

APPENDIX A

SCHEDULE OF SIGNIFICANT INTERCHANGES ASSUMED FOR TRANSFER LIMITS STUDIES

This page is intentionally left blank

SUMMARY OF NET INTERCHANGE SCHEDULES

TO FROM	NYISO	PJM	IESO	ISONE	NB/NS	Trans Énergie	Cross- Sound	Neptune- HVdc	Linden VFT	HTP	NNC Transfer	Other Control Areas	TOTAL EXPORT+ IMPORT-
NYISO		36	0	88	0	-1310	-330	-660	-300	-320	-100	121	-2775
PJM	-36		0	0	0	0	0	660	300	320	0	1829	3073
IESO	0	0		0	0	-1250	0	0	0	0	0	0	-1250
ISONE	-88	0	0		-800	-1700	330	0	0	0	100	0	-2158
NB/NS	0	0	0	800		-385	0	0	0	0	0	0	415
Trans Énergie	1310	0	1250	1700	385		0	0	0	0	0	45	4690

APPENDIX A	
SUMMARY OF SUMMER 2014 BASE TRANSFERS	
NEW BRUNSWICK/NOVA SCOTIA	
New Brunswick to TransÉnergie: Madawaska and Eel River HVdc	-385
New Brunswick to New England	800
Total Export (+) / Import (-)	415

NEW ENGLAND	
New England to New Brunswick	-800
New England to TransÉnergie: Sandy Pond HVdc	-1500
New England to TransÉnergie: Vermont	-200
New England to New York	-88
New England to NY: Norwalk Harbor-Northport	100
New England to NY: Cross-Sound	330
Total Export (+) / Import (-)	-2158

NEW YORK ISO	
New York to TransÉnergie	-1310
New York to New England	88
New York to New England: Norwalk Harbor-Northport	-100
New York to New England: Cross-Sound	-330
New York to PJM: NYPA to PA-RECS	73
New York to PJM: Sithe Allegheny	-37
New York to PJM: Non-Firm Energy	0
New York to PJM: Linden VFT	-300
New York to PJM: Neptune HVdc	-660
New York to PJM: HTP	-320
New York to MISO: NYPA to AMP- Ohio	121
New York to IESO (Ontario)	0
Total Export (+) / Import (-)	-2775

APPENDIX A	
SUMMARY OF SUMMER 2014 BASE TRANSFERS	
IESO (Ontario)	
IESO to TransÉnergie	-1250
IESO to New York	0
IESO to PJM	0
IESO to MISO	0
Total Export (+) / Import (-)	-1250

PJM	
PJM to New York: NYPA to PA-RECS	-73
PJM to New York: Sithe Allegheny	37
PJM to New York: Non Firm Energy	0
PJM to New York: Neptune HVdc	660
PJM to New York: Linden VFT	300
PJM to New York: HTP	320
Miscellaneous Transfers to Other Areas	1829
Total Export (+) / Import (-)	3073

TRANSÉNERGIE	
TransÉnergie to New Brunswick: Madawaska and Eel River HVdc	385
TransÉnergie to New England: Sandy Pond HVdc	1500
TransÉnergie to New England: Vermont	200
TransÉnergie to New York	1310
TransÉnergie to IESO (Ontario)	1250
TransÉnergie to Cornwall	45
Total Export (+) / Import (-)	4690

This page is intentionally left blank

APPENDIX B

SUMMER 2014 BASE CASE CONDITIONS

This page is intentionally left blank

Summer 2014 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	375 MW	In Service
Dunkirk	75 MW	In Service
Niagara	2677 MW	In Service
AES/Somerset	678 MW	In Service
Ginna	581 MW	In Service
Sithe/Independence	890 MW	In Service
Oswego #5	469 MW	In Service
Oswego #6	804 MW	In Service
Nine Mile Pt #1	627 MW	In Service
Nine Mile Pt #2	1287 MW	In Service
J.A. Fitzpatrick	847 MW	In Service
Maple Ridge Wind Farm	32 MW	In Service
St. Lawrence/FDR (17-32)	817 MW	In Service
Athens	800 MW	In Service
Bethlehem Energy Center	625 MW	In Service
Empire	544 MW	In Service
Gilboa	182 MW	In Service
Roseton 1	604 MW	In Service
Roseton 2	595 MW	In Service
Indian Pt #2	1020 MW	In Service
Indian Pt #3	1041 MW	In Service
Bowline Pt 1	578 MW	In Service
Bowline Pt 2	167 MW	In Service
Astoria Energy II	541 MW	In Service
Bayonne Energy Center	467 MW	In Service
ConEd Astoria Units (Astoria 3 & 5)	591 MW	In Service
NYPA Astoria Combined-Cycle	464 MW	In Service
Ravenswood #3	963 MW	In Service
ECP/Linden Cogen	446 MW	In Service
Arthur Kill #3	313 MW	In Service
Northport 1	205 MW	In Service
Northport 2	205 MW	In Service

