

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	81	0	-1200	-330	-685	-105	110	-2848
PJM	719		0	0	0	0	0	685	105	2386	3895
IESO	0	0		0	0	0	0	0	0	0	0
ISONE	-81	0	0		0	-1732	330	0	0	0	-1483
NB/NS	0	0	0	0		200	0	0	0	0	200
Trans Énergie	1200	0	0	1732	-200		0	0	0	45	2777

APPENDIX A	
SUMMARY OF SUMMER 2009 BASE TRANSFERS	
NEW BRUNSWICK/NOVA SCOTIA	
New Brunswick to TransÉnergie: Madawaska and Eel River HVdc	200
New Brunswick to New England	0
Total Export (+) / Import (-)	200

NEW ENGLAND	
New England to New Brunswick	0
New England to TransÉnergie: Sandy Pond HVdc	-1500
New England to TransÉnergie: Vermont	-232
New England to New York	-81
New England to NY: Cross-Sound	330
Total Export (+) / Import (-)	-1483

NEW YORK ISO	
New York to TransÉnergie	-1200
New York to New England	81
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	-105
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 (-)	-2848

IESO (Ontario)	
IESO to TransÉnergie	0
IESO to New York	0
IESO to PJM	0
IESO to MISO	0

Total Export (+) / Import (-)	0
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APPENDIX A	
SUMMARY OF SUMMER 2009 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	105
Miscellaneous Transfers to Other Areas	2386
Total Export (+) / Import (-)	3895

TRANSÉNERGIE	
TransÉnergie to New Brunswick: Madawaska and Eel River HVdc	-200
TransÉnergie to New England: Sandy Pond HVdc	1500
TransÉnergie to New England: Vermont	232
TransÉnergie to New York	1200
TransÉnergie to IESO (Ontario)	0
TransÉnergie to Cornwall	45
Total Export (+) / Import (-)	2777

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APPENDIX B

SUMMER 2009 BASE CASE CONDITIONS

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Summer 2009 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	180 MW	In Service
Dunkirk	500 MW	In Service
Niagara	3095 MW	In Service
AES/Somerset	497 MW	In Service
GINNA	598 MW	In Service
Sithe/Independence	750 MW	In Service
Oswego #5	691 MW	In Service
Oswego #6	0 MW	Out of Service
Nine Mile Pt #1	646 MW	In Service
Nine Mile Pt #2	1204 MW	In Service
J.A. Fitzpatrick	882 MW	In Service
Maple Ridge Wind Farm	32 MW	In Service
St. Lawrence/FDR (17-32)	866 MW	In Service
Athens	885 MW	In Service
Bethlehem Energy Center	718 MW	In Service
Gilboa	522 MW	In Service
Roseton 1	564 MW	In Service
Roseton 2	565 MW	In Service
Indian Pt #2	1026 MW	In Service
Indian Pt #3	1031 MW	In Service
Bowline Pt 1	585 MW	In Service
Bowline Pt 2	585 MW	In Service
Poletti	657 MW	In Service
NYP&A Astoria Combined-Cycle	492 MW	In Service
Ravenswood #3	846 MW	In Service
ECP/Linden Cogen	480 MW	In Service
Arthur Kill #3	304 MW	In Service
Northport 1	345 MW	In Service
Northport 2	345 MW	In Service
Northport 3	0 MW	Out of Service
Northport 4	345 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	159/168 MW	In Service
Seabrook	1318 MW	In Service

Ontario

Darlington (4/4 Units)	3561 MW	In Service
Beck 1 & 2	81/1219 MW	In Service
Bruce A (3/4 Units)	1583 MW	In Service
Bruce B (4/4 Units)	3285 MW	In Service
Lambton (4/4 Units)	1894 MW	In Service
Pickering (A & B, 5/8 Units)	523/2093 MW	In Service
Nanticoke (8/8 Units)	3874 MW	In Service
St. Lawrence/Saunders (1-16)	886 MW	In Service

PJM

Peach Bottom #2	1061 MW	In Service
Peach Bottom #3	1128 MW	In Service
Salem #1	1174 MW	In Service
Salem #2	1150 MW	In Service
Limerick #1	1134 MW	In Service
Limerick #2	1134 MW	In Service
Hope Creek	1266 MW	In Service
Susquehanna #1	1250 MW	In Service
Susquehanna #2	1140 MW	In Service

TransÉnergie HVdc CONVERTER SCHEDULES

Chateaugay HVdc	725 MW	In Service
Sandy Pond HVdc	1500 MW	In Service
Highgate HVdc	200 MW	In Service
Madawaska HVdc	0 MW	Out of Service
Eel River HVdc	-200 MW	In Service

AREA LOADS & LOSSES

NYISO	33659 MW
ISO-NE	30771 MW
IESO (Ontario)	28841 MW
PJM	61648 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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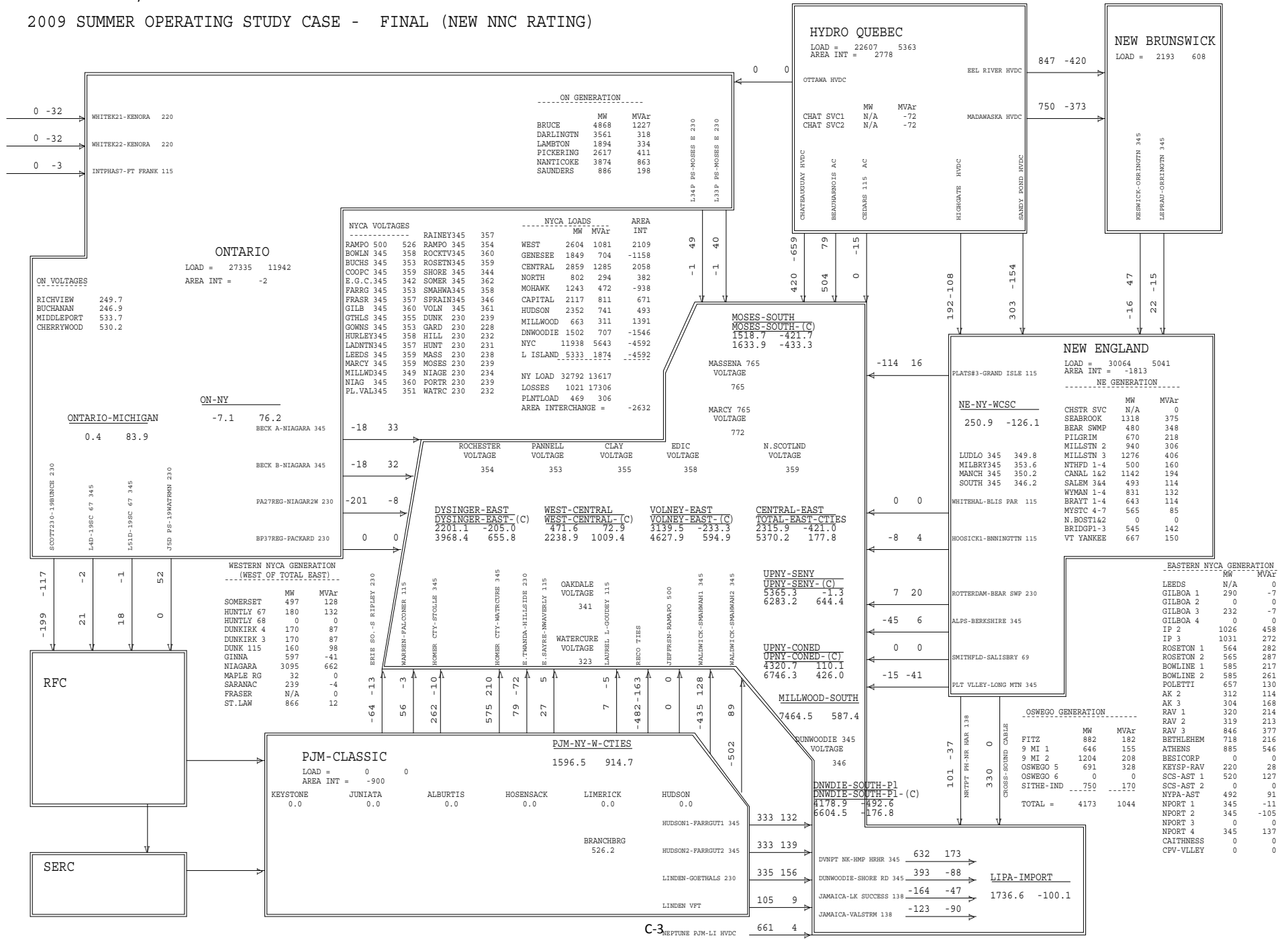
INDEX

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 SUMMER OPERATING STUDY CASE - FINAL (NEW NNC RATING)



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	439	505	560	25082
ADIRNDCK-EDIC_PTR_230_12-AP	12	230	478	478	637	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	258	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	181	206	26015
ANDOVER_-PALMITER_115_157(932)	157	115	78	85	98	25094
ANDOVER_-PALMITER_115_157(932)	932	115	112	131	143	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	1725	25054
ATHENS__-PLSNTVLY_345_91	91	345	1331	1538	1724	25054
BARRETT_-FREEPORT_138_459	459	138	205	278	313	26425
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	186	214	237	26121
BATTHILL-PYRITES__115_7-BHP	7	115	76	87	94	26065
BEAR SWP-ROTTRDAM_230_E205W	E205W	230	435	435	453	25030
BEAR SWP-ROTTRDAM_230_E205W	E-205-W	230	440	505	560	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	1322	1714	25040
BECK____-NIAGARA_345_PA301	PA301	345	1070	1430	1884	25040

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
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
BECK___-PACKARD_230_BP76	BP76	230	478	478	569	25024
BENETT NM-DUNKIRK_115_142-3	142	115	88	101	108	26019
BENNETT_-BATH___115_953	953	115	124	139	159	26164
BERKSHIR-ALPS___345_393	393	345	1434	1649	1936	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-PLSNTVLY_115_8-BP	8-BP	115	116	120	145	25498
BLUE_CIR-PLSTVYCH_115_8-BP	8	115	116	120	145	25498
BNNINGTN-HOOSICK___115_K6	K6	115	150	217	248	25029
BNNINGTN-HOOSICK___115_K6	6	115	199	245	280	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_-WHA VSTRW_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
BRND SVLE-KENTS_FL_115_1_911	911	115	112	131	143	26205
BROOK_E_-SPIERFLS_115_1	1	115	116	120	145	25874
BROOK_W_-SPIERFLS_115_2	2	115	116	120	145	25873
BROOKHVN-HOLT SVLE_138_874	874	138	473	520	623	25339
BROOKHVN-RIVRHEAD_138_864	864	138	257	297	332	25553
BROOKHVN-SILLSRD___138_874	874	138	473	520	623	325617
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	2401	25133
BUCHAN_S-MILLWOOD_345_W97	W98	345	1493	1680	1902	25146
BUCHAN_S-MILLWOOD_345_W98	W97	345	1493	1680	1902	25247
BUCHANAN-MILLWOOD_138_96951	96952	138	275	302	384	25283

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
BUCHANAN-MILLWOOD_138_96952	96951	138	275	302	384	25284
BULYMO__-BOONVILLE_115_6	6	115	105	114	134	325265
BURD_STE-VORHVSLE_115_19-BV	19-BV	115	105	114	134	26152
BURNS___138_69__BK 519	BK 519	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	491	69	120	138	145	26252
BURNS___-TALLMAN__69_591	591	69	50	104	110	26253
BURNS___-WHAVSTOR_138_541	541	138	236	270	285	25879
BURNS___-WHAVSTRW_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	448	496	566	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
CEDARS___-ROSEMNTA_115_1-CR	1	115	184	184	184	26083
CEDARS___-ROSEMNTB_115_2-CR	2	115	184	184	184	26082
CEMENT___-SAUGRTES_69__H-2	H	69	62	75	82	26214
CHADWICK-E.WALDEN_115_DW-3	DW-2	115	176	211	240	26218
CHADWICK-WBALMVLE_115_DW-2	DW-3	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-BP	115	119	166	206	26685
CHRCHTWN-BLUE_S_A_115_13-BC	13	115	160	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	1810	1989	2390	25200
CLAY___-EDIC_PTR_345_1-16	CE 1-16	345	1301	1501	1685	25200
CLAY___-EDIC_PTR_345_2-15	CE 2-15	345	1810	1989	2390	25169
CLAY___-EDIC_PTR_345_2-15	CE 2-15	345	1301	1501	1685	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

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
CLINTON_-IMC_TAP__115_15-Cl	15-TAP	115	116	120	145	26128
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_-BLACKRVR_115_3-CBR	3	115	106	114	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	212	267	281	25887
COOPERNY-ROCKHILL_115_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_-FERNDAL_115_950	950	115	176	179	179	26171
COOPERS_-MIDDLETP_345_CMT-34	CRT-34	345	1704	1852	2362	25110
COOPERS_-MIDDLETP_345_CMT-34	CMT-34	345	1464	1793	1793	25110
COOPERS_-MIDDLETP_345_CMT-34	CRT-34	345	1836	2125	2470	25110
COOPERS_-ROCKTVRN_345_CRT-42	CRT-42	345	1704	1852	2362	25111
COOPERS_-ROCKTVRN_345_CRT-42	CRT-42	345	1554	1733	1793	25111
COOPERS_-ROCKTVRN_345_CRT-42	CRT-42	345	1836	2125	2470	25111
CORONA__-JAMAICA__138_18001	18001	138	161	245	393	25285
CORONA__-JAMAICA__138_18002	18002	138	161	245	393	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	1(947)	115	119	147	159	25059
CORTLAND-TULLERHL_115_947-1	947	115	108	128	143	25059
CURRY_RD-WOLF_RD__115_8	8	115	116	120	145	26254
DANSKAMR-NCHELSEA_115_AC	AC	115	192	211	240	25829
DANSKAMR-NCHELSEA_115_DC	DC	115	177	198	315	25830
DANSKAMR-RYNDS_HL_115_DR	DR	115	212	250	278	25831
DANSKAMR-WBALMVLE_115_DB	DB	115	186	214	237	26221
DAVIS_RD-STOLLERD_115_927	927	115	203	226	239	26172
DEFERIET-TAYLORVL_115_2-DT	2-DT	115	102	114	134	26090
DELHI___-DELHI_TP_115_951-1	951-1	115	164	164	164	26174
DELHI___-VINGR_TP_115_917_916	917	115	120	120	120	25911
DELHI_TP-COLLIERS_115_951-2	951-2	115	239	239	239	26203
DENNISON-NORFOLK__115_4-DA	4	115	182	197	248	25225
DENNISON-ROSEMNTA_115_1-RD	1	115	176	203	223	25523
DENNISON-ROSEMNTB_115_2-RD	2	115	176	203	223	25524
DENNISON-SANDSTON_115_5-DS	5	115	182	197	248	25226
DEPEW_TP-DEPEW___115_BK 1	921	115	108	120	120	25428

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
DEPEW_TP-ERIE_ST__115_921	54	115	129	181	206	26010
DEPEW_TP-ERIE_ST__115_921	921	115	540	645	730	26010
DEWITT__345_115_BK 2	2	345	517	658	796	25418
DEWITT__-TEALLAVE_115_4-DT	4	115	116	120	145	26094
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	176	197	239	26025
DUNKIRK_-BRIGHAM__115_161-1	161	115	168	181	206	26021
DUNKIRK_-LUDLUM_A_115_162-1	162	115	158	171	199	26027
DUNWODIE_345_138_BK N1_W74	W74	345	311	387	424	25209
DUNWODIE_345_138_BK S1_W73	W73	345	311	387	424	25208
DUNWODIE-DUNWODIE_138_99997 TIE	99997	138	226	317	342	25532
DUNWODIE-E179THST_138_99153	99153	138	223	314	396	25287
DUNWODIE-MOTTHAVN_345_71	71	345	704	765	1077	25151
DUNWODIE-MOTTHAVN_345_72	72	345	704	765	1077	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	599	877	1416	25091
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	483	531	636	25014
E.TWANDA-HILLSIDE_230_70	70	230	488	554	554	25014
E.WALDEN-COLDENHM_115_CW	CW	115	232	257	304	26225
E.WALDEN-MODENA__115_EM	EM	115	232	257	304	25832
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	726	882	1258	25190
E13THSTA-FARRAGUT_345_46	46	345	726	882	1258	25251
E13THSTA-FARRAGUT_345_47	B47	345	419	683	1124	25177
E13THSTA-FARRAGUT_345_48	48	345	419	683	1124	25252
E179THST-HELLGATE_138_15053	15053	138	161	245	393	25289
E179THST-HELLGATE_138_15054	15054	138	161	245	393	25290
E179THST-HELLTP_W_138_15055	15055	138	222	328	480	25288
E179THST-PARKCHTR_138_38X01	38X01	138	108	151	189	25327
E179THST-PARKCHTR_138_38X02	38X02	138	108	151	189	25328
E179THST-PARKCHTR_138_38X03	38X04	138	108	151	189	25329
E179THST-PARKCHTR_138_38X04	38X03	138	108	151	189	25330
EAST WALDEN - ROCK TAVERN	J	115	232	265	311	69037

