

APPENDIX A

**SCHEDULE OF SIGNIFICANT INTERCHANGES
ASSUMED FOR TRANSFER LIMITS STUDIES**

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SUMMARY OF NET INTERCHANGE SCHEDULES

TO FROM	NYISO	PJM	IESO	ISONE	NB/NS	Trans Énergie	Cross- Sound	Neptun e-HVdc	Linden VFT	Other Control Areas	TOTAL EXPORT+ IMPORT-
NYISO		-719	0	75	0	-1200	-330	-685	-297	110	-3046
PJM	719		0	0	0	0	0	685	297	1314	3015
IESO	0	0		0	0	-1250	0	0	0	0	-1250
ISONE	-75	0	0		-800	-1739	330	0	0	0	-2284
NB/NS	0	0	0	800		-300	0	0	0	0	500
Trans Énergie	1200	0	1250	1739	300		0	0	0	45	4534

APPENDIX A	
SUMMARY OF SUMMER 2010 BASE TRANSFERS	
NEW BRUNSWICK/NOVA SCOTIA	
New Brunswick to TransÉnergie: Madawaska and Eel River HVdc	-300
New Brunswick to New England	800
Total Export (+) / Import (-)	500

NEW ENGLAND	
New England to New Brunswick	-800
New England to TransÉnergie: Sandy Pond HVdc	-1500
New England to TransÉnergie: Vermont	-239
New England to New York	-75
New England to NY: Cross-Sound	330
Total Export (+) / Import (-)	-2284

NEW YORK ISO	
New York to TransÉnergie	-1200
New York to New England	75
New York to New England: Cross-Sound	-330
New York to PJM: NYPA to PA-RECS	67
New York to PJM: Sithe Allegheny	-36
New York to PJM: Non-Firm Energy	-750
New York to PJM: Linden VFT	-297
New York to PJM: Neptune HVdc	-685
New York to MISO: NYPA to AMP- Ohio	110
New York to IESO (Ontario)	0
Total Export (+) / Import (-)	-3046

IESO (Ontario)	
IESO to TransÉnergie	-1250
IESO to New York	0
IESO to PJM	0
IESO to MISO	0
Total Export (+) / Import (-)	-1250

APPENDIX A	
SUMMARY OF SUMMER 2010 BASE TRANSFERS	
PJM	
PJM to New York: NYPA to PA-RECS	-67
PJM to New York: Sithe Allegheny	36
PJM to New York: Non Firm Energy	750
PJM to New York: Neptune HVdc	685
New York to PJM: Linden VFT	297
Miscellaneous Transfers to Other Areas	1314
Total Export (+) / Import (-)	3015

TRANSÉNERGIE	
TransÉnergie to New Brunswick: Madawaska and Eel River HVdc	300
TransÉnergie to New England: Sandy Pond HVdc	1500
TransÉnergie to New England: Vermont	239
TransÉnergie to New York	1200
TransÉnergie to IESO (Ontario)	1250
TransÉnergie to Cornwall	45
Total Export (+) / Import (-)	4534

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APPENDIX B

SUMMER 2010 BASE CASE CONDITIONS

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Summer 2010 Conditions

GENERATION FACILITIES (LEVEL OF GENERATION IN CASE)

The status and dispatch of gross generation levels represented in this analysis is listed below.

NYISO

Huntley	200 MW	In Service
Dunkirk	340 MW	In Service
Niagara	3035 MW	In Service
AES/Somerset	537 MW	In Service
Ginna	567 MW	In Service
Sithe/Independence	974 MW	In Service
Oswego #5	804 MW	In Service
Oswego #6	0 MW	Out of Service
Nine Mile Pt #1	630 MW	In Service
Nine Mile Pt #2	1143 MW	In Service
J.A. Fitzpatrick	854 MW	In Service
Maple Ridge Wind Farm	32 MW	In Service
St. Lawrence/FDR (17-32)	908 MW	In Service
Athens	750 MW	In Service
Bethlehem Energy Center	630 MW	In Service
Gilboa	374 MW	In Service
Roseton 1	610 MW	In Service
Roseton 2	580 MW	In Service
Indian Pt #2	1055 MW	In Service
Indian Pt #3	1073 MW	In Service
Bowline Pt 1	508 MW	In Service
Bowline Pt 2	530 MW	In Service
Poletti	0 MW	Retired
NYPA Astoria Combined-Cycle	464 MW	In Service
Ravenswood #3	941 MW	In Service
ECP/Linden Cogen	680 MW	In Service
Arthur Kill #3	270 MW	In Service
Northport 1	260 MW	In Service
Northport 2	240 MW	In Service
Northport 3	240 MW	In Service
Northport 4	270 MW	In Service

ISO-NE

Millstone Point #2	940 MW	In Service
Millstone Point #3	1276 MW	In Service
Vermont Yankee	667 MW	In Service
Northfield 1,2 & 3	750 MW	In Service
Bear Swamp 1 & 2	280 MW	In Service
Norwalk Harbor 1 & 2	0/0 MW	Out of Service
Seabrook	1318 MW	In Service

Ontario

Darlington (4/4 Units)	3600 MW	In Service
Beck 1 & 2	260/1146 MW	In Service
Bruce A (2/4 Units)	1463 MW	In Service
Bruce B (4/4 Units)	3385 MW	In Service
Lambton (2/4 Units)	885 MW	In Service
Pickering (A & B, 5/8 Units)	500/1990 MW	In Service
Nanticoke (4/8 Units)	1761 MW	In Service
St. Lawrence/Saunders (1-16)	851 MW	In Service

PJM

Peach Bottom #2	1119 MW	In Service
Peach Bottom #3	1129 MW	In Service
Salem #1	1174 MW	In Service
Salem #2	1150 MW	In Service
Limerick #1	1150 MW	In Service
Limerick #2	1151 MW	In Service
Hope Creek	1266 MW	In Service
Susquehanna #1	1239 MW	In Service
Susquehanna #2	1239 MW	In Service

TransÉnergie HVdc CONVERTER SCHEDULES

Chateauguay HVdc	720 MW	In Service
Sandy Pond HVdc	1500 MW	In Service
Highgate HVdc	200 MW	In Service
Madawaska HVdc	300 MW	In Service
Eel River HVdc	0 MW	Out of Service

AREA LOADS & LOSSES

NYISO	33487 MW
ISO-NE	29731 MW
IESO (Ontario)	26433 MW
PJM	60752 MW

PHASE ANGLE REGULATOR SCHEDULES

Inghams (CD-ED)	120 MW
Sandbar PAR (PV-20)	105 MW
St. Lawrence-Moses L33P	0 MW
St. Lawrence-Moses L34P	0 MW
Norwalk Harbor-Northport	100 MW
Jamaica-Valley Stream	-122 MW
Jamaica-Lake Success	-164 MW
Hudson-Farragut (B3402)	333 MW
Hudson-Farragut (C3403)	333 MW
Linden-Goethals	333 MW
Waldwick-Hinchmans	325 MW
Waldwick-Fairlawn	345 MW
Waldwick-Hillsdale	330 MW
Ramapo PAR #1 (+ to NY)	220 MW
Ramapo PAR #2 (+ to NY)	220 MW
East Garden City #1	315 MW
East Garden City #2	315 MW

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APPENDIX C

POWER FLOW TRANSCRIPTION DIAGRAMS

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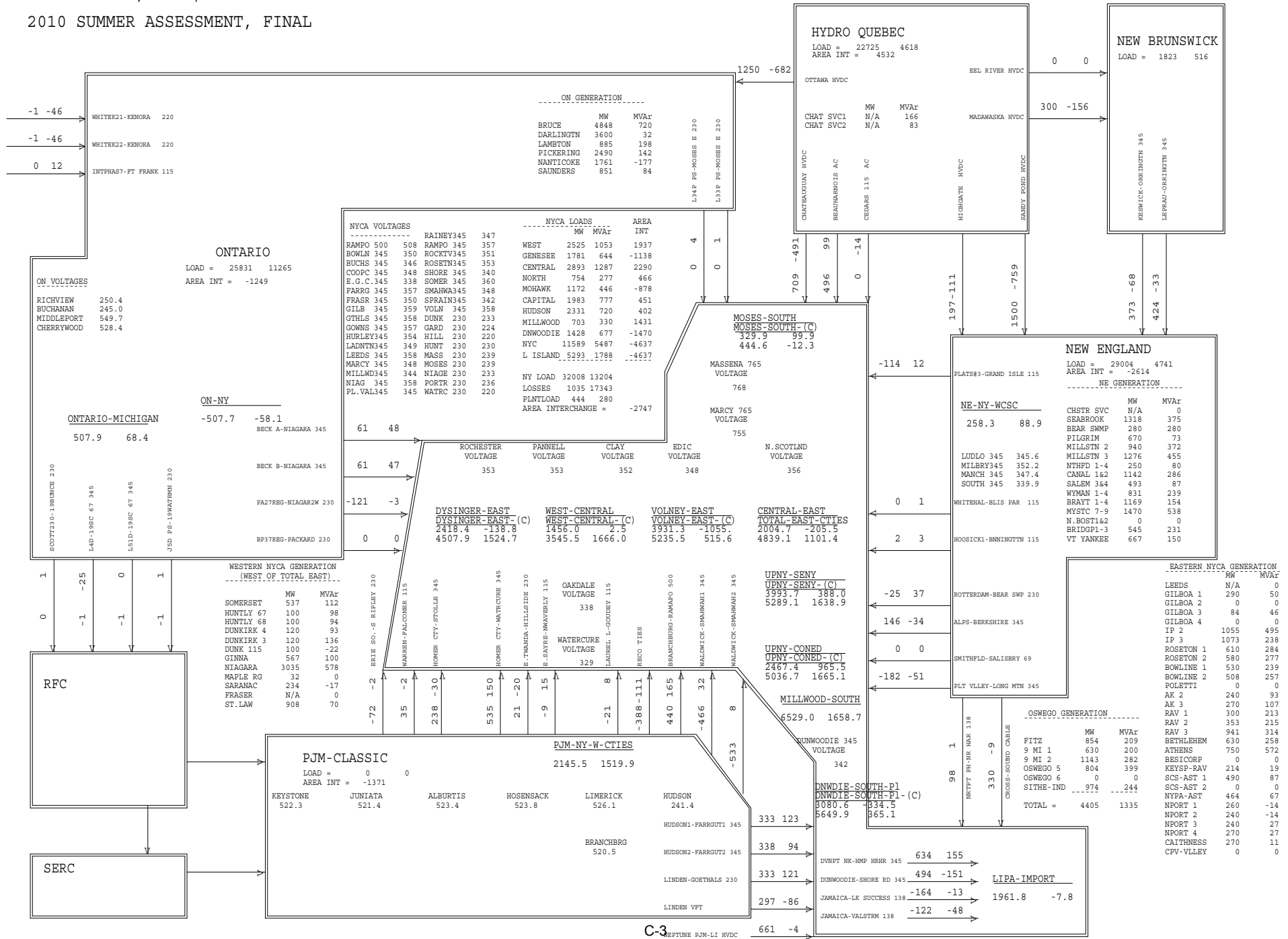
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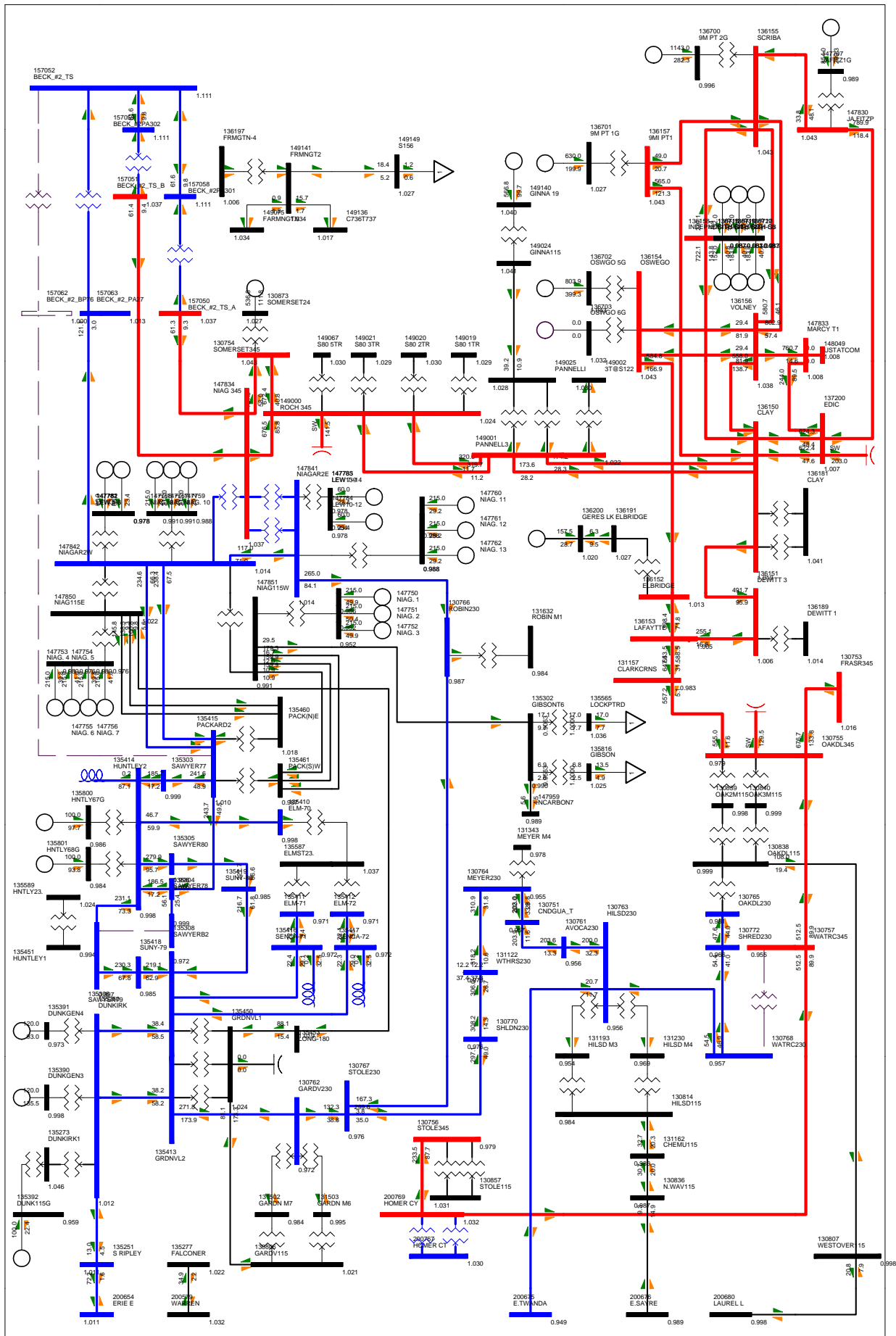
System Overview	C-3
Western NYISO	C-4
Eastern NYISO	C-5
Southern NYISO	C-6
Central Hudson	C-7
Consolidated Edison	.....	C-8
LIPA	.....	C-9, 10
NYSEG	.....	C-11,12
National Grid	.....	C-13-18
Orange & Rockland	C-19
Rochester	C-20
Beauharnois	C-21
PJM	C-22
PSE&G	C-23
UPNY - ConEd	C-24

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2009 SERIES, NERC/MMWG BASE CASE LIBRARY

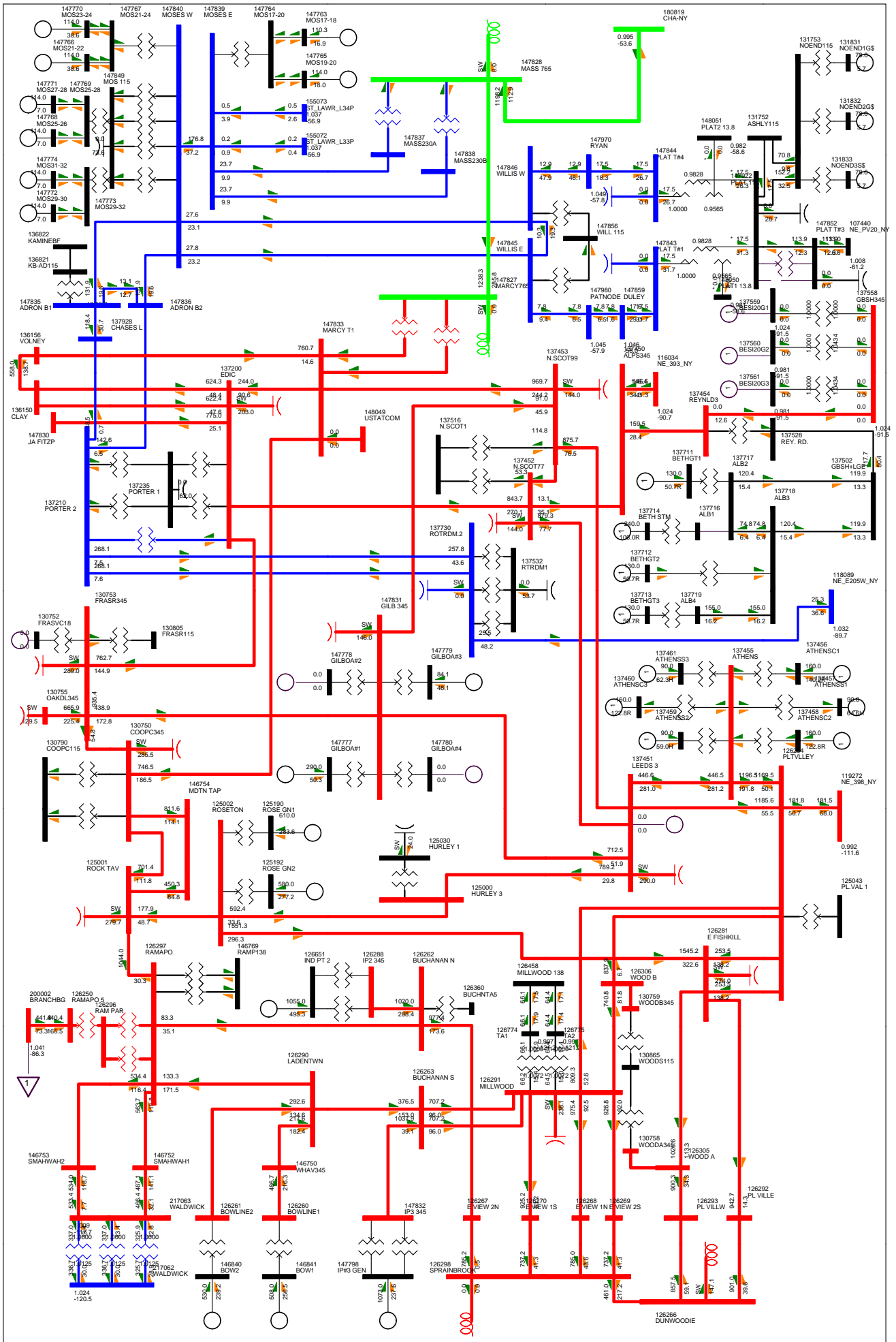
2010 SUMMER ASSESSMENT, FINAL





2009 SERIES, NERC/MW/MVAR BASE CASE LIBRARY
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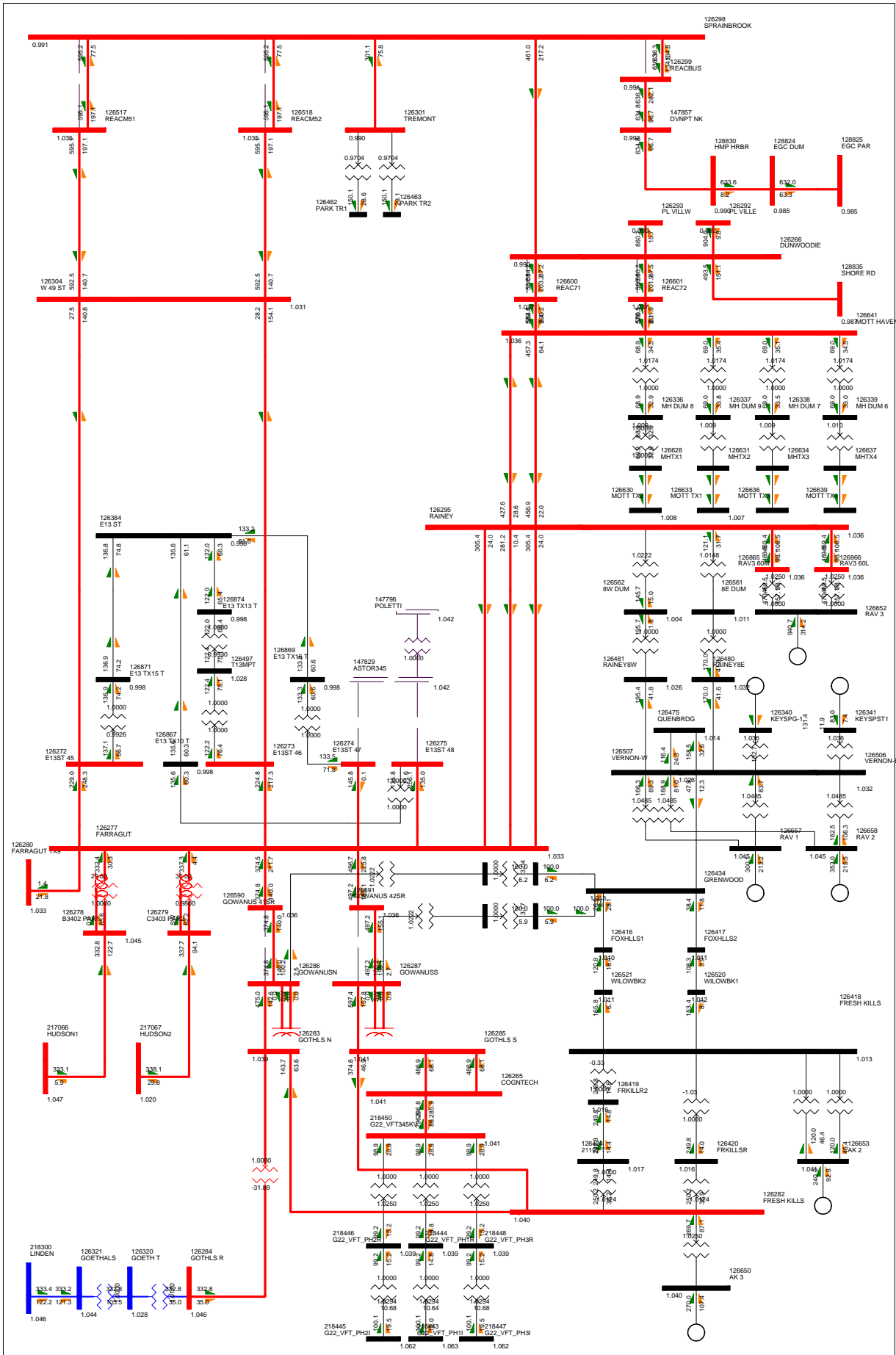
Bus - VOLTAGE (KV)
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: <=100.000 <=200.000 <=300.000 <=400.000 <=500.000 >=600.000



2009 SERIES, NERC/MMWG BASE CASE LIBRARY
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 TUE, APR 20 2010 9:25

EASTERN NYISO

Bus - VOLTAGE (PU)/ANGLE
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: <=100.000<=200.000<=300.000 <=500.000<=600.000

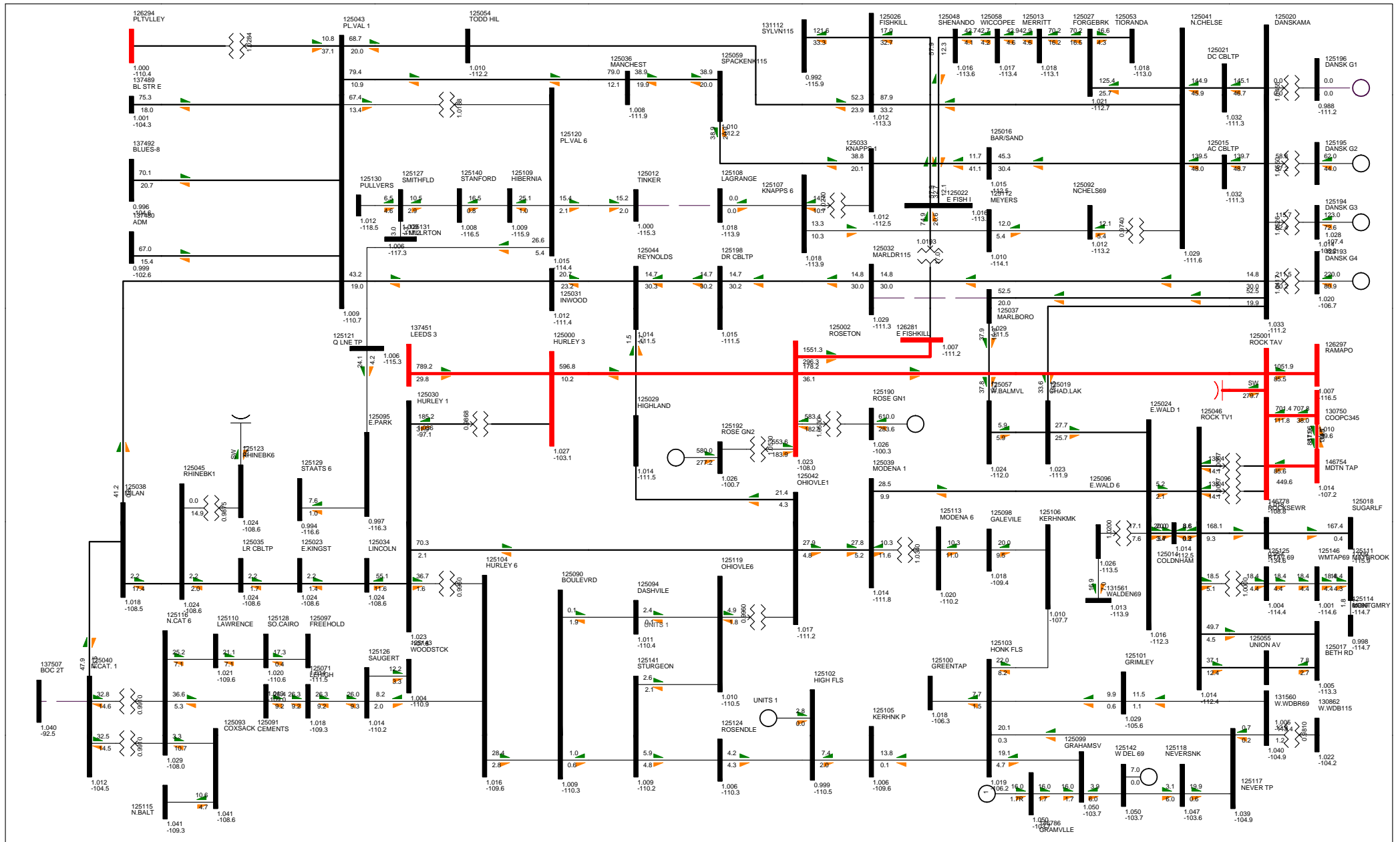


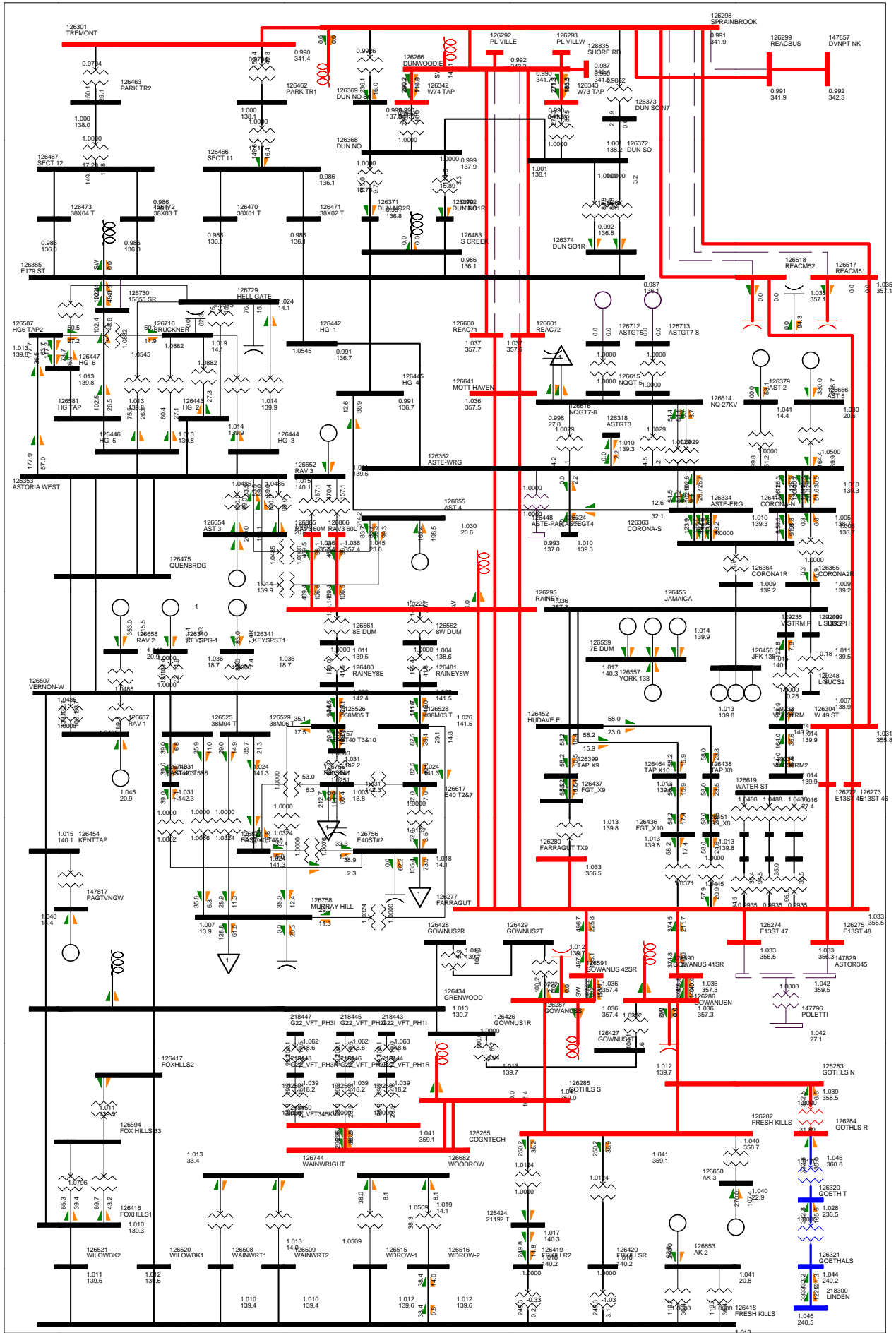
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3) Southern NYISO

Bus - VOLTAGE (PU)
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: $\leftarrow 138.000 \rightarrow 230.000 \rightarrow 345.000 \rightarrow 345.000$

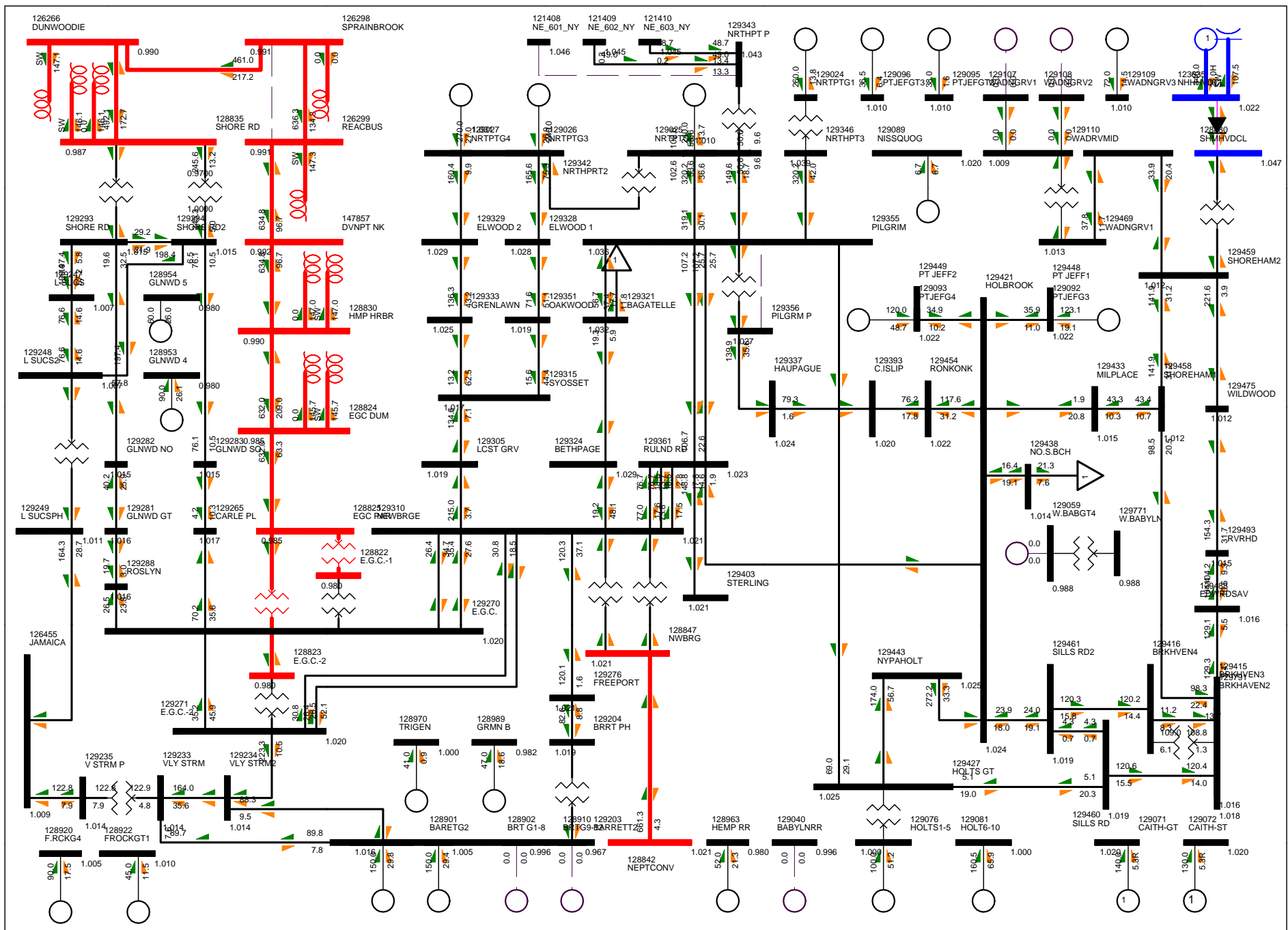
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 Branch - MW/MVAR
 Equipment - MW/MVAR





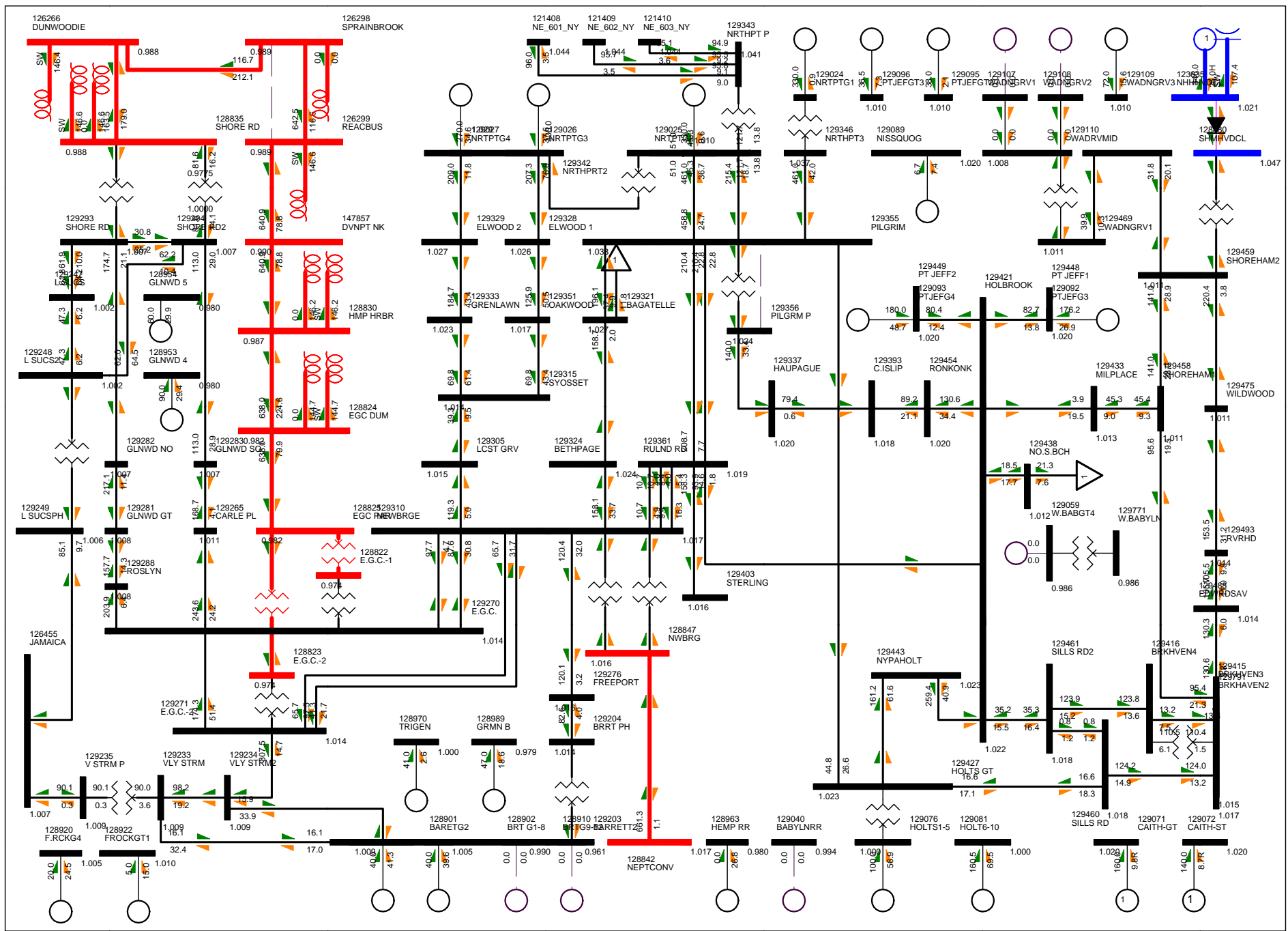
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Bus - VOLTAGE (KV/PU)
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: <=34.000 <=50.000 <=60.000 <=100.000 >1000.000