Northport 3	205 MW	In Service
Northport 4	205 MW	In Service

ISO-NE

Millstone Point #2	934 MW	In Service
Millstone Point #3	1276 MW	In Service
Vermont Yankee	660 MW	In Service
Northfield 1, 2, 3 & 4	540 MW	In Service
Bear Swamp 1 & 2	290 MW	In Service
Norwalk Harbor 1 & 2	164/172 MW	In Service
Seabrook	1310 MW	In Service

Ontario

Beck 1	234 MW	In Service
Beck 2	1206 MW	In Service
Thorold	219 MW	In Service
Decew Falls	153 MW	In Service
Bruce A	2963 MW	In Service
Bruce B	2905 MW	In Service
Darlington	3681 MW	In Service
Lambton	0 MW	Out of Service
Pickering A	625 MW	In Service
Pickering B	1565 MW	In Service
Nanticoke	0 MW	Out of Service
Saunders	867 MW	In Service

PJM

Peach Bottom #2	1074 MW	In Service
Peach Bottom #3	1122 MW	In Service
Salem #1	1174 MW	In Service
Salem #2	1150 MW	In Service
Limerick #1	1114 MW	In Service
Limerick #2	1146 MW	In Service
Hope Creek	1228 MW	In Service
Susquehanna #1	1333 MW	In Service
Susquehanna #2	1140 MW	In Service

TransÉnergie HVdc CONVERTER SCHEDULES

Chateauguay HVdc	838 MW	In Service
Sandy Pond HVdc	1500 MW	In Service
Highgate HVdc	199 MW	In Service
Madawaska HVdc	385 MW	In Service
Eel River HVdc	0 MW	Out of Service

AREA LOADS & LOSSES

NYISO	33485 MW
ISO-NE	28086 MW
IESO (Ontario)	24936 MW
PJM	61480 MW

PHASE ANGLE REGULATOR SCHEDULES

Inghams (CD-ED)	120 MW
Sandbar PAR (PV-20)	100 MW
St. Lawrence-Moses L33P	0 MW
St. Lawrence-Moses L34P	0 MW
Norwalk Harbor-Northport	100 MW
Jamaica-Valley Stream	-123 MW
Jamaica-Lake Success	-165 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)	200 MW
Ramapo PAR #2 (+ to NY)	200 MW
East Garden City #1	315 MW
East Garden City #2	315 MW

This page is intentionally left blank

APPENDIX C

POWER FLOW TRANSCRIPTION DIAGRAMS

This page is intentionally left blank

INDEX

System Overview		C-4
------------------------	-------	------------

NYISO OPERATING STUDY
SUMMER 2014

2013 SERIES, ERAG/MMWG BASE CASE LIBRARY
2014 SUMMER OPERATING STUDY FINAL PEAK
TUE, APR 22 2014 15:55

1253 123 Outaouais DC

0 -12 WHTSL2 4-KENORA_TS
0 -12 WHTSL1 4-KENORA_TS
0 -12 INTPHAS7-ONT-MINN_F3M

NYCA Voltages	
RAMAPO 5	513.0
BOWLINE1	355.9
BUCHANAN S	353.8
COOPC345	354.4
E.G.C.-1	346.1
FARRAGUT	350.9
FRASR345	355.4
GILB 345	355.4
GOTHLN N	350.8
GOWANUSN	350.5
HURLEY 3	353.2
LADENTWN	355.9
LEEDS 3	351.7
MARCY T1	357.9
MILLWOOD	351.2
NIAG 345	350.9
PLTVLLEY	348.8