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
EAST WALDEN - ROCK TAVERN	D	115	232	265	311	69038
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	3236	25143
EASTVIEW-SPRNBRK__345_W65	W65	345	1720	2214	2657	25144
EASTVIEW-SPRNBRK__345_W78	W78	345	2293	2708	3236	25346
EASTVIEW-SPRNBRK__345_W79	W79	345	1720	2214	2657	25153
EDIC/PTR-FRASER__345_EF24-40	EF24-40	345	1380	1380	1380	25112
EDIC/PTR-FRASER__345_EF24-40	EF24-40	345	1836	2125	2470	25112
EDIC/PTR-N.SCTLND_345_14-EN	14	345	1331	1538	1724	25170
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-FRASER__345_EF24-40	EF24-40	345	1810	1989	2390	25112
EDIC_PTR-WATKINRD_115_5-PW	2	115	116	120	145	25232
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	3105	25367
EFISHKIL-WOOD_ST__345_F39	F39	345	1839	2606	3400	25368
EGRDNCTY_345_138_BK 1	BK#1	345	444	556	761	25551
EGRDNCTY_345_138_BK 2	BK#2	345	444	556	761	25552
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_462	462	138	230	312	396	25303
EGRDNCTY-NEWBRDGE_138_463	463	138	230	338	481	25304
EGRDNCTY-NEWBRDGE_138_463	463	138	230	338	481	25304
EGRDNCTY-NEWBRDGE_138_465	465	138	248	358	488	25535
EGRDNCTY-NEWBRDGE_138_465	465	138	248	358	488	25535
EGRDNCTY-ROSLYN__138_362	362	138	257	297	332	25534
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	160	25109
ELBRIDGE-LAFAYTTE_345_17-LE	17	345	940	1562	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

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
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
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
ETNA____-LAPEER____115_947-3	1(947)	115	119	147	159	26179
ETNA____-TULLERHL_115_947-2	947	115	119	147	159	26192
ETNA____-TULLERHL_115_947-2	947	115	108	128	143	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_-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-GOWANN41_345_41	41	345	618	807	1183	25141
FARRAGUT-GOWANS42_345_42	42	345	618	807	1183	25140
FARRAGUT-HUDS_AVE_138_32077	32077	138	110	155	195	25291
FARRAGUT-HUDS_AVE_138_32078	32078	138	110	155	195	25292
FARRAGUT-HUDS_AVE_138_32711	32711	138	110	155	195	25293
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	254	292	333	25862
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	169	271	452	25771
FOXHILLS-WILLWBRK_138_29212-1	29212-2	138	169	271	452	25772
FRASER____345/115_BK 2	BK#2	345	305	386	420	25391
FRASER____-COOPERS____345_33	33	345	1207	1404	1703	25236
FRASER____-COOPERS____345_33	FCC-33	345	1836	2125	2470	25236
FRASER____-GILBOA____345_GF5-35	35	345	1494	1524	1524	25060
FRASER____-GILBOA____345_GF5-35	GF-5	345	1428	1605	1868	25060
FRASERNY-DELHI_TP_115_951-3	951-3	115	239	239	239	26202
FREEPOR-NEWBRDGE_138_461	461	138	178	273	405	25155

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
FREEMPORT-NEWBRIDGE_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	440	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	120	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	116	120	145	26040
GARDNVLB-BETHWEST_115_149	149	115	278	318	318	325317
GARDNVLB-BETHWEST_115_150	150	115	278	318	318	325318
GARDNVLB-COBBLENM_115_152-1	152	115	116	120	145	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	T8-12	230	688	975	1274	25089
GARDNVLB-GARDNVLA_230_T8-12	T8	230	663	739	773	25089
GARDNVLB-ST_139_A_115_141-1	141	115	88	101	108	26038
GARDNVLB-ST_139_B_115_142-1	142	115	88	101	108	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
GILBOA__-LEEDS___345_GL3	GL-3	345	1810	1989	2390	25219
GILBOA__-LEEDS___345_GL3	GL-3	345	1428	1605	2002	25219
GILBOA__-N.SCTLND_345_GNS1	GNS-1	345	1810	1989	2384	25052
GILBOA__-N.SCTLND_345_GNS1	GNS-1	345	1428	1605	1868	25052
GINNA__-PANNELL_115_912	912	115	207	247	285	25260
GINNA__-S42_____115_913	913	115	213	233	237	26281
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__-CARLPLCE_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	1283	25138
GOETHSLN_345/230_BK 1	BKA2253	345	528	727	817	25642
GOETHSLN-FRESHKLS_345_22	22	345	982	1391	1624	25137
GOLAH__-MORTIMER_115_110	110	115	130	136	159	26034

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
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-GOETHSLN_345_25	25	345	460	683	1022	25139
GOWANUSN-GREENWD__138_42231	42232	138	226	301	409	25214
GOWANUSS_138A_138B_PAR R14	R14	138	238	276	328	25794
GOWANUSS_345_138_BK T14	T14	138	238	276	328	25475
GOWANUSS-GOETHLSS_345_26	26	345	460	683	1022	25571
GOWANUSS-GREENWD__138_42232	42231	138	226	301	409	25215
GREENBSH-CHRCHTWN_115_14-GC	14	115	129	166	199	26126
GREENBSH-FT._ORAN_115_15	15	115	129	159	159	26130
GREENBSH-STEPHTWN_115-993	993	115	79	79	79	26447
GREENBSH-STEPHTWN_115-993	993	115	35	43	57	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-ELWOOD__138_673	673	138	394	466	568	25546
GREENLWN-SYOSSET__138_676	676	138	269	358	541	25548
GREENWD_-FOXHILLS_138_29231	29231	138	154	239	387	25321
GREENWD_-FOXHILLS_138_29232	29232	138	154	239	387	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
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
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
HELLGATE-ASTORIAE_138_34051	34051	138	161	245	393	25323
HELLGATE-ASTORIAE_138_34052	34052	138	161	245	393	25324
HELLGATE-ASTORIAW_138_24051	24051	138	177	249	480	25210
HELLGATE-ASTORIAW_138_24052	24052	138	177	249	480	25211
HELLGATE-ASTORIAW_138_24053	24053	138	140	186	186	25212
HELLGATE-ASTORIAW_138_24054	24054	138	140	186	186	25213

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
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	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	504	584	657	25181
HINMAN__HARSNRAD_115_908	908	115	238	287	306	26161
HISHELDN-WETHSRFD_230_81	81	230	420	484	540	325622
HOLBROOK-BROOKHVN_138_887	887	138	390	435	498	25340
HOLBROOK-HOLTSVLE_138_888	888	138	731	809	935	25542
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	1670	1931	2210	25036
HOMER C_-STOLLERD_345_37	37	345	605	757	840	25036
HOMER C_-STOLLERD_345_37	37	345	1219	1386	1386	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
HUDS_AVE-JAMAICA_138_701	701	138	129	213	366	25294
HUDS_AVE-JAMAICA_138_702	702	138	129	213	366	25295
HUDSON__-PLSNTVLY_115_12-HP	12-HP	115	119	129	158	25499
HUDSON__-PLSNTVLY_115_12-HP	12	115	124	138	158	25499
HUDSONP_-FARRAGUT_345_B3402	B3402	345	519	699	930	25020
HUDSONP_-FARRAGUT_345_B3402	B3402	345	560	795	795	25020
HUDSONP_-FARRAGUT_345_C3403	C3403	345	497	705	930	25038
HUDSONP_-FARRAGUT_345_C3403	C3403	345	536	761	761	25038
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	145	151	185	26046
HUNTLEY_-ST_60_37_115_37-1	37	115	145	151	185	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_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-OHIOVLL_115_OR	OR-1	115	129	183	211	25834
HURLYAVE-ROSETON__345_303	303	345	1395	1623	1870	25218

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
HYATT___115/34__BK 1	1	115	54	67	100	70329
HYATT___-BORDRCTY_115_979	15	115	129	148	160	25106
HYATT___-BORDRCTY_115_979	979	115	150	179	179	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
InfCode						
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	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
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	442	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
JENNISON-KATTLVLE_115_943	943	115	110	139	159	25898
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_31231-2	31231-2	138	154	239	387	25298
KENTAVE_-GREENWD___138_31232-2	31232-2	138	154	239	387	25299
KENTS_FL-MASONCR___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	2401	25185
LADENTWN-WHAVSTRW_345_67-2	67	345	1720	2214	2657	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	1255	1380	1380	25049
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
LEEDS___-HURLYAVE_345_301	301	345	1395	1623	1870	25055
LEEDS___-HURLYAVE_345_301	301	345	1529	1766	1912	25055

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
LEEDS___-PLSNTVLY_345_92	92	345	1331	1538	1725	25056
LEEDS___-PLSNTVLY_345_92	92	345	1331	1538	1724	25056
LIGHTHSE-CLAY___115_7-CL	7	115	116	120	145	25521
LINCNPBK-EKINGSTN_115_LR-1	LR-1	115	193	213	240	26223
LINDENP_-GOETHSLN_230_A2253	A2253	230	511	708	736	25017
LINDENP_-GOETHSLN_230_A2253	A2253	230	653	752	752	25017
LOCKPORT-HINMAN___115_100	100	115	220	252	280	25087
LOCKPORT-HINMAN___115_100	100	115	238	288	329	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	1135	1317	1601	25033
LONG_MTN-PLSNTVLY_345_398	398	345	1297	1500	1772	25033
ONGLANE-BLUE_CIR_115_6-B5	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
LU DLUM_A-FALCONER_115_162-2	162	115	88	101	108	26031
LU DLUM_B-FALCONER_115_161-3	161	115	88	101	108	26030
MALONE___-NICHVLVE_115_3-NM	3	115	129	182	199	25585
MALONE___-WILLIS___115_1-MW	1(910)	115	129	182	199	25586
MALONE___-WILLIS___115_1-MW	910	115	135	159	175	25586
MALONE___-WILLIS___115_1-MW	WM-1	115	239	239	318	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	41	345	1345	1345	1345	25113
MARCY___-COOPERS_345_UC2-41	UCC2-41	345	1345	1345	1793	25113
MARCY___-EDIC_PTR_345_UE1-7	UE1-7	345	1792	1792	1792	25229
MARCY___-EDIC_PTR_345_UE1-7	UE1-7	345	1677	1953	2322	25229
MARCY___-N.SCTLND_345_18	18	345	1670	1792	1792	25276
MARCY___-N.SCTLND_345_18	18	345	1488	1650	1971	25276
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_-MARCYS___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	76	87	94	26108
MECO___-CHURCH_S_115_10-AM	10	115	116	120	145	26120

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
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	488	542	623	325604
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
MILAN___-PLSTVYCH_115_10	10	115	124	138	158	26433
MILAN___-PLSTVYCH_115_10	10	115	160	166	206	26433
MILAN___-RHINEBCK_115_MR	MR	115	175	193	220	26242
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	3236	25147
MILLWOOD-EASTVIEW_345_W85	W85	345	2293	2708	3236	25258
MILLWOOD-EASTVIEW_345_W99	W99	345	2293	2708	3236	25255
MILTON_C-GRS_LOCK_115_18-MG	18	115	129	148	160	26104
MNTNDALE-WWDBURNY_115_957		115	108	120	120	325616
MODENA___115/69__TR 1	BK TR	115	33	41	53	26325
MODENA___-OHIOVLE_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	118	135	142	26269
MONROE___-SUGRLOAF_69__313	313	69	118	135	142	26270
MONSEY___-BURNS___138_601	601	138	425	451	475	325608
MONTRFL_-CODNIGTN_115_982	982	115	108	128	144	25728
MONTRFL_-RIDGE_RD_115_978-2	978	115	108	128	145	26197
MONTVALE-GRANDAV__69__656	652	69	84	95	98	26271
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	24	115	129	148	160	25096
MORTIMER-PITSFRDB_115_24-1	NMP #24	115	207	240	240	25096
MORTIMER-PITSFRDC_115_25-1	25	115	125	143	154	25095
MORTIMER-PITSFRDC_115_25-1	NMP#25	115	114	123	142	25095
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___-ADIRNDCK_230_MA1	MA-1	230	348	359	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

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
MOSES___-MASSENA__230_MMS1	MMS1	230	936	1151	1348	25274
MOSES___-MASSENA__230_MMS2	MMS2	230	936	1151	1348	25275
MOSES___-WILLIS__230_MW1	MW-1	230	349	386	440	25188
MOSES___-WILLIS__230_MW2	MW-2	230	349	386	440	25271
MOSHIER_-TAYLORVL_115_7-MT	7	115	49	49	49	26109
MOTTHAVN-RAINEY__345_Q11	Q11	345	704	765	1077	325430
MOTTHAVN-RAINEY__345_Q12	Q12	345	704	765	1077	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	168	181	199	26054
MULTP-3_-N.TROY__115_3	3	115	105	114	119	26475
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___-ASHLEYRD_115_702	702	115	287	333	388	25846
N.END___-PLATSBRG_115_701	701	115	287	333	388	25848
N.END___-PLATSBRG_115_701	701	115	239	239	239	25848
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-ROTRDAM_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__-WYNTKLNLM_115_14-NW	14	115	129	182	237	26137
NBRDWYNM-ERIE_ST__115_922	922	115	160	166	206	26011
NBRDWYNM-ERIE_ST__115_922	922	115	124	139	159	26011
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
NCHELSEA_115/69__BK TR1	BK TR1	115	33	41	53	25836
NCHELSEA-FISHKPLN_115_NF	NF	115	217	250	278	26228
NCHELSEA-FORGEBRK_115_FO	FO	115	176	211	240	26230
NCHELSEA-KNAPPCRN_69__TY	TY	69	41	44	51	26220
NEPTUNE_-DUFFYAVE_345_NEPTUNE	NEPTUNE	345	660	785	785	325304
NEWBRDGE-EGRDNCTY_138_467	467	138	282	422	474	325378
NEWBRDGE-PILGRIM__138_563	563	138	377	546	657	25536

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
NEWBRDGE-PILGRIM__138_563	563	138	377	546	657	25536
NEWBRDGE-RULAND__138_561	561	138	257	297	332	25305
NEWBRDGE-RULAND__138_561	561	138	257	297	332	25305
NEWBRDGE-RULAND__138_562	562	138	257	297	332	25306
NEWBRDGE-RULAND__138_562	562	138	257	297	332	25306
NEWBRDGE-RULAND__138_567	567	138	279	422	473	325379
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 4	N-AT4	345	767	943	1104	25449
NIAGARA__345/230_BK 5	N-AT3	345	384	479	575	25450
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	101	115	233	253	318	25267
NIAGARA_-LOCKPORT_115_101	LK-101	115	248	275	328	25267
NIAGARA_-MOUNTAIN_115_120	120	115	176	211	258	25135
NIAGARA_-MOUNTAIN_115_120	MT-120	115	248	275	328	25135
NIAGARA_-PACKARD__115_191	191	115	275	303	354	25075
NIAGARA_-PACKARD__115_191	PK-191	115	248	275	328	25075
NIAGARA_-PACKARD__115_192	192	115	275	303	354	25099
NIAGARA_-PACKARD__115_192	PK-192	115	248	275	328	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	193	115	275	303	354	25101
NIAGARA_-PACKARD__115_194	PK-193	115	248	275	328	25101
NIAGARA_-PACKARD__115_195	195	115	275	299	354	25102
NIAGARA_-PACKARD__115_195	PK-195	115	248	275	328	25102
NIAGARA_-PACKARD__230_61	PK-61	230	626	727	846	25186
NIAGARA_-PACKARD__230_61	PK-61	230	620	717	841	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	102	115	233	253	318	25103
NIAGARA_-SANDBORN_115_102-2	LK-102	115	248	275	328	25103
NIAGBLVD-NBRDWYNM_115_181-2	181	115	160	166	206	26057
NICHLVLE-PARISHVL_115_3-PN	3	115	125	143	154	26110
NINEMILE-CLAY__345_8-NC	8	345	1032	1271	1685	25167
NINEMILE-FTZPK_NM_115_4-NF	4	115	129	159	159	25500
NINEMILE-SCRIBA__345_9-NS	9	345	1032	1284	1562	25359
NOR HBR_-NRTHPORT_138_1385	1385A+B	138	286	318	428	25035