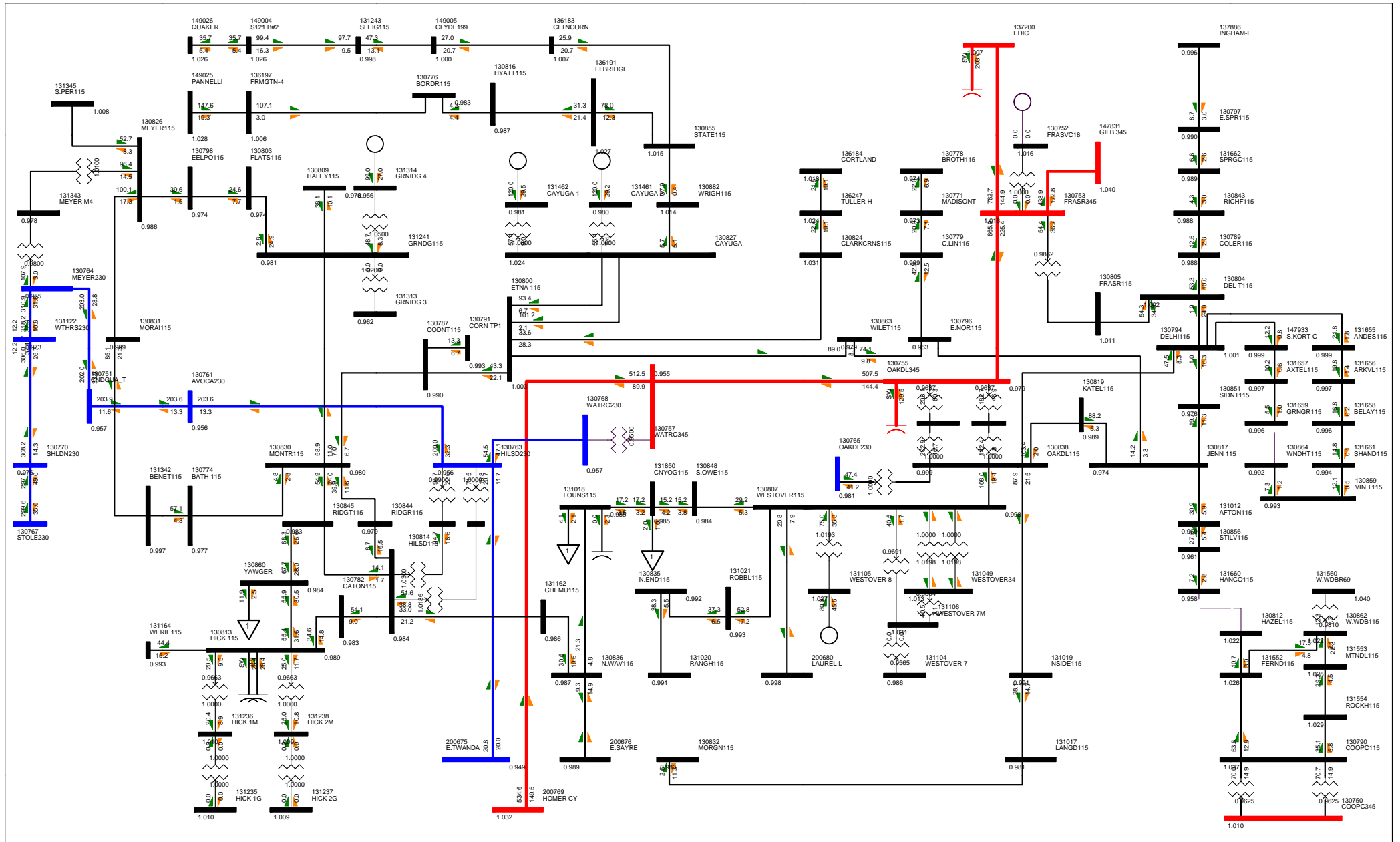
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Bus - VOLTAGE (PU)
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: <=69.000 <=138.000 <=230.000 <=345.000 >345.000



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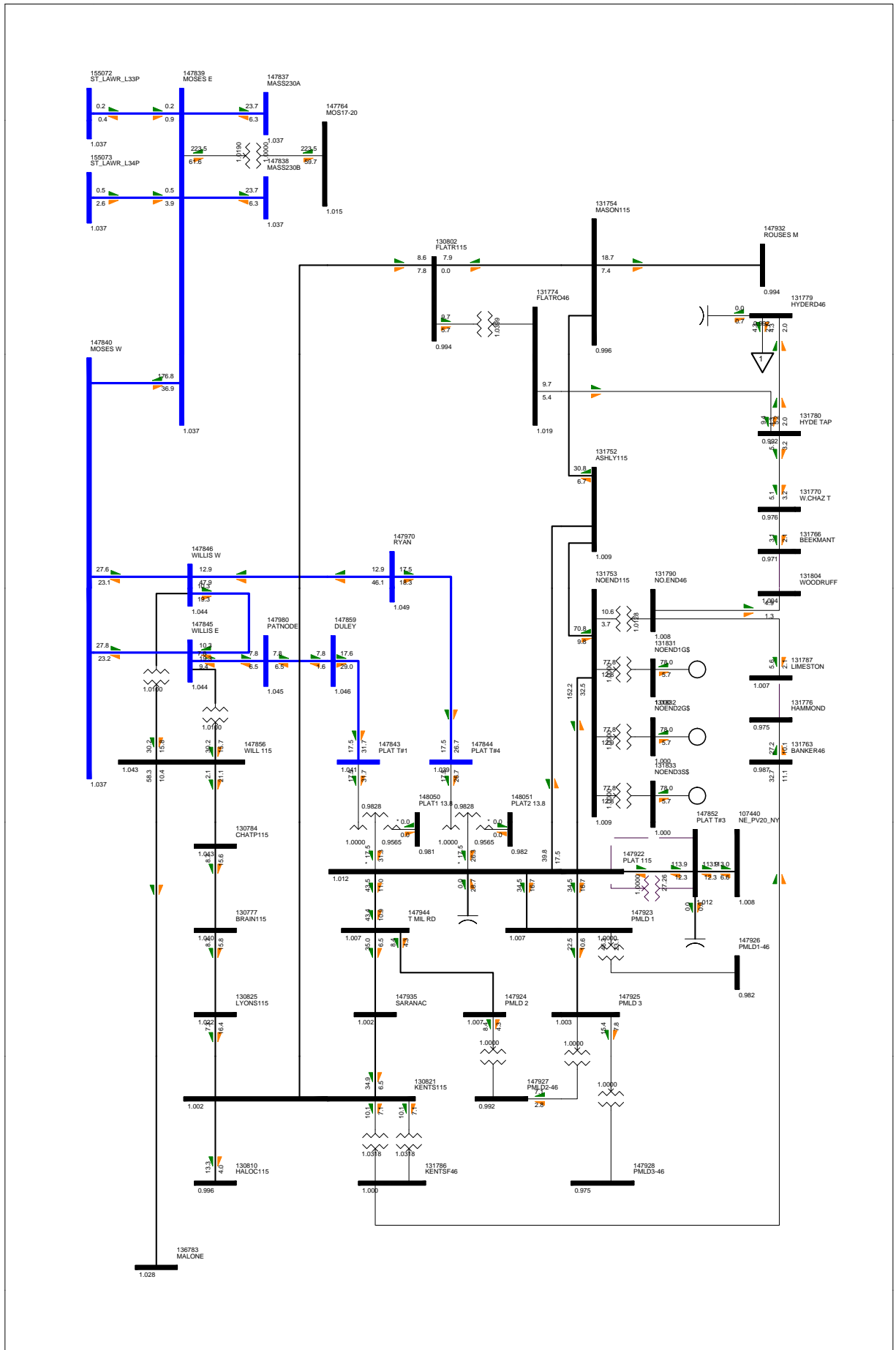
Bus - VOLTAGE (PU)
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: <=69.000 <=138.000 <=230.000 <=345.000 >=345.000



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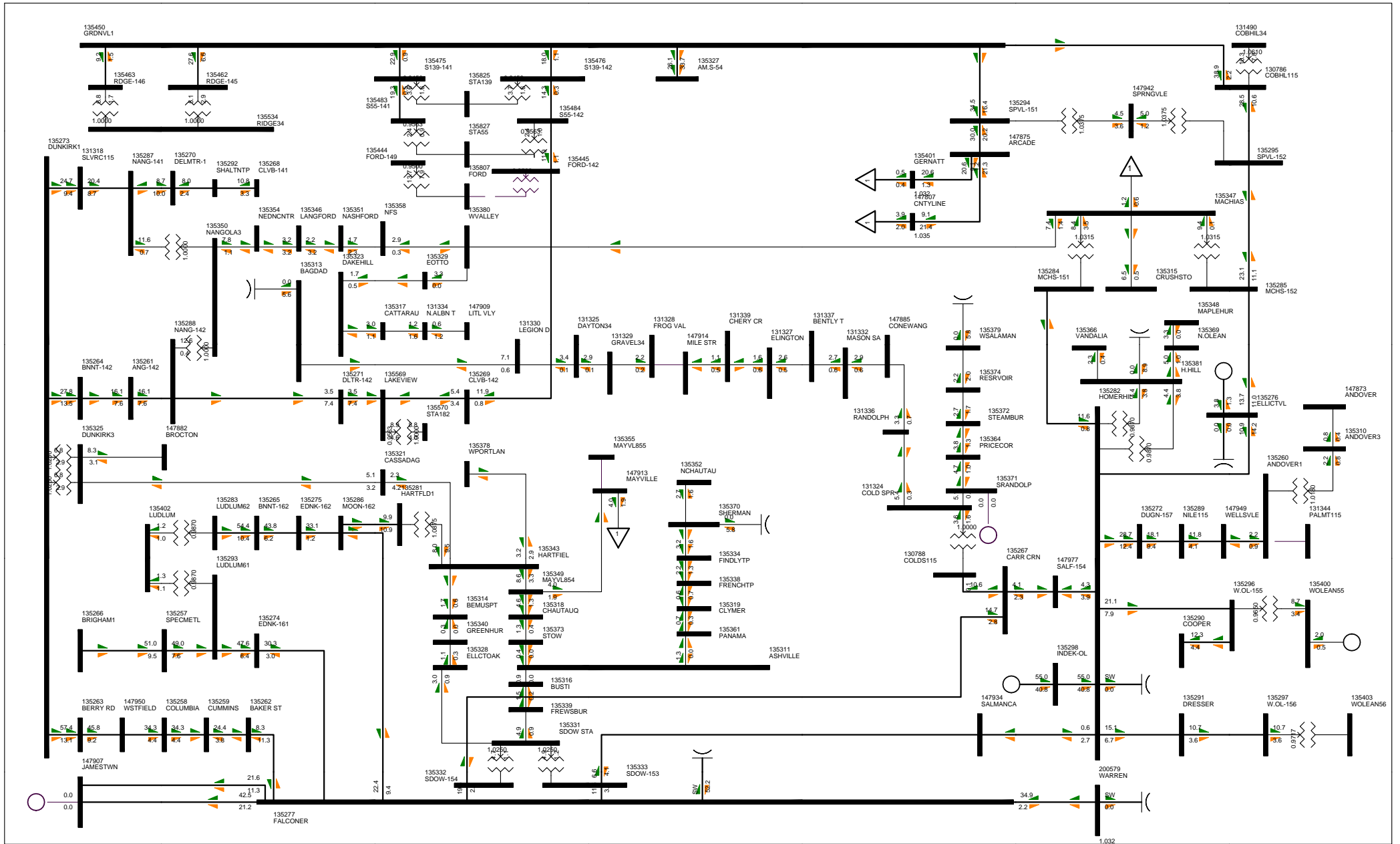
NYSEG

Bus - VOLTAGE (PU)
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: <=100.000 <=200.000 <=300.000 <=500.000 >500.000



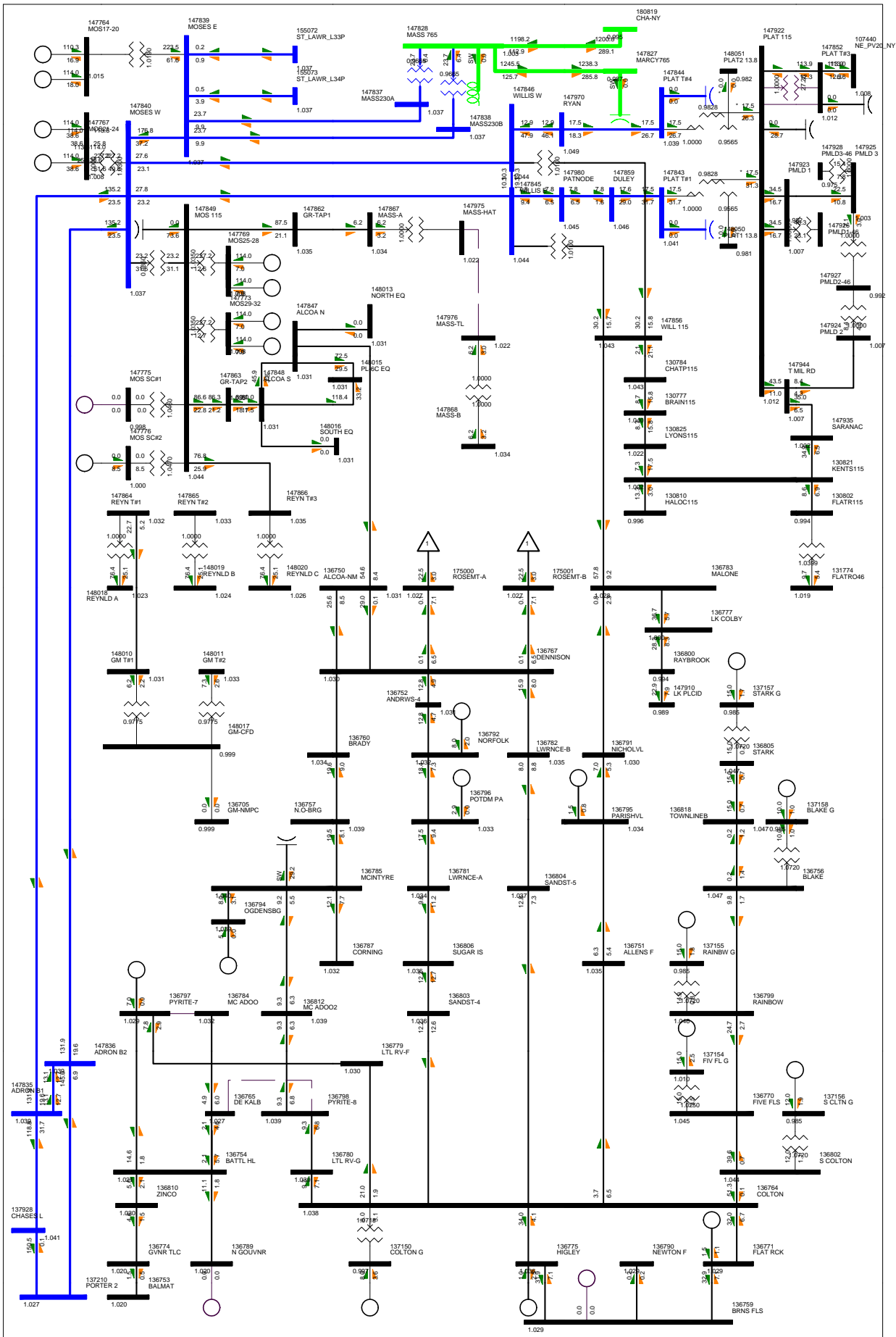
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 TUE, APR 20 2010 9:48
 PLATT

Bus - VOLTAGE (PJ)
 Branch - MW/MVAR
 Equipment - MIN/MVAR
 KV: <=100.000>=200.000<300.000 <=400.000<600.000 >600.000



2009 SERIES, NERC/MMWG BASE CASE LIBRARY
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 NG - SOUTHWEST

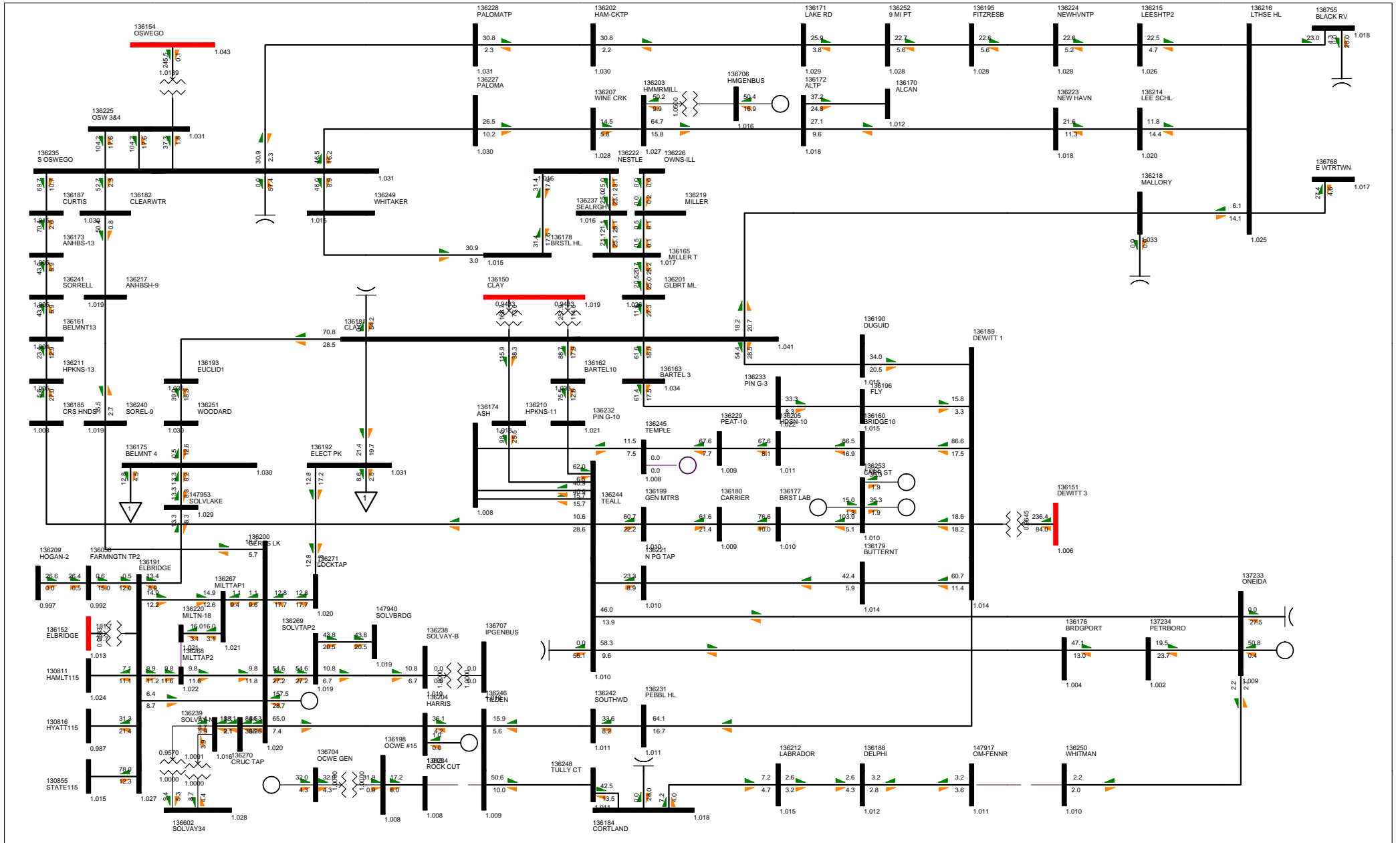
Bus - VOLTAGE (PU)
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: <=100.000 <=200.000 <=300.000 <=500.000 >500.000



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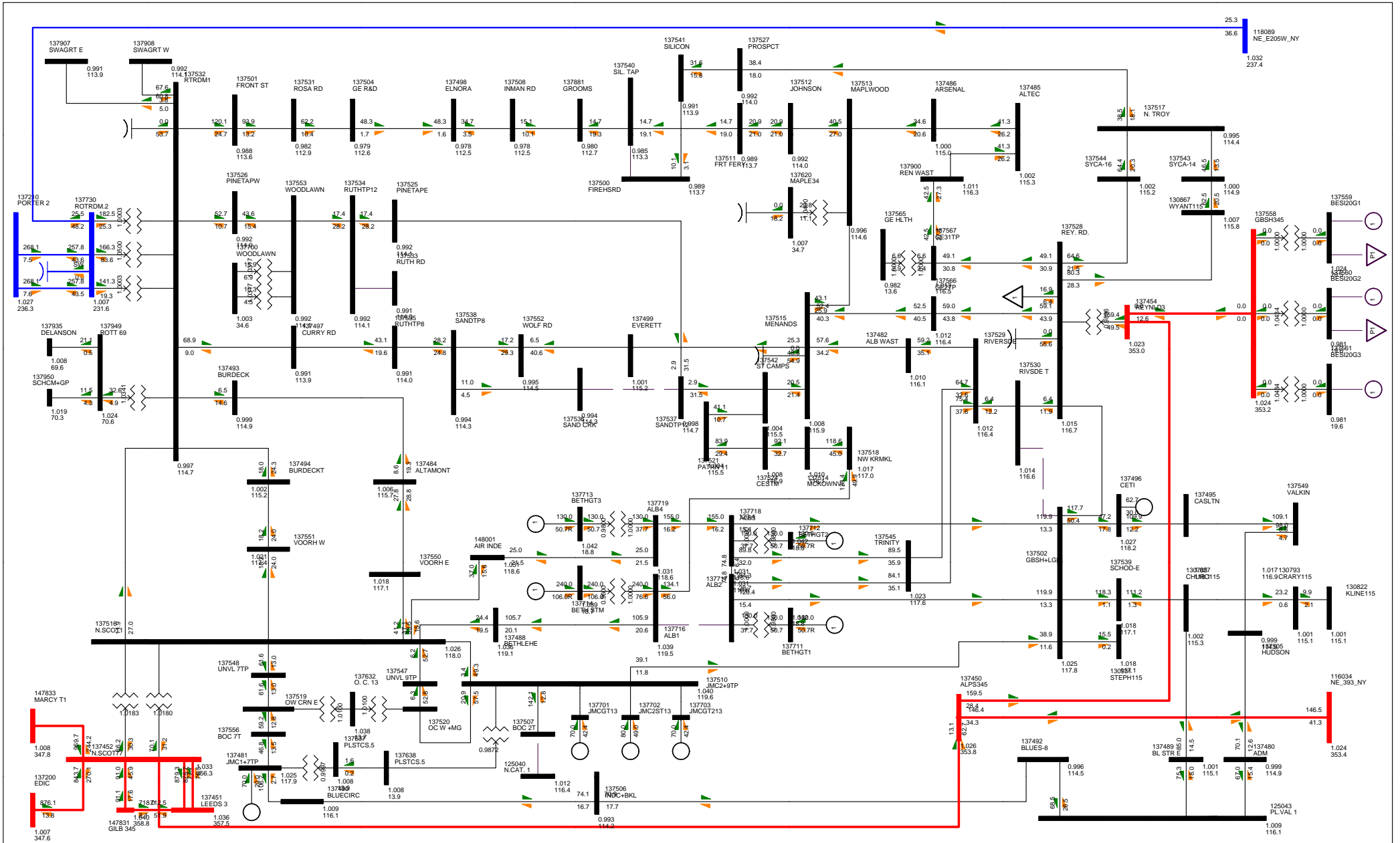
Bus - VOLTAGE (KV)
Branch - MW/MVAR
Equipment - MW/MVAR
KV: <=100.000<=200.000<=300.000 <=500.000<=600.000

NG NORTH



2009 SERIES, NERC/MMWG BASE CASE LIBRARY
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 TUE, APR 20 2010 9:36
 NG - SYRACUS

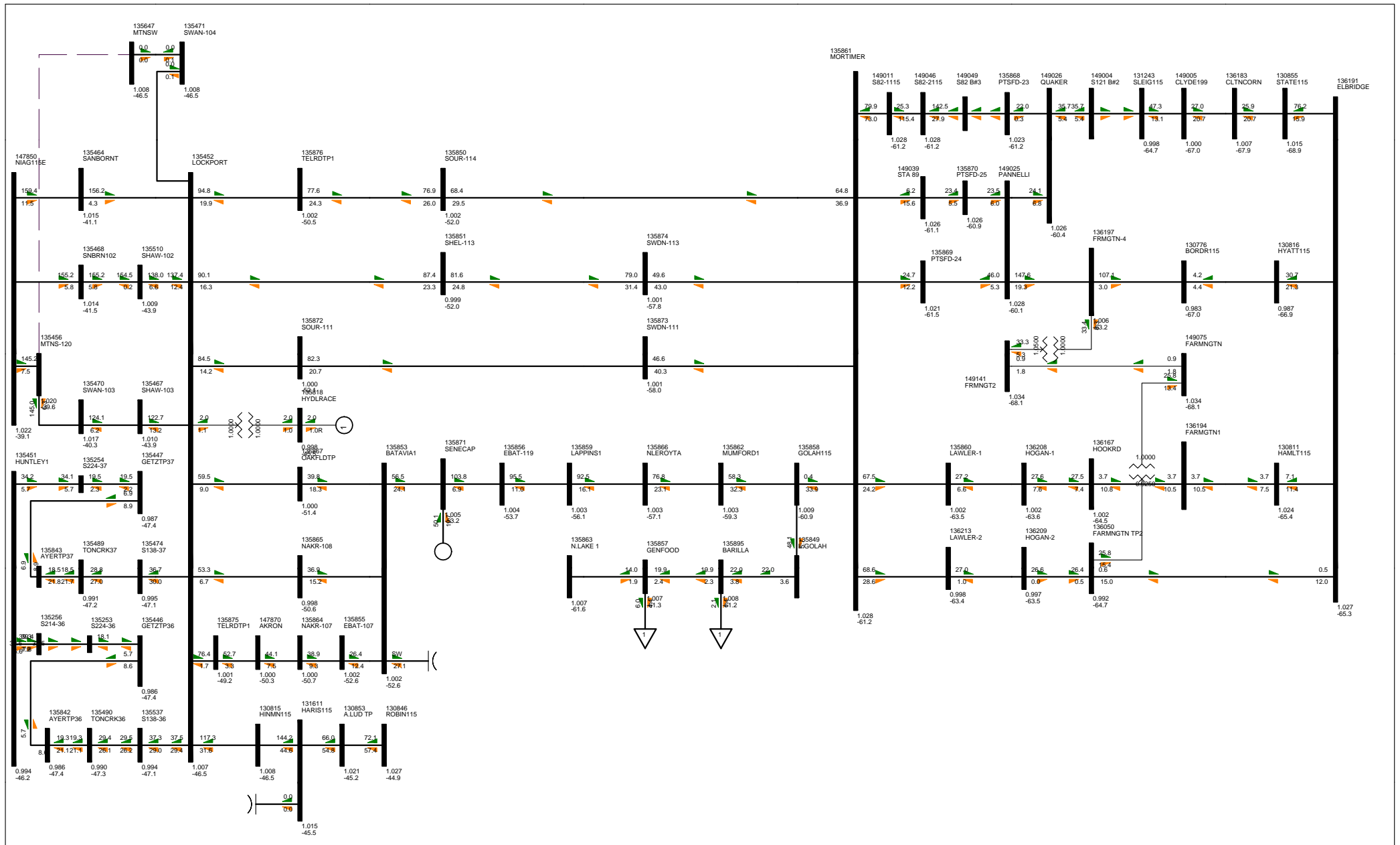
Bus - VOLTAGE (PU)
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: <=100.000 <=200.000 <=300.000 <=500.000 >500.000



2009 SERIES, NERC/MMWG BASE CASE LIBRARY
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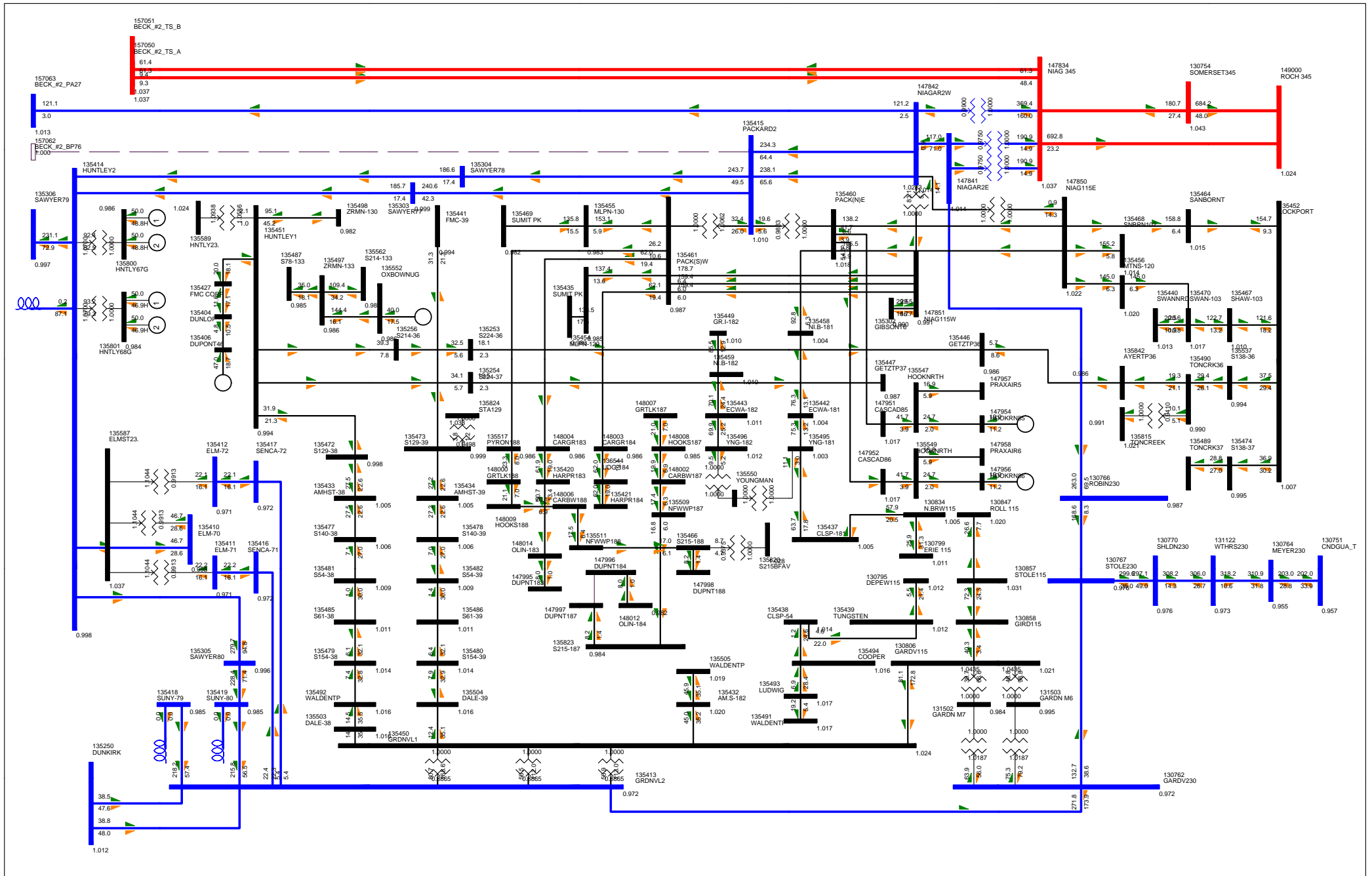
Bus - VOLTAGE (KV/PU)
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: <=150.000 <=300.000 <=400.000 <=600.000 <=1000.000 >1000.000

1) Albany



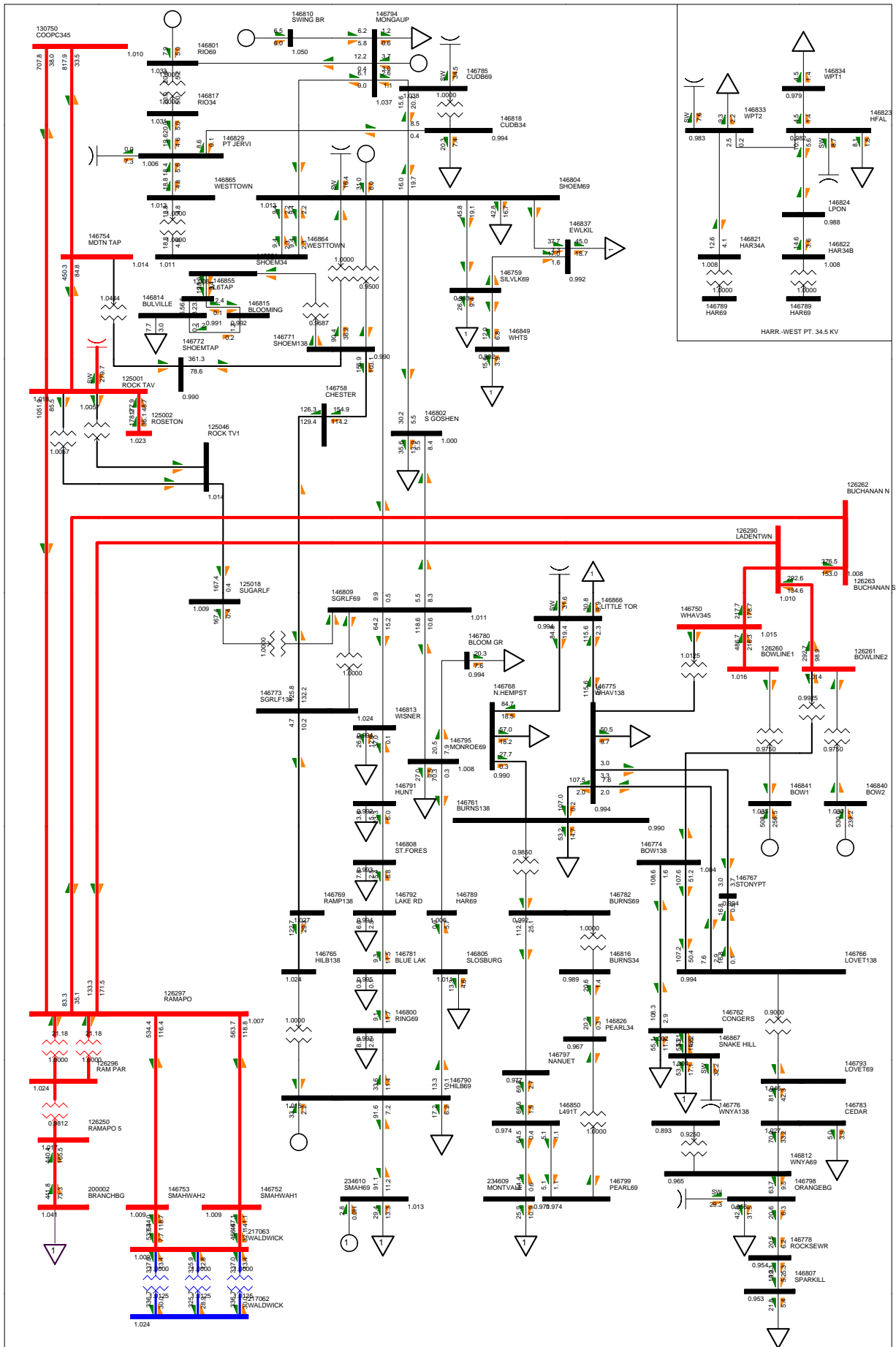
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Bus - VOLTAGE (PU)/ANGLE
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: <=100.000 <=200.000 <=300.000 <=500.000 >500.000



