

Central-East Voltage Collapse Transfer Limits

Component Values

Oswego Generating Complex¹ Limits

	<u>0 Oswego</u>	<u>1 Oswego</u>	<u>2 Oswego</u>	<u>3 Oswego</u>	<u>4 Oswego</u>	<u>5 Oswego</u>
	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>
<u>Base Limit</u>	3460	3540	3640	3725	3805	3885

Limit Derates for Independence Generating Station

	<u>0 Oswego</u>	<u>1 Oswego</u>	<u>2 Oswego</u>	<u>3 Oswego</u>	<u>4 Oswego</u>	<u>5 Oswego</u>
	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>
<u>Independence Units I/S</u>						
0	645	485	335	240	150	95
1	515	395	265	195	115	75
2	380	300	195	145	80	55
3	245	205	125	95	45	35
4	165	140	85	65	30	25
5	85	70	45	35	15	15
6	0	0	0	0	0	0

Limit Derates for Athens Generating Station

	<u>0 Oswego</u>	<u>1 Oswego</u>	<u>2 Oswego</u>	<u>3 Oswego</u>	<u>4 Oswego</u>	<u>5 Oswego</u>
	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>	<u>Cmplx I/S</u>
<u>Athens Units I/S</u>						
0	120	120	120	120	120	120
1	80	80	80	80	80	80
2	40	40	40	40	40	40
3	0	0	0	0	0	0

¹ Commitment and I/S AVR status of Fitzpatrick, Nine Mile 1, Nine Mile 2, Oswego 5, Oswego 6

Central-East Voltage Collapse Transfer Limits

Component Values

Limit Derates for Transmission Facility Outages

<u>Transmission Facility Name</u>	<u>PTID</u>	<u>0 Oswego</u> <u>Cmplx I/S</u>	<u>1 Oswego</u> <u>Cmplx I/S</u>	<u>2 Oswego</u> <u>Cmplx I/S</u>	<u>3 Oswego</u> <u>Cmplx I/S</u>	<u>4 Oswego</u> <u>Cmplx I/S</u>	<u>5 Oswego</u> <u>Cmplx I/S</u>
FITZPTRK-EDIC____345_FE-1	25077	205	205	205	205	205	205
EDIC____-GORDONRD_345_14	327482	380	380	380	380	380	380
GORDONRD-ROTTRDAM_230_30	327485	35	35	35	35	35	35
GORDONRD-ROTTRDAM_230_31	327486	35	35	35	35	35	35
MASSENA_-MARCY____765_MSU1	25224	840	825	685	555	525	475
MARCY____-N.SCTLND_345_18	25276	485	485	485	485	485	485
VOLNEY____-MARCY____345_19	25345	200	200	200	200	200	200
INGHAM_C_115_115_PAR_2	25242	120	120	120	120	120	120
S HERO____-PLATSBRG_115_PV20	25027	100	100	100	100	100	100
PRINCTWN-N.SCTLND_345_55	327492	80	80	80	80	80	80
PRINCTWN-N.SCTLND_345_361	625031	85	85	85	85	85	85
PRINCTWN-N.SCTLND_345_362	625032	85	85	85	85	85	85
GORDONRD-PRINCTWN_345_371	625030	320	320	320	320	320	320
EDIC____-PRINCTWN_345_351	625077	390	390	390	390	390	390
EDIC____-PRINCTWN_345_352	625078	390	390	390	390	390	390

Central-East Voltage Collapse Transfer Limits

Component Values

Additional Limit Derate Adders for N-2 and N-3 Transmission Facility Outages

<u>Transmission Facility ID</u>	<u>0 Oswego Cmplx I/S</u>	<u>1 Oswego Cmplx I/S</u>	<u>2 Oswego Cmplx I/S</u>	<u>3 Oswego Cmplx I/S</u>	<u>4 Oswego Cmplx I/S</u>	<u>5 Oswego Cmplx I/S</u>
351 & 352	305	305	305	305	305	305
351 & 352 & 14	570	570	570	570	570	570
351 & 352 & 18	580	580	580	580	580	580
351 & 352 & 371	290	290	290	290	290	290
361 & 362	100	100	100	100	100	100
361 & 362 & 55	825	825	825	825	825	825

Central-East Voltage Collapse Transfer Limits

Component Values

Limit Derates for Capacitors, SVCs, STATCOM (out-of-service)

<u>Reactive Device Name</u>	<u>PTID</u>	<u>Derate MWs</u>
EDIC_PTR_345KV_CAP_CAP_1	31400	80
FRASER__345KV_CAP_CAP_1	31336	25
FRASER__345KV_CAP_CAP_2	31345	25
GILBOA__345KV_CAP_CAP_1	31337	30
LEEDS__345KV_CAP_CAP_1	31338	40
LEEDS__345KV_CAP_CAP_2	31346	40
MARCY__345KV_CAP_CAP_1	31339	75
MARCY__345KV_CAP_CAP_2	31353	75
N.SCTLND_345KV_CAP_CAP_1	31349	40
N.SCTLND_345KV_CAP_CAP_2	31342	40
N.SCTLND_345KV_CAP_CAP_3	31350	40
OAKDALE__345KV_CAP_CAP_1	31394	35
ROTTDAM_230KV_CAP_CAP_4	31366	30
MARCY__345_STATCOM SVC	31395	75
FRASER__345_FRASER SVC	31328	70
LEEDS__345_LEEDS SVC	31327	50

*Limit Derates for Marcy-South Series Capacitors
(bypass breaker open)*

<u>Bypass Breaker Name</u>	<u>PTID</u>	<u>Derate MWs</u>
FRASER__345KV_3322_____CB	315800	10
FRASER__345KV_3722_____CB	315804	145
FRASER__345KV_3822_____CB	315808	60