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
NRTH1385-NOR HBR__138_601	601	138	155	210	430	325597
NRTH1385-NOR HBR__138_601	601	138	155	192	430	325597
NRTH1385-NOR HBR__138_602	602	138	155	210	430	325598
NRTH1385-NOR HBR__138_602	602	138	155	192	430	325598
NRTH1385-NOR HBR__138_603	603	138	155	210	430	325599
NRTH1385-NOR HBR__138_603	603	138	155	192	430	325599
NRTH1385-NRTHPORT_138_1385	1385	138	301	344	452	25035
NRTHPORT_138_138_PS2	BUS/PS2	138	406	505	570	25599
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	428	556	600	25401
OAKDALE__345/115_BK 3	BK#3	345	428	556	600	25399
OAKDALE_-ENDICOTT_115_938	938	115	161	177	225	26198
OAKDALE_-FRASER__345_32	32	345	1255	1380	1380	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	129	176	224	26247
ONEIDA__-WALESVIL_115_7	7	115	116	120	145	26115
ONEIDA__-YAHNUNDA_115_6	3	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	181	115	160	166	206	26055
PACKARD_-NIAGBLVD_115_181-1	922	115	124	139	159	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
PALMITER-BENNETT__115_932	157	115	78	85	98	26165
PANNELL__345/115_BK 1	122 2TR	345	235	280	290	25396

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
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	1032	1284	1434	25050
PANNELL_-CLAY____345_PC2	2	345	1195	1315	1673	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	220	252	280	25080
PANNELL_-FARMGTN__115_4-FP	4	115	207	247	285	25080
PANNELL_-PITSFRDB_115_25	25	115	125	143	154	26285
PANNELL_-PITSFRDB_115_25	NMP#25	115	114	123	142	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	116	120	145	26493
PAWLING_-CROTONFL_115_994	994	115	176	179	179	25902
PEARLRVR_69_34__BK 431	BK 431	69	29	33	40	26695
PEARLRVR-MONTVALE_69__491	49	69	116	135	142	26273
PETERBOR_ONEIDA__115_5	5	115	116	120	145	25896
PILGRIM_-HAUPPAUG_138_871	871	138	305	367	420	25550
PILGRIM_-HOLTSVLE_138_881	881	138	487	543	623	25537
PITSFRDB-QUAKERRD_115_23-1	23	115	145	151	185	26288
PITSFRDB-QUAKERRD_115_23-1	NMP #23	115	180	180	180	26288
PITSFRDB-STA_82__115_23-2	23	115	145	151	185	26287
PITSFRDB-STA_82__115_23-2	NMP #23	115	175	211	237	26287
PLATSBG2-SARANAC__115_PS1	PS-1/B	115	96	123	150	25078
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	2265	25182
PLSNTVLE-DUNWODIE_345_W90	W90	345	1720	1976	2265	25250
PLSNTVLY-EFISHKIL_345_F36	F36	345	1720	2214	2657	25256
PLSNTVLY-EFISHKIL_345_F37	F37	345	1720	2214	2657	25257
PLSNTVLY-FISHKPLN_115_C_A	C	115	143	164	178	26210
PLSNTVLY-MANCHSTR_115_M	M	115	203	226	260	26208
PLSNTVLY-SMITHFLD_69__E	E	69	53	61	65	25629
PLSNTVLY-WOOD_ST__345_F30	F30	345	1720	2214	2657	25237
PLSNTVLY-WOOD_ST__345_F31	F31	345	1720	2214	2657	25238
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
POLETTI_-E13THSTA_345_Q35L	Q35L	345	538	621	1476	25134
POLETTI_-E13THSTA_345_Q35M	Q35M	345	538	621	1476	25142

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
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)	13	115	154	169	188	25079
QUAKERRD-SLEIGHT__115_980(13)	980	115	150	180	201	25079
QUAKERRD-SLEIGHT__115_980(13)	NMP #13	115	195	225	240	25079
QUAKERRD-STA_204__115_908	908	115	227	251	285	26286
QUENBRDG-VERNON__138_31281	31282	138	308	478	602	25159
QUENBRDG-VERNON__138_31282	31281	138	312	542	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	1081	25152
RAINEY_-FARRAGUT_345_62	62	345	694	791	1097	25253
RAINEY_-FARRAGUT_345_63	61	345	661	758	1081	25254
RAINEY_-VERNON__138_36311	36311	138	271	317	359	25296
RAINEY_-VERNON__138_36312	36312	138	240	281	313	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	BK4500	345	545	741	999	25370
RAMAPO__345_345_PAR4500	BK3500	345	545	741	999	25371
RAMAPO__500/345_BK 1500	1500	345	995	1304	1752	25656
RAMAPO_-BUCHAN_N_345_Y94	Y94	345	1703	1890	2401	25184
RAMAPO_-LADENTWN_345_W72	W72	345	1720	1890	2401	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	1242	1386	1589	25587
REYNOLDS-GREENBSH_115_9-RG	9	115	234	255	315	26129
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	118	135	142	26696
RIVERSDE-REYNOLDS_115_4-RRT	4	115	220	239	239	26144
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-MNTNDALE_115_957		115	108	120	120	325615

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
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	2401	25183
ROCKTVRN-RAMAPO__345_77	77	345	1811	1990	2283	25183
ROCKTVRN-SUGRLOAF_115_SL	SL	115	176	204	218	25420
ROCKTVRN-SUGRLOAF_115_SL	SL	115	159	183	195	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	305	345	1936	2677	3137	25108
ROSETON_-EFISHKIL_345_305	305	345	1935	2742	3137	25108
ROSETON_-EFISHKIL_345_305	RFK-305	345	2385	2677	3363	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
ROTTRDAM-BURD_STW_115_17-RB	17	115	116	120	145	25129
ROTTRDAM-CURRY_RD_115_11	11	115	116	120	145	25869
ROTTRDAM-FRONT_ST_115_16	16	115	220	252	280	26147
ROTTRDAM-SWAGTN_E_115_1	1	115	223	223	223	26430
ROTTRDAM-SWAGTN_W_115_2	2	115	223	223	223	26429
ROTTRDAM-WOODLAWN_115_35	12	115	116	120	145	25865
RULAND_-HOLBROOK_138_882	882	138	489	552	664	25538
RULAND_-HOLBROOK_138_882	882	138	489	552	664	25538
RULAND_-PILGRIM_138_661	661	138	487	543	555	25310
RULAND_-PILGRIM_138_661	661	138	487	543	555	25310
RULAND_-PILGRIM_138_662	662	138	555	555	555	25311
RULAND_-PILGRIM_138_662	662	138	555	555	555	25311
RYAN___-PLATSBRG_230_RYP-2	WP-2	230	174	194	220	25273
RYNDS_HL-INWOOD__115_55	55	115	193	213	239	26248
S HERO_-PLATSBRG_115_PV20	PV-20	115	210	245	258	25027
S HERO_-PLATSBRG_115_PV20	PV-20/A	115	228	264	302	25027
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	1	115	116	120	145	25501
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
SANDSTON-COLTON__115_5-SC	5	115	182	197	248	26085
SAWYER_-HUNTLEY_230_77	77	230	566	654	755	325043
SAWYER_-HUNTLEY_230_78	78	230	566	654	755	325044

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
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
SCRIBA__-FITZPTRK_345_FS-10	FS-10	345	1882	2276	2390	25076
SCRIBA__-FITZPTRK_345_FS-10	FS-10	345	1434	1434	1912	25076
SCRIBA__-VOLNEY___345_20-SV	20	345	1200	1396	1686	25204
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	15032	138	161	245	393	25156
SHERMCRK-E179THST_138_15032	15031	138	161	245	393	25157
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_367	367	138	208	346	581	25145
SHORE_RD-LAKSUCSS_138_368	368	138	208	346	581	25150
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
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	2271	25021
SMAHWH_B-RAMAPO___345_70	70	345	1720	1890	2401	25259
SMITHFLD-FALLS VG_69__690	690-FV	69	28	28	28	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-QUENSRY_115_5-SFQ	5	115	105	114	134	26141

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
SPRAINBROOK - SPRNBR49	R49REAC	345	693	936	1392	26725
SPRNBRK -DUNWODIE_138_99941	99941	138	295	418	472	25245
SPRNBRK_-DUNWODIE_138_99942	99942	138	295	418	472	25246
SPRNBRK_-DUNWODIE_345_W75	W75	345	2384	2708	3247	25071
SPRNBRK_-EGRDNCTR_345_Y49	Y49	345	693	936	1392	25105
SPRNBRK_-EGRDNCTR_345_Y49	Y49	345	637	900	1329	25105
SPRNBRK_-TREMONT__345_X28	X28	345	469	673	1076	25175
SPRNBRK_-W49TH_ST_345_M51	M51	345	774	866	1291	25053
SPRNBRK_-W49TH_ST_345_M52	M52	345	774	866	1291	25223
ST_139_A-DUNKIRK__115_141-2	141	115	88	101	108	26026
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	125	151	215	25062
STA_162_-STA_158__115_924	924	115	129	147	159	26653
STA_204_-S42____115_911-2	911	115	185	207	215	26307
STA_33_-MORTIMER_115_901-2	901	115	182	197	248	25097
STA_33_-MORTIMER_115_901-2	901	115	175	197	241	25097
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_ST-WRGHTAVE_115_976	976	115	185	221	239	26200
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
STOLLERD-HISHELDN_230_67	67	230	420	484	540	25064
STRUGNPL-BOULEVRD_69__N	N	69	45	47	55	26211
STRUGNPL-OHIOVLE_69__O	O	69	41	44	51	26246
SUGRLOAF_115_69__BK 6108	BK 6108	115	189	222	250	26333
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

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
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_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_-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
TEMPLE_-PEAT ST__115_10-TP	10	115	176	211	233	26715
TIANA_-RIVRHEAD_69_962	962	69	184	243	297	26617
TILDEN_-DEWITT__115_19-TD	19	115	182	197	236	26092
TREMONT__138A_138B_BK 11	R11	138	276	335	361	25649
TREMONT__138C_138D_BK 12	R12	138	276	335	361	25650
TREMONT__345_138_BK 11	R11	345	245	299	340	25473
TREMONT__345_138_BK 12	R12	138	245	299	340	25474
TRINITY_-RIVERSDE_115_19	19	115	198	242	278	26492
VALLEY_-INGHAM_C_115_3-VI	3	115	116	120	145	26106
VALLYSTR-BARRETT__138_291	291	138	214	301	418	25312
VALLYSTR-BARRETT__138_291	291	138	214	301	418	25312
VALLYSTR-BARRETT__138_292	292	138	214	301	418	25313
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		138	258	344	428	26726
VERNON_-GREENWD__138_31231	31231-1	138	154	239	387	25337
VERNON_-KENTAVE__138_31232-1	31232-1	138	154	239	387	26123
VOLNEY_-CLAY_____345_6-CV	6	345	1109	1344	1686	25198
VOLNEY_-MARCY_____345_19	19	345	1670	1931	2210	25345
VOLNEY_-MARCY_____345_19	19	345	1434	1650	1971	25345
W.NYACK - CLOSTER	75	69	112	130	137	69314
W.NYACK__138_69__BK 221	BK 221	138	212	281	319	26334
W49TH_ST-E13THSTA_345_M54	M54	345	774	866	1291	25228
W49TH_ST-E13THSTA_345_M55	M55	345	774	866	1291	25222
WADNGRIV-HOLBROOK_138_884	884	138	328	379	434	25341
WADNGRIV-SHOREHAM_138_891	891	138	434	480	586	25342
WALDEN_-DEPEW_TP_115_54-2	54	115	129	181	206	26024
WALDEN_-DEPEW_TP_115_54-2	924/54	115	191	196	211	26024

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
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	592	843	1094	25032
WALDWICK-SMAHWAH_345_J3410	J3410	345	589	898	1482	25032
WALDWICK-SMAHWH_B_345_K3411	K3411	345	621	881	1150	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	116	116	25015
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	926	1076	1076	25178
WETHSRFD-MEYER_230_85	85	230	420	484	540	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_-BRNDSVLE_115_1	1	115	129	182	199	26204
WILLIS_-BRNDSVLE_115_1	911	115	120	163	183	26204
WILLIS_-BRNDSVLE_115_1	WS-1	115	125	140	156	26204
WILLIS_-DULEY_230_WP1	WP1	230	349	386	440	325565
WILLIS_-PLATSBRG_230_WP1	WP-1	230	170	188	214	25272
WILLIS_-RYAN_230_WRY-2	WP2	230	397	459	503	325566
WILLWBRK-FRESHKLS_138_29211-2	29211-2	138	169	271	452	25319
WILLWBRK-FRESHKLS_138_29212-2	29212-1	138	169	271	452	25320
WOLF_RD_-MENANDS_115_10	10	115	105	114	134	26255
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	2657	25148
WOOD_ST_-MILLWOOD_345_W81	W81	345	1720	2214	2657	25525
WOOD_ST_-PLSNTVLE_345_Y87	Y87	345	1839	2606	3105	25132
WOODARD_-ELBRIDGE_115_4	17	115	156	179	195	325316
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	46	53	56	26234
WWDBURNE-HONK_FLS_69_WH2	WH2	69	39	47	50	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

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
WYNTKLN-REYNOLDS_115_13-WR	13	115	186	214	237	26143
WYNTKLN-REYNOLDS_115_13-WR	13/988	115	215	247	270	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	158	171	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
<i>Long Island (Zone K) – ISONNE (Zone N)</i>		
*Northport-Norwalk	601/602/603	138