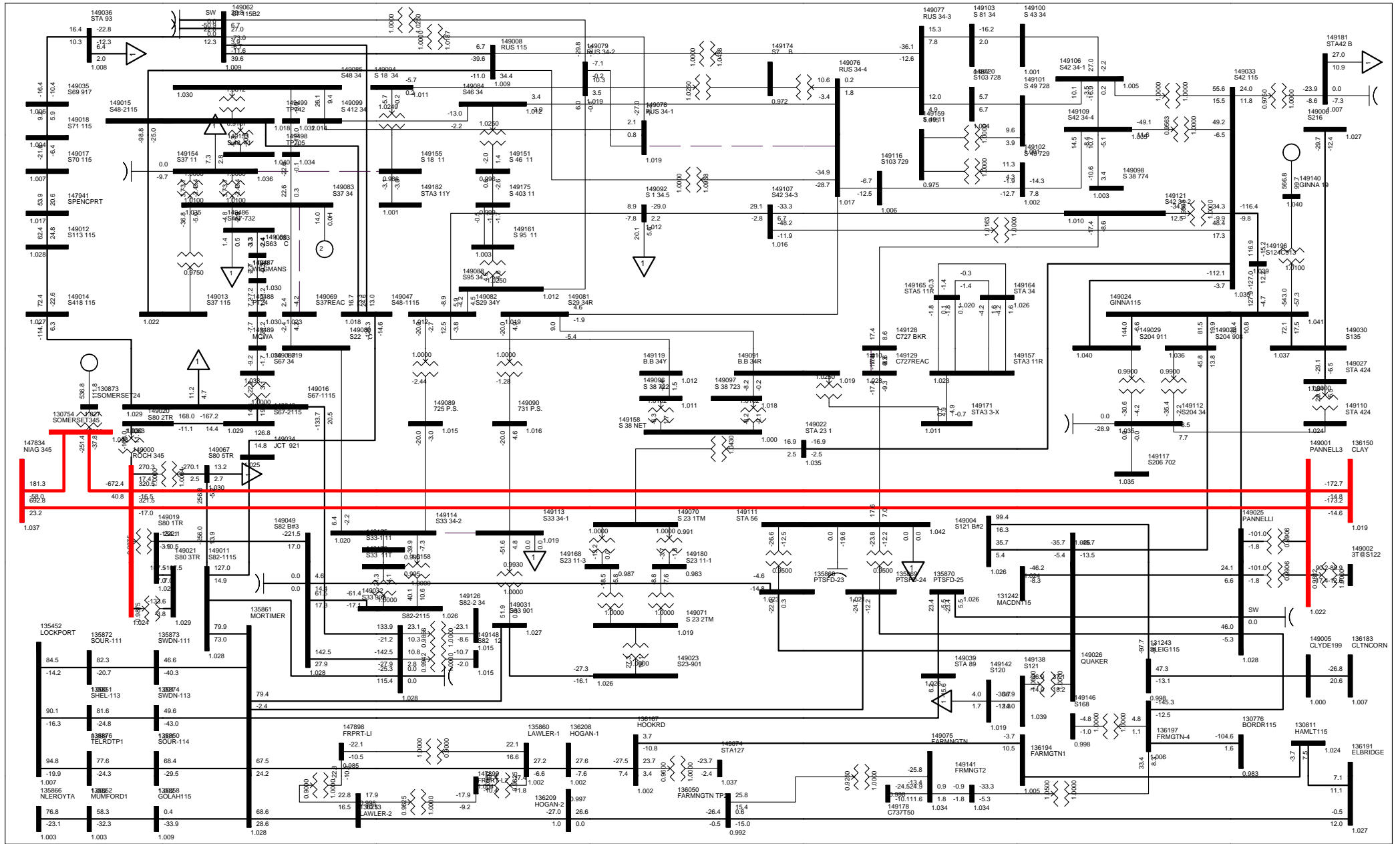
2009 SERIES, NERC/MMWG BASE CASE LIBRARY
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 2) Buff

Bus - VOLTAGE (PU)
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: <=100.000 <=200.000 <=300.000 <=400.000 <=600.000 >600.000



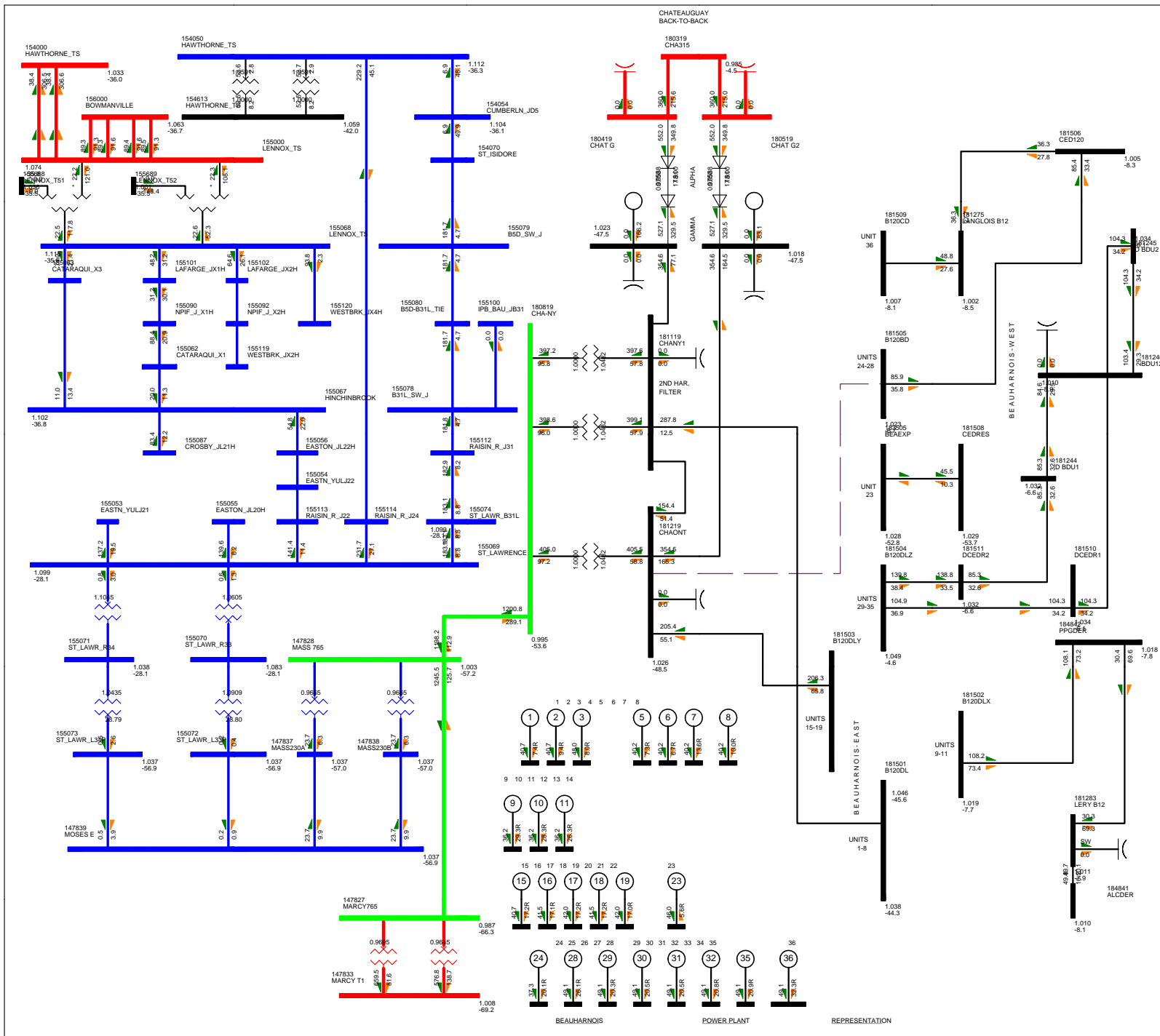
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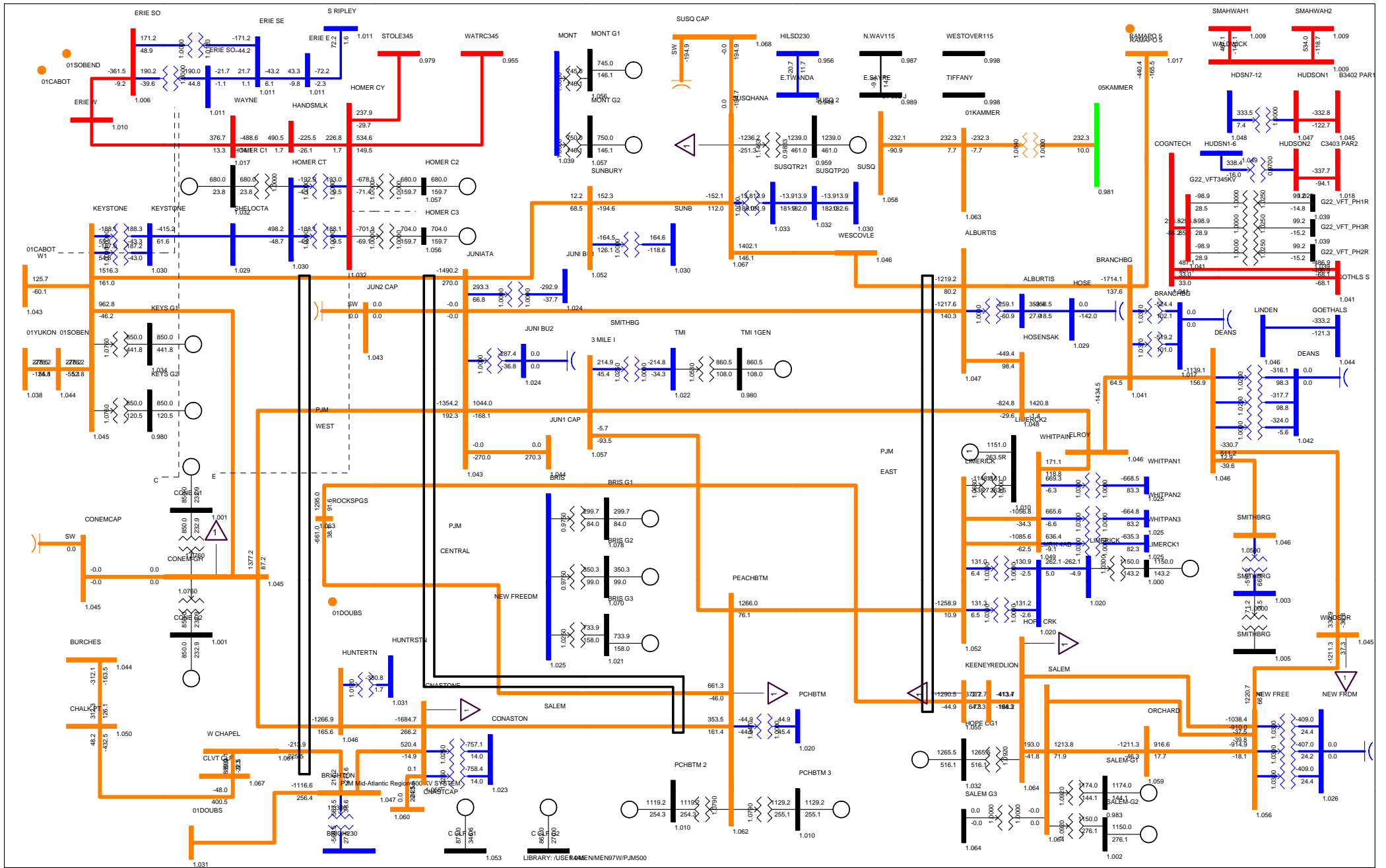
O&R



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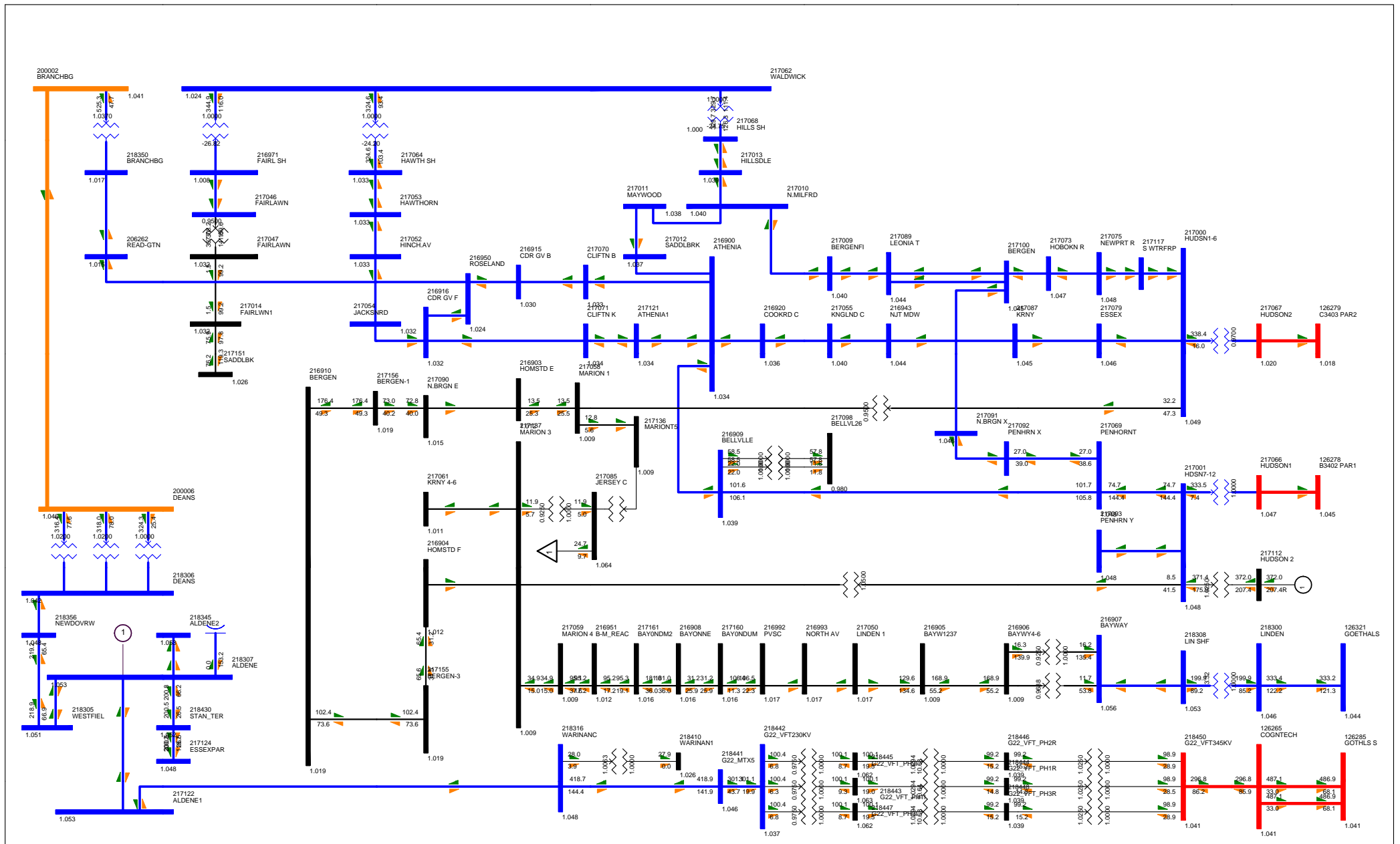
Bus - VOLTAGE (PU)
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: <=100.000 <=200.000 <=300.000 <=400.000 <=600.000 >600.000





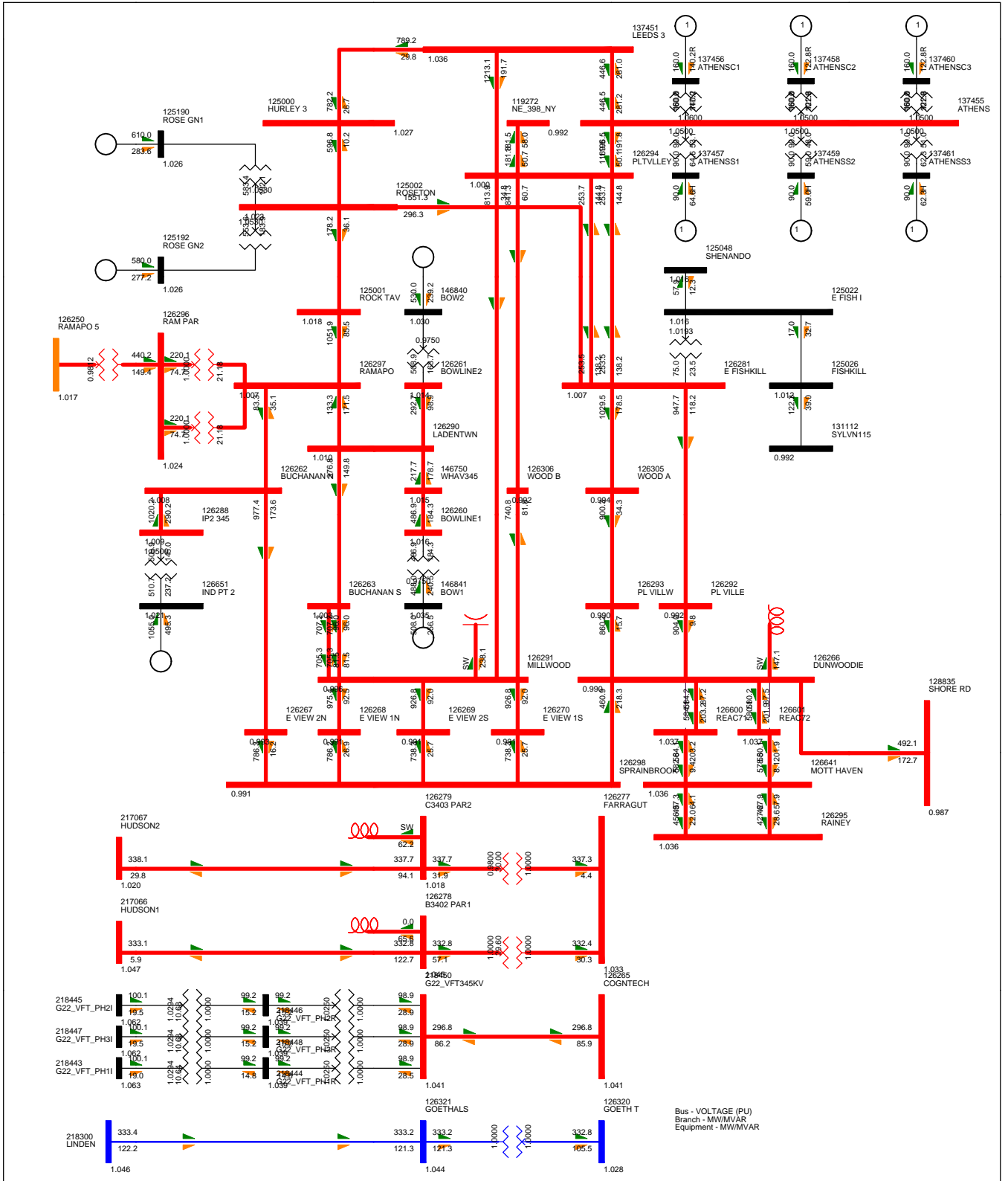
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Bus - VOLTAGE (KV)
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: <=100.000 <=200.000 <=300.000 <=400.000 <=600.000 >600.000



2009 SERIES_NERC/MMWG BASE CASE LIBRARY
 2010 SUMMER ASSESSMENT_FINAL
 TUE, APR 20 2010 9:49

Bus - VOLTAGE (KV)
 Branch - MW/MVAR
 Equipment - MW/MVAR
 KV: <=100.000 <=200.000 <=300.000 <=400.000 <=500.000 >600.000



2009 SERIES, NERC/MMWG BASE CASE LIBRARY
 2010 SUMMER ASSESSMENT, FINAL
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APPENDIX D

**RATINGS OF MAJOR TRANSMISSION FACILITIES
IN NEW YORK**

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SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
ADIRNDCK-CHASLAKE_230_13	13	230	440	505	560	325233
ADIRNDCK-CHASLAKE_230_13	13	230	434	478	562	325233
ADIRNDCK-EDIC_PTR_230_12-AP	12	230	478	478	637	25082
ADIRNDCK-EDIC_PTR_230_12-AP	12	230	439	505	560	25082
ALBANY__-GREENBSH_115_1	1	115	186	208	237	25860
ALBANY__-GREENBSH_115_2	2	115	186	208	237	25868
ALBANY__-TRINITY__115_5	5	115	198	244	280	25861
ALBANY__-TRINITY__115_9	9	115	147	178	243	25872
ALCOA__-DENNISON_115_12-AD	12	115	176	203	223	25227
ALCOA__-NOGDNBRG_115_13-ANO	9	115	159	159	159	25230
ALCOA_N.-ALCOA____115_R8105	R8105	115	206	247	310	25202
AMERISTD_115/12__BK 2	923	115	38	39	42	25429
AMERISTD-GARDNVLB_115_182-3	182	115	129	182	236	26015
ANDOVER_-PALMITER_115_157_932	157	115	79	101	119	25094
ARSENAL_-REYNOLDS_115_31	31	115	128	147	159	26423
ASH____-TEMPLE__115_9	9	115	207	233	233	26062
ASHLEYRD-MASONCR__115_909	909	115	155	179	193	25847
ASHLEYRD-PLATSBRG_115_700	700	115	221	255	285	25845
ASHLEYRD-PLATSBRG_115_700	700	115	174	179	239	25845
ASTORIAE-ASTORIA3_138_34123	34123	138	271	311	400	25876
ASTORIAE-CORONA__138_34181	34181	138	154	239	387	25277
ASTORIAE-CORONA__138_34182	34182	138	154	239	387	25278
ASTORIAE-CORONA__138_34183	34183	138	154	239	387	25279
ASTORIAE-CORONA__138_34184	34184	138	154	239	387	25280
ASTORIAE-CORONA__138_34185	34185	138	154	239	387	25281
ASTORIAE-CORONA__138_34186	34186	138	154	239	387	25282
ASTORIAW-QUENBRDG_138_28241	28241	138	154	239	387	25315
ASTORIAW-QUENBRDG_138_28242	28242	138	154	239	387	25316
ASTORIAW-QUENBRDG_138_28243	28243	138	308	478	645	25317
ASTORIAW-QUENBRDG_138_28244	28244	138	308	478	645	25318
ATHENS__-PLSNTVLY_345_91	91	345	1331	1538	1723	25054
BARRETT_-FREEPORT_138_459	459	138	205	278	313	26425
BATAVIA_-SBATAVIA_115_117	117	115	220	239	239	26017
BATH____-MONTRFL_115_965	965	115	124	139	149	26163
BATNKILL-MULTP-10_115_10	10	115	119	119	119	26121
BATTHILL-PYRITES__115_7-BHP	7	115	76	87	94	26065
BEAR SWP-ROTTRDAM_230_E205W	E-205-W	230	440	505	560	25030
BEAR SWP-ROTTRDAM_230_E205W	E205W	230	435	435	453	25030
BECK NM_-SWANROAD_115_104-1	104	115	168	181	199	25042
BECK____-NIAGARA__230_PA27	PA27	230	400	460	558	25025
BECK____-NIAGARA__230_PA27	PA27	230	483	531	674	25025
BECK____-NIAGARA__345_PA301	PA301	345	1070	1430	1884	25040
BECK____-NIAGARA__345_PA301	PA301	345	1070	1322	1714	25040
BECK____-NIAGARA__345_PA302	PA302	345	1070	1322	1714	25041
BECK____-NIAGARA__345_PA302	PA302	345	1070	1430	1884	25041
BECK____-PACKARD__230_BP76	BP76	230	556	643	736	25024

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
BECK___-PACKARD__230_BP76	BP76	230	478	478	569	25024
BENETTNM-DUNKIRK__115_142-3	142	115	168	181	206	26019
BENNETT_-BATH_____115_953	953	115	124	139	159	26164
BERKSHIR-ALPS_____345_393	393	345	1434	1649	1912	25034
BERKSHIR-ALPS___345_393	393	345	1670	1912	1912	25034
BETHLHEM-ALBANY___115_18-BA	18	115	329	369	423	26119
BIGTREE_-DAVIS_RD_115_904	904	115	139	163	183	25162
BLACKRVR-CLIMAX___115_1-BC	2	115	116	120	145	26067
BLACKRVR-FORTDRUM_115_2-BF	2	115	116	120	145	26068
BLACKRVR-LIGHTHSE_115_6-BLH	6	115	116	120	145	25506
BLISSVIL-WHITEHAL_115_7	K-37	115	187	217	249	25028
BLISSVIL-WHITEHAL_115_7	7	115	200	239	239	25028
BLUE_CIR-PLSTVYCH_115_8-BP	8-BP	115	116	120	145	25498
BLUE_CIR-PLSTVYCH_115_8-BP	8	115	129	128	192	25498
BNNINGTN-HOOSICK__115_K6	6	115	199	245	280	25029
BNNINGTN-HOOSICK__115_K6	K6	115	150	217	248	25029
BOONVLE-EDIC/PTR_115_1-BP	1	115	116	120	145	26074
BOONVLE-EDIC/PTR_115_2-BP	2	115	116	120	145	26073
BOONVLE-ROME_____115_3-BR	5	115	105	114	134	26071
BOONVLE-ROME_____115_4-BR	5	115	105	114	134	26072
BORDRCTY-GUARDIAN_115_969	969	115	176	179	179	325283
BOULEVRD-OHIOVLE_69__OB	OB	69	41	44	51	26212
BOWLINE__345_138_BK455	BK455	345	506	587	671	25664
BOWLINE_-WHAVERSTRW_345_67-1	67	345	687	747	747	25567
BOWLINE2-CONGERS__138_561	561	138	198	260	267	26723
BRANCHBG-RAMAPO__500_5018	5018	345	999	1303	1751	25019
BRANCHBG-RAMAPO__500_5018	5018	500	2656	2983	2983	25019
BRIGHAM_-LUDLUM_B_115_161-2	161	115	168	185	206	26020
BRISTLHL-FULTON___115_7-BF	7	115	105	114	134	26081
BRISTLHL-S.OSWEGO_115_7-SB	7	115	105	114	134	25512
BRNDVLE-LYON_MTN_115_911	911	115	112	131	143	325704
BROOK_E_-SPIERFLS_115_1	1	115	116	120	145	25874
BROOK_W_-SPIERFLS_115_2	2	115	116	120	145	25873
BROOKHVN-EDWARDAV_138_864	864	138	308	481	555	25553
BROOKHVN-HOLTSVLE_138_874	874	138	473	520	623	25339
BROOKHVN-SILLSRD__138_874	874	138	473	520	623	325617
BROOKHVN-SILLSRD__138_887	887	138	390	435	498	325619
BROWNFLS-HIGLEY___115_1-BH	1	115	102	122	135	26078
BROWNFLS-TAYLORVL_115_3-BT	3	115	102	120	135	26076
BROWNFLS-TAYLORVL_115_4-BT	4	115	105	114	134	26077
BUCHAN_N-EASTVIEW_345_W93	W93	345	1720	1890	2398	25133
BUCHAN_S-MILLWOOD_345_W97	W97	345	1493	1680	1899	25146
BUCHAN_S-MILLWOOD_345_W98	W98	345	1493	1680	1899	25247
BUCHANAN-MILLWOOD_138_96951	96952	138	275	302	383	25283
BUCHANAN-MILLWOOD_138_96952	96951	138	275	302	383	25284
BULYMO_-BOONVLE_115_6	6	115	116	120	145	325265

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
BURD_STE-VORHVSLE_115_19-BV	19-BV	115	116	120	145	26152
BURD_STE-VORHVSLE_115_19-BV	19-BV	115	105	114	134	26152
BURNS___138_69__BK 519	BK519	138	220	300	380	25889
BURNS___138_69__BK 519	BK519	138	208	258	284	25889
BURNS___-HARNGCRN_138_702	702	138	189	217	228	25881
BURNS___-N.HEMPST_138_531	530	138	236	270	285	25878
BURNS___-NANUET___69__49	49	69	26	32	37	26252
BURNS___-TALLMAN___69__591	591	69	50	104	110	26253
BURNS___-WHAIVSTOR_138_541	541	138	236	270	285	25879
BURNS___-WHAIVSTRW_138_541	919	115	161	177	179	25879
BUTLER___-MOHICAN___115_18-BM	18	115	116	120	145	26434
C._ISLIP-RONKOKMA_138_883	883	138	380	538	617	26497
CANAL___-RIVRHEAD_138_910	910	138	227	263	302	325242
CANANDGA-HILLSIDE_230_68	68	230	483	518	549	25176
CARMEL___-CROTONFL_115_991	991	115	215	247	275	26155
CARMEL___-WOODSTNY_115_992	992	115	215	247	275	325278
CARR_ST_-DEWITT___115_15-CD	15	115	187	213	236	26093
CATON___-HILLSIDE_115_960	958	115	102	113	120	325290
CAVANARD-EDIC_PTR_115_7	7	115	116	120	145	325214
CEDAR___-WHITEHAL_115_6	6	115	116	120	145	26516
CEMENT___-SAUGRTES_69__H-2	H	69	68	75	82	26214
CHADWICK-E.WALDEN_115_DW-3	DW-3	115	176	211	240	26218
CHADWICK-WBALMVLE_115_DW-2	DW-2	115	175	193	220	26217
CHASLAKE-EDIC_PTR_230_11	11	230	439	505	560	25051
CHATGUAY-MASSENA___765_7040	MSC7040	765	3975	3975	5300	25301
CHESTROR-SUGRLOAF_138_271	27	69	236	270	285	325424
CHRCHTWN-BLUE_S_A_115_13-BC	13	115	160	166	206	26685
CHRCHTWN-BLUE_S_A_115_13-BC	13-BP	115	119	166	206	26685
CHRCHTWN-BLUE_S_A_115_13-BC	13-BP	115	120	120	120	26685
CHRCHTWN-CRARYVIL_115_984	984	115	113	144	173	26500
CHURCH_S-ROTTDRAM_115_10-AR	10	115	116	120	145	26428
CLAY___345_115_BK 1	BK#1	345	308	367	405	25387
CLAY___345_115_BK 2	BK#2	345	478	644	796	25421
CLAY___-DEWITT___115_3-CD	5	115	116	120	145	25519
CLAY___-DEWITT___115_5-CD	3	115	193	213	240	25522
CLAY___-DEWITT___345_13-CD	13	345	1109	1344	1686	25168
CLAY___-EDIC_PTR_345_1-16	CE 1-16	345	1301	1501	1685	25200
CLAY___-EDIC_PTR_345_1-16	CE 1-16	345	1810	1989	2390	25200
CLAY___-EDIC_PTR_345_2-15	CE 2-15	345	1301	1501	1685	25169
CLAY___-EDIC_PTR_345_2-15	CE 2-15	345	1810	1989	2390	25169
CLAY___-HOPKINS___115_11-CH	11	115	220	239	239	25516
CLAY___-INDPDNCE_345_26	26	345	1670	1931	2210	25858
CLAY___-SOLVAY___115_14-CG_GE	14	115	116	120	145	25517
CLAY___-TEALLAVE_115_10-CT	10	115	116	120	145	25520
CLIMAX___-TAYLORVL_115_8-CT	2	115	105	114	134	26431
CLINTON_-IMC_TAP___115_15-CI	15-TAP	115	116	120	145	26128

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
CLNTN-NM-STATE_ST_115_971	3	115	125	143	154	25063
CLNTN-NM-STATE_ST_115_971	971	115	120	146	159	25063
CLYDE__-STATE_ST_115_971	3	115	125	143	154	68810
COBBLENM_115/34__BK 1	906	115	40	41	45	25426
COBBLENM-HOMER_HL_115_152-2	152	115	116	120	145	26022
CODNIGTN-E.ITHACA_115_981-1	981-1	115	108	128	143	25730
CODNIGTN-ETNA____115_998	998	115	227	253	283	25734
COFFEEN_-GLENPARK_115_3-CG	3	115	119	119	119	26069
COFFEEN_-LIGHTHSE_115_5-CL	5	115	116	119	119	25504
COLDENHM-ROCKTVRN_115_J	J	115	232	257	304	26420
COLLIERS-RICHFELD_115_929	929	115	90	90	90	26169
COLTON__-FLATROCK_115_2-CF	2	115	102	122	135	26088
COLTON__-HIGLEY____115_1-HC	1	115	102	122	135	26087
CONGERS_-W.NYACK__138_562	562	138	220	288	296	25887
CONGERS_-W.NYACK__138_562	562	138	212	267	281	25887
COOPERNY-ROCKHILL_115_957	957	115	108	120	120	325614
COOPERS__345/115_BK 2	#2	345	212	266	300	25433
COOPERS__345/115_BK 3	#3	345	232	296	300	25434
COOPERS_-FERNDALE_115_950	950	115	176	179	179	26171
COOPERS_-MIDDLETP_345_CMT-34	CRT-34	345	1836	2125	2470	25110
COOPERS_-MIDDLETP_345_CMT-34	CMT-34	345	1464	1793	1793	25110
COOPERS_-MIDDLETP_345_CMT-34	CRT-34	345	1704	1852	2362	25110
COOPERS_-ROCKTVRN_345_CRT-42	CRT-42	345	1836	2125	2470	25111
COOPERS_-ROCKTVRN_345_CRT-42	CRT-42	345	1704	1852	2362	25111
COOPERS_-ROCKTVRN_345_CRT-42	CRT-42	345	1793	1733	1793	25111
CORONA__-JAMAICA__138_18001	18001	138	255	322	361	25285
CORONA__-JAMAICA__138_18002	18002	138	222	288	322	25286
CORTLAND-FENERWND_115_3	3	115	125	143	154	325248
CORTLAND-TILDEN____115_18-CT	18	115	176	208	236	26089
CORTLAND-TULLERHL_115_947-1	947	115	108	128	143	25059
CORTLAND-TULLERHL_115_947-1	1(947)	115	119	147	159	25059
CURRY_RD-WOLF_RD__115_8	8	115	116	120	145	26254
DANSKAMR-CHADWICK_115_DW-1	DW-1	115	176	211	258	26219
DANSKAMR-NCHELSEA_115_AC	AC	115	192	211	240	25829
DANSKAMR-NCHELSEA_115_DC	DC	115	178	199	316	25830
DANSKAMR-RYND5_HL_115_DR	DR	115	212	250	278	25831
DANSKAMR-WBALMVLE_115_DB	DB	115	217	250	279	26221
DAVIS_RD-STOLLERD_115_927	927	115	203	226	239	26172
DEERFLD_-SCOBIE____345_373	373	345	1373	1373	1373	26383
DEFERIET-TAYLORVL_115_2-DT	2-DT	115	102	114	134	26090
DELHI____-GR.GORGE_115_916	916	115	89	90	90	26479
DELHI____-VINGR_TP_115_917_916	917	115	120	120	120	25911
DENNISON-NORFOLK__115_4-DA	4	115	182	197	248	25225
DENNISON-SANDSTON_115_5-DS	5	115	182	197	248	25226
DEPEW_TP-DEPEW____115_BK 1	921	115	108	120	120	25428
DEPEW_TP-ERIE_ST__115_921	921	115	120	120	120	26010