RAINEY	
RAMAPO	351.9
ROCK TAV	355.8
ROSETON	356.3
SHORE RD	354.1
SOMERSET345	347.6
SMAHWAH1	360.4
SPRAINBROOK	355.7
VOLNEY	349.2
DUNKIRK	360.4
GRDNVL2	232.9
HILSD230	230.5
HUNTLEY2	235.4
MASS230B	240.2
MOSES E	240.2
NIAGAR2E	238.1
PORTER 2	236.6
WATRC230	235.4

NYCA Loads + Losses	
WEST	2666 2093
GENESEE	2051 1359
CENTRAL	2896 3640
NORTH	544 386
MOHAWK	1429 2561
CAPITAL	2369 1815
HUDSON	2288 1780
MILLWOOD	689 1242
DUNWOODI	1507 1355
NYC	11641 9372
L ISLAND	5402 2826
NYCA Load	32539 12439
Losses	949 15992
Plant Load	0 0
Area Interchange	=

Area Int
MW

Chateaugay SVCs

CHAT G3	
NA	-38
CHAT G4	
NA	-38

Moses South
1577 -323
Moses So(C)
1689 -352

MASS 765
771.6 kV

NYCA Wind Generation

		MW	MVAR
BLISS		10	3
SHLDN_GE_G1		11	19
WTHRS_GE_G1		12	12
CANANDAIGUA		12	0
MAPLE-RIDGE		32	0
CHATG_GE_G1		10	1
ELLENBERG		8	0
CLINTON		10	0
ALTONA_GE_G1		9	1

Dynamic Reactive Output

		MW	MVAR
USTATCOM		NA	-5
FRASVC18		NA	0
LEEDS 3		NA	-2

MARCY765
772.4 kV

EDIC
357.3 kV

N.SCOT77
350.7 kV

UPNY-SENY
4681 -83
UPNY-SENY(C)
5887 302

UPNY-ConEd
3019 -132
UPNY-ConEd(C)
5727 211

Millwood South
7144 695

DUNWOODIE
348.9 kV

SB Dun-So(O)
1994 -114

W 49 ST
HUDSON1
HUDSON2
LNDEN
G22_VFT345KV-COGNTECH
NEPTCONV

-Q206_HUDSNDC
-B3402 PAR1
-C3403 PAR2
-GOETHALS
-NWBRG

-318 -215
333 -2
333 -30
333 38
299 -77
661 54

HMP HRBR
DUNWOODIE
JAMAICA
JAMAICA
-V STRM P

-EGC_DUM
-SHORE RD
-L SUICSPH
-122 -55

632 -1
595 -159
-164 -28
-122 -55

Quebec
Load = 22693 5656
Loss = 1054 21698
Gen = 28453 4921
Intch = 4700

Maritimes
Load = 3388 1093
Loss = 111 1194
Gen = 3914 271
Intch = 415

0 27 Eel River DC

384 1 MADAWA A-EDMN345

New England
Load = 27485 4904
Loss = 600 9961
Gen = 25931 3915
Intch = -2171

NE Generation

		MW	MVAR
VT YANKEE		660	208
BEARSWMP		290	51
NRTHFIELD		540	188
SEABROOK_G1		1310	253
MYSTIC		1946	75
BRAYTON		1600	159
MILLSTONE_G2		933	331
MILLSTONE_G3		1276	395

NE Voltages

LUDLOW	348.3
MILLBURY	355.0
MANCHESTER	346.6
SOUTHINGTON	344.9

Eastern NYCA Generation

		MW	MVAR
BETHLEHEM		625	29
EMPIRE		544	104
ATHENS		800	281
GILBOA#1		107	-12
GILBOA#2		0	0
GILBOA#3		74	-12
GILBOA#4		0	0
ROSE GN1		604	141
ROSE GN2		595	140
BOW2		577	144
IND PT 2		1020	433
IP#3 GEN		1040	298
1-ASTORIA-EN		546	136
2-ASTORIA-EN		541	-133
NYPA-CC		463	34
RAV 1		362	177
RAV 2		360	174
RAV 3		962	84
BAYONNE		466	106
AK 2		316	76
AK 3		313	199
NRTPTG1		205	-19
NRTPTG2		205	-18
NRTPTG3		205	4
NRTPTG4		205	4

Western NYCA Generation
(West of Total East)

		MW	MVAR
NIAGARA		2677	227
SOMERSET24		678	115
HNTLY67G		185	88
HNTLY68G		188	88
DUNKGN3		0	0
DUNKGN4		0	0
GINNA 19		580	13
ST.LAWRENCE		816	142