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

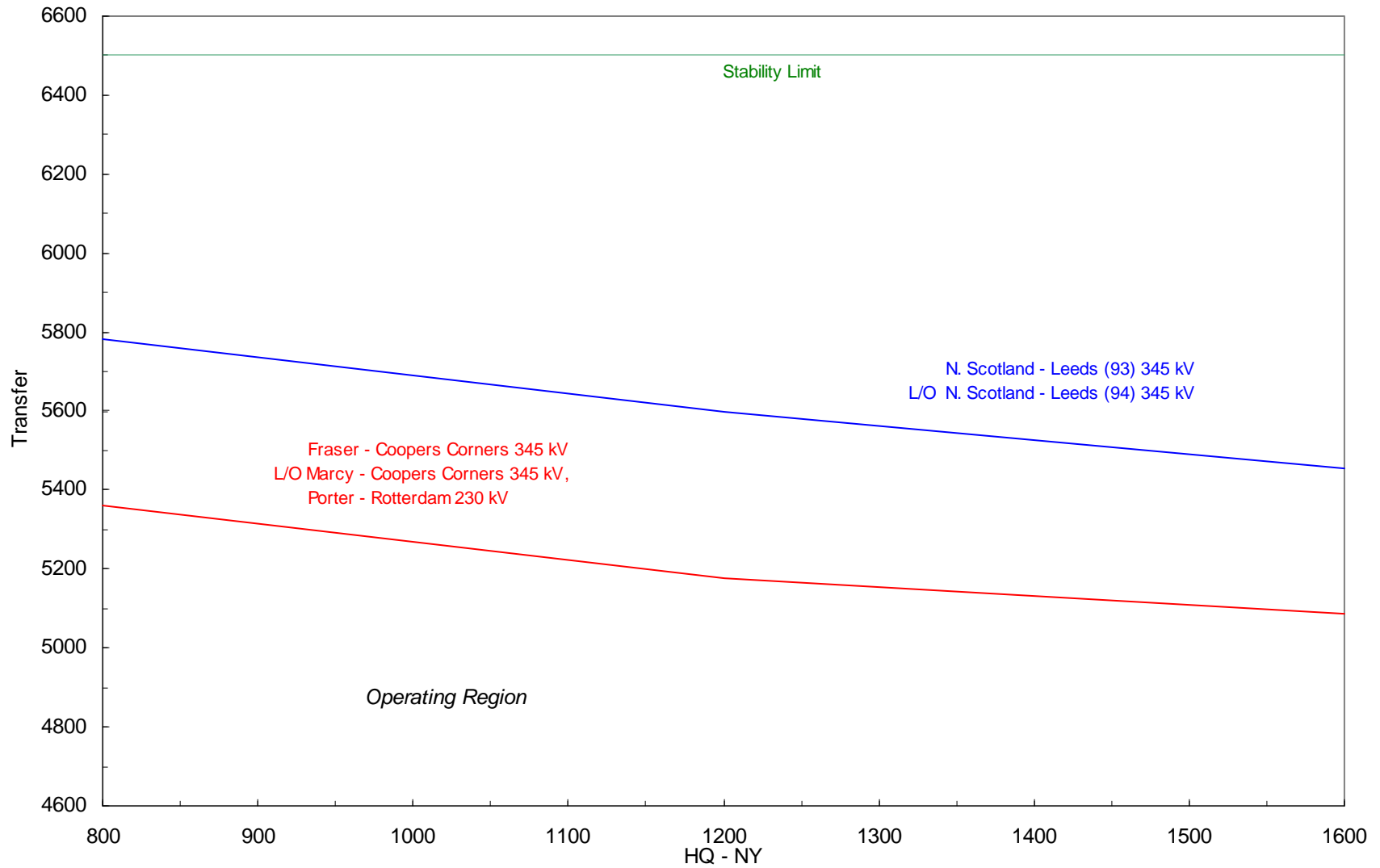
TRANSFER LIMIT SENSITIVITY GRAPHS

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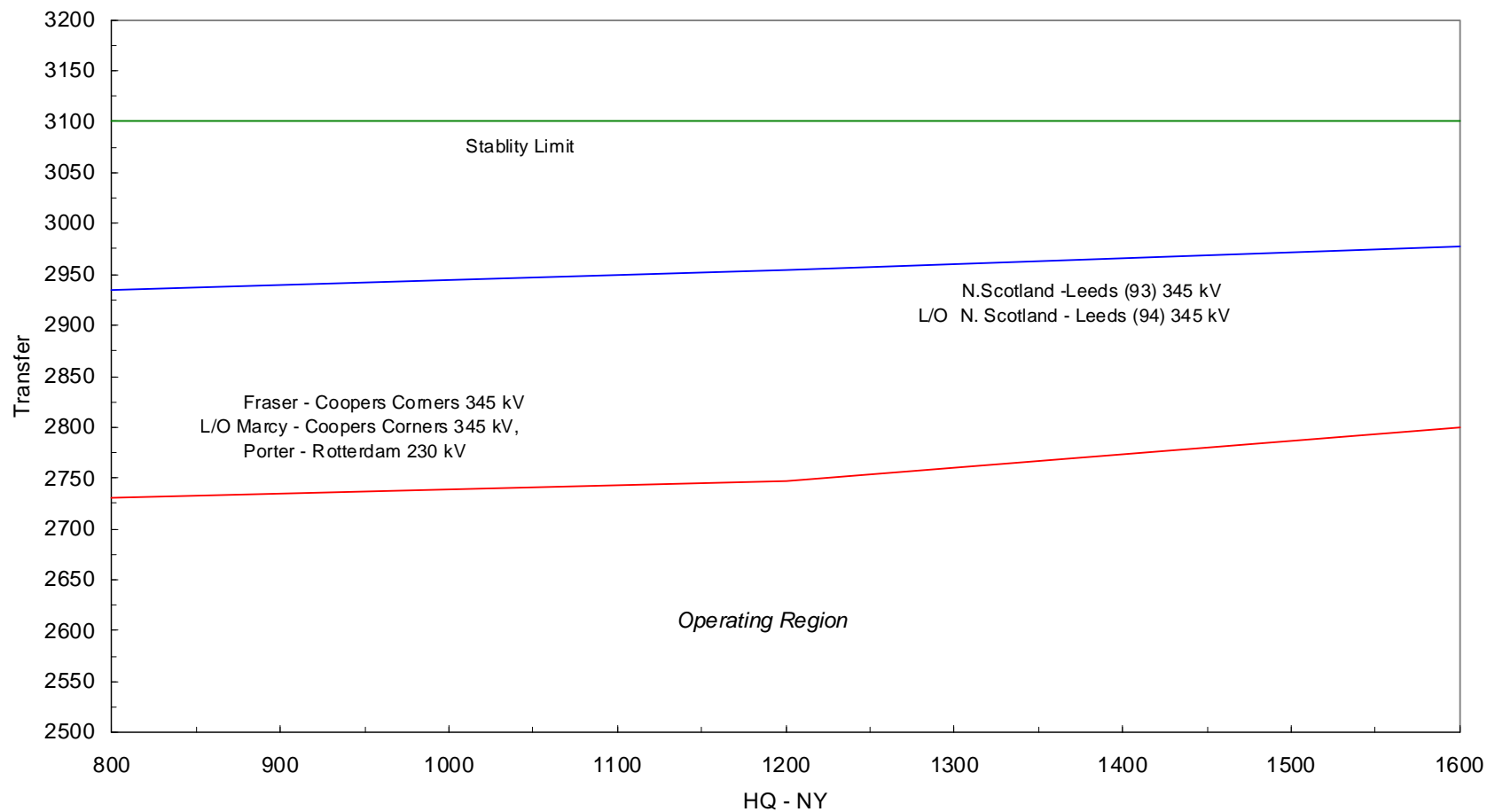
INDEX

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

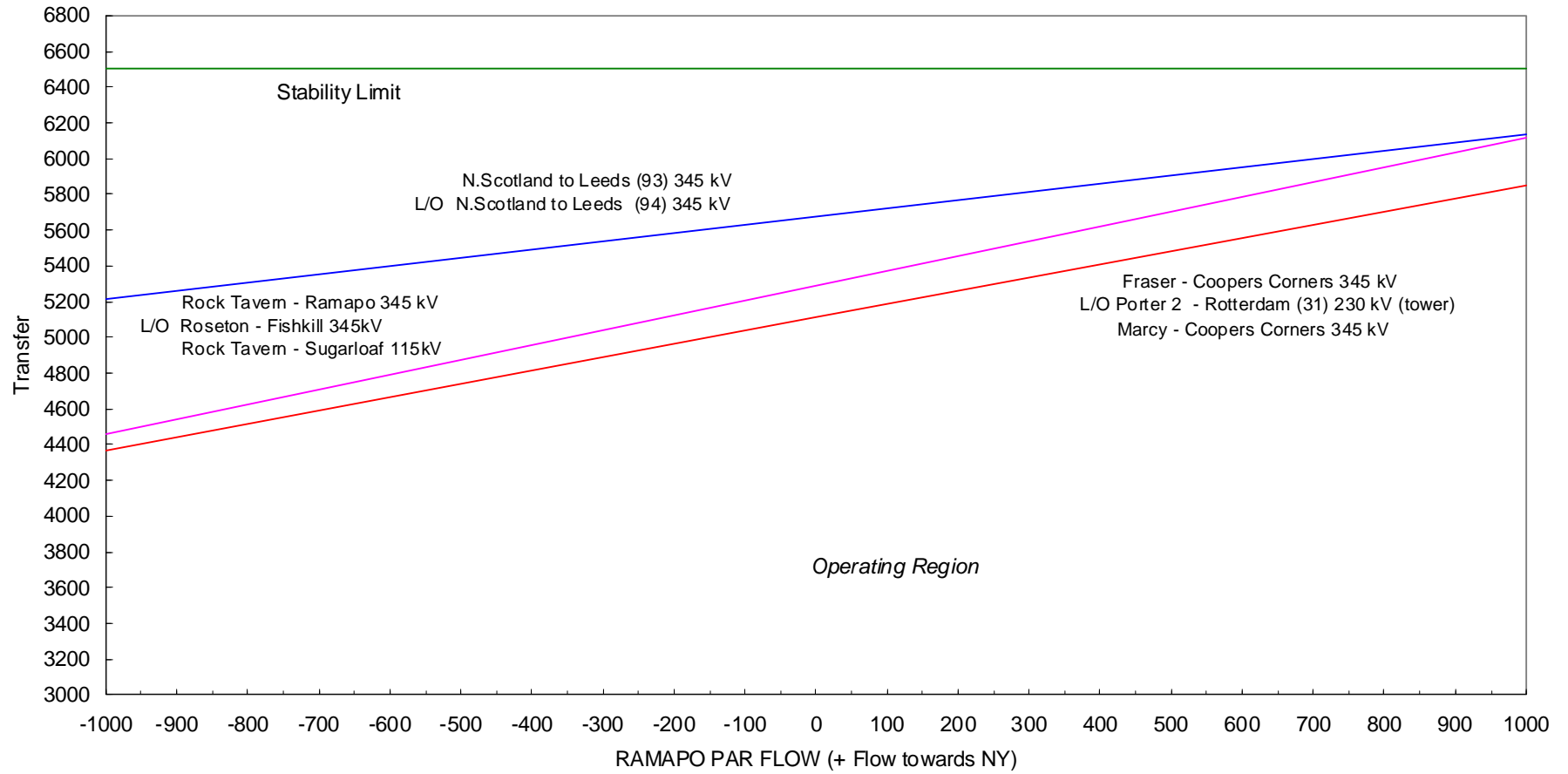
Total East vs. HQ Export to New York For Normal Transfer Criteria Summer 2009



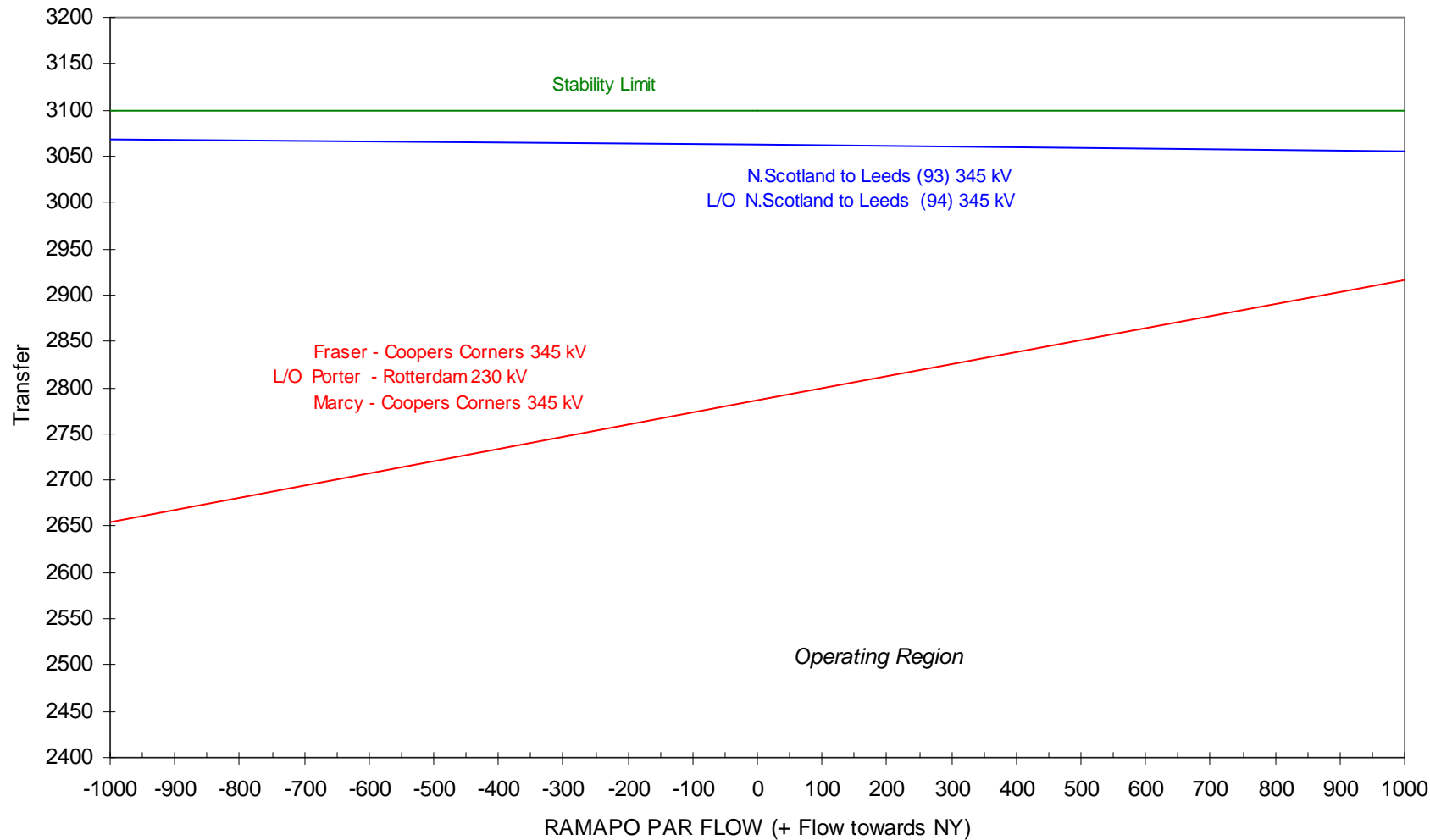
Central East vs. HQ Export to New York For Normal Transfer Criteria Summer 2009



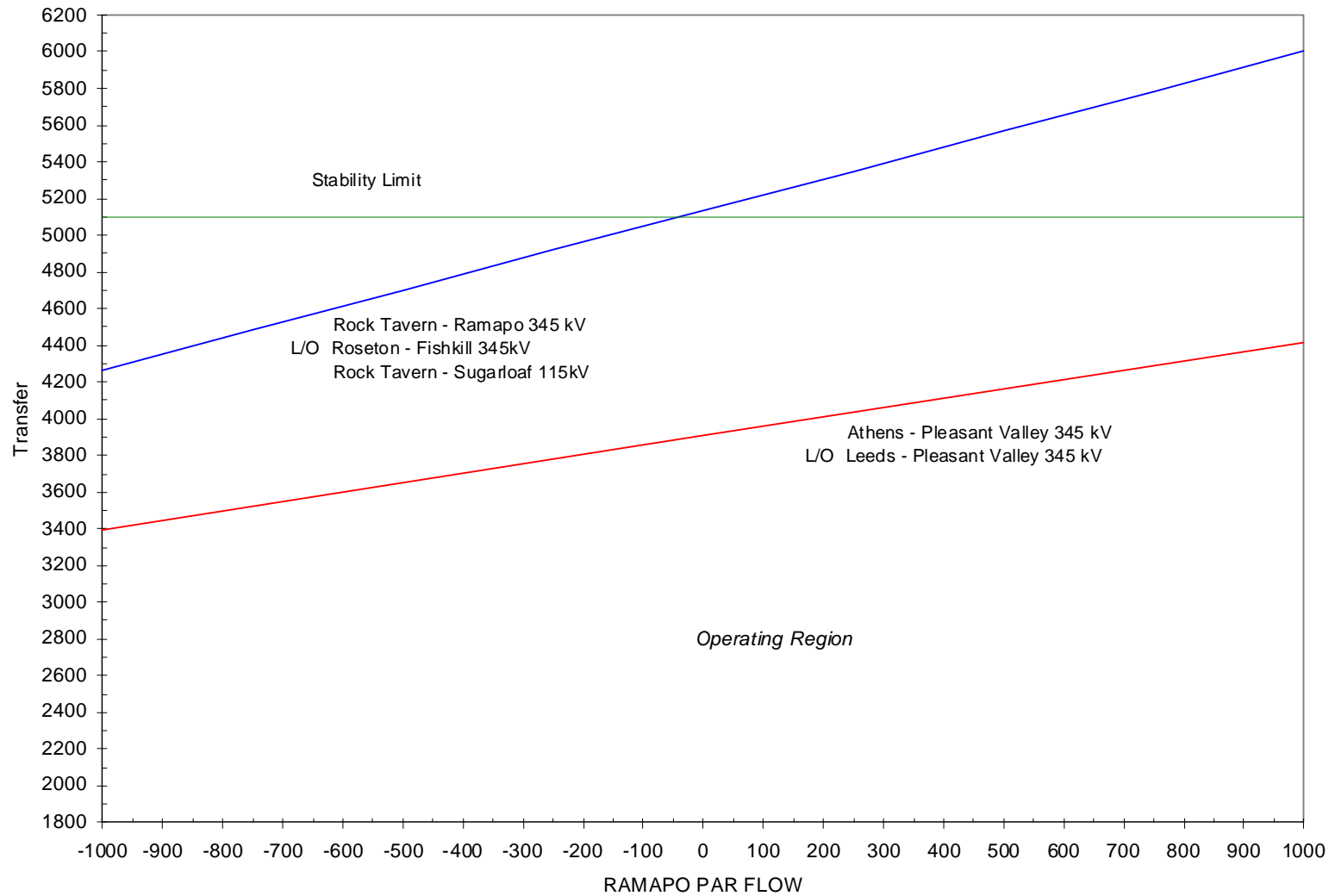
Total East vs. RAMAPO PAR Flow For Normal Transfer Criteria Summer 2009