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
DEWITT__345_115_BK 2	2	345	517	658	796	25418
DEWITT__-TEALLAVE_115_4-DT	4	115	116	120	145	26094
DULEY__-PLATSBRG_230_DP-1	DP-1	230	249	277	318	25272
DUNKIRK__230_115_BK 31	31	230	139	197	222	25386
DUNKIRK__230_115_BK 41	41	230	133	190	211	25430
DUNKIRK_-BERRY_RD_115_160-1	160	115	220	239	239	26025
DUNKIRK_-BRIGHAM__115_161-1	161	115	168	181	206	26021
DUNKIRK_-LUDLUM_A_115_162-1	162	115	158	171	206	26027
DUNWODIE_345_138_BK N1_W74	W74	345	352	484	577	25209
DUNWODIE-DUNWODIE_138_99997 TIE	99997	138	226	317	342	25532
DUNWODIE-E179THST_138_99153	99153	138	223	314	395	25287
DUNWODIE-MOTTHAVN_345_71	71	345	704	765	1075	25151
DUNWODIE-MOTTHAVN_345_72	72	345	704	765	1075	25191
DUNWODIE-SHERMCRK_138_99031	99031	138	141	176	248	25193
DUNWODIE-SHERMCRK_138_99032	99032	138	194	293	390	25239
DUNWODIE-SHORE_RD_345_Y50	Y50	345	653	914	1436	25091
E.ITHACA-ETNA___115_981-2	981-2	115	84	101	143	25733
E.SAYRE_-NWAVERLY_115_956	956	115	108	128	143	25013
E.SAYRE_-NWAVERLY_115_956	956	115	108	128	147	25013
E.TWANDA-HILLSIDE_230_70	70	230	488	554	554	25014
E.TWANDA-HILLSIDE_230_70	70	230	483	531	636	25014
E.WALDEN-COLDENHM_115_CW	CW	115	232	265	311	26225
E.WALDEN-COLDENHM_115_CW	CW	115	232	257	304	26225
E.WALDEN-MODENA__115_EM	EM	115	232	257	304	25832
E.WALDEN-ROCKTVRN_115_D	D	115	232	265	311	26226
E13THSTA_138_69__BK 111	#111	138	76	108	159	25526
E13THSTA_138_69__BK 112	#112	138	76	108	159	25527
E13THSTA_138_69__BK 113	#113	138	76	108	159	25528
E13THSTA_138_69__BK 114	#114	138	76	108	159	25529
E13THSTA_345/138_BK 10	37374	138	251	280	305	25467
E13THSTA_345/138_BK 11	37375	138	273	288	315	25468
E13THSTA_345/138_BK 12	37376	138	273	288	315	25463
E13THSTA_345/138_BK 13	37377	138	261	288	315	25464
E13THSTA_345/138_BK 14	37373	138	251	280	305	25465
E13THSTA_345/138_BK 15	37372	138	274	312	343	25466
E13THSTA_345/138_BK 16	37378	138	270	304	338	25469
E13THSTA_345_69__BK 17	44371	69	247	321	409	25459
E13THSTA-FARRAGUT_345_45	45	345	623	830	1248	25190
E13THSTA-FARRAGUT_345_46	46	345	655	884	1148	25251
E13THSTA-FARRAGUT_345_47	B47	345	335	645	1010	25177
E13THSTA-FARRAGUT_345_48	48	345	554	740	1149	25252
E179THST-HELLGT_E_138_15053	15053	138	161	245	392	25289
E179THST-HELLGT_E_138_15054	15054	138	161	245	392	25290
E179THST-HELLTP_W_138_15055	15055	138	222	328	479	25288
E179THST-PARKCHTR_138_38X01	38X01	138	162	288	473	25327
E179THST-PARKCHTR_138_38X02	38X02	138	162	288	473	25328

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
E179THST-PARKCHTR_138_38X03	38X03	138	171	286	473	25329
E179THST-PARKCHTR_138_38X04	38X04	138	171	286	473	25330
EAST WALDEN - ROCK TAVERN	J	115	232	257	304	69037
EAST WALDEN - ROCK TAVERN	D	115	232	265	311	69038
EASTPORT-RIVRHEAD_69_951	951	69	77	92	97	26589
EASTPORT-TIANA___69_952_953_95	52/3_95	69	112	112	112	26611
EASTVIEW_345/138_BK 1N	87873	138	370	424	424	25472
EASTVIEW_345/138_BK 1S	87871	138	370	424	424	25373
EASTVIEW_345/138_BK 2N	87874	138	370	424	424	25471
EASTVIEW_345/138_BK 2S	87872	138	370	424	424	25470
EASTVIEW-SPRNBRK__345_W64	W64	345	2293	2708	3232	25143
EASTVIEW-SPRNBRK__345_W65	W65	345	1720	2214	2654	25144
EASTVIEW-SPRNBRK__345_W78	W78	345	2293	2708	3232	25346
EASTVIEW-SPRNBRK__345_W79	W79	345	1720	2214	2654	25153
EDIC/PTR-FRASER___345_EF24-40	EF24-40	345	1836	2125	2470	25112
EDIC/PTR-ROTTRDAM_230_30-PR	30	230	440	505	560	25173
EDIC/PTR-ROTTRDAM_230_31-PR	31	230	439	505	560	25194
EDIC/PTR-VALLEY___115_4-PV	4	115	116	120	145	25231
EDIC_PTR_230_115_BK 1P	2	230	269	320	338	25389
EDIC_PTR_230_115_BK 2P	1	230	269	320	338	25423
EDIC_PTR_345_115_BK 3E	BK#3	345	455	540	679	25424
EDIC_PTR_345_115_BK 4E	BK#4	345	505	629	794	25454
EDIC_PTR_345_230_BK 2E	17	230	479	563	637	25422
EDIC_PTR-DERFIELD_115_8_26_25_23	8262523	115	106	114	127	26116
EDIC_PTR-FRASER___345_EF24-40	EF24-40	345	1532	1532	1532	25112
EDIC_PTR-FRASER___345_EF24-40	EF24-40	345	1195	1195	1195	25112
EDIC_PTR-N.SCTLND_345_14-EN	14	345	1331	1538	1724	25170
EDIC_PTR-WATKINRD_115_5-PW	2	115	116	120	145	25232
EDWARDAV-RIVRHEAD_138_893	864	138	257	297	332	325654
EELPOTRD-MEYER___115_968	968	115	108	128	143	325288
EFISHKIL_345_115_BK 1	F33	345	412	522	531	25724
EFISHKIL_345_115_BK 1	BK 1	345	439	497	560	25724
EFISHKIL-WOOD_ST_345_F38	F38/Y86	345	1839	2606	3396	25367
EFISHKIL-WOOD_ST_345_F39	F39	345	1839	2606	3396	25368
EGRDNCTY_138_69__BK 1	BK 1	138	240	298	336	26652
EGRDNCTY_345_138_BK 1	BK#1	345	444	513	641	25551
EGRDNCTY_345_138_BK 2	BK#2	345	444	513	641	25552
EGRDNCTY_345C_345A_PAR1	PAR1	345	468	630	828	25678
EGRDNCTY_345C_345B_PAR2	PAR2	345	468	630	828	25679
EGRDNCTY-CARLPLCE_138_361	361	138	257	297	332	25533
EGRDNCTY-EGRDNCTR_345_Y49_ST	Y49	345	637	900	1329	325158
EGRDNCTY-NEWBRDGE_138_462	462	138	230	312	396	25303
EGRDNCTY-NEWBRDGE_138_463	463	138	230	338	481	25304
EGRDNCTY-NEWBRDGE_138_465	465	138	230	338	481	25535
EGRDNCTY-NEWBRDGE_69_465_466	465_466	69	55	67	73	26582
EGRDNCTY-ROSLYN___138_362	362	138	257	297	332	25534

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
EKINGSTN-RHINEBCK_115_LR-2	ER	115	175	193	220	26222
ELBRIDGE_345_115_BK 1	BK#1	345	471	557	718	25448
ELBRIDGE-GRS_LOCK_115_19-EG	19	115	116	120	145	26097
ELBRIDGE-GRS_LOCK_115_3-EG	3	115	145	151	185	26098
ELBRIDGE-HYATT___115_15-EH	15	115	129	148	182	25109
ELBRIDGE-LAFAYTTE_345_17-LE	17	345	940	1517	1912	25149
ELBRIDGE-MILTON_C_115_18-EM	18	115	129	148	160	26095
ELBRIDGE-STATE_ST_115_5_972	5	115	129	148	160	25107
ELBRIDGE-STATE_ST_115_5_972	972	115	120	144	156	25107
ELM_ST_-SENECA_A_230_71	71	230	223	254	262	26426
ELM_ST_-SENECA_B_230_72	72	230	223	254	262	26427
ELWOOD___138_69_BK 3	BK3	138	108	133	156	26540
ENDICOTT-RANGEHL_115_920	920	115	148	149	149	26158
ENDICOTT-ROBBLEAV_115_948	948	115	249	254	254	26159
ENORWICH-JENNISON_115_946	946	115	80	110	131	25729
ERIE SO.-S.RIPLEY_230_69	69	230	501	607	637	25016
ERIE SO.-S.RIPLEY_230_69	69	230	499	617	617	25016
ERIE ST - DEPEW TAP	921	115	108	120	120	25086
ERIE_ST_-PAVNMTRD_115_926	926	115	176	179	179	26175
ESTDEVON-SINGER___345_3165	3165	345	600	1128	1128	101015047
ETNA___-LAPEER___115_947-3	1(947)	115	119	147	159	26179
ETNA___-TULLERHL_115_947-2	947	115	108	128	143	26192
ETNA___-TULLERHL_115_947-2	947	115	119	147	159	26192
ETNA___-WILLET___115_945-2	945	115	108	128	145	25731
FAIRPRTA-HOOK_TAP_115_1-FH	3	115	145	151	185	26327
FAIRPRTB-ELBRIDGE_115_2-FE	2	115	129	144	158	26099
FALCONER-HOMER_HL_115_153	153	115	128	147	159	26033
FALCONER-HOMER_HL_115_154	154	115	128	147	159	26032
FARMGTN_115_34_BK 1	BK 1	115	56	67	108	70259
FARMGTN_115_34_BK 2	BK 2	115	56	67	108	70258
FARMGTN_-BORDRCTY_115_977	4	115	156	179	195	25057
FARMGTN_-BORDRCTY_115_977	977	115	150	177	193	25057
FARMGTN_-HAMLTNNM_115_1-HF	1	115	145	151	185	26101
FARRAGUT_345A_138C_BK 9X	BK 9X	345	110	155	195	25636
FARRAGUT_345A_138D_BK 10X	BK 10X	345	110	155	195	25637
FARRAGUT_345B_345A_TR11	TR11	345	497	705	930	25044
FARRAGUT_345C_345A_TR12	A_TR12	345	503	699	930	25043
FARRAGUT-GOWANUSN_345_41	41	345	618	807	1182	25141
FARRAGUT-GOWANUSS_345_42	42	345	618	807	1182	25140
FARRAGUT-HUDS_AVE_138_32077	32077	138	110	155	194	25291
FARRAGUT-HUDS_AVE_138_32078	32078	138	110	155	194	25292
FENERWND-ONEIDA___115_8	3	115	146	157	159	25894
FERNDAL- WWDBURNE_115_959	959	115	90	90	90	26180
FEURABSH-NCATSKLL_115_2-FN	2	115	116	120	145	25067
FEURABSH-NCATSKLL_115_2-FN	2	115	116	120	145	25067
FEURABSH-REYNOLDS_115_17-FR	17	115	176	197	248	25862

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
FISHKPLN-EFISHKIL_115_HF	HF	115	198	229	259	26227
FISHKPLN-SYLVANLK_115_FP	A/990	115	232	253	312	25066
FITZPTRK-EDIC/PTR_345_FE1	FE-1	345	1434	1434	1912	25077
FITZPTRK-EDIC_PTR_345_FE1	FE-1	345	1810	1912	1912	25077
FLATROCK-BROWNFLS_115_2-FBF	2	115	102	122	135	26079
FLATSTR_-EELPOTRD_115_968	968	115	108	128	143	325287
FORGEBRK-SHENDOAH_115_FS	FS	115	193	213	240	26229
FORTDRUM-DEFERIET_115_2-FD	2-FD	115	116	120	145	26091
FOXHILLS-WILLWBRK_138_29211-1	29211-1	138	188	284	451	25771
FOXHILLS-WILLWBRK_138_29212-1	29212-2	138	188	284	451	25772
FRASER__345/115_BK 2	BK#2	345	305	386	420	25391
FRASER__-COOPERS_345_33	FCC-33	345	1836	2125	2470	25236
FRASER__-COOPERS_345_33	33	345	1207	1404	1703	25236
FRASER__-GILBOA__345_GF5-35	GF-5	345	1428	1605	1868	25060
FRASER__-GILBOA__345_GF5-35	35	345	1195	1195	1195	25060
FREEPORT-NEWBRDGE_138_461	461	138	178	273	405	25155
FRESHKLS_138C_138A_R1_21191	21191	138	275	387	486	25639
FRESHKLS_138C_138B_R2_21192	21192	138	272	372	439	25640
FRESHKLS_345_138_TA 1	TA1	138	275	387	486	25457
FRESHKLS_345_138_TB 1	TB1	138	272	372	440	25458
FRONT_ST-ROSA_RD_115_11	11	115	200	239	239	26274
FT._ORAN-HUDSON__115_15	15	115	129	159	159	26514
FTZPK_NM-LIGHTHSE_115_3-FLH	3	115	116	119	145	25502
FULTON__-CLAY__115_4-FC	4	115	116	120	145	25518
GARDENVILLE-ERIE ST.	54	115	129	181	206	25086
GARDNVLA_230/115_BK 6	#6	230	316	409	420	25405
GARDNVLA_230/115_BK 7	#7	230	204	246	300	25435
GARDNVLA-BIGTREE__115_903	904	115	139	163	183	325284
GARDNVLA-GIRDLERD_115_705	705	115	215	239	239	25116
GARDNVLA-STOLLERD_230_66	66	230	474	478	478	25180
GARDNVLB_230_115_BK 2	2	230	258	280	354	25385
GARDNVLB_230_115_BK 3	3	230	141	183	250	25416
GARDNVLB_230_115_BK 4	4	230	141	183	250	25417
GARDNVLB-ARCADE__115_151-1	151	115	129	148	160	26040
GARDNVLB-BETHWEST_115_149	149	115	200	217	260	325317
GARDNVLB-BETHWEST_115_150	150	115	200	217	260	325318
GARDNVLB-COBBLENM_115_152-1	152	115	129	148	160	26023
GARDNVLB-DUNKIRK__230_73	73	230	556	637	637	25166
GARDNVLB-DUNKIRK__230_74	74	230	556	637	637	25197
GARDNVLB-GARDNVLA_115_GARD-NY	T10&11	115	550	682	947	25085
GARDNVLB-GARDNVLA_230_T8-12	T8	230	663	739	773	25089
GARDNVLB-GARDNVLA_230_T8-12	T8-12	230	688	975	1274	25089
GARDNVLB-ST_139_A_115_141-1	141	115	88	101	108	26038
GARDNVLB-ST_139_B_115_142-1	142	115	130	136	165	26037
GARDNVLB-WALDEN__115_54-1	54	115	129	181	206	26035
GE_R_D__-GROOMS__115_20_15	20	115	200	217	260	26266

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
GILBOA__-LEEDS___345_GL3	GL-3	345	1428	1605	2002	25219
GILBOA__-LEEDS___345_GL3	GL-3	345	1810	1989	2390	25219
GILBOA__-N.SCTLND_345_GNS1	GNS-1	345	1428	1605	1868	25052
GILBOA__-N.SCTLND_345_GNS1	GNS-1	345	1810	1989	2384	25052
GINNA__-PANNELL__115_912	912	115	207	247	285	25260
GINNA__-S42_____115_913	913	115	163	234	358	26281
GINNA__-STA_204__115_751 EQ	751-EQ	115	58	65	77	69223
GINNA__-STA_204__115_908-1	908	115	252	302	355	26282
GINNA__-STA_204__115_911-1	911	115	252	302	394	26283
GIRDLERD-STOLLERD_115_706	706	115	203	226	239	325161
GLENWD__-CARLPCE_138_363	363	138	291	321	372	25554
GLENWDGT-ROSLYN___138_364	364	138	291	321	372	25556
GOETHLSS-FRESHKLS_345_21	21	345	920	1010	1281	25138
GOETHLSS-LINDN_CG_345_G23L	G23L	345	643	643	643	26000
GOETHLSS-LINDN_CG_345_G23M	G23M	345	643	643	643	325203
GOETHSLN_345/230_BK 1	BKA2253	345	528	727	817	25642
GOETHSLN_345A_345B_BK 1N	BK#1N	345	499	699	880	25641
GOETHSLN-FRESHKLS_345_22	22	345	982	1391	1622	25137
GOLAH__-MORTIMER_115_110	110	115	130	136	159	26034
GOLAH__-MORTIMER_69_109 EQ	109-EQ	69	51	55	60	69242
GOUDEY__-ROBBLEAV_115_940	940	115	238	277	305	325166
GOUVNEUR-BATTHILL_115_8-GBH	8-GBH	115	63	64	64	26066
GOWANUSA-GREENWD__138_42G24	42G24	138	244	268	268	26007
GOWANUSC-GREENWD__138_42G13	42G13	138	239	268	268	26006
GOWANUSN_138A_138B_PAR R2	R2	138	238	276	328	25793
GOWANUSN_345_138_BK T2	T2	138	238	276	328	25476
GOWANUSN_345KV_REA_R41_REACTR	R41_REA	345	618	807	1183	26001
GOWANUSN-GOETHSLN_345_25	25	345	502	720	1077	25139
GOWANUSN-GREENWD__138_42231	42232	138	238	276	328	25214
GOWANUSS_138A_138B_PAR R14	R14	138	238	276	328	25794
GOWANUSS_345_138_BK T14	T14	138	238	276	328	25475
GOWANUSS_345KV_REA_R42_REACTR	R42_REA	345	618	807	1183	26003
GOWANUSS-GOETHLSS_345_26	26	345	503	720	1077	25571
GOWANUSS-GREENWD__138_42232	42231	138	238	276	328	25215
GR.GORGE-VINGR_TP_115_916 N.O.	916 N.O	115	125	152	193	26478
GREENBSH-CHRCHTWN_115_14-GC	14	115	175	196	224	26126
GREENBSH-FT_ORAN_115_15	15	115	129	159	159	26130
GREENBSH-STEPHTWN_115-993	993	115	35	43	57	26447
GREENBSH-STEPHTWN_115-993	993	115	79	79	79	26447
GREENDGE-FLATSTR__115_968	968	115	108	128	143	26185
GREENDGE-MONTRFL__115_967	967	115	108	128	143	26184
GREENDGE-MONTRFL__115_970	970	115	124	139	159	26183
GREENLWN_138_69_BK5	BK#5	138	108	133	156	26655
GREENLWN-ELWOOD___138_673	673	138	394	466	568	25546
GREENLWN-ELWOOD___69_668	668	69	77	92	97	26559
GREENLWN-SYOSSET__138_676	676	138	269	358	541	25548

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
GREENWD_-FOXHILLS_138_29231	29231	138	170	245	392	25321
GREENWD_-FOXHILLS_138_29232	29232	138	170	245	392	25322
GRMVL-CH-HONK_FLS_69__HG-1	HG-1	69	33	33	33	26233
GRMVL-CH-NEVRSNK__69__HG-2	HG-2	69	39	41	49	26232
GRND_ISL-AMERISTD_115_182-2	182-2	115	168	181	206	26014
GROOMS_-JOHNSON__115_13	13	115	220	252	280	26267
GRS_LOCK-S.OSWEGO_115_9-GS	9	115	142	151	185	25510
GRS_LOCK-SOLVAY__115_8-GS	8	115	116	120	145	26103
GRS_LOCK-TILDEN__115_16-GT	16	115	116	120	145	26102
GUARDIAN-HALEYRD__115_969	969	115	176	179	179	26167
HALEYRD_-GREENDGE_115_969	969	115	176	179	179	325294
HAMILTON RD - LONG BR N.M.	983	115	155	179	193	69053
HAMILTON RD - MORTIMER N.M.	983	115	155	179	193	69138
HAMLTNNM-ELBRIDGE_115_1-HE	1	115	155	179	193	26096
HAMLTNNM-HAMLTNNY_115_BK1	1	115	30	37	56	25394
HAMRHILL-INDK-OSW_115_6-HI	6-HI	115	116	120	145	26114
HANCOCK_-HAZEL___115_955-1	955	115	102	113	120	26187
HARNGCRN-CLOSTER__69__46	46	69	118	135	142	26258
HARNGCRN-MONTVALE_69__658	658	69	104	133	141	26260
HARNGCRN-W.NYACK__69__701	701	69	118	135	142	26259
HARRIMAN-HILLBURN_69_31_311	31	69	118	135	142	26261
HARSNRAD-ROBNSNRD_115_907	907	115	215	247	275	26162
HAUPPAUG-C._ISLIP_138_889	889	138	207	299	420	25681
HAZEL_-FERNDALE_115_955-2	955-2	115	102	113	120	26181
HDSNBRDG-DEWITT__115_10	10	115	207	233	233	325260
HDSNBRDG-DEWITT__115_7	7	115	237	274	318	325261
HELLGATE-ASTORIAW_138_24053	24053	138	140	186	186	25212
HELLGATE-ASTORIAW_138_24054	24054	138	140	186	186	25213
HELLGT_E-ASTORIAE_138_34051	34051	138	161	245	392	25323
HELLGT_E-ASTORIAE_138_34052	34052	138	161	245	392	25324
HELLGT_W-ASTORIAW_138_24051	24051	138	177	276	477	25210
HELLGT_W-ASTORIAW_138_24052	24052	138	177	276	477	25211
HELLGT_W-ASTORIAW_138_24056	24056	138	140	186	186	26461
HICKLING-CATON___115_958	958	115	102	113	120	26189
HICKLING-RIDGE_RD_115_964	964	115	96	124	147	26188
HILLBURN_138_69__BK 317	BK 317	138	203	277	328	26330
HILLBURN_138_69__BK 317	BK 317	138	187	230	265	26330
HILLBURN-RAMAPOOR_138_52	52	138	187	230	265	25882
HILLBURN-RINGWOOD_69__89	89	69	118	135	142	26262
HILLBURN-S.MAHWAH_69__65	65	69	139	159	167	26263
HILLSIDE_230_115_BK 3	BK#3	230	231	294	336	25397
HILLSIDE_230_115_BK 4	BK#4	230	410	511	630	25046
HILLSIDE-CHEMUNG__115_962	962	115	150	176	179	25726
HILLSIDE-WATRCURE_230_69	69	230	550	637	657	25181
HINMAN_-HARSNRAD_115_908	908	115	238	287	306	26161
HISHELDN-WETHSRFD_230_81	81	230	417	479	533	325622

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
HOLBROOK_138_69__BK 1	BK#1	138	240	298	336	69378
HOLBROOK_138_69__BK 2	BK#2	138	104	128	150	69376
HOLBROOK-HOLT_8KU_69__857	857	69	132	144	144	26545
HOLBROOK-HOLT_8KU_69__866	866	69	132	162	179	26546
HOLBROOK-HOLTSVLE_138_888	888	138	731	809	935	25542
HOLBROOK-NSHORBCH_138_884	884	138	434	480	586	25341
HOLBROOK-PORTJEFF_69__864_876	876	69	120	139	144	26607
HOLBROOK-PORTJEFF_69__865_875	875	69	120	139	144	26608
HOLBROOK-SILLSRD__138_872	872	138	390	435	498	25340
HOLTSVLE-SILLSRD__138_873	874	138	473	520	623	325618
HOLTSVLE-UNIONAVE_138_818	818	138	172	224	390	25584
HOMER C_-STOLLERD_345_37	37	345	605	757	840	25036
HOMER C_-STOLLERD_345_37	37	345	1219	1386	1386	25036
HOMER C_-STOLLERD_345_37	37	345	1670	1931	2210	25036
HOMER C_-WATRCURE_345_30	30	345	926	927	927	25018
HOMER C_-WATRCURE_345_30	30	345	1034	1034	1034	25018
HOMER_HL-NILE____115_157-1	157	115	78	85	98	26041
HONK_FLS-HIGH_FLS_69__HK	HK	69	33	41	48	26237
HONK_FLS-MODENA__69__MK	MK	69	33	41	44	26236
HOOK_TAP-FARMGTN__115_1-HF	1	115	145	151	185	26100
HOOK_TAP-HOOK_RD__115_BK3	3	115	129	151	185	26503
HOPKINS_-TEALLAVE_115_11-HT	11	115	220	239	239	26105
HOYTSHIL-ARCHERLN_345_3403-2	3403-2	345	1912	2390	2390	101015018
HUDS_AVE-JAMAICA__138_701	701	138	153	213	365	25294
HUDS_AVE-JAMAICA__138_702	702	138	153	213	365	25295
HUDSON_-PLSTVYCH_115_12-HP	12	115	129	159	159	25499
HUDSON_-PLSTVYCH_115_12-HP	12-HP	115	129	158	192	25499
HUDSONP_-FARRAGUT_345_B3402	B3402	345	560	795	795	25020
HUDSONP_-FARRAGUT_345_B3402	B3402	345	519	699	929	25020
HUDSONP_-FARRAGUT_345_C3403	C3403	345	536	761	761	25038
HUDSONP_-FARRAGUT_345_C3403	C3403	345	497	705	929	25038
HUNTLEY__115_13__GSU EQ	GSU-EQ	115	437	440	440	70323
HUNTLEY_-ELM_ST__230_70	70	230	432	477	491	25855
HUNTLEY_-SAWYER__230_79	79	230	566	654	755	25127
HUNTLEY_-SAWYER__230_80	80	230	566	654	755	25128
HUNTLEY_-ST_60_36_115_36-1	36	115	168	181	199	26046
HUNTLEY_-ST_60_37_115_37-1	37	115	168	181	206	26045
HUNTLEY_-STA_129_115_39-1	39	115	145	151	185	26044
HUNTLEY_-STA_154_115_38-1	38	115	145	151	185	26047
HURLYAVE_115_69__TR 3	TR#3	115	95	118	149	25837
HURLYAVE_345/115_BK 1	BK 1	345	419	481	488	25419
HURLYAVE-BOULEVRD_69__I	I	69	62	73	82	26213
HURLYAVE-LINCNRK_115_HP	HP	115	198	229	259	25833
HURLYAVE-OHIOVLE_115_OR	OR-1	115	129	183	211	25834
HURLYAVE-ROSETON__345_303	303	345	1395	1623	1870	25218
HYATT____115/34__BK 1	1	115	54	67	100	70329

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
HYATT__-BORDRCTY_115_979	979	115	150	179	179	25106
HYATT__-BORDRCTY_115_979	15	115	129	148	160	25106
IMC_TAP_-MECO_____115_15-IM	15	115	125	143	154	26132
INDK-OSW-LIGHTHSE_115_2-ILH	2	115	114	120	142	25503
INDN_PT3-BUCHAN_S_345_W96	W96	345	1574	1762	1991	25570
INDPDNCE-SCRIBA__345_25	25	345	1670	1931	2210	25859
INGHAM_C_115_115_PAR 2	2	115	167	197	239	25242
INGHAM_C-INGHAM_E_115_R81	R81	115	182	197	239	25243
INGHAM_E-ESPRGFLD_115_942-1	7(942)	115	105	114	134	25061
INGHAM_E-ESPRGFLD_115_942-1	941	115	80	106	131	25061
INGHAM_E-IMC_TAP__115_15-II	15-II	115	106	114	134	25871
INGHAM_E-IMC_TAP__115_15-II	15-II	115	105	114	134	25871
INGHAM_E-STJHNVLE_115_6-IS	6	115	86	90	107	26133
INGHAM_E-STONER__115_9-IS	12	115	105	114	134	25863
IP_CRNTH-SPIERFLS_115_9-IPS	9-IPS	115	80	88	112	26118
JAMAICA_-LAKSUCSS_138_903	903	138	238	341	428	25090
JAMAICA_-LAKSUCSS_138_903	903	138	238	341	428	25090
JAMAICA_-VALLYSTR_138_901 L_M	901L+M	138	272	361	441	25048
JAMAICA_-VALLYSTR_138_901 L_M	901L_M	138	272	361	441	25048
JENNISON-DELHI____115_949	949	115	80	110	120	26173
JENNISON-HANCOCK__115_954	954	115	102	113	120	26186
JOHNSON_-MAPLEWOD_115_12	12	115	220	239	239	26268
KATONAH_-AMAWALK__115_995	991	115	215	247	275	325279
KATONAH_-CROTONFL_115_991	991	115	215	247	275	26157
KENTAVE_-GREENWD__138_31232-2	31231-2	138	169	240	387	25299
KENTS_FL-SARANAC__115_1-KS	1-KS	115	125	152	183	26206
KENTS_FL-SCOTAFLT_115_913	913	115	120	120	120	26207
KINTIGH_-ROCHESTR_345_SR-1	39	345	1649	1781	1793	25073
KINTIGH_-ROCHESTR_345_SR-1	SR1-39	345	1301	1501	1685	25073
KINTIGH_-ROCHESTR_345_SR-1	SR1-39	345	1648	1817	2123	25073
KNAPPCRN-PLSNTVLY_69__G	G	69	41	44	51	26239
KNAPPCRN-SANDDOCK_115_KB/KC	KB	115	198	226	259	26240
LADENTWN-BOWLINE__345_68	68	345	687	747	747	25249
LADENTWN-BUCHAN_S_345_Y88	Y88	345	1703	1890	2398	25185
LADENTWN-WHAVSTRW_345_67-2	67	345	1720	2214	2654	25248
LAFAYTTE-DEWITT__345_22-DL	22	345	1670	1912	1912	25174
LAFAYTTE-OAKDALE__345_4-36	4(36)	345	1670	1912	1912	25049
LAFAYTTE-OAKDALE__345_4-36	36	345	1195	1195	1195	25049
LAKSUCSS_138_69__BK 5	BK#5	138	239	297	335	26603
LAKSUCSS_138_69__BK 6	BK#6	138	238	298	335	325098
LAKSUCSS_138A_138B_PAR	PAR	138	321	399	450	25593
LANGDON_-NORTHSDE_115_936	936	115	176	196	225	26160
LAUREL L-GOUDEY__115_952	952	115	108	128	143	25012
LAUREL L-GOUDEY__115_952	952	115	116	151	151	25012
LEEDS__-ATHENS__345_95	95	345	1331	1538	1724	25789
LEEDS__-ATHENS__345_95	95	345	1331	1538	1724	25789

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
LEEDS___-HURLYAVE_345_301	301	345	1395	1623	1870	25055
LEEDS___-HURLYAVE_345_301	301	345	1529	1766	1912	25055
LEEDS___-PLSNTVLY_345_92	92	345	1331	1538	1724	25056
LEEDS___-PLSNTVLY_345_92	92	345	1331	1538	1723	25056
LIGHTHSE-CLAY___115_7-CL	7	115	116	120	145	25521
LINCNPRK-EKINGSTN_115_LR-1	LR-1	115	193	213	240	26223
LINDENP_-GOETHSLN_230_A2253	A2253	230	605	714	821	25017
LINDENP_-GOETHSLN_230_A2253	A2253	230	605	714	821	25017
LOCKPORT-HINMAN___115_100	100	115	238	288	329	25087
LOCKPORT-HINMAN___115_100	100	115	200	217	260	25087
LOCKPORT-N.AKRN_1_115_108-2	108	115	130	136	165	25266
LOCKPORT-OAKFIELD_115_112-1	112	115	131	144	158	25300
LOCKPORT-SWEDEN_A_115_111-1	111	115	131	144	158	25262
LOCKPORT-SWEDEN_B_115_113-1	113	115	143	165	180	25263
LOCKPORT-TELGRAPH_115_107-1	107	115	199	199	199	25265
LOCKPORT-TELGRAPH_115_114-1	114	115	143	165	180	25264
LOCUSTGR-NEWBRDGE_138_558	558	138	359	466	568	25158
LONG_MTN-PLSNTVLY_345_398	398	345	1297	1500	1772	25033
LONG_MTN-PLSNTVLY_345_398	398	345	1135	1317	1599	25033
LONG_MTN-PLUM TRE_345_321	321	345	1434	1649	1936	25720
LONGLANE-BLUE_CIR_115_6-BS	6	115	116	120	145	25864
LOVETT___138_69__BK 147	BK#147	138	94	130	149	26331
LOVETT___-BOWLINOR_138_56	562	138	234	267	281	25877
LOVETT___-W.NYACK_69_55_551	551	69	95	108	114	25886
LOWVILLE-BOONVLL_115_5-LB	5-LB	115	106	114	134	26075
LUDLOW___-BARBOURH_345_3419	3419	345	1240	1604	1936	101015040
LUDLOW___-CARP HL_345_301	301	345	1240	1416	1489	25722
LUDLOW___-NORTHFLD_345_354	354	345	1434	1649	1936	25713
LUDLUM_A-FALCONER_115_162-2	162	115	88	101	108	26031
LUDLUM_B-FALCONER_115_161-3	161	115	88	101	108	26030
LYON_MTN-KENTS_FL_115_911	911	115	112	131	143	26205
MALONE___-NICHVLV_115_3-NM	3	115	129	163	183	25585
MALONE___-WILLIS___115_1-MW	1(910)	115	129	182	199	25586
MALONE___-WILLIS___115_1-MW	WM-1	115	239	239	318	25586
MALONE___-WILLIS___115_1-MW	910	115	135	159	175	25586
MANCHSTR-KNAPPCRN_115_MC	MC	115	198	226	259	26241
MAPLEWOD-ARSENAL___115_15	31	115	129	176	224	25844
MAPLEWOD-MENANDS___115_19-MM	19	115	113	124	135	25870
MARCY___765_345_BK 1	MAR-AT1	765	1488	1668	1718	25455
MARCY___765_345_BK 2	MAR-AT2	765	1488	1650	1971	25456
MARCY___-COOPERS_345_UC2-41	UCC2-41	345	1345	1345	1793	25113
MARCY___-COOPERS_345_UC2-41	41	345	1434	1434	1434	25113
MARCY___-EDIC_PTR_345_UE1-7	UE1-7	345	1677	1953	2322	25229
MARCY___-EDIC_PTR_345_UE1-7	UE1-7	345	1810	1989	2390	25229
MARCY___-N.SCTLND_345_18	18	345	1488	1650	1971	25276
MARCY___-N.SCTLND_345_18	18	345	1670	1931	2210	25276

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
MARSHVLE-CLINTON__115_12	12	115	125	143	154	325267
MASSENA__765_230_BK 1	MAS-AT1	765	936	1151	1348	25665
MASSENA__765_230_BK 2	MAS-AT2	765	936	1151	1348	25666
MASSENA_-MARCY____765_MSU1	MSU1	765	3975	3975	5300	25224
MCADOO_-BATTHILL_115_6-MBH	6	115	76	87	94	26064
MCINTYRE-COLTON__115_8-MC	8	115	76	87	94	25514
MCINTYRE-MCADOO__115_6	6	115	128	147	159	26108
MCKNOWNV-NEWKRMKL_115_8	8_7	115	248	277	317	26499
MECO____-CHURCH_S_115_10-AM	10	115	125	143	154	26120
MENANDS_-REYNOLDS_115_2-MR	2	115	217	250	280	26135
MENANDS_-RIVERSDE_115_3-MR	3	115	165	184	211	26134
MEYER__230_115_BK 4	BK#4	230	231	294	336	25398
MEYER__-BENNETT_115_966	966	115	125	152	179	26166
MEYER__-CANANDGA_230_60	60	230	483	556	634	325604
MIDDLEOR-SHOEMAKR_138_29	29	138	584	666	706	26468
MIDDLEOR-SHOEMAKR_138_29	29	138	527	603	636	26468
MIDDLETP_345_138_BK 114	BK114	345	506	587	671	26465
MIDDLETP-ROCKTVRN_345_MTR-34	MTR-34	345	1464	1793	1793	26464
MIDDLTWN-SCOV RCK_345_384	384	345	717	1004	1219	26389
MILAN__-PLSTVYCH_115_10	10	115	160	166	206	26433
MILAN__-PLSTVYCH_115_10	10	115	124	138	158	26433
MILAN__-RHINEBCK_115_MR	MR	115	175	193	220	26242
MILLBURY-CARP HL_345_302	302	345	1313	1405	1494	25721
MILLERPL-HOLBROOK_138_885	885	138	434	480	586	26691
MILLIKEN-ETNA__115_974	974	115	185	224	255	26177
MILLIKEN-ETNA__115_975	975	115	185	224	255	26178
MILLWOOD_345_138_TA 1	96922	138	216	307	346	25530
MILLWOOD_345_138_TA 2	96921	138	205	297	321	25531
MILLWOOD-EASTVIEW_345_W82	W82	345	2293	2708	3232	25147
MILLWOOD-EASTVIEW_345_W85	W85	345	2293	2708	3232	25258
MILLWOOD-EASTVIEW_345_W99	W99	345	2293	2708	3232	25255
MILTON_C-GRS_LOCK_115_18-MG	18	115	129	148	160	26104
MNCHESTR-CARD____345_368	368	345	1240	1446	1888	25710
MNCHESTR-MEEK.JCT_345_395-3	395-3	345	1240	1604	1969	25900
MNCHESTR-MILSTONE_345_310	310	345	1488	1912	2097	25336
MNCHESTR-SCOV RCK_345_353	353	345	1240	1604	2097	25714
MNTNDALE-WWDBURNY_115_957		115	108	120	120	325616
MODENA__115/69_TR 1	BK TR	115	33	41	53	26325
MODENA_-OHIOVILLE_115_PX	PX	115	232	253	304	25835
MOHICAN_-BATNKILL_115_15-BM	15	115	105	114	134	26122
MOHICAN_-MULTP-3__115_3	3	115	116	120	145	26687
MONROE_-HARRIMAN_69__312	312	69	124	144	152	26269
MONROE_-HARRIMAN_69__312	312	69	118	135	142	26269
MONROE_-SUGRLOAF_69__313	313	69	124	144	152	26270
MONROE_-SUGRLOAF_69__313	313	69	118	135	142	26270
MONSEY_-BURNS____138_601	601	138	425	451	475	325608