PJM Generation

		MW	MVAR
HOMERCITY		1884	84
SUSQ 1		1333	121
SUSQ 2		1140	-2
PCHBTM 2		1073	-24
PCHBTM 3		1122	-19
LIMERCCK1		1114	115
LIMERCCK2		1145	213
SALEM-G1		1174	181
SALEM-G2		1150	305
HUDSON_G1		0	0
HUDSON_G2		616	252

KEYSTONE
526.0 kV

JUNIATA
527.6 kV

ALBURTIS
523.5 kV

HOSENSAK
523.6 kV

LIMERICK
525.0 kV

BRANCHBG
525.3 kV

PJM-Classic
Load = 60466 14758
Loss = 1513 29856
Gen = 60812 9958
Intch = -1123

<= 500 kV line MW MVAR
<= 345 kV line MW MVAR
<= 230 kV line MW MVAR
<= 138 kV line MW MVAR
HVDC line MW MVAR
Interface Flow MW MVAR

This page is intentionally left blank

APPENDIX D

RATINGS OF MAJOR TRANSMISSION FACILITIES IN NEW YORK

This page is intentionally left blank

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
ACADEMY__138A_138B_PAR1	PAR1	138	251	312	372	325751	155
ACADEMY__138A_138B_PAR8	PAR8	138	251	312	372	325750	155
ACADEMY__345_138_TR1	TR1	345	252	316	364	325753	155
ACADEMY__345_138_TR8	TR8	345	252	316	364	325752	155
ADIRNDCK-CHASLAKE_230_13	13	230	434	478	560	325233	118
ADIRNDCK-EDIC_PTR_230_12-AP	12-AP	230	440	478	560	25082	142
ALBANY__-GREENBSH_115_1	1	115	186	208	237	25860	115
ALBANY__-GREENBSH_115_2	2	115	186	208	237	25868	115
ALBANY__-TRINITY_115_5	5	115	198	244	280	25861	89
ALBANY__-TRINITY_115_9	9	115	147	178	258	25872	95
ALCOA__-DENNISON_115_12-AD	12-AD	115	175	202	222	25227	18
ALCOA__-NOGDNBRG_115_13-ANO	13-ANO	115	128	147	159	25230	24
ALCOA_PA-ALCOA__115_R8105	R8105	115	206	247	310	25202	42
AMAWALK_-MOHANSIC_115_995 U.G.	995UG	115	78	78	80	26481	12
AMAWALK_-MOHANSIC_115_996 U.G.	996UG	115	97	97	97	26480	13
AMERISTD-GARDNVLB_115_182-3	182-3	115	129	182	236	26015	49
ANDOVER_-PALMITER_115_157_932	157_932	115	79	101	119	25094	0
ARCADE__-HOMER_HL_115_151-2	151-2	115	116	120	145	26452	20
ARSENAL_-REYNOLDS_115_31	31	115	128	147	159	26423	60
ASH_____-TEMPLE__115_9	9	115	207	233	233	26062	9
ASHLEYRD-MASONCR_115_909	909	115	155	179	193	25847	14
ASHLEYRD-PLATSBRG_115_700	700	115	174	179	220	25845	19
ASTANNEX_138A_138B_PAR1	PAR1	138	347	416	464	325848	75
ASTANNEX_345_138_TR1	TR1	345	268	335	393	325847	75
ASTANNEX-ASTORIAE_138_34091	34091	138	236	272	304	325849	75
ASTANNEX-E13THSTA_345_Q35L	Q35L	345	499	592	1476	25134	220
ASTANNEX-E13THSTA_345_Q35M	Q35M	345	499	592	1476	25142	244
ASTORIAE-ASTORIA3_138_34123	34123	138	271	311	400	25876	132
ASTORIAE-CORONA__138_34181	34181	138	174	235	368	25277	139
ASTORIAE-CORONA__138_34182	34182	138	174	235	368	25278	135
ASTORIAE-CORONA__138_34183	34183	138	174	235	368	25279	139
ASTORIAE-CORONA__138_34184	34184	138	174	235	368	25280	130
ASTORIAE-CORONA__138_34185	34185	138	174	235	368	25281	123
ASTORIAE-CORONA__138_34186	34186	138	174	235	368	25282	126
ASTORIAW-QUENBRDG_138_28241	28241	138	174	235	368	25315	121
ASTORIAW-QUENBRDG_138_28242	28242	138	174	235	368	25316	124
ASTORIAW-QUENBRDG_138_28243	28243	138	348	469	688	25317	227
ASTORIAW-QUENBRDG_138_28244	28244	138	363	525	688	25318	261
ATHENS__-PLSNTVLY_345_91	91	345	1331	1538	1724	25054	999
BAGATLRD-PILGRIM_138_564	564	138	487	543	623	325607	55
BAKER_ST-FALCONER_115_160-3	160-3	115	176	197	239	26513	5
BALLSTON-TAPBLSTN_115_302	2	115	220	252	280	325897	2
BARRETT__138A_138B_PAR	B_PAR	138	224	278	313	25590	82
BARRETT_-FREEPORT_138_459	459	138	166	264	313	26425	83
BATAVIA_-SBATAVIA_115_117	117	115	220	239	239	26017	49
BATH_____-MONTRFL_115_965	965	115	124	139	149	26163	0
BATH_____-SPENCHIL_115_723	723	115	124	139	159	325797	41