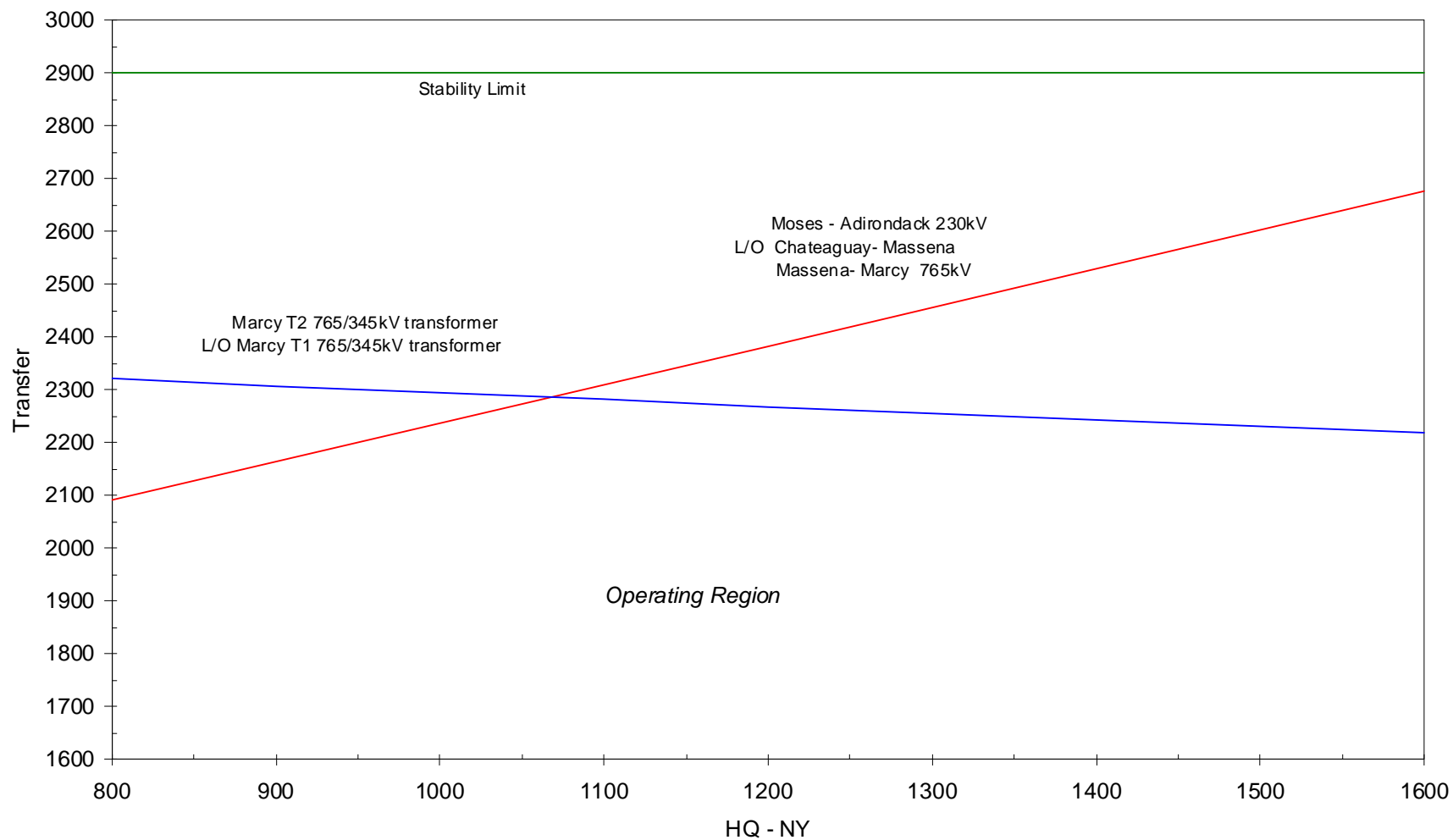
Central East vs. RAMAPO PAR Flow For Normal Transfer Criteria Summer 2009



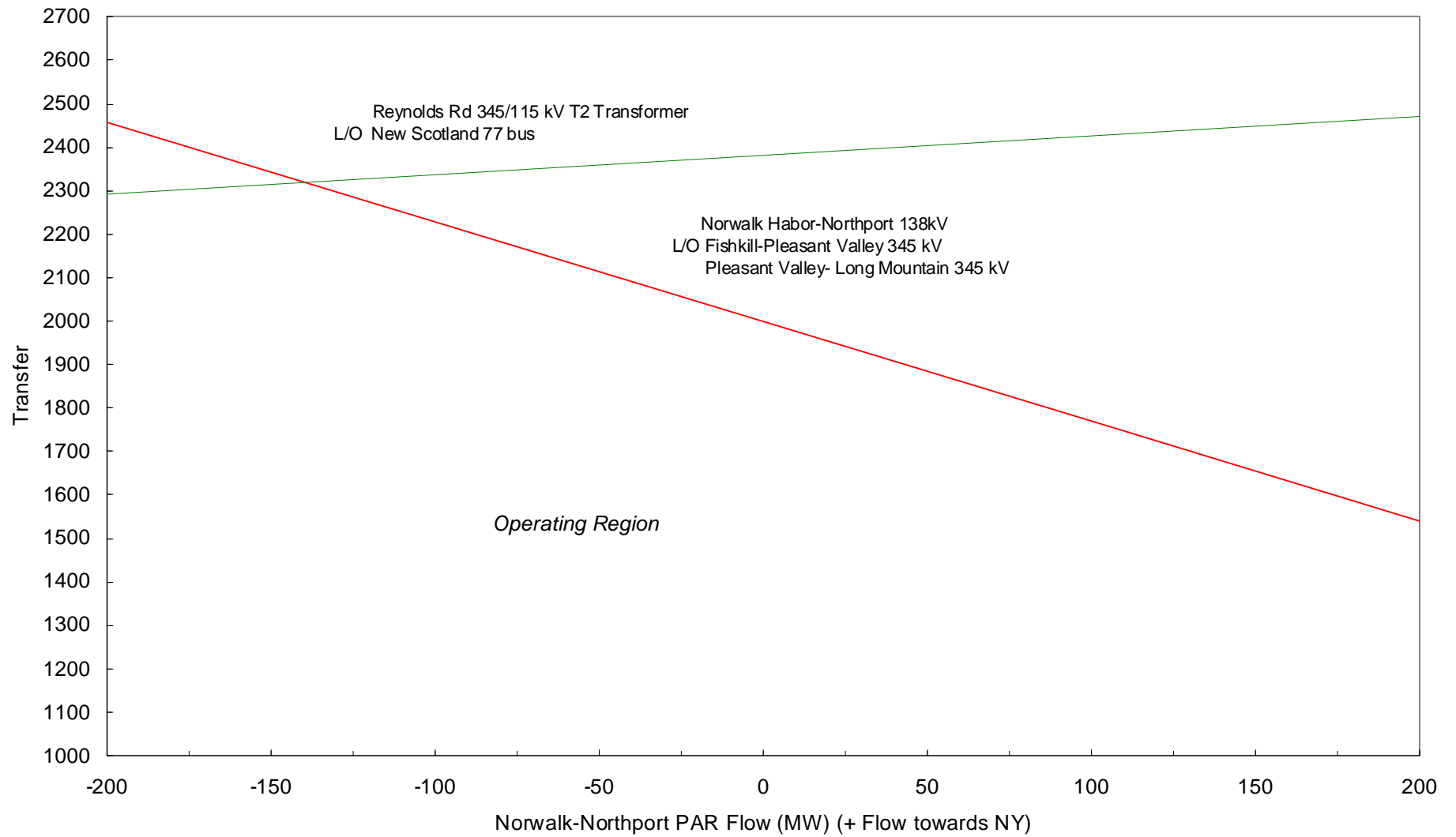
UPNY CONED vs. RAMAPO PAR Flow
For Normal Transfer Criteria
Summer 2009



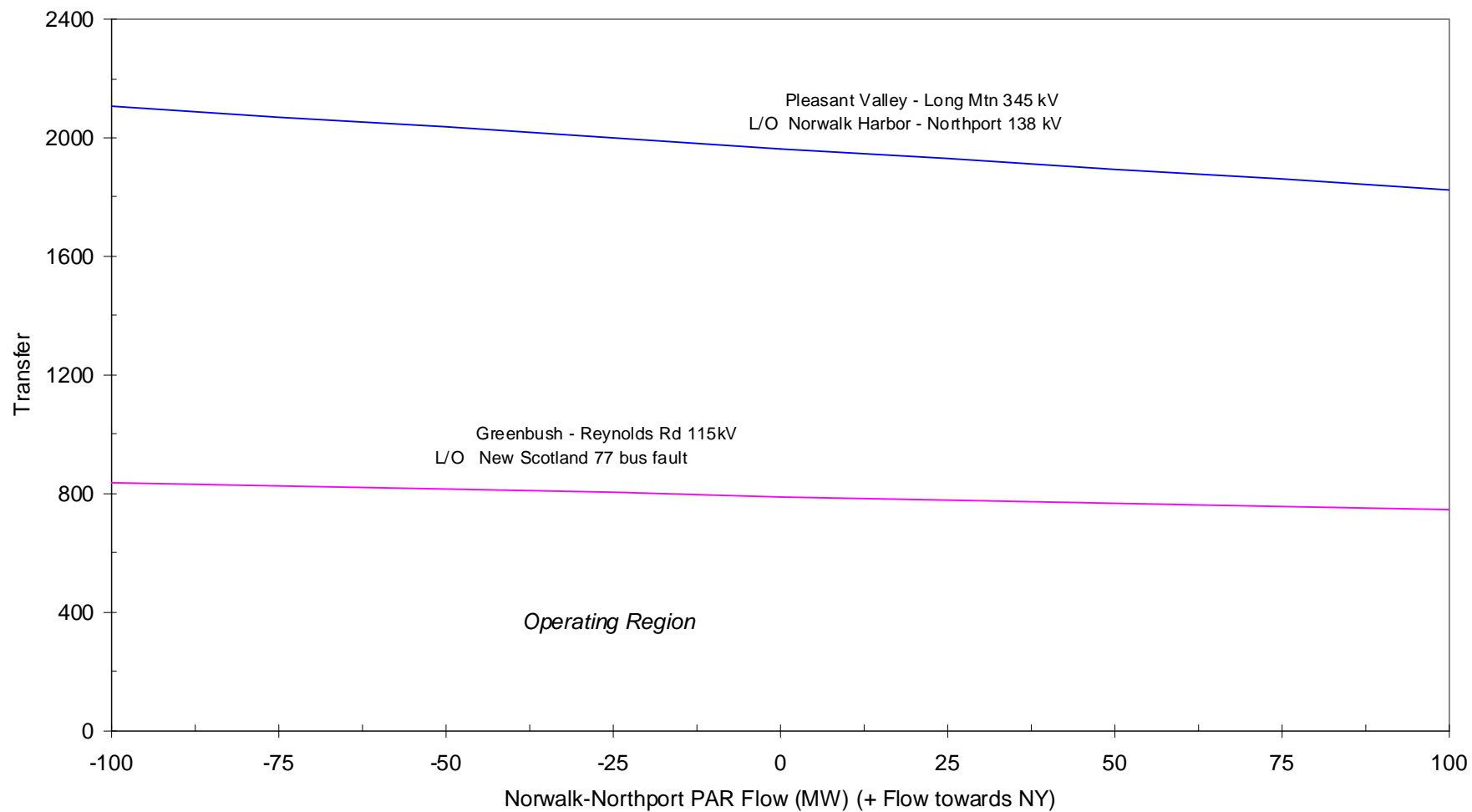
Moses South vs. HQ Export to New York For Normal Transfer Criteria Summer 2009



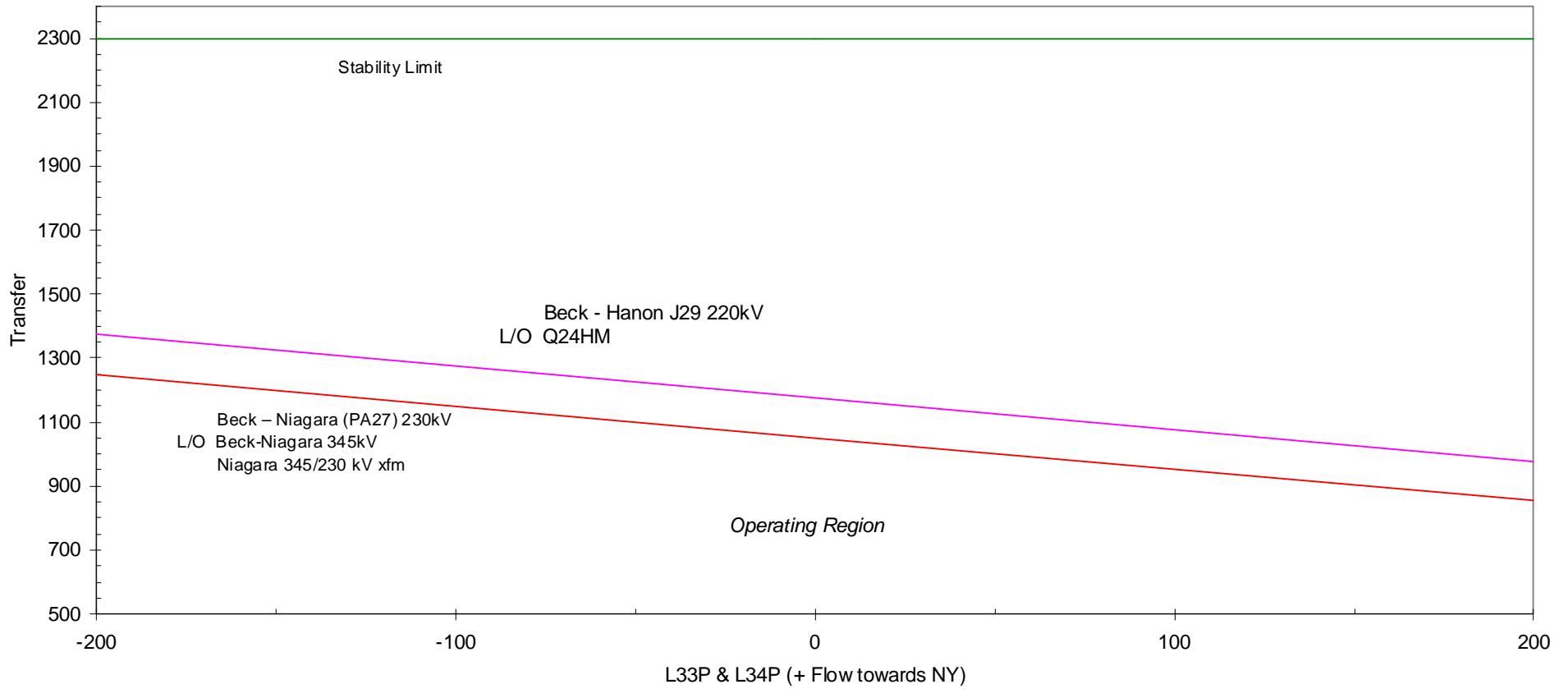
NE-NY vs. NORWALK-NORTHPORT PAR Flow For Normal Transfer Criteria Summer 2009