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
MONTRFL_-CODNIGTN_115_982	982	115	108	128	144	25728
MONTRFL_-RIDGE_RD_115_963-2	963	115	108	127	133	26196
MONTRFL_-RIDGE_RD_115_978-2	978	115	108	128	145	26197
MONTVALE-GRANDAV__69__656	652	69	84	95	98	26271
MONTVILL-MILSTONE_345_371	371	345	1488	1912	2097	25334
MORTIMER-FAIRPRTA_115_1-FM	1	115	129	151	185	25163
MORTIMER-FAIRPRTB_115_2-FM	2	115	129	144	158	25240
MORTIMER-PITSFRDB_115_24-1	NMP #24	115	207	240	240	25096
MORTIMER-PITSFRDB_115_24-1	24	115	129	148	160	25096
MORTIMER-PITSFRDC_115_25-1	NMP#25	115	114	123	142	25095
MORTIMER-PITSFRDC_115_25-1	25	115	125	143	154	25095
MOSES___115_13__BK 7	BK 7	115	256	258	258	70410
MOSES___115_13__BK 8	BK 8	115	256	258	258	70409
MOSES___230/115__BK 1	SL-AT1	230	401	490	646	25411
MOSES___230/115__BK 2	SL-AT2	230	401	490	646	25451
MOSES___230/115__BK 3	SL-AT3	230	192	240	287	25452
MOSES___230/115__BK 4	SL-AT4	230	537	598	773	25453
MOSES___230_13__BK 5	BK 5	230	256	258	258	70414
MOSES___230_13__BK 6	BK 6	230	256	258	258	70413
MOSES___-ADIRNDCK_230_MA1	MA-1	230	348	386	440	25269
MOSES___-ADIRNDCK_230_MA2	MA-2	230	348	386	440	25270
MOSES___-ALCOA_N._115_MAL4	MAL-4	115	218	253	291	25582
MOSES___-ALCOA_N._115_MAL6	MAL-6	115	218	253	291	25581
MOSES___-ALCOA_S._115_MAL5	MAL-5	115	238	275	310	25583
MOSES___-MASSENA_230_MMS1	MMS1	230	936	1151	1348	25274
MOSES___-MASSENA_230_MMS2	MMS2	230	936	1151	1348	25275
MOSES___-MGR-1___115_MGR-1	MGR-1	115	144	145	157	26328
MOSES___-MGR-2___115_MGR-2	MGR-2	115	144	145	157	26335
MOSES___-MR-3___115_MG-3	MG-3	115	195	234	281	26332
MOSES___-WILLIS___230_MW1	MW-1	230	348	386	440	25188
MOSES___-WILLIS___230_MW2	MW-2	230	348	386	440	25271
MOSHIER_-TAYLORVL_115_7-MT	7	115	49	49	49	26109
MOTTHAVN-RAINEY___345_Q11	Q11	345	704	765	1075	325430
MOTTHAVN-RAINEY___345_Q12	Q12	345	704	765	1075	325431
MOUNTAIN-NIAGARA	121	115	176	211	240	25070
MOUNTAIN-NIAGARA	MT-121	115	239	239	319	25070
MOUNTAIN-NIAGARA	MT-122	115	239	239	319	25072
MOUNTAIN-NIAGARA(PASNY)	122	115	176	211	240	25072
MOUNTAIN-SWANROAD_115_103-2	103	115	176	211	240	26054
MOUNTAIN-SWANROAD_115_104-3	104	115	193	213	240	26053
MTCHGRDN-NEWBRDGE_69__475	475	69	124	144	144	25606
MULTP-10-MULBRYNM_115_986	986	115	91	97	100	26476
MULTP-10-N.TROY___115_10	10	115	182	197	237	26474
MULTP-3_-MULBRYNM_115_985 N.O.	985 N.O	115	91	97	100	26477
MULTP-3_-N.TROY___115_3	3	115	106	114	119	26475
MULTP-3_-N.TROY___115_3	3	115	105	114	119	26475

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
N._SALEM-BATNKILL_115_989	989	115	40	50	57	26448
N.AKRN_1-BATAVIA__115_107-3	107	115	159	159	159	25124
N.AKRN_1-BATAVIA__115_108-1	108	115	125	136	154	25125
N.END___115_46__BK 1	BK 1	115	61	61	69	25849
N.END___-ASHLEYRD_115_702	702	115	287	333	388	25846
N.END___-PLATSBRG_115_701	701	115	239	239	239	25848
N.END___-PLATSBRG_115_701	701	115	287	333	388	25848
N.HEMPST-WHAVSTOR_138_530	530	138	248	288	304	26506
N.HEMPST-WHAVSTOR_138_530	530	138	236	270	285	26506
N.SCTLND_345/115_BK 1	BK#1	345	458	474	489	25445
N.SCTLND_345_115_BK 2	BK#2	345	510	690	794	25460
N.SCTLND-ALBANY__115_8-NA	8	115	278	321	368	25496
N.SCTLND-ALPS___345_2-AN	2	345	1204	1326	1685	25217
N.SCTLND-ALTAMONT_115_20-NV	20	115	116	120	145	25492
N.SCTLND-BETHLHEM_115_4-NB	4	115	254	294	319	25497
N.SCTLND-FEURABSH_115_3-NF	3	115	254	292	333	25495
N.SCTLND-FEURABSH_115_9	9	115	116	120	145	25490
N.SCTLND-LEEDS___345_93-LN	93	345	1331	1538	1724	25171
N.SCTLND-LEEDS___345_94-LN	94	345	1331	1538	1724	25203
N.SCTLND-PLASTICS_115_7	7	115	116	120	145	25491
N.SCTLND-ROTTRDAM_115_13-NR	13	115	241	265	333	25494
N.SCTLND-VORHVSLE_115_19-NV	19	115	105	114	134	25493
N.TROY__-REYNOLDS_115_16-NR	16	115	182	197	237	26139
N.TROY__-WYNTKLNM_115_14-NW	14	115	129	182	237	26137
NBRDWYNM-ERIE_ST__115_922	922	115	124	139	159	26011
NBRDWYNM-ERIE_ST__115_922	922	115	160	166	206	26011
NCATSKLL_115_69__TR 4	TR 4	115	48	60	79	25839
NCATSKLL_115_69__TR 5	TR 5	115	45	55	73	25818
NCATSKLL-CEMENT__69__H-1	H	69	77	81	97	26215
NCATSKLL-MILAN___115_T7	T7	115	124	138	159	26243
NCATSKLL-MILAN___115_T7	T7	115	186	214	237	26243
NHELSEA_115/69__BK TR1	BK TR1	115	33	41	53	25836
NHELSEA-FISHKPLN_115_NF	NF	115	217	250	278	26228
NHELSEA-FORGEBRK_115_FO	FO	115	176	211	240	26230
NHELSEA-KNAPPCRN_69__TY	TY	69	41	44	51	26220
NEPTUNE_-DUFFYAVE_345_NEPTUNE	NEPTUNE	345	660	785	785	325304
NEVRSNK_-NVRSK_TP_69__WH1-2	WH1-2	69	53	59	67	26244
NEVRSNK_-WDELV_TP_69__HG	HG-2	69	48	53	64	325624
NEWBRDGE_138_69__BK 6	BK 6	138	120	149	168	26604
NEWBRDGE_138_69__BK 7	BK 7	138	120	149	168	26605
NEWBRDGE-BAGATLRD_138_563	563	138	377	538	617	25536
NEWBRDGE-EGRDNCTY_138_467	467	138	248	358	488	325378
NEWBRDGE-JERICH0_69__474	474	69	69	87	93	26606
NEWBRDGE-LEVITWVN_69__565	565	69	143	144	144	26584
NEWBRDGE-RULAND__138_561	561	138	257	297	332	25305
NEWBRDGE-RULAND__138_562	562	138	257	297	332	25306

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
NEWBRDGE-RULAND__138_567	567	138	279	422	473	325379
NEWKRMKL-ALBANY__115_7	7	115	248	277	317	325257
NEWKRMKL-ALBANY__115_7	7	115	275	303	354	325257
NIAGARA__230/115_BK T1	N-AT1	230	192	239	288	25409
NIAGARA__230/115_BK T2	N-AT2	230	249	359	424	25410
NIAGARA__345/230_BK 3	N-AT5	345	384	479	575	25408
NIAGARA__345/230_BK 5	N-AT4	345	384	479	575	25450
NIAGARA__345_230_BK 4	N-AT3	345	663	717	848	25449
NIAGARA_-GARDNVLB_115_180	180	115	160	166	206	25104
NIAGARA_-GARDNVLB_115_180	GV-180	115	248	275	328	25104
NIAGARA_-KINTIGH_345_NS1-38	38	345	1649	1781	1793	25074
NIAGARA_-KINTIGH_345_NS1-38	NS1-38	345	1301	1501	1685	25074
NIAGARA_-LOCKPORT_115_101	LK-101	115	248	275	328	25267
NIAGARA_-LOCKPORT_115_101	101	115	200	217	260	25267
NIAGARA_-MOUNTAIN_115_120	MT-120	115	248	275	328	25135
NIAGARA_-MOUNTAIN_115_120	120	115	176	211	258	25135
NIAGARA_-PACKARD__115_191	PK-191	115	248	275	328	25075
NIAGARA_-PACKARD__115_191	191	115	275	303	354	25075
NIAGARA_-PACKARD__115_192	PK-192	115	248	275	328	25099
NIAGARA_-PACKARD__115_192	192	115	275	303	354	25099
NIAGARA_-PACKARD__115_193	194	115	275	303	354	25100
NIAGARA_-PACKARD__115_193	PK-194	115	248	275	328	25100
NIAGARA_-PACKARD__115_194	PK-193	115	248	275	328	25101
NIAGARA_-PACKARD__115_194	194	115	275	303	354	25101
NIAGARA_-PACKARD__115_195	PK-195	115	248	275	328	25102
NIAGARA_-PACKARD__115_195	195	115	275	299	354	25102
NIAGARA_-PACKARD__230_61	PK-61	230	620	717	841	25186
NIAGARA_-PACKARD__230_61	PK-61	230	626	727	846	25186
NIAGARA_-PACKARD__230_62	PK-62	230	626	727	846	25220
NIAGARA_-PACKARD__230_62	PK-62	230	620	717	841	25220
NIAGARA_-ROBNSNRD_230_64	64	230	550	637	717	25088
NIAGARA_-ROBNSNRD_230_64	RR-64	230	496	550	657	25088
NIAGARA_-ROCHESTR_345_NR2	NR2	345	1301	1501	1685	25084
NIAGARA_-ROCHESTR_345_NR2	NR2	345	1648	1817	2123	25084
NIAGARA_-SANDBORN_115_102-2	LK-102	115	248	275	328	25103
NIAGARA_-SANDBORN_115_102-2	102	115	200	217	260	25103
NIAGBLVD-NBRDWYNM_115_181-2	181	115	174	181	226	26057
NICHLVLE-PARISHVL_115_3-PN	3	115	128	147	159	26110
NILE____-ANDOVER_115_157-2	157-2	115	117	126	147	26016
NINEMILE-CLAY____345_8-NC	8	345	1032	1271	1685	25167
NINEMILE-FTZPK_NM_115_4-NF	4	115	119	119	159	25500
NINEMILE-SCRIBA__345_9-NS	9	345	1032	1284	1562	25359
NOGDNBRG-MCINTYRE_115_9-NOM	9-NOM	115	128	147	159	26080
NORFOLK_-SANDSTON_115_4-NS	4-NS	115	220	253	280	26111
NORTHFLD-VT YANK__345_381	381	345	1195	1195	1323	25707
NRTH1385-NOR HBR__138_601	601	138	155	192	430	325597

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
NRTH1385-NOR HBR__138_601	601	138	147	182	409	325597
NRTH1385-NOR HBR__138_602	602	138	155	192	430	325598
NRTH1385-NOR HBR__138_602	602	138	147	182	409	325598
NRTH1385-NOR HBR__138_603	603	138	155	192	430	325599
NRTH1385-NOR HBR__138_603	603	138	147	182	409	325599
NRTH1385-NRTHPORT_138_1385	1385	138	301	344	452	25035
NRTH1385-NRTHPORT_138_1385	1385	138	286	513	641	25035
NRTHPORT_138_138_PS2	BUS/PS2	138	406	505	570	25599
NRTHPORT_138N_138E_PAR 1	PAR 1	138	447	450	450	25598
NRTHPORT-ELWOOD__138_681	681	138	352	504	604	25544
NRTHPORT-ELWOOD_W_138_678	678	138	352	504	604	25543
NRTHPORT-PILGRIM__138_672	672	138	204	267	353	25307
NRTHPORT-PILGRIM__138_677	677	138	409	532	705	25308
NRTHPORT-PILGRIM__138_679	679	138	409	532	705	25309
OAKDALE__230/115_BK 1	BK#1	230	275	400	440	25400
OAKDALE__345_115_BK 2	BK#2	345	491	587	599	25401
OAKDALE__345_115_BK 3	BK#3	345	420	499	600	25399
OAKDALE_-DELHI__115_919	919	115	161	177	179	25897
OAKDALE_-ENDICOTT_115_938	938	115	161	177	225	26198
OAKDALE_-FRASER__345_32	32	345	1255	1518	1793	25235
OAKDALE_-GOUDEY__115_939	939	115	238	239	239	26182
OAKDALE_-KATTLVLE_115_943	943	115	139	163	192	26201
OAKDALE_-NORTHSDE_115_944	944	115	185	224	239	26199
OAKFIELD-BATAVIA__115_112-2	112	115	128	136	159	25126
OAKWOOD_-ELWOOD_E_138_674	674	138	394	466	568	25545
OAKWOOD_-SYOSSET__138_675	675	138	269	358	541	25547
OHIOVLE_115/69__BK TR1	BK TR	115	33	41	53	25819
OHIOVLE-RYND_S HL_115_OR/HR	OR/HR	115	161	177	225	26247
ONEIDA__-WALESVIL_115_7	7	115	116	120	145	26115
ONEIDA__-YAHNUNDA_115_6	6	115	105	114	134	26113
OSWEGO__345_115_BK 7	BK 7	345	490	552	690	25372
OSWEGO__-ELBRIDGE_345_17-EO	17	345	1207	1326	1685	25234
OSWEGO__-S.OSWEGO_115_3-OS	3	115	209	239	239	25507
OSWEGO__-S.OSWEGO_115_5-OS	5	115	209	239	239	25508
OSWEGO__-S.OSWEGO_115_8-OS	8	115	400	462	478	25509
OSWEGO__-VOLNEY__345_11-OV	11	345	1200	1326	1685	25199
OSWEGO__-VOLNEY__345_12-OV	12	345	1200	1326	1685	25201
PACKARD__230_115_BK 3	3	230	141	183	250	25414
PACKARD__230_115_BK 4	4	230	141	183	250	25415
PACKARD_-GRND_ISL_115_182-1	182	115	200	208	265	26056
PACKARD_-NIAGBLVD_115_181-1	922	115	124	139	159	26055
PACKARD_-NIAGBLVD_115_181-1	181	115	160	166	206	26055
PACKARD_-SAWYER__230_77	78	230	556	644	746	25164
PACKARD_-SAWYER__230_78	77	230	556	644	746	25195
PACKARD_-WALCK_RD_115_129	129	115	239	283	283	25906
PACKARD_-ZIMMERM1_115_130-2	130	115	168	181	206	26059

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
PANNELL_345/115_BK 1	122 2TR	345	235	280	290	25396
PANNELL_345/115_BK 2	122 1TR	345	235	280	290	25431
PANNELL_345/115_BK 3	122 3TR	345	235	280	290	25572
PANNELL_-CLAY____345_PC1	1	345	1810	1989	2390	25058
PANNELL_-CLAY____345_PC1	1	345	1195	1315	1673	25058
PANNELL_-CLAY____345_PC2	2	345	1195	1315	1673	25050
PANNELL_-CLAY____345_PC2	2	345	1810	1989	2390	25050
PANNELL_-CLAY____345_PC1	PC-1	345	1301	1501	1685	25058
PANNELL_-CLAY____345_PC2	PC-2	345	1301	1501	1685	25050
PANNELL_-FARMGTN__115_4-FP	4	115	207	247	285	25080
PANNELL_-FARMGTN__115_4-FP	4	115	220	252	280	25080
PANNELL_-PITSFRDB_115_25	NMP#25	115	114	123	142	26285
PANNELL_-PITSFRDB_115_25	25	115	125	143	154	26285
PANNELL_-PITSFRDC_115_24	NMP #24	115	207	240	240	26284
PANNELRG-PITSFRDC_115_24	24	115	129	148	160	26284
PARISHVL-COLTON__115_3-CP	3	115	119	128	152	25241
PATROON_-MCKNOWNV_115_6	8	115	258	321	368	25866
PATROON_-PATRTAP__115_15	15	115	160	176	224	25867
PATRTAP_-MENANDS__115_15	15	115	106	114	134	26493
PATRTAP_-MENANDS__115_15	15	115	116	120	145	26493
PAWLING_-CROTONFL_115_994	994	115	176	179	179	25902
PEARLRVR_69_34__BK 431	BK 431	69	32	38	52	26695
PEARLRVR_69_34__BK 431	BK 431	69	29	33	40	26695
PEARLRVR-MONTVALE_69__491	49	69	116	135	142	26273
PEAT ST_-HDSNBRDG_115_10	10-DP	115	207	233	233	26648
PEAT ST_-HDSNBRDG_115_7	7	115	237	274	318	26649
PETERBOR_ONEIDA__115_5	5	115	116	120	145	25896
PILGRIM_-COMMACK__69_674	674	69	77	92	97	26539
PILGRIM_-HAUPPAUG_138_871	871	138	305	367	420	25550
PILGRIM_-HOLTSVLE_138_881	881	138	487	543	623	25537
PINELAWN-W.BABYLN_69__754	754	69	77	92	97	26528
PITSFRDB_115_34__BK 1B	BK 1B	115	55	56	56	70473
PITSFRDB_115_34__BK 2	BK 2	115	55	56	56	70545
PITSFRDB-QUAKERRD_115_23-1	23	115	145	151	185	26288
PITSFRDB-QUAKERRD_115_23-1	NMP #23	115	180	180	180	26288
PITSFRDB-S42B____34__727	727	34	33	39	41	26304
PITSFRDB-STa_82__115_23-2	NMP #23	115	175	211	237	26287
PITSFRDB-STa_82__115_23-2	23	115	145	151	185	26287
PLAINVIE-RULAND__69__560	560	69	87	101	107	26562
PLASTICS-LONGLANE_115_7	7	115	197	199	199	26501
PLATSBG2-PLATSBG5_115_1MLD2 EQ	1MLD2EQ	115	60	81	96	26424
PLATSBG2-SARANAC__115_PS1	PS-1/B	115	96	123	150	25078
PLATSBG4-PLATSBG6_115_2MLD3 EQ	2MLD3EQ	115	178	179	205	69890
PLATSBRG_230_115_BK 1	BK 1	230	250	312	375	25669
PLATSBRG_230_115_BK 4	BK 4	230	280	314	392	26336
PLATSBRG-PLATSBG4_115_1MLD1 EQ	1MLD1EQ	115	217	250	281	26216

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
PLATSBRG-PLATSBG4_115_2MLD1 EQ	2NLD1EQ	115	217	250	281	26457
PLATSBRG-PLATSBRG_115_IPC TIE	IPC TIE	115	158	159	159	26264
PLATTSBURGH PMLD #2	PS-1/A	115	157	179	197	69888
PLSNTVLE_345/13__BK 1	1	138	59	67	67	25477
PLSNTVLE_345/13__BK 2	2	138	59	67	67	25478
PLSNTVLE-DUNWODIE_345_W89	W89	345	1720	1976	2262	25182
PLSNTVLE-DUNWODIE_345_W90	W90	345	1720	1976	2262	25250
PLSNTVLY-EFISHKIL_345_F36	F36	345	1720	2214	2654	25256
PLSNTVLY-EFISHKIL_345_F37	F37	345	1720	2214	2654	25257
PLSNTVLY-FISHKPLN_115_C_A	C	115	143	164	178	26210
PLSNTVLY-MANCHSTR_115_M	M	115	203	226	260	26208
PLSNTVLY-WOOD_ST_345_F30	F30	345	1720	2214	2654	25237
PLSNTVLY-WOOD_ST_345_F31	F31	345	1720	2214	2654	25238
PLSTVYCH_115_69__TR 10	TR 10	115	113	143	143	25840
PLSTVYCH_345_115_BK S1	BK S1	345	415	450	450	25382
PLSTVYCH-INWOOD__115_X-1	X-1	115	175	193	220	26209
PLSTVYCH-TODDHILL_115_C	C	115	143	164	178	325156
PLUM TRE-HOYTSHIL_345_3403A	3403A	345	652	772	1195	101015016
PLUM TRE-HOYTSHIL_345_3403B	3403B	345	652	772	1195	101015017
POLETTI_-E13THSTA_345_Q35L	Q35L	345	538	621	1476	25134
POLETTI_-E13THSTA_345_Q35M	Q35M	345	538	621	1476	25142
PORTJEFF_138_69__BK 7	BK 7	138	117	146	164	25601
PORTJEFF_138_69__BK 8	BK 8	138	120	148	167	25600
PORTJEFF-HOLBROOK_138_886	886	138	295	357	434	25540
PORTJEFF-HOLBROOK_138_886	886	138	295	357	434	25540
PORTJEFF-SUPERCON_138_862	862	138	295	357	434	25539
PYRITES_-COLTON__115_7-PC	7	115	76	87	94	26086
QUAKERRD-MACEDON__115_930	930	115	60	75	112	25093
QUAKERRD-PANNELL__115_914	914	115	207	247	285	25261
QUAKERRD-PANNELL__115_925	925	115	275	305	355	25682
QUAKERRD-SLEIGHT__115_980(13)	NMP #13	115	195	225	240	25079
QUAKERRD-SLEIGHT__115_980(13)	980	115	150	180	201	25079
QUAKERRD-SLEIGHT__115_980(13)	13	115	154	169	188	25079
QUAKERRD-STA_204__115_908	908	115	227	251	285	26286
QUENBRDG-VERNON__138_31281	31282	138	374	454	602	25159
QUENBRDG-VERNON__138_31282	31282	138	374	454	602	25160
QUENSBRY-CEDAR__115_10	10	115	128	147	159	26140
QUENSBRY-SHERMAN__115_17-QS	17	115	116	120	145	26142
RAINEY_-FARRAGUT_345_61	63	345	661	758	1080	25152
RAINEY_-FARRAGUT_345_62	62	345	694	791	1096	25253
RAINEY_-FARRAGUT_345_63	61	345	661	758	1080	25254
RAINEY_-VERNON__138_36311	36311	138	274	316	327	25296
RAINEY_-VERNON__138_36312	36312	138	246	313	320	25297
RAMAPO__345_138_BK 1300	1300	345	451	546	619	25441
RAMAPO__345_138_BK 2300	2300	345	451	546	619	25442
RAMAPO__345_345_PAR3500	BK3500	345	545	741	999	25370

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
RAMAPO__345_345_PAR4500	BK4500	345	545	741	999	25371
RAMAPO__500_345_BK 1500	1500	345	995	1304	1750	25656
RAMAPO__-BUCHAN_N_345_Y94	Y94	345	1703	1890	2398	25184
RAMAPO__-LADENTWN_345_W72	W72	345	1720	1890	2398	25233
RAMAPOOR-TALLMAN__138_60	60	138	425	451	475	25880
REYNOLDS_345_115_BK 2	BK#2	345	459	562	755	25403
REYNOLDS-ALPS____345_1-AR	1	345	459	562	755	25587
REYNOLDS-GREENBSH_115_9-RG	9	115	329	398	398	26129
RICHFELD-ESPRGFLD_115_942	942	115	102	113	120	26176
RIDGE_RD-HILLSIDE_115_963	963	115	108	127	133	26190
RIDGE_RD-HILLSIDE_115_978-1	978	115	108	128	145	26191
RINGWOOD-SUGRLOAF_69_982_99_993	982_993	69	124	144	152	26696
RINGWOOD-SUGRLOAF_69_982_99_993	982_993	69	118	135	142	26696
RIVERSDE-REYNOLDS_115_4-RRT	4	115	220	239	239	26144
RIVERSDE-TRINITY__115_18	18	115	147	178	243	26491
RIVRHEAD_138_69__BK 7	BK 7	138	118	146	165	26622
RIVRHEAD_138_69__BK 8	BK 8	138	120	149	168	26623
RIVRHEAD-SOUTHOLD_69__956_957	956_957	69	106	126	137	26621
ROBNSNRD_230/115_BK 1	BK#1	230	297	367	420	25395
ROBNSNRD-STOLLERD_230_65	65	230	550	637	717	25065
ROCHESTR_345_115_BK 1	BK #1TR	345	216	276	300	25412
ROCHESTR_345_115_BK 2	BK #2TR	345	327	415	478	25432
ROCHESTR_345_115_BK 3	BK #3TR	345	216	276	300	25446
ROCHESTR_345_115_BK 5	BK #3TR	345	462	576	630	325381
ROCHESTR-PANNELL__345_RP1	RP-1	345	1301	1501	1685	25192
ROCHESTR-PANNELL__345_RP1	1	345	1350	1578	2032	25192
ROCHESTR-PANNELL__345_RP2	RP-2	345	1301	1501	1685	25172
ROCHESTR-PANNELL__345_RP2	2	345	1350	1578	2032	25172
ROCKHILL-MTNDALE_115_957		115	108	120	120	325615
ROCKTVRN_345_115_BK TR1	BK TR1	345	396	445	446	25406
ROCKTVRN_345_115_BK TR3	BK TR3	345	396	459	519	26168
ROCKTVRN-RAMAPO__345_77	77	345	1720	1890	2166	25183
ROCKTVRN-RAMAPO__345_77	77	345	1811	1990	2283	25183
ROCKTVRN-SUGRLOAF_115_SL	SL	115	159	183	195	25420
ROCKTVRN-SUGRLOAF_115_SL	SL	115	176	204	218	25420
ROME____-ONEIDA__115_1-RO	1	115	129	157	192	26112
RONKOKMA-HOLBROOK_138_875	875	138	473	520	661	25541
ROSA_RD_-GE_R_D__115_14	14	115	200	217	260	26145
ROSETON_-EFISHKIL_345_305	RFK-305	345	2385	2677	3363	25108
ROSETON_-EFISHKIL_345_305	305	345	1935	2742	3137	25108
ROSETON_-EFISHKIL_345_305	305	345	1936	2677	3133	25108
ROSETON_-ROCKTVRN_345_311	311	345	1395	1623	1870	25069
ROTTRDAM_230/115_BK 8	BK#8	230	326	369	423	25413
ROTTRDAM_230_115_BK 6	BK#6	230	344	375	523	25407
ROTTRDAM_230_115_BK 7	BK#7	230	301	355	403	25392
ROTTRDAM-BURD_STE_115_19-RB	19	115	105	114	134	26146

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
ROTTDAM-BURD_STW_115_17-RB	17	115	116	120	145	25129
ROTTDAM-CURRY_RD_115_11	11	115	116	120	145	25869
ROTTDAM-FRONT_ST_115_16	16	115	220	252	280	26147
ROTTDAM-SWAGTN_E_115_1	1	115	223	223	223	26430
ROTTDAM-SWAGTN_W_115_2	2	115	223	223	223	26429
ROTTDAM-WOODLAWN_115_35	12	115	116	120	145	25865
RULAND__-HOLBROOK_138_882	882	138	489	552	664	25538
RULAND__-PILGRIM__138_661	661	138	487	543	555	25310
RULAND__-PILGRIM__138_662	662	138	555	555	555	25311
RYAN____-PLATSBRG_230_RYP-2	WP-2	230	249	277	318	25273
RYNDS_HL-INWOOD__115_IR	55	115	175	193	220	26248
S HERO__-PLATSBRG_115_PV20	PV-20/A	115	228	264	302	25027
S HERO__-PLATSBRG_115_PV20	PV-20	115	210	245	258	25027
S.COLTON-FIVE_FLS_115_9 EQ	9 EQ	115	139	160	173	68835
S.MAHWAH-RAMAPOOR_138_51	51	138	236	270	285	25888
S.OSWEGO-HAMRHILL_115_6-IH	6	115	114	120	142	25513
S.OSWEGO-NINEMILE_115_1-SN	F-NM-4	115	120	120	159	25501
S.OSWEGO-TEALLAVE_115_13_10-ST	13	115	187	215	236	25511
S.OWEGO_-GOUDEY__115_961	961	115	112	131	143	25725
S.OWEGO_-NWAVERLY_115_962-2	962	115	111	131	143	25727
S.PERRY_-MEYER__115_933	933	115	72	82	90	26193
S.PERRY_-MEYER__115_934	934	115	82	96	104	26194
S.RIPLEY-DUNKIRK__230_68	68	230	482	530	637	25045
SANDBORN-LOCKPORT_115_102-1	102-1	115	200	217	260	26052
SANDDOCK-NCHELSEA_115_SC	SC	115	217	250	278	26249
SANDSTON-COLTON__115_4-SC	4-SC	115	182	197	248	26084
SANDSTON-COLTON__115_5-SC	5	115	182	197	248	26085
SANDY PD-TEWKSBRV_345_337	337	345	1802	1908	2045	26366
SANDY PD-WACHUSST_345_314	314	345	1731	2108	2400	26352
SANDY PD-WACHUSST_345_343	343	345	1435	1609	1741	25716
SAWYER__230_23_TB1	TB1	230	104	128	128	325047
SAWYER__230_23_TB2	TB2	230	104	128	128	325048
SAWYER__230_23_TB3	TB3	230	104	128	128	325049
SAWYER__-HUNTLEY_230_77	77	230	566	654	755	325043
SAWYER__-HUNTLEY_230_78	78	230	566	654	755	325044
SAWYER__-SUNY_77_230_79	79	230	566	654	755	325045
SAWYER__-SUNY_78_230_80	80	230	566	654	755	325046
SBATAVIA-GOLAH__115_119	119	115	129	160	173	26012
SCOBIE__-AMHERST_345_380	380	345	1431	1431	1431	25708
SCOBIE__-SEABROOK_345_363	363	345	1494	1494	1494	26378
SCOTAFLT-MASONCR__115_909	909	115	155	179	193	325702
SCOV RCK-HADDAMNK_345_376	376	345	1255	1446	1889	101015029
SCRIBA__345_25_23-GSU2	23-GSU2	345	1148	9997	9998	70513
SCRIBA__-FITZPTRK_345_FS-10	FS-10	345	1434	1434	1912	25076
SCRIBA__-FITZPTRK_345_FS-10	FS-10	345	1882	2276	2390	25076
SCRIBA__-VOLNEY__345_20-SV	20	345	1200	1396	1686	25204

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
SCRIBA__VOLNEY__345_21-SV	21	345	1670	1912	1912	25314
SENECA_A-GARDNVLB_230_71	71	230	306	354	370	25856
SENECA_B-GARDNVLB_230_72	72	230	306	354	370	25857
SGOSHEN_-SHOEMAKR_69_24	24	69	69	79	83	26690
SGOSHEN_-SHOEMAKR_69_25	25	69	69	79	83	26692
SHENDOAH-EFISHKIL_115_EF	EF	115	198	229	259	26251
SHERMAN_-SPIERFLS_115_17-SS	17	115	116	120	145	26148
SHERMCRK-E179THST_138_15031	15031	138	161	245	392	25156
SHERMCRK-E179THST_138_15032	15032	138	161	245	392	25157
SHOEMAKR_138_69_BK 711	BK 711	138	217	270	297	26694
SHOEMAKR_138_69_BK 711	BK 711	138	212	281	319	26694
SHOEMAKR-CHESTROR_138_27	27	69	236	270	285	26466
SHOEMAKR-MONGAUP__69_12	12	69	51	65	74	26693
SHOEMAKR-MONGAUP__69_13_131	13	69	51	65	74	26467
SHOR_NPX-SHOREHAM_138_NPX_CSC	892	138	380	380	380	325153
SHORE_RD_345/138_BK 1	BK#1	345	457	569	731	25439
SHORE_RD_345/138_BK 2	BK#2	345	457	569	731	25440
SHORE_RD-GLENWD__138_365	365	138	487	543	623	25205
SHORE_RD-GLENWD__138_366-1	366	138	487	543	623	25154
SHORE_RD-LAKSUCSS_138_367	367	138	208	346	581	25145
SHORE_RD-LAKSUCSS_138_368	368	138	208	346	581	25150
SHOREHAM-BROOKHVN_138_861	861	138	434	480	586	25114
SHOREHAM-MILLERPL_138_879	879	138	434	480	586	25117
SHOREHAM-SHORHVDC_138_892	892	138	489	552	664	26432
SHOREHAM-WILDWOOD_138_863	863	138	434	480	586	25115
SHOREHM_-WILDWOOD_69_891	891	69	238	240	240	26570
SINGER__NORWALK_345_3280	3280	345	600	1140	1285	101015054
SINGER__NORWALK_345_3921	3921	345	600	1140	1285	101015055
SLEIGHT__115/34_BK 1	BK#2	115	35	43	67	70523
SLEIGHT__115/34_BK 2	BK#1	115	35	43	67	70524
SLEIGHT_-CLYDE__115_971(3)	3	115	125	143	154	26686
SLEIGHT_-CLYDE__115_971(3)	971	115	150	179	179	26686
SLEIGHT-AUB.	3	115	125	143	154	25356
SMAHWAH_345_138_BK 258	258	345	441	516	559	25393
SMAHWAH_-RAMAPO__345_69	69	345	1226	1737	2268	25021
SMAHWAH_-RAMAPO__345_70	70	345	1720	1890	2398	25259
SMITHFLD-AMENIA__69_SA	SA	69	23	24	24	26458
SMITHFLD-FALLS VG_69_690	690-FV	69	26	30	30	25619
SMITHFLD-FALLS VG_69_690	690-FV	69	26	30	30	25619
SPARKILL - CLOSTER	751	69	65	76	79	69314
SPIERFLS-BUTLER__115_4-SFB	4	115	105	114	134	26136
SPIERFLS-MOHICAN__115_7-SFM	7	115	116	120	145	26435
SPIERFLS-QUENSBRY_115_5-SFQ	5	115	105	114	134	26141
SPRAINBROOK - SPRNBR49	R49REAC	345	693	936	1392	26725
SPRNBRK_345_138_BK N7	BK N7	345	284	397	417	25628
SPRNBRK_345_138_BK S6	KB S6	345	284	397	417	25625