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
BATNKILL-MULTP-10_115_10	10	115	186	214	237	26121	24
BATNKILL-N.TROY__115_10	10	115	182	197	237	26474	24
BATTHILL-PYRITES__115_7-BHP	7-BHP	115	76	87	94	26065	17
BEAR SWP-ROTTTRDAM_230_E205W	E205W	230	440	505	555	25030	34
BECK NM_-SWANROAD_115_BL 104	BL 104	115	168	181	199	25042	0
BECK____-NIAGARA_230_PA27	PA27	230	400	460	558	25025	54
BECK____-NIAGARA_345_PA301	PA301	345	1070	1322	1714	25040	18
BECK____-NIAGARA_345_PA302	PA302	345	1070	1322	1714	25041	18
BECK____-PACKARD_230_BP76	BP76	230	500	587	587	25024	24
BENNETT_-MORAINES__115_725	725	115	125	152	179	325858	65
BENNETT_-SPENCHIL_115_953	953	115	124	139	159	26164	36
BERKSHIR-ALPS____345_393	393	345	1434	1649	1912	25034	17
BERKSHIR-NORTHFLD_345_312	312	345	1345	1345	1793	25366	126
BERRY_RD-BAKER_ST_115_160-2	160-2	115	193	213	240	26512	12
BETHLHEM-ALBANY__115_18-BA	18-BA	115	329	369	423	26119	91
BIGTREE_-DAVIS_RD_115_904	904	115	139	163	183	25162	5
BLACKRVR-CLIMAX__115_1-BC	1-BC	115	116	120	145	26067	38
BLACKRVR-FORTDRUM_115_2-BF	2-BF	115	116	120	145	26068	38
BLACKRVR-LIGHTHSE_115_6	6	115	116	120	145	25506	5
BLAKE____-RAINBOW__115_9 EQ	9 EQ	115	143	164	178	68471	28
BLAKE____-STARK____115_9 EQ	9 EQ	115	139	160	173	68825	14
BLISSVIL-WHITEHAL_115_K7	K7	115	187	217	229	25028	25
BLUE_CIR-PLSTVYCH_115_8-BP	8-BP	115	116	120	145	25498	64
BLUESTOR-PLSTVYCH_115_13-BP	13-BP	115	160	166	206	25505	53
BNNINGTN-HOOSICK__115_K6	K6	115	150	217	239	25029	25
BNVLMUNI-EDIC_PTR_115_2	2	115	116	120	145	325778	6
BOONVLE-BNVLMUNI_115_2	2	115	96	96	96	26073	16
BOONVLE-EDIC_PTR_115_1-BP	1-BP	115	100	100	100	26074	4
BOONVLE-ROME____115_3-BR	3-BR	115	116	120	145	26071	34
BOONVLE-ROME____115_4-BR	4-BR	115	105	114	134	26072	41
BORDRCTY-GUARDIAN_115_969	969	115	176	179	179	325283	111
BOWLINE__345_138_BK455	BK455	345	506	587	671	25664	217
BOWLINE_-WHAIVSTRW_345_67-1	67-1	345	687	747	747	25567	576
BOWLINOR-CONGERS__138_561	561	138	317	363	383	26723	178
BRIGHAM_-LUDLUM_B_115_161-2	161-2	115	168	185	206	26020	45
BRISTLHL-CLAY____115_4	4	115	106	106	106	25518	43
BRISTLHL-S.OSWEGO_115_4	4	115	104	104	104	25512	41
BROOKHVN_138_69__BK 1	BK 1	138	227	263	302	26548	107
BROOKHVN_138_69__BK 2	BK 2	138	227	263	302	325152	99
BROOKHVN-EDWARDV_138_864	864	138	308	481	555	25553	129
BROOKHVN-SILLSRD__138_874	874	138	487	543	623	325617	122
BROOKHVN-SILLSRD__138_887	887	138	390	435	498	325619	122
BROOKHVN-WILDWOOD_138_861	861	138	434	480	586	325932	89
BROWNFLS-HIGLEY__115_1-BH	1-BH	115	102	122	135	26078	31
BROWNFLS-TAYLORVL_115_3-BT	3-BT	115	102	120	129	26076	36
BROWNFLS-TAYLORVL_115_4-BT	4-BT	115	105	114	126	26077	36
BUCHAN_N_345_138_BK TA5	BK TA5	345	195	272	343	25425	102