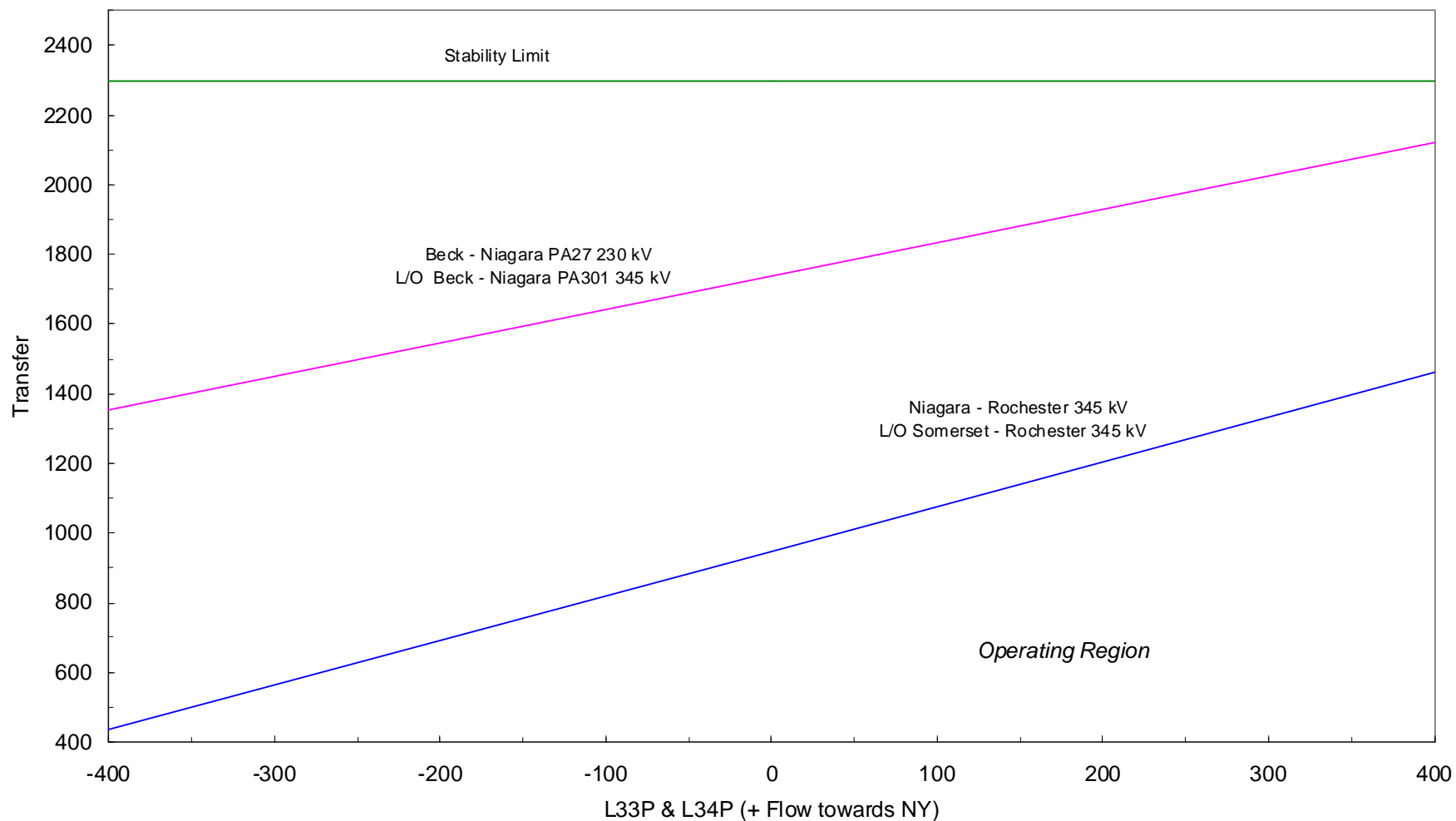
NY-NE vs. NORWALK-NORTHPORT PAR Flow For Normal Transfer Criteria Summer 2009



NY- IESO (Ontario) Transfer vs. L33P & L34P
For Normal Transfer Criteria
Summer 2009 with BP76 O/S



IESO (Ontario)-NY Transfer vs. L33P & L34P
For Normal Transfer Criteria
Summer 2009 with BP76 O/S



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APPENDIX H

**COMPARISON OF TRANSFER LIMITS
SUMMER 2009 vs. SUMMER 2008**

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Comparison of Summer 2009 to Summer 2008 Thermal Limits

		SUMMER 2009		SUMMER 2008		
Interface		Limit (MW)	Contingency	Limit (MW)	Contingency	Delta
Dysinger East	Normal	2825	1	2925	1	-100
	Emergency	3125	2	3225	2	-100
West Central	Normal	1650	1	1500	1	150
	Emergency	1950	2	1800	2	150
UPNY - ConEd	Normal	3975	3	3650	4	325
	Emergency	4625	5	4300	5	325
Sprain Brook Dunwoodie-South	Normal	3525	6	3650	6	-125
	Emergency	3825	7	3975	7	-150
Con Ed - LIPA	Normal	900	8	900	8	0
	Emergency	1450	9	1450	9	0
Central East	MSC-7040 FLOW	1600 MW		1600 MW		
	Normal	2975	11	2725	10	250
	Emergency	3275	12	3150	12	125
	MSC-7040 FLOW	1200 MW		1200 MW		
	Normal	2950	11	2675	10	275
	Emergency	3250	12	3100	13	150
	MSC-7040 FLOW	800 MW		800 MW		
	Normal	2925	11	2650	10	275
	Emergency	3225	12	3075	13	150
Total East	MSC-7040 FLOW	1600 MW		1600 MW		
	Normal	5075	10	5000	10	75
	Emergency	5975	13	5825	12	150
	MSC-7040 FLOW	1200 MW		1200 MW		
	Normal	5175	10	5100	10	75
	Emergency	6025	13	5925	13	100
	MSC-7040 FLOW	800 MW		800 MW		
	Normal	5350	10	5275	10	75
	Emergency	6200	13	6100	13	100
Moses - South	MSC-7040 FLOW	1600 MW		1600 MW		
	Normal	2200	16	2175	16	25
	Emergency	2675	17	2650	17	25
	MSC-7040 FLOW	1200 MW		1200 MW		
	Normal	2250	16	2225	16	25
	Emergency	2725	15	2650	15	75
	MSC-7040 FLOW	800 MW		800 MW		
	Normal	2075	14	2000	14	75
	Emergency	2450	15	2350	15	100

NYISO SUMMER 2009 AND 2008 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	LTE	1538 MW	L/O	Athens – Pleasant Valley (91) 345kV
(5)	Leeds – Pleasant Valley (92) 345kV	STE	1724 MW	L/O	Athens – Pleasant Valley (91) 345kV
(6)	Mott Haven – Rainey 345kV	SCUC	921 MW	L/O	Mott Haven – Rainey 345 kV
(7)	Mott Haven – Rainey 345kV	STE	1077 MW	L/O	Mott Haven – Rainey 345kV
(8)	Dunwoodie – Shore Rd. (Y50) 345kV	LTE	914 MW	L/O	Sprain Brook – E.G.C. (Y49) 345kV
(9)	Dunwoodie – Shore Rd. (Y50) 345 kV	NOR	653 MW		Pre-Contingency Loading
(10)	Fraser–Coopers Corners (FCC-33) 345kV	LTE	1404 MW	L/O	Marcy–Coopers Corners (UCC2-41) 345 kV Porter – Rotterdam (30) 230 kV
(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	NOR	1207 MW		Pre-Contingency Loading
(14)	Moses - Adirondack 230kV	LTE	359 MW	L/O	Chateauguay–Massena (MSC-7040) 765 kV Massena – Marcy (MSU-1) 765 kV and TransÉnergie delivery
(15)	Moses - Adirondack 230kV	STE	440 MW	L/O	Chateauguay–Massena (MSC-7040) 765 kV Massena – Marcy (MSU-1) 765 kV and TransÉnergie delivery
(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

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									
158737	NANTICG2	483	533	50	126251	ER G6	120	116.5	-3.5
160702	LAMBTNG1	472	522	50	126252	ER G7	164	160.5	-3.5
					126653	AK 2	312	292	-20
					126655	AST 4	329.8	309.8	-20
					126656	AST 5	183	163	-20
					126657	RAV 1	320	300	-20
					129024	NRTPTG1	345	332	-13
UPNY - CONED									
158737	NANTICG2	483	498	15	126251	ER G6	120	116.5	-3.5
160702	LAMBTNG1	472	397	15	126252	ER G7	164	160.5	-3.5
135390	DUNKGEN3	170	175	5	126653	AK 2	312	292	-20
135801	HNTLY68G	0	5	5	126655	AST 4	330	310	-20
136701	9M PT 1G	646	696	50	126656	AST 5	183	163	-20
147765	MOS19-20	114	124	10	126657	RAV 1	320	300	-20
					129024	NRTPTG1	345	332	-13
SPRAIN BROOK DUNWOODIE - SOUTH									
158737	NANTICG2	483	498	15	126652	RAV 3	846	806	-40
160702	LAMBTNG1	472	397	15	126655	AST 4	330	300	-30
135390	DUNKGEN3	170	175	5	126657	RAV 1	320	290	-30
135801	HNTLY68G	0	5	5					
136701	9M PT 1G	646	696	50					
147765	MOS19-20	114	124	10					
CONED - LIPA									
125190	ROSE GN1	566	583	17	129024	NRTPTG1	345	327	-18
126251	ER G6	120	122.5	2.5	129026	NRTPTG3	0	-18	-18
126252	ER G7	164	166.5	2.5	129027	NRTPTG4	345	327	-18
126652	RAV 3	846	871	25	129093	PTJFIG4	181	145	-36
126655	AST 4	330	337.5	7.5	147821	NYPA108	90	80	-10
126656	AST 5	183	190.5	7.5					
126657	RAV 1	320	336	16					
146840	BOW2	585	593.5	8.5					
147788	POLETGT2	160	173.5	13.5					
CENTRAL EAST, TOTAL EAST									
158737	NANTICG2	483	498	15	126251	ER G6	120	116.5	-3.5
160702	LAMBTNG1	472	487	15	126252	ER G7	164	160.5	-3.5
135390	DUNKGEN3	170	175	5	126653	AK 2	312	292	-20
135801	HNTLY68G	0	5	5	126655	AST 4	330	310	-20
136701	9M PT 1G	646	696	50	126656	AST 5	183	163	-20
147765	MOS19-20	114	124	10	126657	RAV 1	320	300	-20
					129024	NRTPTG1	345	332	-13

GENERATION PARTICIPATION FOR INTERFACES

----- STUDY SYSTEM -----				<----- OPPOSING SYSTEM ----->					
				<--- GENERATOR MW-->		<----- GENERATOR MW --->			
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE		
MOSES SOUTH									
147763	MOS17-18	68.1	118.1	50	126652	RAV 3	846	836	-10
147766	MOS21-22	114	164	50	126655	AST 4	330	320	-10
					126656	AST 5	183	173	-10
					135390	DUNGEN3	170	160	-10
					135801	HNTLY68G	0	-10	-10
					136701	9M PT 1G	646	596	-50
NY - ONTARIO									
125190	ROSE GN1	558.2	577.1	18.9	156662	DARL G2	888.3	863.3	-25
126650	AK 3	304	319	15	156663	DARL G3	888.3	863.3	-25
126684	YORK G1	10	11.6	1.6	156664	DARL G4	896.6	871.6	-25
126685	YORK G2	10	11.6	1.6	156682	PICAS41B	0	-25	-25
130873	SOMERSET24	590	595.2	5.2					
136702	OSWGO 5G	681.6	691.1	9.5					
136703	OSWGO 6G	0	29.1	29.1					
136704	OCWE GEN	36.9	38.3	1.4					
136823	KAMINEGT	0	2.3	2.3					
136824	KAMINEST	0	1.6	1.6					
147777	GILBOA#1	290	291.4	1.4					
147779	GILBOA#3	219.9	224.2	4.4					
147796	POLETTI	657	665	8					
ONTARIO - NY									
155712	LENNOXG1	531	556	25	126650	AK 3	304	298	-6
155713	LENNOXG2	531	556	25	126657	RAV 1	320	311	-9
155715	LENNOXG4	531	556	25	130873	SOMERSET24	590	578	-12
160716	WEST WG1	96.6	121.6	25	131313	GRNIDG 3	57	55.8	-1.2
					131314	GRNIDG 4	99	96.6	-2.4
					131461	CAYUGA 2	0	-3.6	-3.6
					131462	CAYUGA 1	0	-3.6	-3.6
					135391	DUNGEN4	170	166.4	-3.6
					135800	HNTLY67G	180	174	-6
					136200	GERES LK	157.5	154.5	-3
					136703	OSWGO 6G	0	-18	-18
					136715	SITH-G1	115	112.6	-2.4
					136716	SITH-G2	115	112.6	-2.4
					136717	SITH-G3	115	112.6	-2.4
					136718	SITH-G4	115	112.6	-2.4
					136719	SITH-S5	145	142.6	-2.4
					136720	SITH-S6	145	142.6	-2.4
					137458	ATHENSC2	190	185.9	-4.1
					137459	ATHENSS2	105	103.1	-1.9
					137713	BETHGT3	155	150.8	-4.2
					146841	BOW1	585	581.4	-3.6
					147796	POLETTI	657	653.4	-3.6

GENERATION PARTICIPATION FOR THERMAL ANALYSIS

----- STUDY SYSTEM -----				----- OPPOSING SYSTEM -----				
<- GENERATOR MW-->				<----- GENERATOR MW ---->				
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE	
NY - NE								
125190 ROSE GN1	564.6	594.6	30	101063 MYST G7	565	540	-25	
125193 DANSK G4	240	270	30	101252 CANAL G2	576	546	-30	
126655 AST 4	327.6	335.1	7.5	102868 NWNGT G1	422	397	-25	
126656 AST 5	183	190.5	7.5	103563 MILL#3	1276	1256	-20	
137711 BETHGT1	155	158	3					
137713 BETHGT3	155	158	3					
137714 BETH STM	253	257	4					
146840 BOW2	585	600	15					
NE - NY								
101063 MYST G7	565	590	25	125190 ROSE GN1	563.6	533.6	-30	
101252 CANAL G2	576	606	30	125193 DANSK G4	240	235	-5	
102868 NWNGT G1	422	447	25	125194 DANSK G3	136	121	-15	
103563 MILL#3	1276	1296	20	137711 BETHGT1	155	152	-3	
				137713 BETHGT3	155	152	-3	
				137714 BETH STM	253	249	-4	
				146840 BOW2	585	570	-15	
				147777 GILBOA#1	290	265	-25	
NY - PJM								
125190 ROSE GN1	628	641.3	13.3	Scale shift to all				
126650 AK 3	487	491.1	4.1	PJM generation				
126655 AST 4	361.7	364.2	2.5					
126656 AST 5	356	364.7	8.7					
129024 NRTPTG1	363	366.4	3.4					
129025 NRTPTG2	366	370.1	4.1					
129026 NRTPTG3	371	376.2	5.2					
129076 HOLTS1-5	95	98.8	3.8					
130873 SOMERSET24	657	658.6	1.6					
135801 HNTLY68G	41	43.1	2.1					
136702 OSWGO 5G	736	744.9	8.9					
136703 OSWGO 6G	625	656.4	31.4					
147796 POLETTI	873	883.9	10.9					
PJM - NY								
Scale shift from all				126650 AK 3	211.5	203.8	-7.7	
PJM generation				126657 RAV 1	190	184.8	-5.2	
				130873 SOMERSET24	218.6	202.3	-16.3	
				131461 CAYUGA 2	79.8	76.7	-3	
				131462 CAYUGA 1	79.8	76.7	-3	
				135391 DUNKGEN4	57.5	53	-4.5	
				135800 HNTLY67G	55	50	-5	
				136200 GERES LK	108.1	106.1	-2	
				136702 OSWGO 5G	85.6	66.7	-18.9	
				136715 SITH-G1	102.5	102	-0.5	
				136716 SITH-G2	102.5	102	-0.5	