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
SPRNBK_-DUNWODIE_138_99941	99941	138	330	464	464	25245
SPRNBK_-DUNWODIE_138_99942	99942	138	330	464	464	25246
SPRNBK_-DUNWODIE_345_W75	W75	345	2384	2708	3243	25071
SPRNBK_-EGRDNCTR_345_Y49	Y49	345	637	900	1329	25105
SPRNBK_-EGRDNCTR_345_Y49	Y49	345	624	842	1251	25105
SPRNBK_-TREMONT__345_X28	X28	345	469	673	1074	25175
SPRNBK_-W49TH_ST_345_M51	M51	345	774	866	1289	25053
SPRNBK_-W49TH_ST_345_M52	M52	345	774	866	1289	25223
ST_139_A-DUNKIRK__115_141-2	141	115	88	101	108	26026
ST_139_B-BENETTNM_115_142-2	142	115	88	101	108	26018
ST_60_36-LOCKPORT_115_36-2	36	115	145	151	185	26049
ST_60_37-LOCKPORT_115_37-2	37	115	145	151	185	26048
STA_128_-STA_82__115_906	906	115	129	147	159	26303
STA_129_-GARDNVLB_115_39-2	39	115	129	151	185	26036
STA_154_-GARDNVLB_115_38-2	38	115	129	171	206	26039
STA_158_-STA_128_115_924	924	115	129	147	159	26654
STA_162_-S.PERRY__115_906- 7X	T224	115	125	152	215	25062
STA_162_-S.PERRY__115_906- 7X	7X16272	115	111	131	143	25062
STA_162_-STA_158_115_924	924	115	129	147	159	26653
STA_204__115_34__BK 1	BK 1	115	56	67	112	70539
STA_204__115_34__BK 2	BK 2	115	56	67	112	70540
STA_204_-S42____115_911-2	911	115	163	234	354	26307
STA_33__115_34__BK 1_2	BK1_2	115	75	90	132	70541
STA_33_-MORTIMER_115_901-2	901	115	175	197	241	25097
STA_33_-MORTIMER_115_901-2	901	115	182	197	248	25097
STA_37__115_34__BK 8	BK 8	115	50	59	100	70542
STA_37_-STA_48__115_916-1	916-1	115	250	280	300	26314
STA_37_-STA_67__115_916-2	916-2	115	250	280	300	26313
STA_48__115_34__BK 6		115	57	66	69	70544
STA_48__115_34__BK 9		115	59	66	112	70543
STA_67_-ROCHESRG_115_922	922	115	311	364	376	26321
STA_67_-STA_82__115_903	903	115	311	364	384	26322
STA_82_-MORTIMER_115_7X8272	7X8272	115	418	505	717	25098
STA_82_-MORTIMER_115_7X8272	#7X8272	115	258	358	410	25098
STA_82_-ROCHESRG_115_904	904	115	506	584	618	25081
STA_82_-ROCHESRG_115_905	905	115	506	584	618	26305
STATE_CA-PATRTAP__115_15	15	115	160	176	224	26494
STATE_CA-PATRTAP__115_15	15	115	160	176	224	26494
STATE_ST-WRGHTAVE_115_976	976	115	185	221	239	26200
STERLING_138_69__BK 3	BK 3	138	240	298	336	26524
STERLING-RULAND__138_663	663	138	195	263	302	26498
STJHNVLE-MARSHVLE_115_11	11	115	159	159	159	26127
STLAWRNC_230A_230C_PS 33	L33P	230	240	259	334	25118
STLAWRNC_230B_230D_PS 34	L34P	230	300	336	466	25119
STOLLERD_345/115_BK 3	#3	345	300	370	420	25461
STOLLERD_345/115_BK 4	#4	345	305	387	420	25462

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
STOLLERD-HISHELDN_230_67	67	230	417	479	533	25064
STONER_-ROTTDAM_115_12-SR	12-SR	115	116	120	145	25680
STRUGNPL-BOULEVRD_69__N	N	69	45	47	55	26211
STRUGNPL-OHIOVLL_69__O	O	69	41	44	51	26246
STWMANOR-LAKSUCSS_69__366	364_366	69	69	87	93	26585
SUGRLOAF_115_69__BK 6108	BK 6108	115	177	204	218	26333
SUGRLOAF_115_69__BK 6108	BK 6108	115	189	222	250	26333
SUGRLOAF_138_69__BK 7108	BK 7108	138	217	270	315	25891
SUGRLOAF_138_69__BK 7108	BK 7108	138	192	226	253	25891
SUGRLOAF-RAMAPOOR_138_26	26	138	264	300	316	25326
SUGRLOAF-SGOSHEN_69__24	24	69	69	79	83	325306
SUGRLOAF-SGOSHEN_69__25	25	69	69	79	83	325307
SUNY_77_-GARDNVLB_230_79-1	79	230	566	654	755	25165
SUNY_78_-GARDNVLB_230_80-1	80	230	566	654	755	25196
SUPERCON-HOLBROOK_138_865	865	138	216	216	216	325605
SUPERCON-HOLBROOK_138_866	866	138	328	379	434	325606
SWAGTN_E-BALLSTNE_115_1	1	115	223	223	223	26125
SWAGTN_W-BALLSTNW_115_2	2	115	223	223	223	26124
SWANROAD-LOCKPORT_115_103-1	103-1	115	168	181	206	26051
SWANROAD-LOCKPORT_115_104-2	104	115	168	181	199	26050
SWEDEN_A-MORTIMER_115_111-2	111	115	129	136	153	25347
SWEDEN_B-MORTIMER_115_113-2	113-2	115	129	149	153	25348
SYLVANLK-PAWLING__115_990	990	115	176	179	179	26156
SYOSSET_-LOCUSTGR_138_559	559	138	434	480	586	25904
TALLMAN_-HILLBURN_69__59	59	69	55	115	122	26507
TALLMAN_-MONSEY__138_602	602	138	425	451	475	325609
TAYLORVL-BULYMO__115_6	6	115	105	114	134	26070
TAYLORVL-LOWVILLE_115_5-TL	5	115	102	114	134	26107
TEALLAVE-ASH____115_7-TA	7	115	120	148	148	26063
TEALLAVE-ASH____115_8-AT	8	115	120	148	148	26117
TEALLAVE-BM_CC_GM__115_6	6	115	187	213	236	26154
TEALLAVE-ONEIDA__115_2-OT	2	115	116	120	145	25895
TEALLAVE-PETERBOR_115_5	5	115	116	120	145	325164
TELGRAPH-MORTIMER_115_114-2	114	115	129	149	153	25349
TELGRAPH-N.AKRN_1_115_107-2	107-2	115	130	136	165	26508
TEMPLE__-PEAT ST__115_10-TP	10	115	176	211	233	26715
TIANA__-CANAL____69__966	966	69	72	112	112	26618
TIANA__-RIVRHEAD_69__961	961	69	111	112	112	26616
TIANA__-RIVRHEAD_69__962	962	69	184	243	297	26617
TICONDRG-REPUBLIC_115_2	2	115	63	63	63	26470
TILDEN__-DEWITT__115_19-TD	19	115	182	197	236	26092
TODDHILL-FISHKPLN_115_A	A	115	143	164	178	325157
TREMONT__138A_138B_BK 11	R11	138	243	279	312	25649
TREMONT__138C_138D_BK 12	R12	138	243	279	312	25650
TREMONT__345_138_BK 11	R11	345	245	299	339	25473
TREMONT__345_138_BK 12	R12	138	246	299	339	25474

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
TREMONT_-PARKCHTR_138_38X01	38X01	138	144	214	333	25120
TREMONT_-PARKCHTR_138_38X03	38X03	138	144	214	333	25122
TREMONT_-PARKCHTR_138_38X04	38X04	138	144	214	333	25123
TRINITY_-RIVERSDE_115_19	19	115	198	242	278	26492
VALKIN_-FT._ORAN_115_15	15	115	129	159	159	325685
VALLEY_-INGHAM_C_115_3-VI	3	115	116	120	145	26106
VALLYSTR_138A_138B_PAR	PAR	138	321	399	450	25607
VALLYSTR-BARRETT__138_291	291	138	214	301	418	25312
VALLYSTR-BARRETT__138_292	292	138	214	301	418	25313
VALLYSTR-EGRDNCTY_138_262	262	138	201	289	405	25244
VERNON__18_138_MTX_XM_1	MTXXM1	138	258	344	428	26726
VERNON__18_138_MTX_XM_1	MTXXM1	138	240	9997	9998	26726
VERNON_-GREENWD__138_31231	31231-1	138	169	226	247	25337
VERNON_-KENTAVE__138_31232-1	31232-1	138	169	240	387	26123
VERNON_-W49TH_ST_138_38M72	38M72	138	130	172	216	325122
VINGR_TP-VINEGAR__115_917 TAP	917 TAP	115	125	152	193	26455
VOLNEY_-CLAY____345_6-CV	6	345	1109	1344	1686	25198
VOLNEY_-MARCY____345_19	19	345	1434	1650	1971	25345
VOLNEY_-MARCY____345_19	19	345	1670	1931	2210	25345
VT YANK_-COOLIDGE_345_340	340	345	1224	1230	1434	25717
VT YANK_-FITZWILL_345_379	379	345	896	896	896	26388
W.NYACK - CLOSTER	75	69	112	130	137	69314
W.NYACK__138_69__BK 221	BK 221	138	221	297	376	26334
W.NYACK__138_69__BK 221	BK 221	138	212	281	319	26334
W49TH_ST-E13THSTA_345_M54	M54	345	774	866	1289	25228
W49TH_ST-E13THSTA_345_M55	M55	345	774	866	1289	25222
WADNGRIV-NSHORBCH_138_878	878	138	434	480	586	325642
WADNGRIV-SHOREHAM_138_891	891	138	434	480	586	25342
WALCK_RD-ZIMMERM2_115_133-1	133-1	115	168	185	199	26153
WALDEN_-DEPEW_TP_115_54-2	54	115	129	182	236	26024
WALDWICK_345_230_BK1	BK#1	345	549	713	806	25479
WALDWICK_345_230_BK2	BK#2	345	557	716	794	25480
WALDWICK_345_230_BK3	BK#3	345	609	794	901	25481
WALDWICK-FAIRLAWN_230_O2267	O2267	230	394	510	843	25489
WALDWICK-HILLSDAL_230_F2258	F2258	230	408	555	840	25487
WALDWICK-HINCHMAN_230_E2257-1	E2257	230	408	555	840	25488
WALDWICK-SMAHWAH__345_J3410	J3410	345	589	898	1482	25032
WALDWICK-SMAHWAH__345_J3410	J3410	345	532	758	983	25032
WALDWICK-SMAHWAH__345_K3411	K3411	345	559	793	1034	25039
WALDWICK-SMAHWH_B_345_K3411	K3411	345	602	905	1511	25039
WARREN_-FALCONER_115_171	171	115	116	120	145	25015
WARREN_-FALCONER_115_171	171	115	82	136	136	25015
WATKINRD-INGHAM_C_115_2-WI	2-WI	115	116	120	145	25805
WATRCURE_345_230_BK 1	BK#1	345	426	520	600	25402
WATRCURE-OAKDALE__230_71	71	230	275	400	440	25179
WATRCURE-OAKDALE__345_31	31	345	963	1074	1076	25178

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
WETHSRFD-MEYER__230_85	85	230	417	479	533	325623
WHAVSTOR-LOVETT__138_53	53	138	236	270	285	25884
WHAVSTOR-LOVETT__138_54	54	138	236	270	285	25885
WHAVSTRW_345_138_BK 194	BK#194	345	451	546	619	25447
WHITEHAL-COMSTKNM_115_13-MW	13	115	116	120	145	25903
WILDWOOD-RIVRHEAD_138_890	890	138	291	321	372	25905
WILLET__-ENORWICH_115_945-1	945	115	108	128	145	25732
WILLIS__230/115_BK 1	WIL-AT1	230	150	184	216	25388
WILLIS__230/115_BK 2	WIL-AT2	230	150	184	216	25390
WILLIS__-BRNSVLE_115_1	911	115	120	163	183	26204
WILLIS__-BRNSVLE_115_1	1	115	129	182	199	26204
WILLIS__-BRNSVLE_115_1	WS-1	115	125	140	156	26204
WILLIS__-DULEY__230_WD-1	WP1	230	397	459	503	325565
WILLIS__-RYAN__230_WRY-2	WP2	230	397	459	503	325566
WILLWBRK-FRESHKLS_138_29211-2	29211-2	138	188	284	451	25319
WILLWBRK-FRESHKLS_138_29212-2	29212-1	138	188	284	451	25320
WOLF_RD_-MENANDS__115_10	10	115	105	114	134	26255
WOLFHILL-GREENLWN_69__667	667	69	143	144	144	26558
WOOD_ST__345/115_BK 1	BK#1	345	327	409	420	25437
WOOD_ST__345/115_BK 2	BK#2	345	325	406	420	25438
WOOD_ST_-AMAWALK__115_996	996	115	215	247	275	25574
WOOD_ST_-MILLWOOD_345_W80	W80	345	1720	2214	2654	25148
WOOD_ST_-MILLWOOD_345_W81	W81	345	1720	2214	2654	25525
WOOD_ST_-PLSNTVLE_345_Y86	Y86	345	1839	2605	3102	25358
WOOD_ST_-PLSNTVLE_345_Y87	Y87	345	1839	2605	3102	25132
WOODARD_-ELBRIDGE_115_4	17	115	156	179	195	325316
WOODLAWN-STATE_CA_115_12	12	115	116	120	145	26490
WOODMERE_VALLYSTR_69__261	261	69	94	118	124	325285
WRGHTAVE-MILLIKEN_115_973	973	115	185	221	249	26195
WWDBURNE_115/69__BK 1	T152	115	48	50	50	25404
WWDBURNE-HONK_FLS_69__WH2	WH2	69	39	47	50	26234
WWDBURNE-HONK_FLS_69__WH2	WH2	69	46	53	56	26234
WWDBURNE-NVRSK_TP_69__WH1-3_860L	WH1-2	69	53	59	67	26245
WWDBURNE-NVRSK_TP_69__WH1-3+860L	WH1-3	69	39	47	50	26245
WYNTKLN-REYNOLDS_115_13-WR	13/988	115	215	247	270	26143
WYNTKLN-REYNOLDS_115_13-WR	13	115	186	214	237	26143
YAHNUNDA-EDIC_PTR_115_3	3	115	116	120	145	26515
ZIMMERM1-HUNTLEY__115_130-1	130	115	168	181	206	26043
ZIMMERM2-HUNTLEY__115_133-2	133	115	168	181	206	26042

APPENDIX E

INTERFACE DEFINITIONS

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NYISO OPERATING INTERFACES & OASIS TRANSMISSION PATHS

DYSINGER EAST		
<i>West (Zone A)-Genesee (Zone B)</i>		
Name	Line ID	Voltage (kV)
*Somerset-Rochester (Station 80)	SR-1/39	345
Niagara-Rochester*	NR2	345
*Andover - Palmiter	932	115
*Lockport-Batavia	107	115
*Lockport-N. Akron	108	115
*Lockport-Oakfield	112	115
*Lockport-Sweden 1	111	115
*Lockport-Sweden 3	113	115
*Lockport-Telegraph	114	115
<i>West (Zone A)-Central (Zone C)</i>		
*Stolle Road – High Sheldon	67	230

WEST CENTRAL		
<i>Genesee (Zone B) - Central (Zone C)</i>		
Name	Line ID	Voltage (kV)
Pannell Rd-Clay*	PC-1	345
Pannell Rd-Clay*	PC-2	345
*Andover - Palmiter	932	115
*Quaker-Macedon	930	115
*Mortimer-Hook Rd- Elbridge	1/7	115
*Mortimer-Elbridge	2	115
*Pannell-Farmington	4	115
*Quaker-Sleigh Rd	13	115
*St. 162 - S. Perry	906	115
Hook Rd (RGE-NGRID)	TB#3	34.5/115
Clyde	TR1	34.5/115
(Farmington 34.5/115kV)	#7	34.5/115
(Farmtn 34.5/115kV&12/115 kV)	#4	34.5/115 & 12/115
<i>West (Zone A) - Central (Zone C)</i>		
*Stolle Road – High Sheldon	67	230

CENTRAL EAST		
<i>Mohawk Valley (Zone E) – Capital (Zone F)</i>		
Name	Line ID	Voltage (kV)
Edic-New Scotland*	14	345
Marcy-New Scotland*	18	345
Porter-Rotterdam*	30	230
Porter-Rotterdam*	31	230
East Springfield - Inghams*	942	115
Inghams PAR	PAR	115
Inghams Bus Tie	R81	115
<i>North (Zone D) – ISONE (Zone N)</i>		
*Plattsburgh - Grand Isle	PV-20	115

* indicates the metered end of the circuit

TOTAL EAST		
<i>Mohawk Valley (Zone E) - Capital (Zone F)</i>		
Name	Line ID	Voltage (kV)
Edic-New Scotland*	14	345
Marcy-New Scotland*	18	345
*Fraser-Gilboa	35	345
Porter-Rotterdam*	30	230
Porter-Rotterdam*	31	230
East Springfield - Inghams*	942	115
Inghams PAR	PAR	115
Inghams Bus Tie	R81	115
<i>Mohawk Valley (Zone E) - Hudson Valley (Zone G)</i>		
Coopers-Middletown*	CCRT-34	345
Coopers-Rock Tavern*	CCRT-42	345
West Woodbourne*115/69	T152	115/69
<i>North (Zone D) - ISONE (Zone N)</i>		
*Plattsburgh-Grand Isle	PV-20	115
<i>PJM East (Zone P) - Hudson Valley (Zone G)</i>		
Branchburg-Ramapo*	5018	500
*Waldwick- S.Mahwah	J3410	345
*Waldwick-S.Mahwah	K3411	345
<i>PJM East (Zone P) – NYC (Zone J)</i>		
Hudson-Farragut*	C3403	345
Hudson-Farragut*	B3402	345
Linden-Goethals*	A2253	230
<i>PJM (Rockland Electric) – Hudson Valley (Zone E)</i>		
Closter – Sparkill	751	69
Harings Corners – W. Nyack	701	69
Harings Corners – Burns	702	138
Montvale – Pearl River	491	69
Harings Corners – Pearl River	45	34
S. Mahwah – Ramapo	51	138
S. Mahwah - Hilburn	65	69
S. Mahwah 138/345	BK258	138/345

* indicates the metered end of circuit

MOSES SOUTH		
<i>North (Zone D) - Mohawk Valley (Zone E)</i>		
Name	Line ID	Voltage (kV)
*Massena-Marcy	MSU1	765
*Moses-Adirondack	MA-1	230
*Moses-Adirondack	MA-2	230
*Dennison-Colton	4	115
*Dennison-Colton	5	115
*Alcoa-N. Ogdensburg	13	115
Malone-Colton*	3	115

UPNY-CONED		
<i>Hudson Valley (Zone G) – Millwood (Zone H)</i>		
Name	Line ID	Voltage (kV)
*Ladentown-Buchanan South	Y88	345
*Pleasant Valley-Wood St.	F30	345
*Pleasant Valley-Millwood	F31	345
*Pleasant Valley-E. Fishkill	F36	345
*Pleasant Valley-E. Fishkill	F37	345
*Ramapo-Buchanan North	Y94	345
Roseton-E. Fishkill*	305	345
*Fishkill Plains–Sylvan Lake	A/990	115
East Fishkill 115/345		115/345

SPRAIN BROOK-DUNWOODIE SOUTH		
<i>Dunwoodie (Zone I) – NYC (Zone J)</i>		
Name	Line ID	Voltage (kV)
*Dunwoodie-Mott Haven	71	345
*Dunwoodie-Mott Haven	72	345
Sprain Brook-Tremont*	28	345
*Sprain Brook-West 49th Street	M51	345
*Sprain Brook-West 49th Street	M52	345
*Dunwoodie-Sherman Creek	99031	138
*Dunwoodie-Sherman Creek	99032	138
*Dunwoodie-East 179th Street	99153	138
<i>Long Island (Zone K) – NYC (Zone J)</i>		
*Lake Success-Jamaica	903	138
*Valley Stream-Jamaica	901L/M	138

CONED - LIPA		
<i>Dunwoodie (Zone I) - Long Island (Zone K)</i>		
Name	Line ID	Voltage (kV)
*Dunwoodie-Shore Road	Y50	345
*Sprain Brook-East Garden City	Y49	345
<i>NYC (Zone J) - Long Island (Zone K)</i>		
Jamaica-Valley Stream*	901L/M	138
Jamaica-Lake Success*	903	138

* indicates the metered end of circuit

NYISO-ISONNE		
<i>North (Zone D)-ISONNE (Zone N)</i>		
Name	Line ID	Voltage (kV)
*Plattsburgh-Grand Isle	PV-20	115
<i>Capital (Zone F) – ISONNE (Zone N)</i>		
*Alps-Berkshire	393	345
Rotterdam-Bear Swamp*	E205W	230
*Hoosick -Bennington	6	115
*Whitehall-Blissville	7	115
<i>Hudson Valley (Zone G) – ISONNE (Zone N)</i>		
*Pleasant Valley-Long Mountain	398	345
*Smithfield-Salisbury	690	69

IESO (Ontario)-NYISO		
<i>Ontario East (Zone O) – North (Zone D)</i>		
Name	Line ID	Voltage (kV)
St. Lawrence-Moses*	L33P	240
St. Lawrence-Moses*	L34P	230
<i>Ontario South (Zone O) - West (Zone A)</i>		
Beck-Niagara*	PA301	345
Beck-Niagara*	PA302	345
Beck-Niagara*	PA27	230
*Beck-Packard	BP76	230
*Beck-Swan Rd.	104	115

* indicates the metered end of circuit

PJM-NYISO		
<i>PJM East-NYC</i>		
Name	Line ID	Voltage (kV)
Hudson-Farragut*	C3403	345
Hudson-Farragut*	B3402	345
Linden-Goethals*	A2253	230
<i>PJM West-Central</i>		
*Homer City-Watercure	30	345
E. Towanda-Hillside*	70	230
Laurel Lake-Goudey*	952	115
*E. Sayre-N. Waverly	956	115
<i>PJM West-West</i>		
*Homer City-Stolle Rd	37	345
Erie East - South Ripley*	69	230
*Warren-Falconer	171	115
<i>PJM East-Hudson Valley</i>		
Branchburg-Ramapo*	5018	500
*Waldwick-S.Mahwah	J3410	345
*Waldwick-S.Mahwah	K3411	345
<i>PJM (Rockland Electric) - Hudson Valley</i>		
Closter – Sparkill	751	69
Harings Corners – W. Nyack	701	69
Harings Corners – Burns	702	138
Montvale – Pearl River	491	69
Harings Corners – Pearl River	45	34.5
S. Mahwah – Ramapo	51	138
S. Mahwah - Hillburn	65	69
S. Mahwah 138/345	BK258	138/345

* indicates the metered end of circuit

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APPENDIX F

ANNOTATED MUST OUTPUT

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Electronically If Requested

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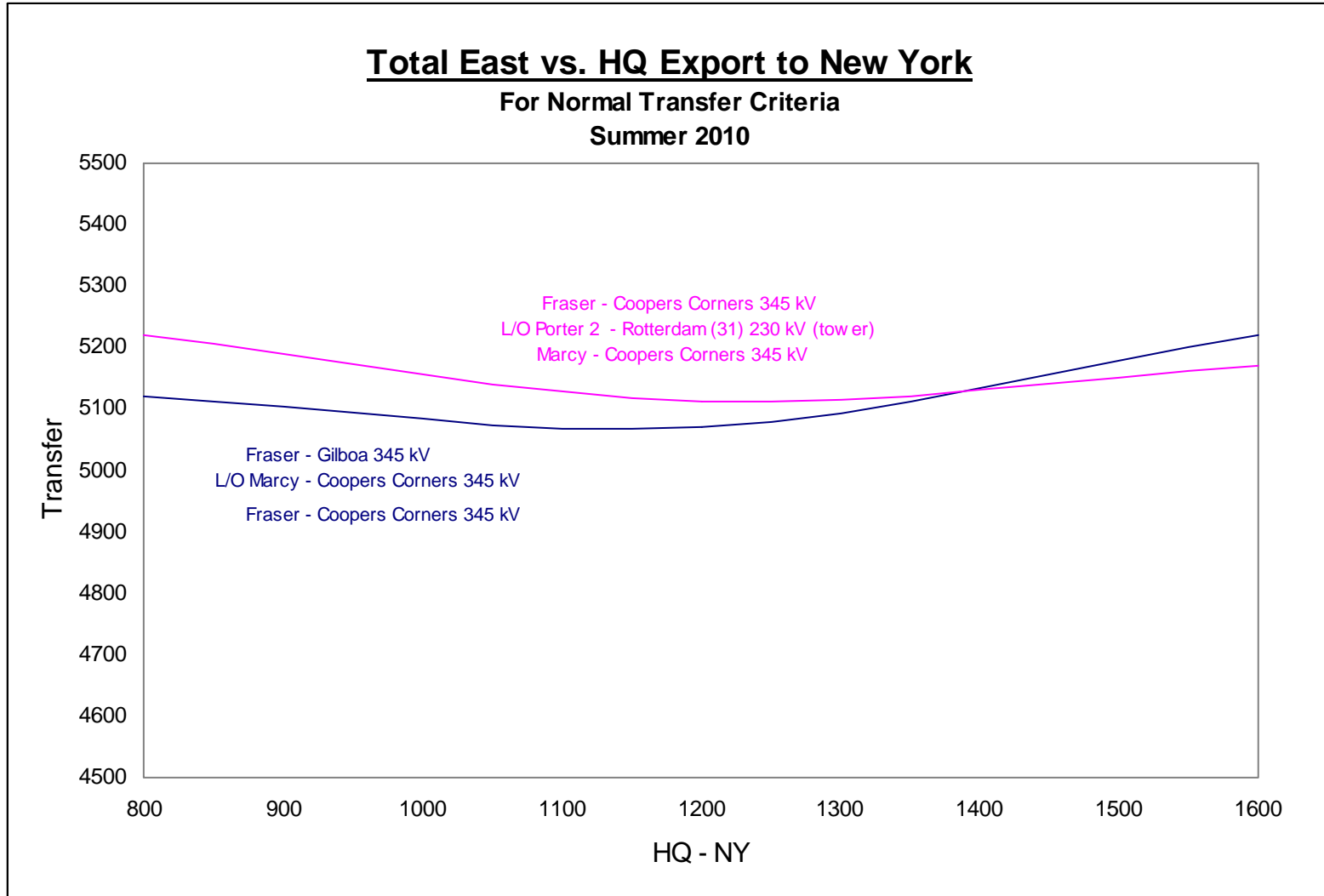
APPENDIX G

TRANSFER LIMIT SENSITIVITY GRAPHS

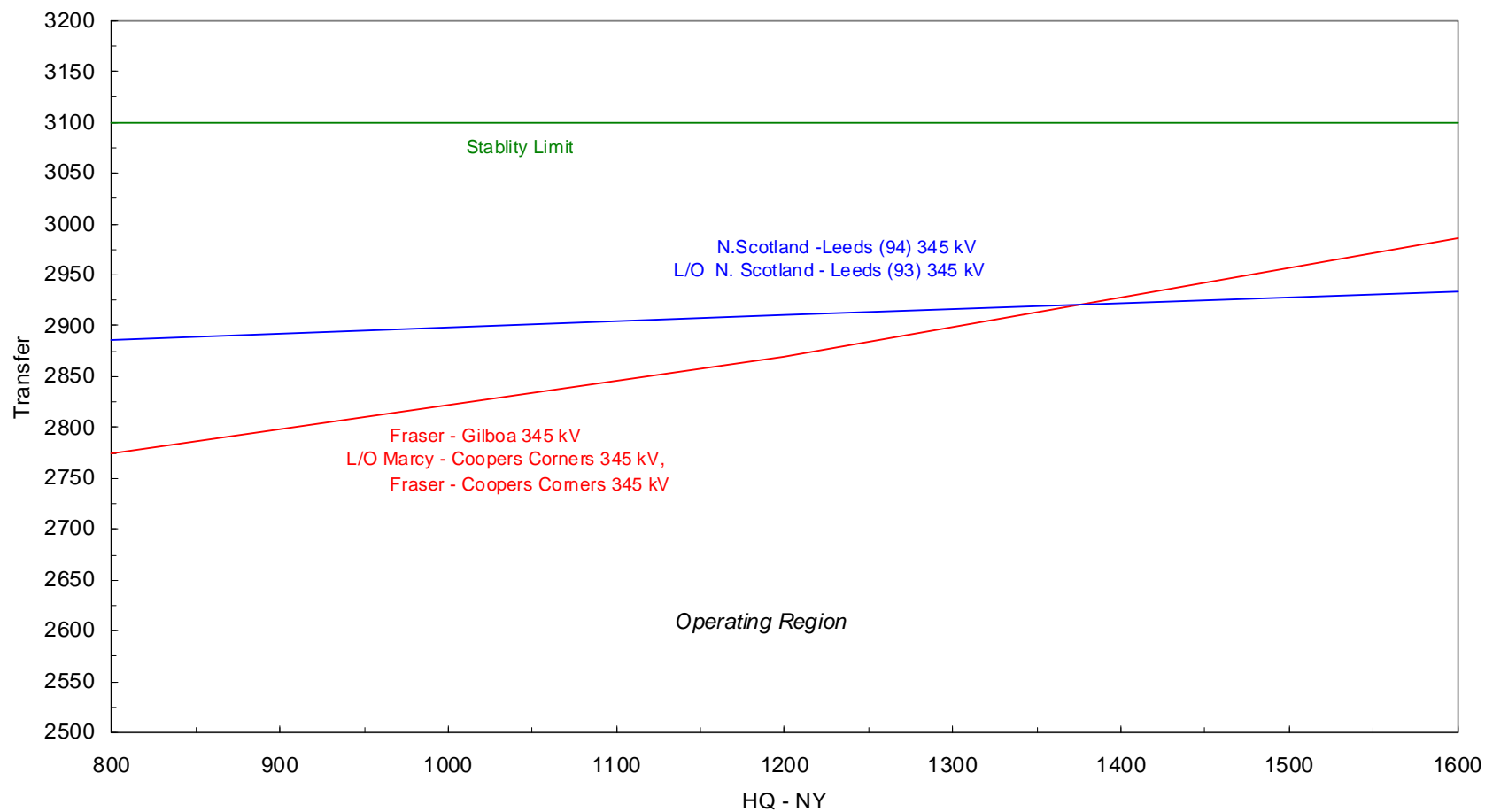
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INDEX

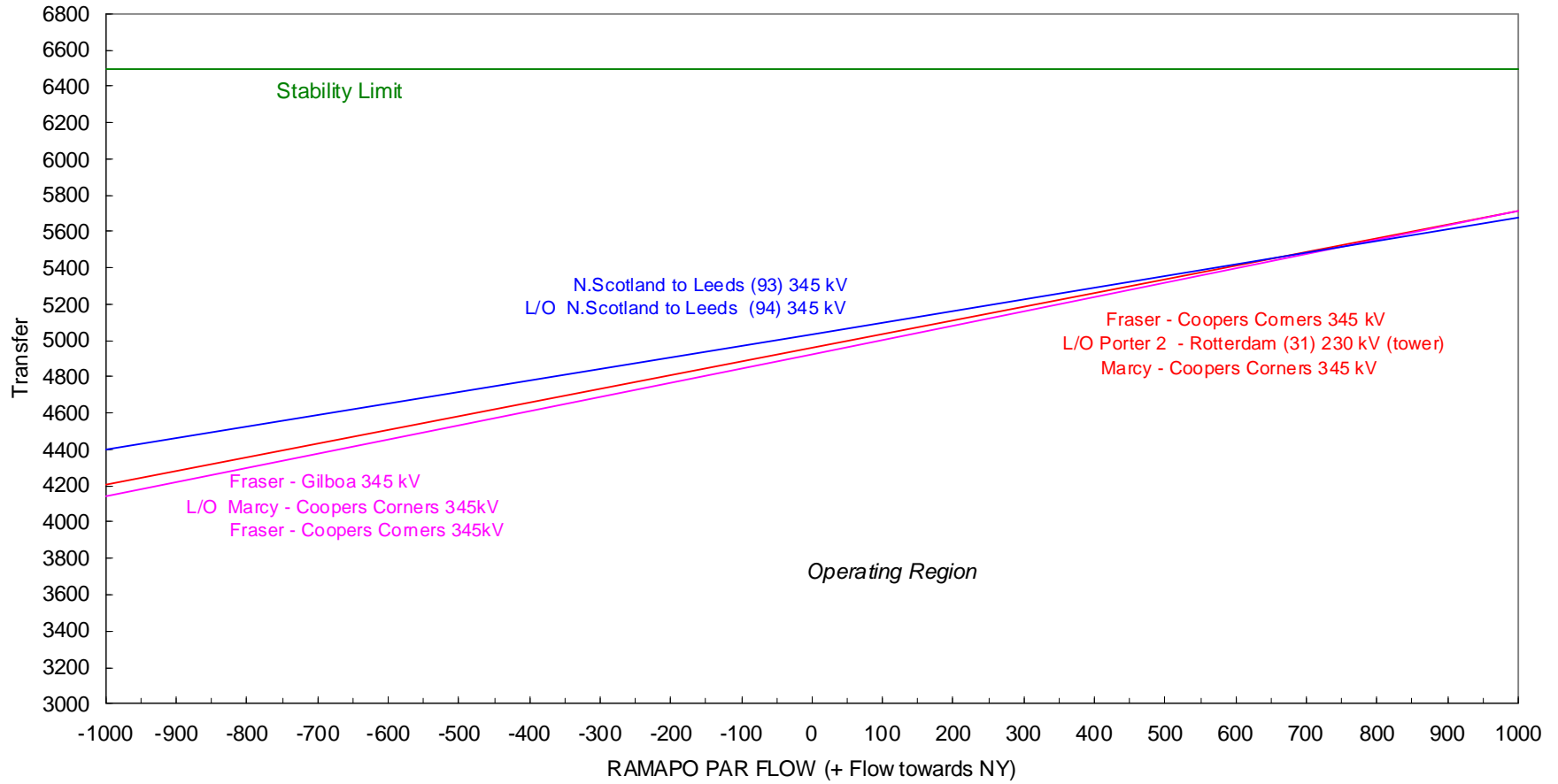
1. Total East vs. HQ-NY	G-2
2. Central East vs. HQ-NY	G-3
3. Total East vs. Ramapo PAR Flow	G-4
4. Central East vs. Ramapo PAR Flow	.....	G-5
5. UPNY ConEd vs. Ramapo PAR Flow	.....	G-6
6. Moses South vs. HQ Export to New York	.....	G-7
7. NE-NY vs. Norwalk-Northport PAR flow for Normal Transfer	.....	G-8
8. NY-NE vs. Norwalk-Northport PAR flow for Normal Transfer	.....	G-9
9. NYISO-IESO (ONTARIO) Transfer vs. L33P & L34P	.....	G-10
10. IESO (ONTARIO)-NYISO Transfer vs. L33P & L34P	.....	G-11



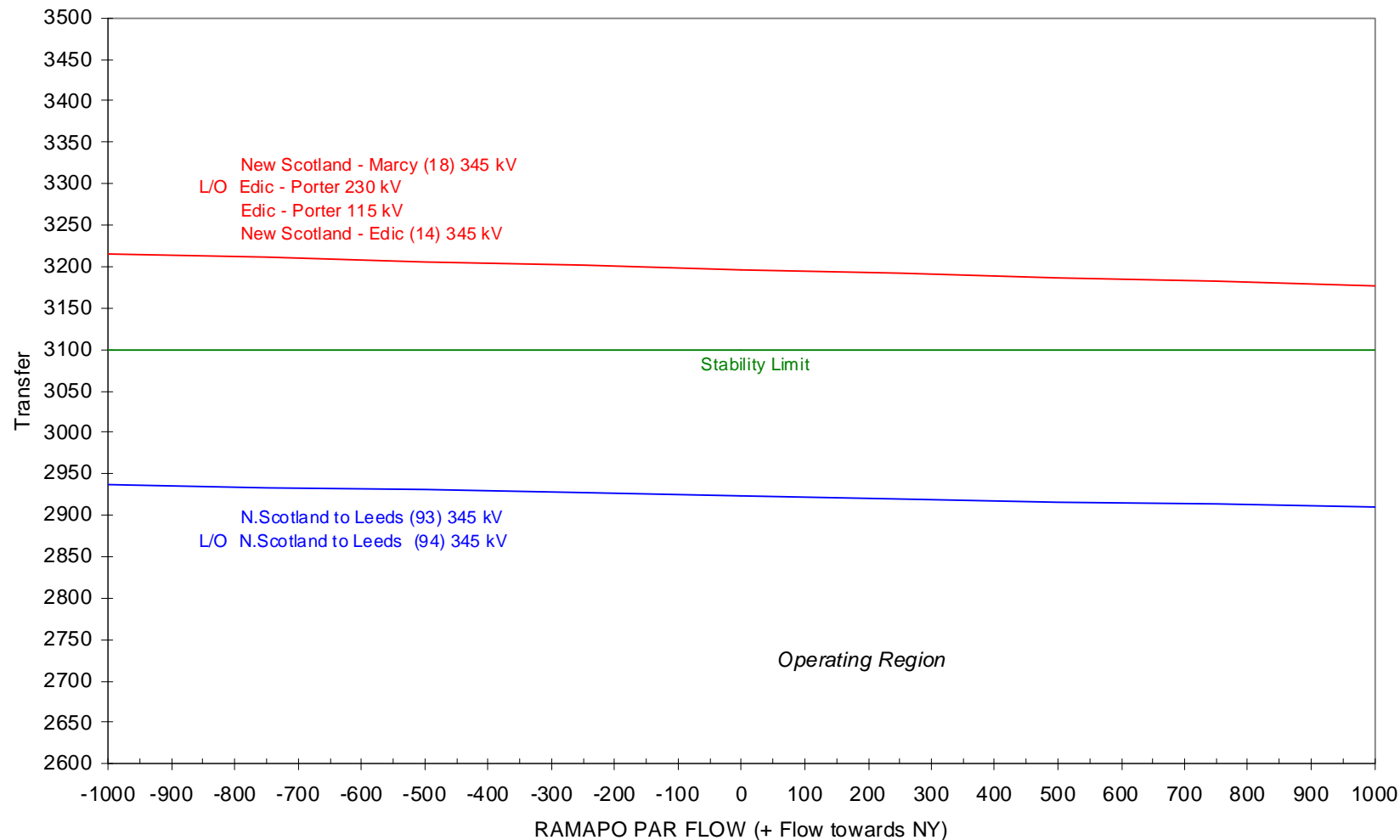
Central East vs. HQ Export to New York For Normal Transfer Criteria Summer 2010