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
BUCHAN_N-BUCHANAN_138_95891	95891	138	225	273	345	25568	102
BUCHAN_N-EASTVIEW_345_W93	W93	345	1722	1894	2404	25133	769
BUCHAN_S-MILLWOOD_345_W97	W97	345	1490	1664	1876	25146	540
BUCHAN_S-MILLWOOD_345_W98	W98	345	1490	1664	1876	25247	540
BUCHANAN-MILLWOOD_138_96951	96951	138	275	302	383	25283	14
BUCHANAN-MILLWOOD_138_96952	96952	138	275	302	383	25284	14
BULYMO_-BOONVILLE_115_6	6	115	116	120	145	325265	55
BURD_STW-ALTAMONT_115_17-BA	17-BA	115	116	120	145	26151	27
BURDECK_-VORHVSLE_115_19-BV	19-BV	115	105	114	134	26152	36
BURNS___138_69__BK 519	BK 519	138	208	258	284	25889	95
BURNS___-CORPDRIV_138_702	702	138	189	217	226	325812	116
BURNS___-N. HEMPST_138_531	531	138	236	270	285	25878	38
BURNS___-WHAVERSTOR_138_541	541	138	236	270	285	25879	114
BUTLER___-MOHICAN_115_18	18	115	116	120	145	26434	29
C._ISLIP_138_69__BK 3	BK 3	138	228	263	302	26519	138
C._ISLIP-RONKOKMA_138_883	883	138	380	538	617	26497	95
CANAL___-RIVERHEAD_138_910	910	138	227	263	302	325242	136
CANANDGA-STONYRDG_230_68	68	230	498	534	566	25176	189
CARD___-MILSTONE_345_383	383	345	1488	1912	2097	25332	97
CARMEL___-CROTONFL_115_991	991	115	215	247	275	26155	97
CARMEL___-WOODSTNY_115_992	992	115	215	247	275	325278	69
CARR_ST_-DEWITT___115_15-CD	15-CD	115	187	213	236	26093	0
CATON___-HILLSIDE_115_960	960	115	102	113	120	325290	25
CAVANARD-EDIC_PTR_115_7	7	115	116	120	145	325214	54
CEDAR___-WHITEHAL_115_6	6	115	116	120	145	26516	7
CHADWICK-E.WALDEN_115_DW-3	DW-3	115	176	211	240	26218	80
CHADWICK-WBALMVLE_115_DW-2	DW-2	115	175	193	220	26217	49
CHASLAKE-EDIC_PTR_230_11	11	230	440	505	516	25051	148
CHAT_TAP-LYON_MTN_115_911	911	115	112	131	143	325704	29
CHATGUAY-MASSENA_765_7040	7040	765	3975	3975	5300	25301	1309
CHESTROR-SUGRLOAF_138_271	271	138	236	270	285	325424	120
CHRCTWN-BLUESTOR_115_13-BC	13-BC	115	129	158	179	26685	67
CHRCTWN-CRARYVIL_115_984	984	115	113	144	173	26500	26
CHRCTWN-SCHODACK_115_14/984	14/984	115	129	166	199	26126	93
CHURCH_S-ROTTDAM_115_10-AR	10-AR	115	116	120	145	26428	24
CLAY___345_115_BK 1	BK 1	345	308	367	405	25387	172
CLAY___345_115_BK 2	BK 2	345	478	637	794	25421	258
CLAY___-DEWITT___115_3-CD	3-CD	115	116	120	139	25519	65
CLAY___-DEWITT___115_5-CD	5-CD	115	193	213	240	25522	51
CLAY___-DEWITT___345_13-CD	13-CD	345	1109	1344	1396	25168	587
CLAY___-EDIC_PTR_345_1-16	41655	345	1301	1501	1685	25200	514
CLAY___-EDIC_PTR_345_2-15	41685	345	1301	1501	1685	25169	515
CLAY___-HOPKINS_115_11-CH	11-CH	115	208	208	208	25516	119
CLAY___-INDPDNCE_345_26	26	345	1670	1931	2210	25858	860
CLAY___-SOLVAY___115_14-CG _GE	14-CG	115	116	120	145	25517	0
CLAY___-TEALLAVE_115_10-CT	10-CT	115	116	120	145	25520	76
CLAY___-WOODARD___115_17	17	115	192	192	192	25515	79