GENERATION PARTICIPATION FOR INTERFACES

----- STUDY SYSTEM ----->				<----- OPPOSING SYSTEM ----->				
<--- GENERATOR MW-->				<---- GENERATOR MW --->				
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE	
				136717	SITH-G3	102.5	102	-0.5
				136718	SITH-G4	102.5	102	-0.5
				137458	ATHENSC2	140	138	-2
				137459	ATHENSS2	30	27	-3
				137713	BETHGT3	23.8	18.5	-5.2
				146840	BOW2	291.2	279.5	-11.7
				146841	BOW1	460	455	-5
				147796	POLETTI	523.3	517.9	-5.3

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APPENDIX J

DISTRIBUTION FACTORS

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Table-1 DISTRIBUTION FACTORS FOR DYSINGER EAST CIRCUITS

Monitored Element			Base Flow	Transfer	KINTI-ROCH	NIAGAR-ROCH	STOLE-SHLDN	LOCKPT-SOUR	LOCKPT-SHEL	NIAGAR-ROCH
SOMERSET345	345 ROCH 345	345 1	678.51	19.95%	TRIP	44.61%	14.61%	15.58%	14.22%	O/S
STOLE230	230 SHLDN230	230 1	292.44	7.93%	5.88%	7.10%	TRIP	6.27%	5.72%	12.82%
ANDOVER1	115 PALMT115	115 1	0.00	0.00%	O/S	O/S	O/S	O/S	O/S	O/S
LOCKPORT	115 SHEL-113	115 1	96.17	2.49%	3.61%	4.36%	3.61%	13.68%	TRIP	7.86%
LOCKPORT	115 NAKR-108	115 1	55.21	0.90%	1.30%	1.57%	1.30%	3.79%	3.52%	2.83%
LOCKPORT	115 OAKFLDTP	115 1	61.35	1.05%	1.52%	1.83%	1.52%	4.43%	4.11%	3.31%
LOCKPORT	115 SOUR-111	115 1	90.24	2.36%	3.42%	4.13%	3.42%	TRIP	11.85%	7.46%
LOCKPORT	115 TELRDTP1	115 1	78.97	1.19%	1.72%	2.08%	1.72%	6.14%	6.19%	3.76%
LOCKPORT	115 TELRDTP1	115 1	100.69	2.49%	3.60%	4.35%	3.60%	11.57%	19.19%	7.85%
NIAG 345	345 ROCH 345	345 1	706.24	29.24%	54.14%	TRIP	21.43%	22.84%	20.85%	TRIP
SUB-Totals			2159.82	67.59%	75.19%	70.03%	51.20%	84.29%	85.66%	45.90%
L33P-L34P			-2.31	0.00%	9.44%	11.41%	9.28%	4.66%	4.25%	20.59%
PJM-NYISO			1504.93	32.42%	15.37%	18.56%	39.51%	11.05%	10.09%	33.51%
Totals				100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-2 DISTRIBUTION FACTORS FOR WEST CENTRAL CIRCUITS

Monitored Element			Base Flow	Transfer	PANNEL-CLAY	STOLE-SHLDN	S121-SLEGH	PANNEL-FARM	PANNEL-CLAY
STOLE230	230 SHLDN230	230 1	292.44	7.93%	2.95%	TRIP	3.02%	8.10%	6.95%
QUAKER	115 MACDN115	115 1	46.85	0.23%	0.48%	0.42%	20.50%	3.34%	1.13%
S121 B#2	115 SLEIG115	115 1	115.38	1.94%	3.61%	2.02%	TRIP	10.99%	8.54%
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	8.16	-0.36%	1.96%	17.11%	2.28%	4.87%	4.63%
MORTIMER	115 LAWLER-1	115 1	82.16	2.10%	2.73%	1.35%	4.05%	14.38%	6.44%
MORTIMER	115 LAWLER-2	115 1	62.54	2.18%	2.94%	1.18%	4.39%	6.06%	6.95%
PANNELL3	345 CLAY	345 1	184.78	25.72%	TRIP	10.35%	18.97%	20.36%	O/S
PANNELL3	345 CLAY	345 2	185.34	25.80%	57.65%	10.39%	19.03%	20.43%	TRIP
PANNELLI	115 FRMGTN-4	115 1	136.71	2.04%	6.00%	8.38%	16.99%	TRIP	14.16%
SUB-Totals			1114.36	67.59%	78.31%	51.20%	89.22%	88.53%	48.79%
L33P-L34P			-2.31	0.00%	8.37%	9.28%	3.41%	2.63%	19.76%
PJM-NYISO			1504.93	32.42%	13.32%	39.51%	7.38%	8.84%	31.46%
Totals				100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table3 DISTRIBUTION FACTORS FOR TOTAL EAST CIRCUITS

Monitored Element	Base Flow	Transfer	PORTERRTRDM	EDIC34NSCOT	MARCY3NSCOT	FRASERGILBA	BRBURGRAMPO	WALDWKSMAWA	HUDSONFARGT	LINDENGOETH	WALDWKSMAWA	HUDSONFARGT		
PLAT T#3	115 GRAND IS	115 1	113.32	0.00%	2.92%	2.85%	3.03%	1.75%	0.78%	0.05%	0.34%	0.54%	0.49%	0.50%
COOPC345	345 ROCK TAV	345 2	683.4	16.10%	3.74%	6.55%	6.91%	17.70%	4.33%	0.40%	0.37%	1.24%	3.69%	0.58%
BRANCHBG	500 RAMAPO 5	500 1	440.04	0.00%	1.93%	3.23%	3.33%	2.99%	TRIP	3.16%	6.10%	15.67%	29.62%	9.29%
HUDSON1	345 FARRGUT1	345 1	332.87	0.00%	0.75%	1.22%	1.26%	1.61%	5.69%	2.12%	TRIP	20.09%	20.02%	0.00%
HUDSON2	345 FARRGUT2	345 1	332.86	0.00%	0.85%	1.38%	1.43%	1.81%	6.80%	2.27%	30.77%	23.51%	21.48%	TRIP
LINDEN	230 GOETHALS	230 1	334.75	0.00%	1.05%	1.71%	1.77%	2.05%	12.76%	1.18%	17.56%	TRIP	11.20%	26.28%
NEPTCONV	345 NWBERG	345 1	661.19	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	792.51	17.48%	3.91%	6.83%	7.21%	18.62%	4.93%	0.41%	0.17%	1.14%	4.35%	0.30%
FRASR345	345 GILB 345	345 1	363.16	17.16%	9.52%	23.12%	23.85%	TRIP	3.61%	0.23%	2.09%	3.04%	2.04%	3.03%
E.SPR115	115 INGHAM-E	115 1	-8.05	0.95%	0.95%	-0.22%	-0.21%	2.54%	0.17%	0.01%	0.08%	0.12%	0.11%	0.12%
W.WDB115	115 W.WDBR69	69.0 1	10.41	0.49%	0.30%	0.40%	0.42%	0.98%	0.06%	0.00%	0.07%	0.10%	0.01%	0.11%
EDIC	345 N.SCOT77	345 1	816.74	18.32%	13.54%	TRIP	32.05%	18.88%	3.19%	0.22%	1.29%	2.07%	2.08%	1.88%
PORTER 2	230 ROTRDM.2	230 1	259.49	4.64%	TRIP	5.52%	5.62%	3.17%	0.78%	0.05%	0.33%	0.52%	0.50%	0.47%
PORTER 2	230 ROTRDM.2	230 2	259.44	4.64%	33.78%	5.52%	5.62%	3.17%	0.78%	0.05%	0.33%	0.52%	0.50%	0.47%
INGMS-CD	115 INGHAM-E	115 1	119.92	0.00%	9.80%	3.77%	3.82%	0.76%	0.41%	0.03%	0.16%	0.26%	0.27%	0.24%
MARCY T1	345 N.SCOT99	345 1	904.66	20.23%	14.76%	34.33%	TRIP	20.87%	3.52%	0.24%	1.43%	2.29%	2.29%	2.08%
WALDWICK	345 SMAHWAH1	345 1	-435.69	-0.19%	1.06%	1.81%	1.86%	1.38%	25.42%	89.42%	18.63%	11.93%	0.00%	26.06%
SMAH138	138 SMAHWAH1	345 1	-90.58	0.59%	-0.02%	-0.02%	-0.02%	0.17%	-0.22%	-2.26%	-0.72%	-0.49%	0.54%	-1.01%
WALDWICK	345 SMAHWAH2	345 1	-502.13	0.19%	1.05%	1.79%	1.85%	1.50%	25.28%	TRIP	18.16%	11.61%	TRIP	25.39%
HCOR138	138 BURNS138	138 1	-136.61	0.03%	0.00%	0.00%	0.00%	0.01%	0.01%	0.04%	0.01%	0.01%	0.00%	0.02%
SMAH138	138 RAMP138	138 1	-137.07	-0.46%	0.01%	0.01%	0.00%	-0.16%	0.26%	1.96%	0.57%	0.38%	-0.37%	0.80%
MONTVALE	69.0 BLUHILL	69.0 1	6.57	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	6.57	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	-78.82	-0.30%	0.00%	-0.01%	-0.01%	-0.09%	-0.08%	0.18%	0.09%	0.05%	-0.15%	0.12%
CRESSKIL	69.0 SPARKILL	69.0 1	6.82	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	49.7	0.06%	0.01%	0.01%	0.01%	0.03%	0.00%	0.02%	0.02%	0.02%	-0.01%	0.03%
HCOR34	34.5 PEARL34	34.5 1	5.69	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	-58.49	0.07%	0.01%	0.01%	0.01%	0.03%	0.02%	0.06%	0.03%	0.03%	-0.01%	0.04%
G22_VFT17.5K17.5	G22_VFT17KV	17.5 1	105.47	0.00%	0.12%	0.20%	0.21%	0.24%	1.50%	0.15%	2.13%	5.37%	1.37%	3.20%
Totals			5158.14	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

Monitored Element			Base Flow	Transfer	PLVLLY-MILLW	PLVLLY-FISHK	RAMAPO-BUCHN	LADNTW-BUCHS	LINDEN-GOETH	HUDSON-FARGT	ROSETN-FISHK
ROSETON	345 FISHKILL	345 1	1489.43	19.29%	-11.36%	15.36%	16.90%	23.21%	7.99%	7.56%	TRIP
E FISH I	115 FISHKILL	345 1	-85.4	1.76%	-0.51%	2.57%	0.85%	0.98%	0.49%	0.43%	6.42%
FISHKILL	115 SYLVN115	115 1	116.44	0.94%	0.75%	-0.07%	0.36%	0.65%	0.21%	0.18%	0.51%
RAMAPO	345 BUCH N	345 1	152.44	13.68%	3.43%	-0.22%	TRIP	43.55%	13.88%	14.37%	13.76%
LADENTWN	345 BUCH S	345 1	495.82	13.84%	18.21%	-3.69%	57.15%	TRIP	20.11%	21.17%	24.80%
PLTVLLEY	345 FISHKILL	345 1	282.74	8.06%	23.56%	TRIP	-0.57%	-7.27%	0.76%	0.41%	32.34%
PLTVLLEY	345 FISHKILL	345 2	282.74	8.06%	23.56%	66.20%	-0.57%	-7.27%	0.76%	0.41%	32.34%
PLTVLLEY	345 MILLWOOD	345 1	807.2	17.30%	TRIP	8.69%	3.27%	13.23%	2.28%	1.51%	-8.82%
PLTVLLEY	345 WOOD B	345 1	836.64	17.08%	34.68%	9.08%	3.25%	12.79%	2.27%	1.52%	-8.53%
SUB-Totals			4378.05	100.00%	92.32%	97.92%	80.63%	79.88%	48.73%	47.56%	92.81%
LINDEN	230 GOETHALS	230 1	334.75	0.00%	0.82%	0.10%	4.78%	5.28%	TRIP	17.56%	2.24%
HUDSON1	345 FARRGUT1	345 1	332.87	0.00%	0.63%	0.06%	5.67%	6.36%	20.09%	TRIP	2.43%
HUDSON2	345 FARRGUT2	345 1	332.86	0.00%	0.71%	0.07%	6.20%	6.95%	23.51%	30.77%	2.67%
NWLK HBR	138 NRTHPT P	138 1	33.75	0.00%	5.43%	1.83%	2.15%	0.90%	2.30%	1.99%	-0.42%
Totals				100.00%	99.90%	99.99%	99.43%	99.37%	94.63%	97.87%	99.73%

Table-5 DISTRIBUTION FACTORS FOR SPRAINBROOK DUNWOODIE SOUTH CIRCUITS

Monitored Element			Base Flow	Transfer	SPRAIN-TRMNT	SPRAIN-W49TH	DUNWDE-RAINY	VSTR-JAMAICA	LKSUC-JMAICA	REAC72-MOTT
SPRBROOK	345 TREMONT	345 1	391.82	0.00%	TRIP	3.12%	2.88%	7.44%	8.19%	3.60%
REACM51	345 W 49 ST	345 1	608.49	24.20%	4.52%	TRIP	18.91%	6.06%	6.74%	0.00%
REACM52	345 W 49 ST	345 2	608.49	24.20%	4.52%	21.75%	18.91%	6.06%	6.74%	23.85%
DUN NO1R	138 S CREEK	138 1	114.76	0.00%	16.47%	1.37%	1.45%	3.45%	3.84%	1.77%
DUN NO2R	138 S CREEK	138 1	114.88	0.00%	20.24%	1.68%	1.78%	4.24%	4.73%	2.17%
DUN SO1R	138 E179 ST	138 1	169.55	0.00%	25.31%	2.10%	2.22%	5.30%	5.91%	2.71%
V STRM P	138 JAMAICA	138 1	122.31	0.00%	6.83%	3.84%	3.77%	TRIP	41.62%	4.66%
L SUCSPH	138 JAMAICA	138 1	164.21	0.00%	8.52%	4.84%	4.93%	47.22%	TRIP	6.05%
REAC71	345 MOTT_H	345 3	597.98	25.89%	4.27%	19.35%	TRIP	6.09%	7.02%	27.81%
REAC72	345 MOTT_H	345 4	593.89	25.71%	4.24%	19.21%	23.03%	6.05%	6.97%	TRIP
SUB-Totals			3094.56	100.00%	94.92%	77.25%	77.87%	91.91%	91.76%	72.62%
LINDEN	230 GOETHALS	230 1	334.75	0.00%	1.54%	6.55%	6.38%	2.37%	2.40%	7.89%
HUDSON1	345 FARRGUT1	345 1	332.87	0.00%	1.60%	7.35%	7.14%	2.59%	2.65%	8.84%
HUDSON2	345 FARRGUT2	345 1	332.86	0.00%	1.75%	8.07%	7.84%	2.84%	2.91%	9.70%
Totals				100.00%	99.81%	99.21%	99.23%	99.72%	99.71%	99.05%

Table-6 DISTRIBUTION FACTORS FOR MOSES SOUTH CIRCUITS

Monitored Element				Base Flow	Transfer	MASSEN_CHAT	MASSEN-MARCY	MOSES2-ADRON	MOSES2-ADRONB1
ALCOA-NM	115	BRADY	115 1	18.41	2.11%	0.77%	3.83%	1.40%	3.29%
ALLENS F	115	COLTON	115 1	-5.05	1.78%	0.35%	2.21%	0.83%	1.92%
DENNISON	115	ANDRWS-4	115 1	16.61	2.27%	0.85%	4.20%	1.53%	3.60%
DENNISON	115	LWRNCE-B	115 1	17.43	2.27%	0.85%	4.20%	1.53%	3.61%
MASS 765	765	MARCY765	765 1	1170.53	72.86%	64.87%	TRIP	42.82%	O/S
MOSES W	230	ADRON B1	230 1	122.29	9.35%	3.14%	17.86%	TRIP	TRIP
MOSES W	230	ADRON B2	230 1	122.3	9.35%	3.14%	17.86%	36.39%	47.68%
SUB-Totals				1462.52	100.00%	73.96%	50.16%	84.49%	60.09%
MOSES E	230	STLAWL33	230 1	1.12	0.00%	10.14%	17.08%	5.15%	13.49%
MOSES E	230	STLAWL34	230 1	1.18	0.00%	12.43%	20.95%	6.31%	16.55%
MOSES W	230	WILLIS E	230 1	33.81	0.83%	1.88%	6.89%	2.40%	5.79%
MOSES W	230	WILLIS W	230 1	33.59	0.83%	1.87%	6.85%	2.38%	5.76%
Totals					101.66%	100.28%	101.92%	100.72%	101.68%