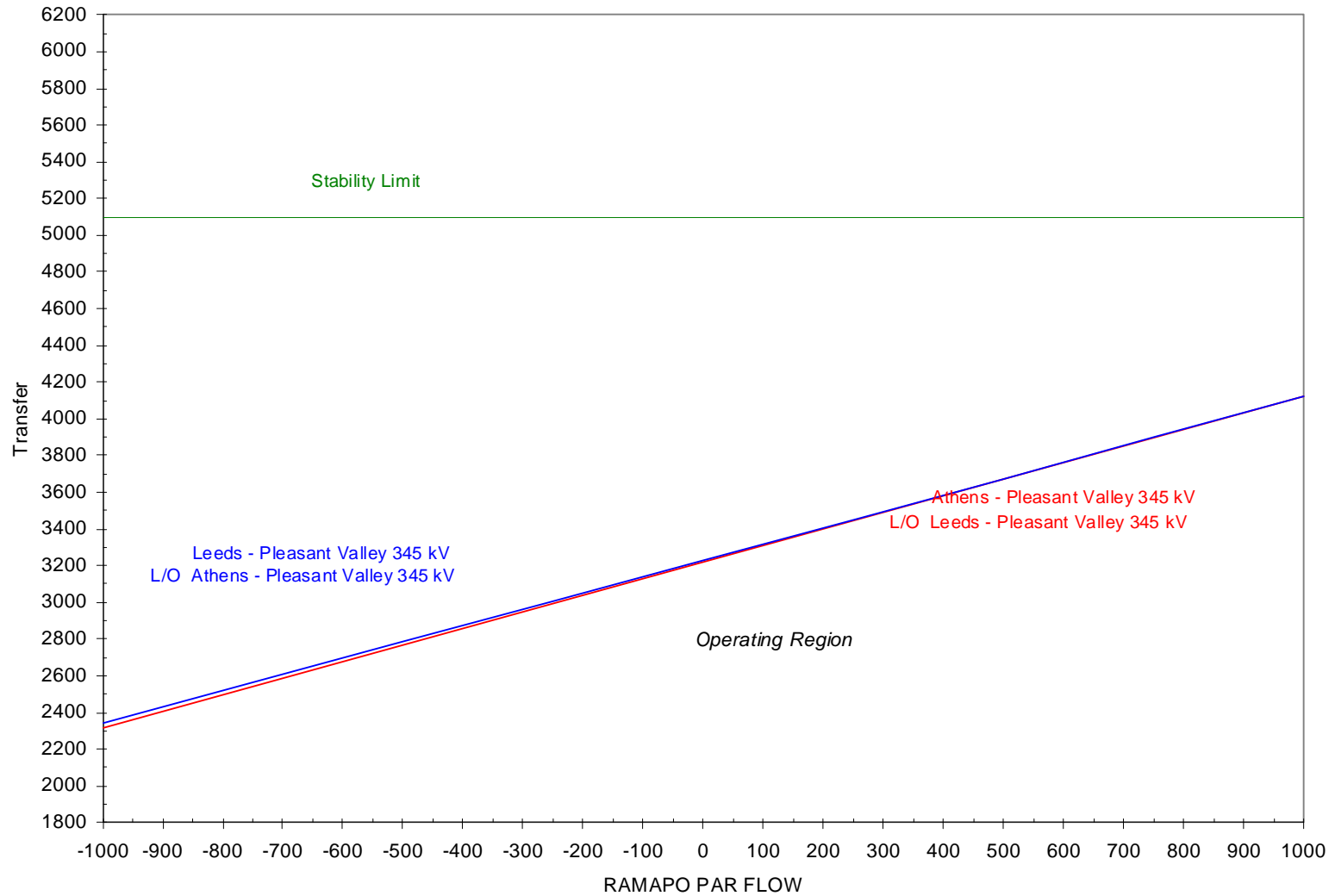
Total East vs. RAMAPO PAR Flow For Normal Transfer Criteria Summer 2010



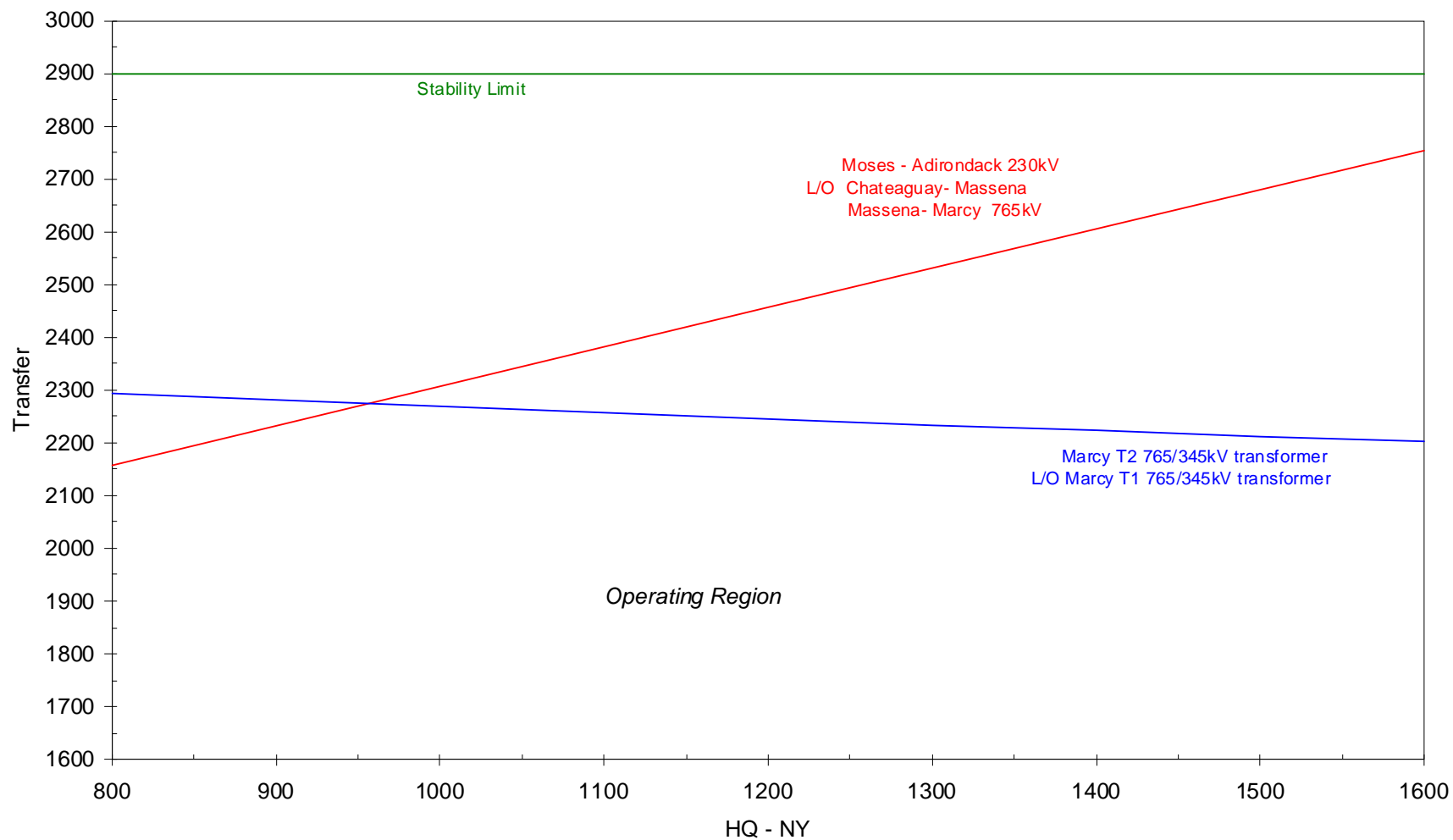
Central East vs. RAMAPO PAR Flow For Normal Transfer Criteria Summer 2010



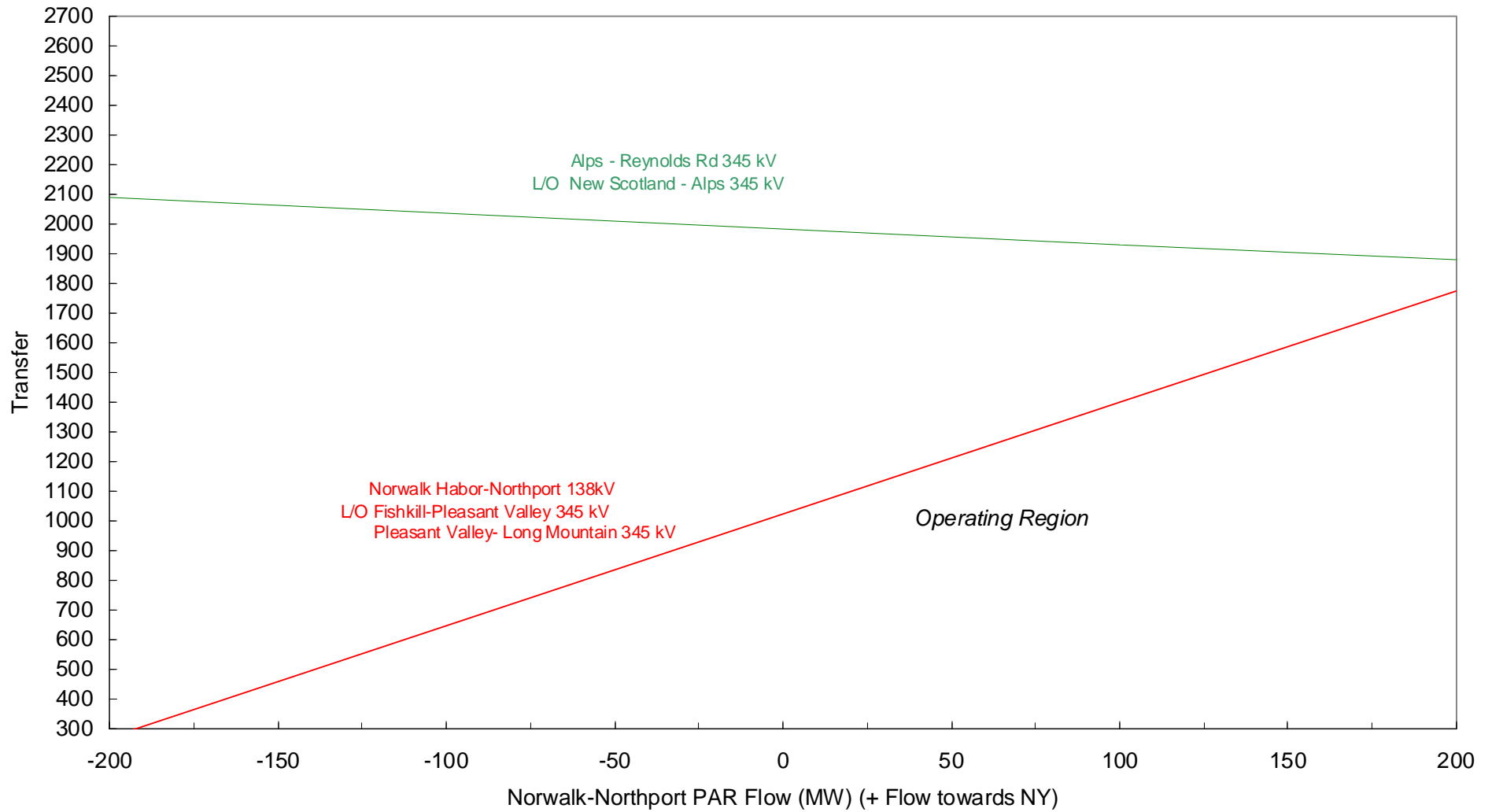
UPNY CONED vs. RAMAPO PAR Flow
For Normal Transfer Criteria
Summer 2010



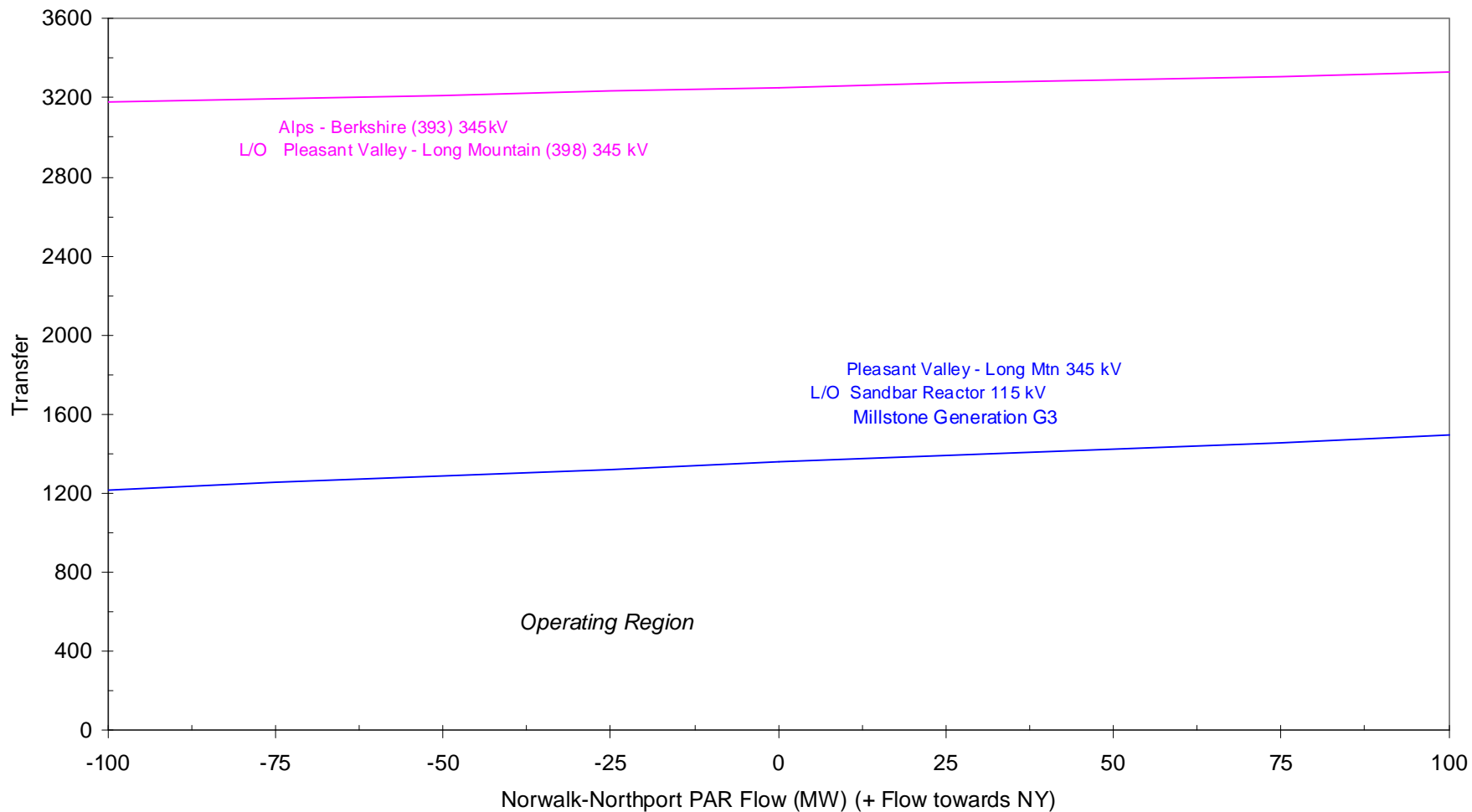
Moses South vs. HQ Export to New York For Normal Transfer Criteria Summer 2010



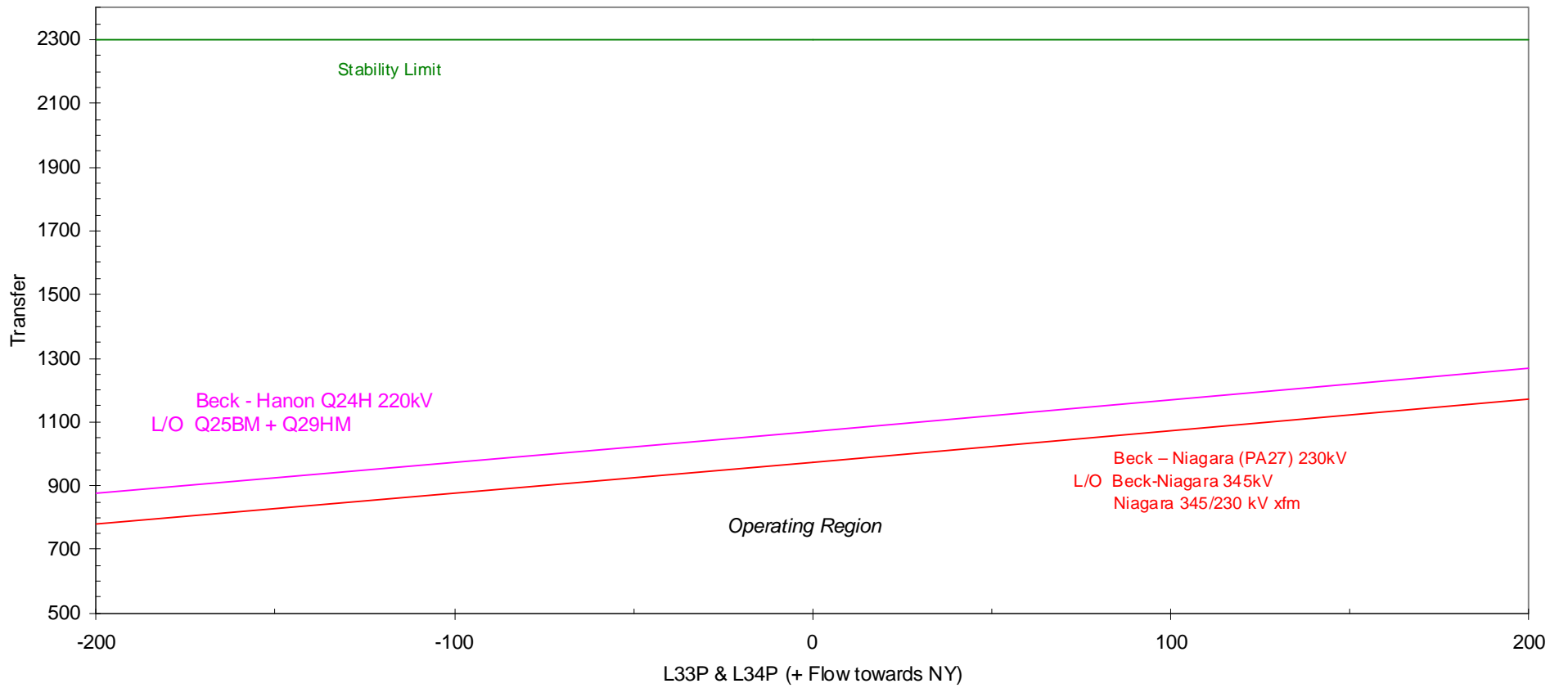
NE-NY vs. NORWALK-NORTHPORT PAR Flow For Normal Transfer Criteria Summer 2010



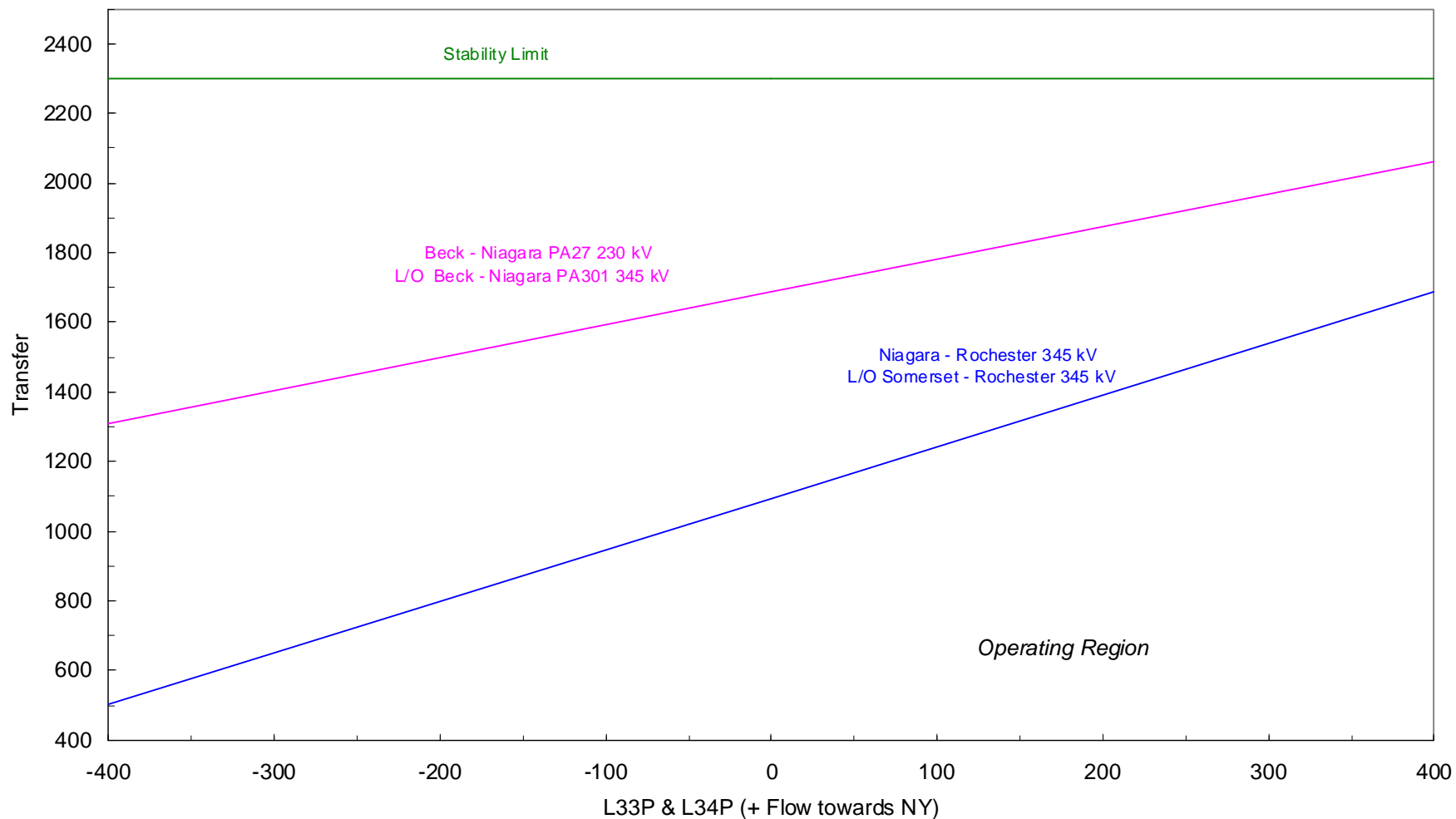
NY-NE vs. NORWALK-NORTHPORT PAR Flow For Normal Transfer Criteria Summer 2010



NY- IESO (Ontario) Transfer vs. L33P & L34P
For Normal Transfer Criteria
Summer 2010 with BP76 O/S



IESO (Ontario)-NY Transfer vs. L33P & L34P For Normal Transfer Criteria Summer 2010 with BP76 O/S



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APPENDIX H

**COMPARISON OF TRANSFER LIMITS
SUMMER 2010 vs. SUMMER 2009**

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Comparison of Summer 2010 to Summer 2009 Thermal Limits

		SUMMER 2010		SUMMER 2009		
Interface		Limit (MW)	Contingency	Limit (MW)	Contingency	Delta
Dysinger East	Normal	2825	1	2825	1	0
	Emergency	3150	2	3125	2	25
West Central	Normal	1675	1	1650	1	25
	Emergency	1975	2	1950	2	25
UPNY - ConEd	Normal	3575	3	3975	3	-400
	Emergency	4225	4	4625	4	-400
Sprain Brook Dunwoodie-South	Normal	3425	5	3525	6	-100
	Emergency	3725	7	3825	8	-100
Con Ed - LIPA	Normal	900	9	900	9	0
	Emergency	1450	10	1450	10	0
Central East	MSC-7040 FLOW	1600 MW		1600 MW		
	Normal	2925	11	2975	11	-50
	Emergency	3250	12	3275	12	-25
	MSC-7040 FLOW	1200 MW		1200 MW		
	Normal	2900	11	2950	11	-50
	Emergency	3225	12	3250	12	-25
	MSC-7040 FLOW	800 MW		800 MW		
	Normal	2875	11	2925	11	-50
	Emergency	3200	12	3225	12	-25
Total East	MSC-7040 FLOW	1600 MW		1600 MW		
	Normal	5150	13	5075	13	75
	Emergency	6125	14	5975	14	150
	MSC-7040 FLOW	1200 MW		1200 MW		
	Normal	5050	15	5175	13	-125
	Emergency	6025	14	6025	14	0
	MSC-7040 FLOW	800 MW		800 MW		
	Normal	5100	15	5350	13	-250
	Emergency	6100	14	6200	14	-100
Moses - South	MSC-7040 FLOW	1600 MW		1600 MW		
	Normal	2200	16	2200	16	0
	Emergency	2650	17	2675	17	-25
	MSC-7040 FLOW	1200 MW		1200 MW		
	Normal	2250	16	2250	16	0
	Emergency	2675	20	2725	17	-50
	MSC-7040 FLOW	800 MW		800 MW		
	Normal	2150	18	2075	19	75
	Emergency	2375	20	2450	20	-75

NYISO SUMMER 2010 AND 2009 CROSS-STATE THERMAL LIMIT CONTINGENCY LIST

	Limiting Element	Rating			Contingency
(1)	Niagara - Rochester (NR-2) 345kV	LTE	1501 MW	L/O	AES/Somerset - Rochester (SR-1) 345kV
(2)	Niagara - Rochester (NR-2) 345kV	STE	1685 MW	L/O	AES/Somerset - Rochester (SR-1) 345kV
(3)	Athens – Pleasant Valley (91) 345kV	LTE	1538 MW	L/O	Leeds – Pleasant Valley (92) 345kV
(4)	Leeds – Pleasant Valley (92) 345kV	STE	1724 MW	L/O	Athens – Pleasant Valley (91) 345kV
(5)	Mott Haven – Rainey 345kV	SCUC	920 MW	L/O	Mott Haven – Rainey 345 kV Rainey 345/138 kV transformer
(6)	Mott Haven – Rainey 345kV	SCUC	921 MW	L/O	Mott Haven – Rainey 345 kV
(7)	Mott Haven – Rainey 345kV	STE	1075 MW	L/O	Mott Haven – Rainey 345kV
(8)	Mott Haven – Rainey 345kV	STE	1077 MW	L/O	Mott Haven – Rainey 345kV
(9)	Dunwoodie – Shore Rd. (Y50) 345kV	LTE	914 MW	L/O	Sprain Brook – E.G.C. (Y49) 345kV
(10)	Dunwoodie – Shore Rd. (Y50) 345 kV	NOR	653 MW		Pre-Contingency Loading
(11)	New Scotland – Leeds (93) 345kV	LTE	1538 MW	L/O	New Scotland – Leeds (94) 345kV
(12)	New Scotland – Leeds (93) 345kV	STE	1724 MW	L/O	New Scotland – Leeds (94) 345kV
(13)	Fraser–Coopers Corners (FCC-33) 345kV	LTE	1404 MW	L/O	Marcy–Coopers Corners (UCC2-41) 345 kV Porter – Rotterdam (30) 230 kV
(14)	Fraser–Coopers Corners (FCC-33) 345kV	NOR	1207 MW		Pre-Contingency Loading
(15)	Fraser – Gilboa (GF5-35) 345 kV	LTE	1195 MW	L/O	Double-circuit Tower 41&33 Marcy – Coopers Corners (UCC2-41) 345 kV Fraser – Coopers Corners (33) 345 kV
(16)	Marcy 765/345 T2 transformer	LTE	1650 MW	L/O	Marcy 765/345 T1 transformer
(17)	Marcy 765/345 T2 transformer	STE	1971 MW	L/O	Marcy 765/345 T1 transformer
(18)	Moses - Adirondack 230kV	LTE	386 MW	L/O	Chateauguay–Massena (MSC-7040) 765 kV Massena – Marcy (MSU-1) 765 kV and TransÉnergie delivery
(19)	Moses - Adirondack 230kV	LTE	359 MW	L/O	Chateauguay–Massena (MSC-7040) 765 kV Massena – Marcy (MSU-1) 765 kV and TransÉnergie delivery
(20)	Moses - Adirondack 230kV	STE	440 MW	L/O	Chateauguay–Massena (MSC-7040) 765 kV Massena – Marcy (MSU-1) 765 kV and TransÉnergie delivery

APPENDIX I

**GENERATION SHIFTS ASSUMED
FOR THERMAL ANALYSIS**

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GENERATION PARTICIPATION FOR THERMAL ANALYSIS

----- STUDY SYSTEM ----->				----- OPPOSING SYSTEM ----->					
<- GENERATOR MW-->				<----- GENERATOR MW ---->					
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE		
DYSINGER EAST, WEST CENTRAL									
158741	NANTICG6	440.3	490.3	50	126340	KEYSPG-1	131.4	127.9	-3.5
160704	LAMBTNG3	446.3	496.3	50	126252	ER G7	184	180.5	-3.5
					126653	AK 2	240	220	-20
					126655	AST 4	167.1	147.1	-20
					126656	AST 5	330	310	-20
					126710	SCS18-G5	147	137	-10
					126711	SCS18-G6	196	186	-10
					129025	NRTPTG2	240	227	-13
UPNY - CONED									
158740	NANTICG5	440.3	455.3	15	126252	ER G7	184	180.5	-3.5
160704	LAMBTNG3	446.3	461.3	15	126655	AST 4	167.1	147.1	-20
135800	HNTLY67G	100	105	5	126656	AST 5	330	310	-20
135801	HNTLY68G	100	105	5	126658	RAV 2	353	333	-20
136701	9M PT 1G	630	680	50	129025	NRTPTG2	240	227	-13
147765	MOS19-20	114	124	10	126692	SCS18-G4	147	143.5	-3.5
					126710	SCS18-G5	147	137	-10
					126711	SCS18-G6	196	186	-10
SPRAIN BROOK DUNWOODIE - SOUTH									
158743	NANTICG8	440.3	455.3	15	126652	RAV 3	940.7	900.7	-40
160704	LAMBTNG3	446.3	461.3	15	126655	AST 4	167.1	137.1	-30
135391	DUNGEN4	120	125	5	126710	SCS18-G5	147	132	-15
135801	HNTLY68G	100	105	5	126711	SCS18-G6	196	181	-15
136701	9M PT 1G	630	680	50					
147765	MOS19-20	114	124	10					
CONED - LIPA									
125190	ROSE GN1	610	627	17	129024	NRTPTG1	260	242	-18
126252	ER G7	184	186.5	2.5	129026	NRTPTG3	240	222	-18
126652	RAV 3	940.7	965.7	25	129027	NRTPTG4	270	252	-18
126655	AST 4	167.1	174.6	7.5	129093	PTJFIG4	120	84	-36
126656	AST 5	330	337.5	7.5	147821	NYP108	50	40	-10
126692	SCS18-G4	147	149.5	2.5					
126710	SCS18-G5	147	155	8					
126711	SCS18-G6	196	204	8					
146840	BOW2	530	538.5	8.5					
147788	POLETGT2	146	159.5	13.5					
CENTRAL EAST, TOTAL EAST									
158740	NANTICG5	440.3	455.3	15	126252	ER G7	184	180.5	-3.5
160704	LAMBTNG3	446.3	461.3	15	126653	AK 2	240	220	-20
135800	HNTLY67G	100	105	5	126655	AST 4	167.4	147.4	-20
135801	HNTLY68G	100	105	5	126656	AST 5	330	310	-20
136701	9M PT 1G	630	680	50	126692	SCS18-G4	147	143.5	-3.5
147765	MOS19-20	114	124	10	126710	SCS18-G5	147	137	-10

GENERATION PARTICIPATION FOR INTERFACES

----- STUDY SYSTEM ----->					----- OPPOSING SYSTEM ----->				
<--- GENERATOR MW-->					<----- GENERATOR MW --->				
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE		
				126711	SCS18-G6	196	186	-10	
				129025	NRTPTG2	240	227	-13	
MOSES SOUTH									
147763	MOS17-18	110.3	160.3	50	126652	RAV 3	940.7	430.7	-10
147766	MOS21-22	114	164	50	126655	AST 4	167.4	157.4	-10
					126656	AST 5	330	320	-10
					135391	DUNKGEN4	120	120	-10
					135801	HNTLY68G	100	90	-10
					136701	9M PT 1G	630	580	-50
NY - ONTARIO									
125190	ROSE GN1	610	623.8	13.8	156662	DARL G2	900	875	-25
126650	AK 3	270	281	11	156663	DARL G3	900	875	-25
126655	AST 4	167.1	170	2.9	156664	DARL G4	900	875	-25
126656	AST 5	330	332.9	2.9	156676	PICK_A_GS4	500	475	-25
130873	SOMERSET24	536.7	540.5	3.8					
126663	COGENGT5	85	87.3	2.3					
128963	HEMP RR	52	52.6	0.6					
128984	CALP_CTG	65	67	2					
129025	NRTPTG2	240	243.9	3.9					
129026	NRTPTG3	240	243.6	3.6					
129027	NRTPTG4	270	275.2	5.2					
129071	CAITH-GT	140	141.5	1.5					
129072	CAITH-ST	130	131.3	1.3					
129092	PTJFIG3	123	124.1	1.1					
136701	9M PT 1G	630	647	17					
136704	OCWE GEN	32	33	1					
136719	SITH-S5	183	187.2	4.2					
136762	CLIMAX	48	49.7	1.7					
136773	GLEN PRK	15	16.1	1.1					
147777	GILBOA#1	290	291	1					
147779	GILBOA#3	84.3	87.5	3.2					
147797	JAFITZ1G	854	861	7					
147820	BRNTWDGT	44	454.6	1.6					
147821	NYPA108	50	52.6	2.6					
128880	SHMHVDCL	330	333.8	3,8					
ONTARIO - NY									
155713	LENNOXG2	465.5	490.5	25	125190	ROSE GN1	610	606.8	-3.8
155714	LENNOXG3	209.1	234.1	25	126650	AK 3	270	263.6	-6.4
155715	LENNOXG4	212.2	237.2	25	126655	AST 4	167.1	166.9	-0.2
160716	WEST WG1	53.7	78.7	25	126656	AST 5	330	329.8	-0.2
					126710	SCS18-G5	147	142.2	-4.8
					126711	SCS18-G6	196	191.2	-4.8
					130873	SOMERSET24	536.7	524	-12.7
					131105	WESTOVER 8	80	78.4	-1.6
					131314	GRNIDG 4	99	96.5	-2.5

GENERATION PARTICIPATION FOR THERMAL ANALYSIS

----- STUDY SYSTEM ----->				----- OPPOSING SYSTEM ----->					
<- GENERATOR MW-->				<----- GENERATOR MW ---->					
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE		
				131393	INDEC S\$	50.1	49.4	-0.7	
				131461	CAYUGA 2	120	116.2	-38	
				131462	CAYUGA 1	120	116.2	-3.8	
				131615	WTHRS GE G3	3.8	3.1	-0.7	
				131616	WTHRS GE G4	3.8	3.1	-0.7	
				135391	DUNKGEN4	120	116.2	-3.8	
				135800	HNTLY67G	100	93.6	-6.4	
				136704	OCWE GEN	32	31	-1	
				136706	HMGENBUS	50.4	49.5	-0.9	
				136713	LIGHHILL	27	26.4	-0.6	
				136716	SITH-G2	152	149.5	-2.5	
				136717	SITH-G3	152	149.5	-2.5	
				136719	SITH-G5	183	180.5	-2.5	
				136720	SITH-G6	183	180.5	-2.5	
				136728	ESYR GT1	35.3	34.7	-0.6	
				137458	ATHENSC2	160	155.6	-4.4	
				137459	STHENSS2	90	88	-2	
				137713	BETHGT3	130	125.5	-4.5	
				147797	JAFITZ1G	854	834.9	-19.1	
NY - NE									
125190	ROSE GN1	611.2	641.2	30	105464	NEWINGTON G1	422	397	-25
125193	DANSK G4	220	250	30	101251	CANAL G1	566	541	-25
126655	AST 4	168.6	176.1	7.5	101252	CANAL G2	576	546	-30
126656	AST 5	330	337.5	7.5	121657	MILLSTONE G3	1276	1256	-20
137711	BETHGT1	130	133	3					
137713	BETHGT3	130	133	3					
146840	BOW2	530	545	15					
147779	GILBOA#3	84.7	88.7	4					
NE - NY									
105464	NEWINGTON G1	422	447	25	125190	ROSE GN1	608.7	578.7	-30
101251	CANAL G1	566	591	25	125193	DANSK G4	220	215	-5
101252	CANAL G2	576	606	30	125194	DANSK G3	123	108	-15
121657	MILLSTONE G3	1276	1296	20	137711	BETHGT1	130	127	-3
					137713	BETHGT3	130	127	-3
					146840	BOW2	530	515	-15
					147777	GILBOA#1	290	265	-25
					147779	GILBOA#3	83.7	79.7	-4
NY - PJM									
125190	ROSE GN1	610	632	22		Scale shift to all			
125205	NEVER-GN	20	20.7	0.7		PJM generation			
126650	AK 3	505	513	8					
126711	SCS18-G6	225	232.4	7.4					
128900	BARETG1	190	192.7	2.7					
129092	PTJFIG3	123.1	130.1	7					
130873	SOMERSET24	536.8	540.8	4					
135391	DUNKGEN4	120	123.4	3.4					

GENERATION PARTICIPATION FOR INTERFACES

----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<--- GENERATOR MW-->					<----- GENERATOR MW --->				
BUS NAME	BASE	SHIFT	CHANGE		BUS NAME	BASE	SHIFT	CHANGE	
137713	BETHGT3	130	134	4					
146804	SHOEM69	31	32.1	1.1					
146840	BOW2	530	544.8	14.8					
147779	GILBOA#3	280.5	284.1	3.6					
147797	JAFITZ1G	854	874	20					
147821	NYPA108	50	51.3	1.3					
PJM - NY									
Scale shift from all					125193	DANSK G4	70	64	-6
PJM generation					126469	ERGT2	148.4	144.9	-3.5
					126655	AST 4	0	-8	-8
					126656	AST 5	330	317	-13
					126710	SCS18-G5	0	-4.6	-4.6
					131105	WESTOVER 8	80	77	-3
					131461	CAYUGA 2	74	70.4	-3.6
					135800	HNTLY67G	100	94.1	-5.9
					136200	GERES LK	0	-4.3	-4.3
					136704	OCWE GEN	32	30	-2
					136706	HMGENBUS	50.4	48.7	-1.7
					136715	SITH-G1	20	15.3	-4.7
					136716	SITH-G2	20	15.3	-4.7
					136717	SITH-G3	15	10.2	-4.8
					137458	ATHENSC2	160	150	-10
					137459	ATHENSS2	90	85.6	-4.4
					147797	JAFITZ1G	854	838.3	-15.7

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APPENDIX J

DISTRIBUTION FACTORS

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Table-1 DISTRIBUTION FACTORS FOR DYSINGER EAST CIRCUITS

Monitered Element			Base Flow	TRANSFER	KINTI-ROCH	NIAGAR-ROCH	WTHRS-MEYER	LOCKPT-SOUR	LOCKPT-SHEL	NIAGAR-ROCH
SOMERSET345	345 ROCH 345	345 1	684.24	25.17%	TRIP	44.82%	-14.89%	15.52%	14.17%	O/S
WTHRS230	230 MEYER230	230 1	318.16	9.97%	5.77%	6.97%	TRIP	6.23%	5.69%	12.64%
ANDOVER1	115 PALMT115	115 1	0	0.00%	O/S	O/S	O/S	O/S	O/S	O/S
LOCKPORT	115 SHEL-113	115 1	90.11	2.76%	3.59%	4.35%	-3.73%	13.73%	TRIP	7.87%
LOCKPORT	115 NAKR-108	115 1	53.35	0.99%	1.30%	1.57%	-1.34%	3.81%	3.54%	2.84%
LOCKPORT	115 OAKFLDTP	115 1	59.55	1.16%	1.51%	1.83%	-1.57%	4.45%	4.13%	3.31%
LOCKPORT	115 SOUR-111	115 1	84.53	2.62%	3.41%	4.12%	-3.54%	TRIP	11.90%	7.47%
LOCKPORT	115 TELRDTP1	115 1	76.36	1.32%	1.72%	2.08%	-1.78%	6.17%	6.22%	3.76%
LOCKPORT	115 TELRDTP1	115 1	94.76	2.76%	3.59%	4.34%	-3.72%	11.63%	19.25%	7.87%
NIAG 345	345 ROCH 345	345 1	692.73	36.91%	54.35%	TRIP	-21.84%	22.76%	20.78%	TRIP
SUB-TOTALS			2153.79	83.66%	75.24%	70.07%	-52.41%	84.30%	85.67%	45.76%
L33P-L34P			-0.01	0.00%	9.32%	11.27%	-8.98%	4.60%	4.20%	20.43%
2 PJM-NYISO			1425.87	16.34%	15.43%	18.66%	-38.61%	11.10%	10.13%	33.81%
TOTALS				100.00%	100.00%	100.00%	-100.00%	100.00%	100.00%	100.00%

Table-2 DISTRIBUTION FACTORS FOR WEST CENTRAL CIRCUITS

Monitered Element				Base Flow	TRANSFER	PANNEL-CLAY	WTHRS-MEYER	S121-SLEGH	PANNEL-FARM	PANNEL-CLAY
WTHRS230	230	MEYER230	230 1	318.16	9.97%	-2.61%	TRIP	-2.81%	-8.87%	-6.21%
QUAKER	115	MACDN115	115 1	46.2	0.32%	-0.48%	-0.45%	-20.38%	-3.32%	-1.15%
S121 B#2	115	SLEIG115	115 1	97.69	2.63%	-3.69%	-1.96%	TRIP	-10.80%	-8.76%
ANDOVER1	115	PALMT115	115 1	0	0.00%	O/S	O/S	O/S	O/S	O/S
STA 162	115	S.PER115	115 1	32.25	0.23%	-1.87%	-18.92%	-2.23%	-5.09%	-4.44%
MORTIMER	115	LAWLER-1	115 1	67.51	2.65%	-2.93%	-1.08%	-4.33%	-5.96%	-6.95%
MORTIMER	115	LAWLER-2	115 1	68.56	2.62%	-2.77%	-1.32%	-4.08%	-14.61%	-6.58%
PANNELL3	345	CLAY	345 1	172.76	30.96%	TRIP	-9.54%	-19.24%	-20.20%	O/S
PANNELL3	345	CLAY	345 2	173.3	31.06%	-57.89%	-9.57%	-19.31%	-20.26%	TRIP
PANNELLI	115	FRMGTN-4	115 1	147.58	3.22%	-5.96%	-9.55%	-16.62%	TRIP	-14.15%
SUB-TOTALS				1124.01	83.66%	-78.19%	-52.41%	-88.99%	-89.12%	-48.21%
L33P-L34P				-0.01	0.00%	-8.30%	-8.98%	-3.38%	-2.49%	-19.72%
2 PJM-NYISO				1425.87	16.34%	-13.50%	-38.61%	-7.63%	-8.40%	-32.07%
TOTALS				2549.87	100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

Table-3 DISTRIBUTION FACTORS FOR TOTAL EAST CIRCUITS

Monitered Element			Base Flow	TRANSFER	PORTER-RTRDM	EDIC34-NSCOT	MARCY3-NSCOT	FRASER-GILBA	BRBURG-RAMPO	WALDWK-SMAWA	HUDSON-FARGT	LINDEN-GOETH	WALDWK-SMAWA	HUDSON-FARGT
PLAT T#3	115 NE_PV20_NY	115 1	113.87	0.00%	3.16%	2.85%	-3.04%	1.75%	0.76%	0.05%	0.32%	0.49%	0.46%	0.48%
COOPC345	345 ROCK TAV	345 2	701.31	15.98%	3.82%	6.55%	-6.92%	17.76%	4.20%	0.39%	0.32%	1.13%	3.53%	0.50%
BRANCHBG	500 RAMAPO 5	500 1	440.54	0.00%	1.94%	3.22%	-3.31%	2.88%	TRIP	3.20%	5.85%	15.16%	29.63%	8.83%
G22_VFT345KV	345 COGNTTECH	345 1	296.74	0.00%	0.27%	0.43%	-0.44%	0.51%	3.23%	0.30%	4.53%	11.22%	2.81%	6.72%
HUDSON1	345 B3402 PAR1	345 1	332.98	0.00%	0.79%	1.26%	-1.30%	1.65%	5.79%	2.27%	TRIP	20.29%	21.20%	0.00%
HUDSON2	345 C3403 PAR2	345 1	337.93	0.00%	0.80%	1.28%	-1.32%	1.66%	6.25%	2.16%	29.69%	21.29%	20.22%	TRIP
LINDEN	230 GOETHALS	230 1	333.07	0.00%	1.05%	1.70%	-1.76%	2.00%	12.94%	1.15%	17.51%	TRIP	10.71%	25.83%
NEPTCONV	345 NWBRG	345 1	661.18	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
COOPC345	345 MDTN TAP	345 1	817.82	17.36%	3.99%	6.83%	-7.21%	18.68%	4.79%	0.40%	0.12%	1.03%	4.18%	0.23%
FRASR345	345 GILB 345	345 1	438.93	16.59%	9.55%	23.15%	-23.88%	TRIP	3.39%	0.21%	1.97%	2.76%	1.82%	2.80%
E_SPR115	115 INGHAM-E	115 1	-8.73	0.89%	0.92%	-0.21%	0.21%	2.55%	0.16%	0.01%	0.08%	0.11%	0.10%	0.11%
W.WDB115	115 W.WDBR69	69.0 1	12.26	0.47%	0.31%	0.40%	-0.42%	0.98%	0.06%	0.00%	0.07%	0.09%	0.01%	0.10%
EDIC	345 N.SCOT77	345 1	876.03	18.63%	13.53%	TRIP	-32.02%	18.92%	3.09%	0.21%	1.22%	1.91%	1.96%	1.76%
PORTER 2	230 ROTRDM.2	230 1	268.06	4.76%	TRIP	5.53%	-5.62%	3.19%	0.76%	0.05%	0.31%	0.49%	0.48%	0.45%
PORTER 2	230 ROTRDM.2	230 2	268.01	4.76%	33.49%	5.53%	-5.62%	3.19%	0.76%	0.05%	0.31%	0.49%	0.48%	0.45%
INGMS-CD	115 INGHAM-E	115 1	119.96	0.00%	9.61%	3.75%	-3.79%	0.77%	0.41%	0.03%	0.16%	0.25%	0.26%	0.22%
MARCY T1	345 N.SCOT99	345 1	969.58	20.56%	14.74%	34.31%	TRIP	20.91%	3.41%	0.23%	1.36%	2.12%	2.16%	1.95%
WALDWICK	345 SMAHWAH1	345 1	-467.11	-0.19%	1.03%	1.73%	-1.78%	1.24%	25.07%	89.29%	18.33%	10.74%	0.00%	25.12%
SMAH138	138 SMAHWAH1	345 1	-96.13	0.59%	-0.02%	-0.02%	0.02%	0.18%	-0.21%	-2.26%	-0.71%	-0.45%	0.54%	-0.98%
WALDWICK	345 SMAHWAH2	345 1	-533.98	0.19%	1.01%	1.72%	-1.77%	1.36%	24.94%	TRIP	17.86%	10.44%	TRIP	24.48%
SMAH138	138 RAMP138	138 1	-155.12	-0.47%	0.00%	0.00%	0.00%	-0.17%	0.25%	1.95%	0.56%	0.34%	-0.36%	0.77%
MONTVALE	69.0 BLUHILL	69.0 1	6.7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MONTVALE	69.0 BLUHILL	69.0 2	6.7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SMAH69	69.0 HILB69	69.0 1	-91.59	-0.32%	0.00%	-0.01%	0.01%	-0.10%	-0.08%	0.18%	0.08%	0.04%	-0.15%	0.11%
CRESSKIL	69.0 SPARKILL	69.0 1	2.56	0.02%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%
HCOR69	69.0 WNYA69	69.0 1	45.94	0.06%	0.01%	0.01%	-0.01%	0.03%	0.00%	0.02%	0.02%	0.02%	-0.02%	0.03%
HCOR34	34.5 PEARL34	34.5 1	4.51	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MONTVALE	69.0 L491T	69.0 1	-64.53	0.09%	0.01%	0.01%	-0.01%	0.04%	0.02%	0.07%	0.03%	0.03%	-0.01%	0.04%
HCOR138	138 CORPORATE DR	138 1	-138.01	0.04%	0.00%	0.01%	-0.01%	0.02%	0.02%	0.04%	0.01%	0.01%	0.00%	0.02%
TOTALS			5499.48	100.00%	100.00%	100.00%	-100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-4 DISTRIBUTION FACTORS FOR UPNY-CONED CIRCUITS

Monitered Element			Base Flow	TRANSFER	PLVLLY-MILLW	PLVLLY-FISHK	RAMAPO-BUCHN	LADNTW-BUCHS	LINDEN-GOETH	HUDSON-FARGT	ROSETN-FISHK
ROSETON	345 E FISHKILL	345 1	1551.31	19.23%	11.39%	-15.37%	-16.75%	-23.00%	7.38%	7.34%	TRIP
E FISH I	115 E FISHKILL	345 1	-74.98	1.80%	0.52%	-2.58%	-0.84%	-0.97%	0.46%	0.42%	6.40%
FISHKILL	115 SYLVN115	115 1	122.32	0.97%	-0.77%	0.07%	-0.37%	-0.66%	0.20%	0.18%	0.51%
RAMAPO	345 BUCHANAN N	345 1	83.22	13.66%	-3.46%	0.21%	TRIP	-43.21%	12.87%	14.07%	13.65%
LADENTWN	345 BUCHANAN S	345 1	376.45	13.81%	-18.22%	3.68%	-56.78%	TRIP	18.63%	20.72%	24.64%
PLTVLLEY	345 E FISHKILL	345 1	253.28	8.07%	-23.70%	TRIP	0.53%	7.23%	0.74%	0.43%	32.32%
PLTVLLEY	345 E FISHKILL	345 2	253.28	8.07%	-23.70%	-66.26%	0.53%	7.23%	0.74%	0.43%	32.32%
PLTVLLEY	345 MILLWOOD	345 1	809.12	17.32%	TRIP	-8.73%	-3.29%	-13.18%	2.14%	1.48%	-8.83%
PLTVLLEY	345 WOOD B	345 1	841.06	17.09%	-34.84%	-9.12%	-3.26%	-12.74%	2.13%	1.48%	-8.54%
SUB-TOTALS			4215.06	100.00%	-92.78%	-98.10%	-80.22%	-79.29%	45.27%	46.53%	92.48%
LINDEN	230 GOETHALS	230 1	333.07	0.00%	-0.83%	-0.11%	-4.76%	-5.25%	TRIP	17.51%	2.23%
HUDSON1	345 B3402 PAR1	345 1	332.98	0.00%	-0.67%	-0.07%	-6.04%	-6.76%	20.29%	TRIP	2.57%
HUDSON2	345 C3403 PAR2	345 1	337.93	0.00%	-0.67%	-0.07%	-5.88%	-6.59%	21.29%	29.69%	2.52%
NRTHPT P	138 NRTHPT1	138 1	97.95	0.00%	-4.84%	-1.63%	-1.88%	-0.76%	1.92%	1.75%	-0.36%
G22_VFT345KV	345 COGNTECH	345 1	296.74	0.00%	-0.21%	-0.03%	-1.22%	-1.35%	11.22%	4.53%	0.57%
TOTALS			5613.73	100.00%	-100.00%	-100.00%	-100.00%	-100.00%	100.00%	100.00%	100.00%

Table-5 DISTRIBUTION FACTORS FOR SPRAINBROOK DUNWOODIE SOUTH CIRCUITS

Monitered Element			Base Flow	TRANSFER	SPRAIN-TRMNT	SPRAIN-W49TH	DUNWDE-RAINY	VSTR-JAMAICA	LKSUC-JMAICA	REAC72-MOTT
SPRAINBROOK	345 TREMONT	345 1	301.35	0.00%	TRIP	-2.83%	2.63%	-6.28%	-6.89%	3.27%
REACM51	345 W 49 ST	345 1	592.59	24.20%	4.74%	TRIP	18.72%	-6.05%	-6.70%	0.00%
REACM52	345 W 49 ST	345 2	592.59	24.20%	4.74%	-21.55%	18.72%	-6.05%	-6.70%	23.56%
DUN NO1R	138 S CREEK	138 1	114.81	0.00%	16.10%	-1.26%	1.34%	-2.96%	-3.29%	1.63%
DUN NO2R	138 S CREEK	138 1	114.9	0.00%	19.53%	-1.53%	1.62%	-3.59%	-3.99%	1.97%
DUN SO1R	138 E179 ST	138 1	169.6	0.00%	24.48%	-1.92%	2.03%	-4.50%	-5.00%	2.47%
V STRM P	138 JAMAICA	138 1	121.73	0.00%	7.10%	-4.08%	4.00%	TRIP	-45.01%	4.94%
L SUCSPH	138 JAMAICA	138 1	163.73	0.00%	8.68%	-5.04%	5.12%	-50.14%	TRIP	6.28%
REAC71	345 MOTT HAVEN	345 3	584.18	25.89%	4.52%	-19.15%	TRIP	-6.08%	-6.98%	27.52%
REAC72	345 MOTT HAVEN	345 4	580.16	25.71%	4.48%	-19.01%	22.83%	-6.03%	-6.93%	TRIP
SUB-TOTALS			3335.64	100.00%	94.36%	-76.37%	77.01%	-91.67%	-91.48%	71.63%
LINDEN	230 GOETHALS	230 1	333.07	0.00%	1.65%	-6.52%	6.35%	-2.34%	-2.37%	7.84%
HUDSON1	345 B3402 PAR1	345 1	332.98	0.00%	1.80%	-7.81%	7.59%	-2.73%	-2.80%	9.37%
HUDSON2	345 C3403 PAR2	345 1	337.93	0.00%	1.76%	-7.64%	7.42%	-2.67%	-2.74%	9.17%
TOTALS			4339.62	100.00%	99.58%	-98.33%	98.38%	-99.40%	-99.39%	98.00%

Table-6 DISTRIBUTION FACTORS FOR MOSES SOUTH CIRCUITS

Monitered Element				Base Flow	TRANSFER	MASSEN_CHAT	MASSEN-MARCY	MOSES2-ADRON	MOSES2-ADRONB1
ALCOA-NM	115	BRADY	115 1	25.54	1.11%	0.43%	-2.12%	-0.76%	-1.83%
ALLENS F	115	COLTON	115 1	-3.69	1.59%	0.28%	-1.87%	-0.69%	-1.63%
DENNISON	115	ANDRWS-4	115 1	12.79	2.09%	0.80%	-3.98%	-1.42%	-3.43%
DENNISON	115	LWRNCE-B	115 1	15.92	2.09%	0.80%	-3.99%	-1.42%	-3.44%
MASS 765	765	MARCY765	765 1	1237.59	74.06%	65.43%	TRIP	-43.53%	O/S
MOSES W	230	ADRON B1	230 1	131.82	9.54%	3.23%	-18.50%	TRIP	TRIP
MOSES W	230	ADRON B2	230 1	131.83	9.54%	3.23%	-18.50%	-36.51%	-48.47%
SUB-TOTALS				1551.8	100.00%	74.18%	-48.97%	-84.33%	-58.80%
MOSES E	230	ST_LAWR_L33P	230 1	0.1	0.00%	9.89%	-17.13%	-5.08%	-13.63%
MOSES E	230	ST_LAWR_L34P	230 1	-0.09	0.00%	12.37%	-21.42%	-6.35%	-17.05%
MOSES W	230	WILLIS E	230 1	27.79	0.74%	1.90%	-7.06%	-2.43%	-5.98%
MOSES W	230	WILLIS W	230 1	27.6	0.74%	1.89%	-7.02%	-2.41%	-5.94%
TOTALS				1607.2	101.48%	100.22%	-101.60%	-100.59%	-101.40%

Table-7 DISTRIBUTION FACTORS FOR NEISO NYISO CIRCUITS

Monitered Element				Base Flow	TRANSFER	NHHAR_GEN	VTYANK_GEN	YRMTH_GEN	SBRK_GEN	HIGATE_DC	ELLRIVER	MADWAS_DC	ALPS34-MANY	PV.345-LNGMT	
NE_PV20_NY	115 PLAT T#3	115 1		-113.87	0.00%	4.10%	7.40%	7.44%	7.21%	36.27%	7.51%	7.51%	7.73%	5.10%	
NE_K37_NY	115 WHITEHAL	115 1		0.08	0.00%	2.12%	5.93%	4.66%	4.48%	7.37%	4.68%	4.68%	8.77%	4.14%	
NE_K6_NY	115 HOOSICK	115 1		1.6	-3.50%	1.57%	2.22%	2.65%	2.69%	1.27%	2.64%	2.64%	9.51%	3.11%	
NE_393_NY	345 ALPS345	345 1		146.77	-34.95%	19.39%	38.22%	32.42%	32.11%	21.59%	32.40%	32.40%	TRIP	38.77%	
NE_E205W_NY	230 ROTRDM.2	230 1		-25.17	-8.20%	4.64%	6.40%	7.85%	7.97%	4.08%	7.84%	7.84%	15.67%	7.79%	
NE_398_NY	345 PLTVLLEY	345 1		-182.77	-53.36%	50.94%	29.61%	33.69%	34.14%	21.55%	33.65%	33.65%	46.36%	TRIP	
NE_601_NY	138 NRTHPT P	138 1		0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	O/S	O/S	
NE_602_NY	138 NRTHPT P	138 2		49.2	0.00%	8.65%	5.13%	5.66%	5.72%	3.95%	5.66%	5.66%	6.00%	20.62%	
NE_603_NY	138 NRTHPT P	138 3		48.87	0.00%	8.60%	5.10%	5.63%	5.69%	3.92%	5.62%	5.62%	5.96%	20.48%	
SHMHVDCL	192 SHOREHAM2	138 1		329.51	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
TOTALS				254.22	-100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-8 DISTRIBUTION FACTORS FOR ONTARIO NYISO CIRCUITS

Monitered Element	Base Flow	TRANSFERS	PA27-NIAGAR	STLAWR34-MOSES	STLAWR33-MOSES	BECKB-NIAGAR	BECKA-PA302
BECK_#2_TS_A 345 NIAG 345 345 1	62.68	38.39%	45.85%	9.41%	10.72%	65.28%	TRIP
BECK_#2_TS_B 345 NIAG 345 345 1	62.78	38.39%	45.85%	9.41%	10.72%	TRIP	0.00%
ST_LAWR_L33P 230 MOSES E 230 1	-0.1	0.00%	1.32%	TRIP	55.53%	1.37%	3.94%
ST_LAWR_L34P 230 MOSES E 230 1	0.09	0.00%	1.65%	60.97%	TRIP	1.71%	4.92%
BECK_#2_PA27 230 NIAGAR2W 230 1	-124.57	23.22%	TRIP	5.40%	6.15%	27.23%	78.41%
SUB-TOTALS	0.88	100.00%	94.66%	85.19%	83.13%	95.58%	87.27%
1 ON-MICH	-4.35	0.00%	5.02%	13.74%	15.66%	4.16%	11.97%
TOTALS	-3.47	100.00%	99.68%	98.93%	98.79%	99.74%	99.24%

Table-9 DISTRIBUTION FACTORS FOR PJM-NYISO CIRCUITS

Monitored Element	Base Flow	TRANSFER	ERIESO-FALCS	HMRCTY-STOLL	HMRCTY-WATER	E.TOWD-HILLS	BRBURG-RAMPO	WALDWK-SMAWA	HUDSON-FARGT	LINDEN-GOETH	WALDWK-SMAWA	HUDSON-FARGT
BRANCHBG 500 RAMAPO 5 500 1	440.54	0.00%	6.34%	6.14%	13.62%	7.37%	TRIP	3.20%	5.85%	15.16%	3.20%	8.83%
G22_VFT345KV 345 COGNTECH 345 1	296.74	0.00%	0.67%	0.65%	1.43%	0.81%	3.23%	0.30%	4.53%	11.22%	0.30%	6.72%
HUDSON1 345 B3402 PAR1 345 1	332.98	0.00%	1.71%	1.66%	3.60%	2.39%	5.79%	2.27%	TRIP	20.29%	2.27%	O/S
HUDSON2 345 C3403 PAR2 345 1	337.93	0.00%	1.77%	1.71%	3.71%	2.42%	6.25%	2.16%	29.69%	21.29%	2.16%	TRIP
LINDEN 230 GOETHALS 230 1	333.07	0.00%	2.68%	2.59%	5.67%	3.22%	12.94%	1.15%	17.51%	TRIP	1.15%	25.83%
NEPTCONV 345 NWBRG 345 1	661.18	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HOMER CY 345 STOLE345 345 1	233.75	13.32%	16.12%	TRIP	15.40%	3.77%	1.62%	0.11%	0.44%	0.80%	0.11%	0.65%
HOMER CY 345 WATRC345 345 1	512.68	24.33%	5.93%	16.95%	TRIP	5.74%	3.96%	0.28%	1.06%	1.93%	0.28%	1.54%
E.TWANDA 230 HILSD230 230 1	20.87	19.94%	7.10%	6.09%	8.42%	TRIP	3.14%	0.27%	1.03%	1.61%	0.27%	1.48%
LAUREL L 115 WESTOVER115 115 1	-20.8	6.58%	0.82%	0.39%	4.23%	10.83%	1.13%	0.10%	0.37%	0.57%	0.10%	0.53%
E.SAYRE 115 N.WAV115 115 1	-9.24	8.02%	2.00%	1.43%	4.25%	33.73%	1.31%	0.11%	0.42%	0.66%	0.11%	0.60%
ERIE E 230 S RIPLEY 230 1	-71.84	20.92%	TRIP	22.61%	7.55%	6.16%	2.35%	0.17%	0.64%	1.16%	0.17%	0.93%
WARREN 115 FALCONER 115 1	34.91	6.88%	20.83%	8.69%	1.95%	3.31%	0.82%	0.06%	0.23%	0.41%	0.06%	0.34%
WALDWICK 345 SMAHWAH1 345 1	-467.11	-0.06%	3.69%	3.55%	7.98%	5.24%	25.07%	89.29%	18.33%	10.74%	89.29%	25.12%
SMAH138 138 SMAHWAH1 345 1	-96.13	0.19%	-0.29%	-0.28%	-0.66%	-0.40%	-0.21%	-2.26%	-0.71%	-0.45%	-2.26%	-0.98%
WALDWICK 345 SMAHWAH2 345 1	-533.98	0.06%	3.50%	3.37%	7.55%	4.98%	24.94%	TRIP	17.86%	10.44%	TRIP	24.48%
SMAH138 138 RAMP138 138 1	-155.12	-0.16%	0.23%	0.22%	0.51%	0.31%	0.25%	1.95%	0.56%	0.34%	1.95%	0.77%
MONTVALE 69.0 BLUHILL 69.0 1	6.7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MONTVALE 69.0 BLUHILL 69.0 2	6.7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SMAH69 69.0 HILB69 69.0 1	-91.59	-0.09%	0.09%	0.08%	0.20%	0.12%	-0.08%	0.18%	0.08%	0.04%	0.18%	0.11%
CRESSKIL 69.0 SPARKILL 69.0 1	2.56	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%
HCOR69 69.0 WNYA69 69.0 1	45.94	0.02%	-0.01%	-0.01%	-0.02%	-0.01%	0.00%	0.02%	0.02%	0.02%	0.02%	0.03%
HCOR34 34.5 PEARL34 34.5 1	4.51	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MONTVALE 69.0 L491T 69.0 1	-64.53	0.03%	-0.01%	-0.01%	-0.02%	-0.01%	0.02%	0.07%	0.03%	0.03%	0.07%	0.04%
HCOR138 138 CORPORATE DR 138 1	-138.01	0.01%	-0.01%	0.00%	-0.01%	-0.01%	0.02%	0.04%	0.01%	0.01%	0.04%	0.02%
SUB-TOTALS	1622.71	100.00%	73.15%	75.83%	85.35%	89.97%	92.54%	99.47%	97.96%	96.29%	99.47%	97.03%
1 MICH-ON	4.35	0.00%	25.29%	22.69%	13.74%	9.39%	6.96%	0.49%	1.91%	3.46%	0.49%	2.78%
TOTALS	1627.06	100.00%	98.44%	98.52%	99.09%	99.36%	99.51%	99.96%	99.87%	99.76%	99.96%	99.81%

Table-10a GENERATION SHIFT FACTORS WITH ALL PARS HOLDING MW FLOW

Monitered Element	CENTRAL-EAST	ONT-NYISO	ONTARIO-MICH	PJM-NYISO	WEST-CENTRAL	BBURG-RAMAPO	MARCY-SOUTH	UTICA-ALBANY
Base Flow	2490.84	-2.13	-1.58	1610.53	1121.84	438.3	1508.36	2379.74
DUM1	46.42%	0.00%	0.00%	0.00%	81.17%	0.00%	23.35%	45.16%
DUM2	46.42%	0.00%	0.00%	0.00%	81.17%	0.00%	23.35%	45.16%
NIAGARA	46.42%	0.00%	0.00%	0.00%	81.17%	0.00%	23.35%	45.16%
HUNTLEY	46.23%	0.00%	0.00%	0.00%	80.26%	0.00%	23.07%	44.95%
DUNKIRK	44.83%	0.00%	0.00%	0.00%	68.13%	0.00%	21.00%	43.40%
OSWEGO	50.86%	0.00%	0.00%	0.00%	-2.21%	0.00%	29.97%	50.13%
GILBOA	1.62%	0.00%	0.00%	0.00%	0.27%	0.00%	1.23%	1.23%
BETH	-15.50%	0.00%	0.00%	0.00%	-0.27%	0.00%	11.06%	-13.50%
ATHENS	-5.68%	0.00%	0.00%	0.00%	-0.07%	0.00%	5.01%	-5.60%
ROSETON	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.20%	0.23%
BOWLINE	1.33%	0.00%	0.00%	0.00%	0.02%	0.00%	-1.12%	1.28%
INDIANPT2	1.04%	0.00%	0.00%	0.00%	0.01%	0.00%	-0.87%	1.00%
NORWALK	-5.57%	0.00%	0.00%	0.00%	-0.10%	0.00%	4.31%	-5.20%
BRAYTON	-8.78%	0.00%	0.00%	0.00%	-0.16%	0.00%	6.65%	-8.12%
SBRK	-9.32%	0.00%	0.00%	0.00%	-0.17%	0.00%	7.06%	-8.62%
LAMBTON	46.86%	100.00%	0.00%	0.00%	83.66%	0.00%	24.00%	45.65%
NANTICOKE	46.86%	100.00%	0.00%	0.00%	83.66%	0.00%	24.00%	45.65%
BECK	46.86%	100.00%	0.00%	0.00%	83.66%	0.00%	24.00%	45.65%
CONEMAUGH	42.07%	0.00%	0.00%	100.00%	39.03%	0.00%	16.95%	40.36%
SALEM	42.01%	0.00%	0.00%	100.00%	37.80%	0.00%	16.86%	40.29%
PORTLAND	41.95%	0.00%	0.00%	100.00%	36.64%	0.00%	16.76%	40.21%
HUDSON	41.98%	0.00%	0.00%	100.00%	37.10%	0.00%	16.80%	40.24%
EDDYSTONE	42.01%	0.00%	0.00%	100.00%	37.72%	0.00%	16.85%	40.28%
BRANDON	42.07%	0.00%	0.00%	100.00%	38.77%	0.00%	16.95%	40.36%
KARNS	42.19%	0.00%	0.00%	100.00%	40.40%	0.00%	17.12%	40.49%
ZEEL	42.19%	0.00%	0.00%	100.00%	40.39%	0.00%	17.12%	40.49%
BOWEN	42.16%	0.00%	0.00%	100.00%	40.01%	0.00%	17.08%	40.46%
BAYSHORE	42.21%	0.00%	0.00%	100.00%	40.64%	0.00%	17.15%	40.52%
MTSTORM	42.13%	0.00%	0.00%	100.00%	39.59%	0.00%	17.03%	40.42%
HATFIELD	42.13%	0.00%	0.00%	100.00%	39.77%	0.00%	17.04%	40.43%
NEWTON	42.17%	0.00%	0.00%	100.00%	40.21%	0.00%	17.10%	40.48%
BB-RAMAPO	8.59%	7.45%	-6.96%	-7.45%	7.89%	TRIP	5.03%	8.02%

Table-10b GENERATION SHIFT FACTORS WITH ALL PARS HOLDING MW FLOW

Monitered Element	CENTRAL-EAST	ONT-NYISO	ONTARIO-MICH	PJM-NYISO	WEST-CENTRAL	BBURG-RAMAPO	MARCY-SOUTH	UTICA-ALBANY
Base Flow	2490.84	-2.13	-1.58	1610.53	1121.84	438.3	1508.36	2379.74
DUM1	26.73%	-16.62%	15.58%	16.62%	49.09%	7.38%	14.42%	25.15%
DUM2	26.73%	-16.62%	15.58%	16.62%	49.09%	7.38%	14.42%	25.15%
NIAGARA	26.73%	-16.62%	15.58%	16.62%	49.09%	7.38%	14.42%	25.15%
HUNTLEY	26.18%	-16.80%	15.76%	16.80%	47.26%	7.67%	14.03%	24.63%
DUNKIRK	22.65%	-7.77%	7.26%	7.77%	37.93%	9.61%	11.47%	21.27%
OSWEGO	38.11%	-9.52%	8.90%	9.52%	-13.93%	1.85%	23.33%	36.07%
GILBOA	-5.35%	-4.82%	4.50%	4.82%	-5.33%	-1.52%	-2.06%	-5.44%
BETH	-21.86%	-5.28%	4.93%	5.28%	-5.26%	-1.57%	8.44%	-17.46%
ATHENS	-10.88%	-3.94%	3.68%	3.94%	-4.18%	-2.49%	2.58%	-10.47%
ROSETON	-2.99%	-2.35%	2.20%	2.35%	-2.50%	-4.04%	-1.54%	-2.83%
BOWLINE	0.09%	-0.60%	0.56%	0.60%	-0.66%	-7.26%	-1.19%	0.07%
INDIANPT2	-0.25%	-0.67%	0.62%	0.67%	-0.72%	-6.46%	-0.99%	-0.24%
NORWALK	-5.99%	-2.55%	2.38%	2.55%	-2.41%	-3.02%	1.86%	-5.34%
BRAYTON	-10.84%	-4.20%	3.92%	4.20%	-3.64%	-2.31%	5.27%	-9.37%
SBRK	-11.10%	-4.49%	4.19%	4.49%	-3.76%	-2.15%	5.92%	-9.53%
LAMBTON	20.63%	42.76%	56.70%	57.25%	24.51%	11.25%	10.78%	19.43%
NANTICOKE	25.58%	64.27%	33.60%	35.73%	32.58%	8.33%	14.20%	24.13%
BECK	27.12%	76.85%	21.73%	23.16%	46.00%	7.30%	14.94%	25.55%
CONEMAUGH	11.85%	9.77%	-9.15%	90.23%	10.89%	16.52%	4.82%	11.08%
SALEM	7.91%	6.16%	-5.75%	93.84%	6.44%	19.22%	2.83%	7.38%
PORTLAND	6.88%	4.32%	-4.03%	95.69%	4.44%	14.62%	2.20%	6.41%
HUDSON	2.58%	1.56%	-1.46%	98.44%	1.62%	4.70%	0.42%	2.41%
EDDYSTONE	7.90%	6.07%	-5.67%	93.93%	6.36%	19.35%	2.81%	7.37%
BRANDON	10.98%	10.25%	-9.55%	89.75%	10.14%	17.22%	4.47%	10.27%
KARNS	16.62%	25.98%	-24.97%	74.02%	18.39%	13.62%	8.01%	15.61%
ZEEL	16.47%	25.36%	-24.30%	74.64%	18.15%	13.72%	7.90%	15.46%
BOWEN	14.25%	17.46%	-15.86%	82.54%	14.79%	15.07%	6.43%	13.36%
BAYSHORE	16.46%	24.43%	-23.73%	75.57%	18.18%	13.69%	7.87%	15.46%
MTSTORM	12.85%	13.35%	-12.44%	86.65%	12.70%	15.95%	5.53%	12.03%
HATFIELD	13.22%	13.22%	-12.36%	86.78%	13.09%	15.66%	5.69%	12.38%
NEWTON	14.99%	19.73%	-17.86%	80.27%	15.90%	14.60%	6.91%	14.06%

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