Table-7 DISTRIBUTION FACTORS FOR NEISO NYISO CIRCUITS

Monitored Element			Base Flow	Transfer	NHHAR_GEN	VTYANK_GEN	YRMTH_GEN	SBRK_GEN	HIGATE_DC	ELLRIVER	MADWAS_DC	ALPS34-MANY	PV.345-LNGMT
GRAND IS	115 PLAT T#3	115 1	-113.32	0.00%	4.07%	7.84%	7.78%	7.54%	36.50%	7.85%	7.85%	-8.78%	-4.95%
BNNINGTN	115 HOOSICK	115 1	-7.7	-3.50%	1.54%	2.46%	2.81%	2.84%	1.62%	2.80%	2.80%	-10.12%	-2.99%
BLISSPAR	115 WHITEHAL	115 1	0	0.00%	0.79%	2.35%	1.85%	1.78%	2.97%	1.86%	1.86%	-3.67%	-1.51%
BRSWAMP	230 ROTRDM.2	230 1	6.87	-8.26%	4.43%	6.56%	8.03%	8.14%	4.47%	8.02%	8.02%	-15.94%	-7.26%
MANY393	345 ALPS345	345 1	-45.18	-36.69%	19.37%	40.87%	34.71%	34.34%	24.30%	34.68%	34.68%	TRIP	-38.01%
CTNY398	345 PLTVLLEY	345 1	-15.8	-51.55%	49.66%	28.52%	32.28%	32.70%	21.21%	32.25%	32.25%	-47.35%	TRIP
NWLK HBR	138 NRTHPT P	138 1	33.75	0.00%	6.71%	3.80%	4.18%	4.22%	2.97%	4.18%	4.18%	-4.71%	-15.10%
NWLK HBR	138 NRTHPT P	138 2	33.75	0.00%	6.71%	3.80%	4.18%	4.22%	2.97%	4.18%	4.18%	-4.71%	-15.10%
NWLK HBR	138 NRTHPT P	138 3	33.75	0.00%	6.71%	3.80%	4.18%	4.22%	2.97%	4.18%	4.18%	-4.71%	-15.10%
SHMHVDCL	192 SHOREHAM	138 1	329.55	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Totals			255.67	-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

Monitored Element			Base Flow	Transfer	PA27-NIAGAR	STLAWR34-MOSES	STLAWR33-MOSES	BECKB-NIAGAR	BECKA-PA302
BECK A	345 NIAG 345	345 1	-20.2	27.71%	45.80%	9.01%	10.19%	65.23%	TRIP
BECK B	345 NIAG 345	345 1	-20.1	27.71%	45.80%	9.01%	10.19%	TRIP	0.00%
STLAWL33	230 MOSES E	230 1	-1.12	0.00%	1.36%	TRIP	57.56%	1.40%	4.03%
STLAWL34	230 MOSES E	230 1	-1.18	0.00%	1.66%	62.45%	TRIP	1.72%	4.95%
BCK2PA27	230 NIAGAR2W	230 1	-200.65	15.24%	TRIP	5.17%	5.85%	27.20%	78.23%
SUB-Totals			-243.25	70.66%	94.63%	85.65%	83.78%	95.55%	87.21%
1 ON-MICH			235.4	29.34%	5.06%	13.34%	15.08%	4.19%	12.05%
Totals				100.00%	99.69%	98.99%	98.86%	99.74%	99.26%

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	440.04	0.00%	6.25%	6.25%	10.79%	7.71%	TRIP	3.16%	6.10%	15.67%	3.16%	9.29%
HUDSON1	345 FARRGUT1	345 1	332.87	0.00%	1.66%	1.67%	2.72%	2.37%	5.69%	2.12%	TRIP	20.09%	2.12%	O/S
HUDSON2	345 FARRGUT2	345 1	332.86	0.00%	1.90%	1.91%	3.13%	2.69%	6.80%	2.27%	30.77%	23.51%	2.27%	TRIP
LINDEN	230 GOETHALS	230 1	334.75	0.00%	2.66%	2.66%	4.50%	3.35%	12.76%	1.18%	17.56%	TRIP	1.18%	26.28%
NEPTCONV	345 NWBRG	345 1	661.19	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	256.82	8.26%	15.85%	TRIP	15.11%	2.17%	1.70%	0.12%	0.49%	0.89%	0.12%	0.72%
HOMER CY	345 WATRC345	345 1	549.16	15.57%	6.45%	18.54%	TRIP	14.12%	3.60%	0.25%	0.97%	1.84%	0.25%	1.44%
E.TWANDA	230 HILSD230	230 1	78.56	16.28%	6.75%	4.00%	21.25%	TRIP	3.87%	0.33%	1.28%	2.06%	0.33%	1.86%
LAUREL L	115 WESTOVER115	115 1	6.7	4.52%	0.99%	0.73%	2.43%	10.46%	1.12%	0.10%	0.37%	0.59%	0.10%	0.53%
E.SAYRE	115 N.WAV115	115 1	27.36	5.91%	2.13%	1.48%	4.48%	28.50%	1.39%	0.12%	0.45%	0.74%	0.12%	0.66%
ERIE E	230 S RIPLEY	230 1	-62.89	13.51%	TRIP	22.23%	7.37%	5.13%	2.38%	0.17%	0.68%	1.24%	0.17%	1.00%
WARREN	115 FALCONER	115 1	55.17	4.14%	20.72%	8.57%	1.59%	3.23%	0.81%	0.06%	0.24%	0.42%	0.06%	0.35%
WALDWICK	345 SMAHWAH1	345 1	-435.69	-0.08%	3.79%	3.79%	6.38%	5.59%	25.42%	89.42%	18.63%	11.93%	89.42%	26.06%
SMAH138	138 SMAHWAH1	345 1	-90.58	0.23%	-0.29%	-0.29%	-0.52%	-0.42%	-0.22%	-2.26%	-0.72%	-0.49%	-2.26%	-1.01%
WALDWICK	345 SMAHWAH2	345 1	-502.13	0.08%	3.60%	3.60%	6.04%	5.31%	25.28%	TRIP	18.16%	11.61%	TRIP	25.39%
HCOR138	138 BURNS138	138 1	-136.61	0.02%	0.00%	0.00%	-0.01%	-0.01%	0.01%	0.04%	0.01%	0.01%	0.04%	0.02%
SMAH138	138 RAMP138	138 1	-137.07	-0.19%	0.23%	0.23%	0.40%	0.33%	0.26%	1.96%	0.57%	0.38%	1.96%	0.80%
MONTVALE	69.0 BLUHILL	69.0 1	6.57	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	6.57	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	-78.82	-0.16%	0.09%	0.08%	0.15%	0.12%	-0.08%	0.18%	0.09%	0.05%	0.18%	0.12%
CRESSKIL	69.0 SPARKKILL	69.0 1	6.82	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	49.7	0.05%	-0.01%	-0.01%	-0.01%	-0.01%	0.00%	0.02%	0.02%	0.02%	0.02%	0.03%
HCOR34	34.5 PEARL34	34.5 1	5.69	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	-58.49	0.06%	-0.01%	-0.01%	-0.02%	-0.01%	0.02%	0.06%	0.03%	0.03%	0.06%	0.04%
G22_VFT17.5K17.5	G22_VFT17KV	17.5 1	105.47	0.00%	0.31%	0.31%	0.53%	0.40%	1.50%	0.15%	2.13%	5.37%	0.15%	3.20%
SUB-Totals			1754.02	68.22%	73.05%	75.74%	86.34%	91.01%	92.31%	99.45%	97.82%	95.97%	99.45%	96.78%
1 MICH-ON			-235.4	31.78%	25.42%	22.81%	12.84%	8.44%	7.20%	0.51%	2.04%	3.77%	0.51%	3.01%
Totals				100.00%	98.47%	98.55%	99.18%	99.44%	99.51%	99.96%	99.86%	99.74%	99.96%	99.79%

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

Monitored Element	CENTRAL-EAST	ONT-NYISO	ONTARIO-MICH	PJM-NYISO	WEST-CENTRAL	BBURG-RAMAPO	MARCY-SOUTH	UTICA-ALBANY
Base Flow	2462.7	-246.97	238.98	1739.73	1111.63	437.23	1411.3	2237.93
NIAGARA	45.78%	-6.91%	6.91%	6.91%	78.06%	0.00%	22.62%	44.50%
HUNTLEY	45.57%	-7.01%	7.01%	7.01%	77.13%	0.00%	22.31%	44.26%
DUNKIRK	44.62%	3.61%	-3.61%	-3.61%	69.44%	0.00%	20.92%	43.21%
OSWEGO	50.70%	-1.36%	1.36%	1.36%	-2.81%	0.00%	29.95%	49.97%
GILBOA	1.54%	0.17%	-0.17%	-0.17%	0.35%	0.00%	1.28%	1.16%
BETH	-15.76%	-0.17%	0.17%	0.17%	-0.35%	0.00%	11.25%	-13.73%
ATHENS	-5.73%	-0.04%	0.04%	0.04%	-0.09%	0.00%	5.05%	-5.64%
ROSETON	0.25%	0.00%	0.00%	0.00%	0.01%	0.00%	-0.20%	0.24%
BOWLINE	1.33%	0.01%	-0.01%	-0.01%	0.02%	0.00%	-1.12%	1.28%
INDIANPT2	1.04%	0.01%	-0.01%	-0.01%	0.02%	0.00%	-0.87%	1.00%
NORWALK	-5.57%	-0.06%	0.06%	0.06%	-0.13%	0.00%	4.31%	-5.20%
BRAYTON	-8.97%	-0.10%	0.10%	0.10%	-0.21%	0.00%	6.81%	-8.30%
SRK	-9.55%	-0.11%	0.11%	0.11%	-0.23%	0.00%	7.24%	-8.84%
LAMBTON	44.36%	54.18%	45.82%	45.82%	63.59%	0.00%	20.54%	42.93%
NANTICOKE	45.24%	72.46%	27.54%	27.54%	71.58%	0.00%	21.84%	43.90%
BECK	45.89%	85.84%	14.16%	14.16%	77.42%	0.00%	22.79%	44.62%
CONEMAUGH	42.90%	26.93%	-26.93%	73.07%	50.21%	0.00%	18.39%	41.32%
SALEM	42.78%	26.50%	-26.50%	73.50%	48.89%	0.00%	18.22%	41.19%
PORTLAND	42.65%	25.54%	-25.54%	74.46%	47.46%	0.00%	18.02%	41.04%
HUDSON	42.70%	25.90%	-25.90%	74.10%	48.02%	0.00%	18.10%	41.10%
EDDYSTONE	42.77%	26.42%	-26.42%	73.58%	48.79%	0.00%	18.20%	41.18%
BRANDON	42.94%	28.05%	-28.05%	71.95%	50.47%	0.00%	18.45%	41.36%
KARNS	43.62%	39.08%	-39.08%	60.92%	56.88%	0.00%	19.44%	42.11%
ZEEL	43.59%	38.55%	-38.55%	61.45%	56.64%	0.00%	19.41%	42.08%
BOWEN	43.25%	32.25%	-32.25%	67.75%	53.51%	0.00%	18.91%	41.71%
BAYSHORE	43.56%	37.52%	-37.52%	62.48%	56.44%	0.00%	19.37%	42.06%
MTSTORM	43.08%	29.57%	-29.57%	70.43%	51.92%	0.00%	18.66%	41.52%
HATFIELD	43.07%	29.16%	-29.16%	70.84%	51.91%	0.00%	18.65%	41.52%
NEWTON	43.34%	33.82%	-33.82%	66.18%	54.39%	0.00%	19.04%	41.81%

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

Monitored Element	CENTRAL-EAST	CENTRAL-EAST	CENTRAL-EAST	CENTRAL-EAST	CENTRAL-EAST	CENTRAL-EAST	CENTRAL-EAST	CENTRAL-EAST
Base Flow	2462.7	-246.97	238.98	1739.73	1111.63	437.23	1411.3	2237.93
NIAGARA	29.16%	-16.60%	15.60%	16.60%	49.22%	7.64%	14.49%	25.32%
HUNTLEY	28.62%	-16.79%	15.78%	16.79%	47.42%	7.92%	14.08%	24.81%
DUNKIRK	24.84%	-7.71%	7.21%	7.71%	38.05%	9.81%	11.52%	21.49%
OSWEGO	40.30%	-9.54%	8.94%	9.54%	-13.85%	2.27%	23.48%	36.12%
GILBOA	-5.03%	-4.79%	4.48%	4.79%	-5.31%	-1.09%	-1.98%	-5.41%
BETH	-22.68%	-5.31%	4.97%	5.31%	-5.27%	-1.13%	8.70%	-17.74%
ATHENS	-10.87%	-3.91%	3.66%	3.91%	-4.13%	-2.09%	2.64%	-10.40%
ROSETON	-2.96%	-2.31%	2.16%	2.31%	-2.44%	-3.65%	-1.52%	-2.72%
BOWLINE	0.25%	-0.54%	0.50%	0.54%	-0.59%	-6.79%	-1.17%	0.18%
INDIANPT 2	-0.14%	-0.61%	0.57%	0.61%	-0.66%	-6.04%	-0.97%	-0.14%
NORWALK	-7.16%	-2.42%	2.27%	2.42%	-2.28%	-2.72%	1.72%	-4.96%
BRAYTON	-15.35%	-4.18%	3.91%	4.18%	-3.56%	-1.93%	5.32%	-9.15%
SBRK	-16.78%	-4.48%	4.19%	4.48%	-3.68%	-1.76%	5.99%	-9.26%
LAMBTON	23.09%	42.76%	56.73%	57.24%	24.40%	11.48%	10.87%	19.65%
NANTICOKE	28.60%	64.13%	33.79%	35.88%	32.42%	8.61%	14.28%	24.31%
BECK	29.77%	76.80%	21.81%	23.20%	46.05%	7.57%	15.02%	25.72%
CONEMAUGH	13.22%	9.92%	-9.31%	90.08%	10.87%	16.73%	4.88%	11.32%
SALEM	8.88%	6.32%	-5.91%	93.68%	6.54%	19.47%	2.86%	7.59%
PORTLAND	7.82%	4.59%	-4.30%	95.41%	4.78%	14.90%	2.24%	6.69%
HUDSON	3.02%	1.70%	-1.59%	98.30%	1.76%	4.95%	0.45%	2.57%
EDDYSTONE	8.92%	6.28%	-5.87%	93.73%	6.51%	19.54%	2.86%	7.63%
BRANDON	12.32%	10.48%	-9.78%	89.52%	10.21%	17.41%	4.54%	10.53%
KARNS	18.69%	26.46%	-25.47%	73.54%	18.47%	13.78%	8.16%	15.94%
ZEEL	18.51%	25.83%	-24.78%	74.17%	18.23%	13.87%	8.05%	15.79%
BOWEN	15.98%	17.77%	-16.17%	82.23%	14.82%	15.25%	6.53%	13.65%
BAYSHORE	18.49%	24.85%	-24.17%	75.15%	18.24%	13.85%	8.01%	15.78%
MTSTORM	14.40%	13.61%	-12.70%	86.39%	12.73%	16.13%	5.62%	12.31%
HATFIELD	14.80%	13.45%	-12.59%	86.56%	13.09%	15.84%	5.79%	12.66%
NEWTON	16.83%	20.10%	-18.24%	79.90%	15.95%	14.77%	7.03%	14.37%

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