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
CLIMAX_-TAYLORVL_115_8-CT	8-CT	115	105	114	134	26431	16
CLINTON_-IMC_TAP_115_15-CI	15-CI	115	116	120	145	26128	14
CLRKSCRN_345_115_BK1	BK1	345	235	255	295	325724	32
CLRKSCRN_345_115_BK2	BK2	345	235	255	295	325725	32
CLRKSCRN-OAKDALE_345_36	36	345	1207	1327	1590	325726	785
CLYDE___115_34__TR1	TR1	115	125	143	154	25221	22
CLYDE___-STATE_ST_115_971	971	115	120	146	159	68810	2
COBBLENM-COBBLENY_115_BK 1	BK 1	115	40	41	45	25426	15
COBBLENM-HOMER_HL_115_152-2	152-2	115	116	120	145	26022	9
CODNIGTN-E. ITHACA_115_981-1	981-1	115	108	128	143	25730	33
CODNIGTN-ETNA___115_998	998	115	227	253	283	25734	71
COFFEEN_-EWATRTWN_115_5	5	115	116	119	119	325769	26
COFFEEN_-GLENPARK_115_3-CG	3-CG	115	119	119	119	26069	56
COLDENHM-ROCKTVRN_115_J	J	115	232	257	304	26420	61
COLLIERS-RICHFELD_115_929	929	115	125	152	215	26169	4
COLTON_-FLATROCK_115_2-CF	2-CF	115	114	123	142	26088	32
COLTON_-HIGLEY___115_1-HC	1-HC	115	102	122	135	26087	34
COLTON_-S.COLTON_115_9 EQ	9 EQ	115	119	119	119	68826	90
COMSTKNM-MOHICAN___115_13-MW	13-MW	115	116	120	145	26484	23
CONGERS_-SNKEHLRD_138_563	562	138	317	363	383	25887	131
COOPERNY-ROCKHILL_115_957	957	115	108	120	120	325614	38
COOPERS_345_115_BK 2	BK 2	345	220	261	300	25433	74
COOPERS_345_115_BK 3	BK 3	345	220	261	300	25434	75
COOPERS_-FERNDAL_115_950	950	115	176	179	179	26171	58
COOPERS_-MIDDLETP_345_CMT-34	CMT-34	345	1464	1793	1793	25110	707
COOPERS_-ROCKTVRN_345_CRT-42	CRT-42	345	1704	1793	1793	25111	584
CORONA___138A_138B_BK R1	B_BK R1	138	181	253	319	25621	0
CORONA___138A_138C_BK R2	C_BK R2	138	181	253	319	25622	0
CORONA_-JAMAICA_138_18001	18001	138	255	322	361	25285	0
CORONA_-JAMAICA_138_18002	18002	138	222	288	322	25286	0
CORPDRIV-HARNGCRN_138_703	703	138	189	222	250	25881	92
CORTLAND-FENERWND_115_3	3	115	125	143	154	325248	4
CORTLAND-TILDEN___115_18	18	115	176	208	236	26089	48
CORTLAND-TULLERHL_115_1	1	115	128	147	159	25059	0
CURRY_RD-WOLF_RD___115_8	8	115	116	120	145	26254	3
DANSKAMR-CHADWICK_115_DW-1	DW-1	115	176	211	259	26219	31
DANSKAMR-NCHELSEA_115_AC	AC	115	183	211	240	25829	34
DANSKAMR-NCHELSEA_115_DC	DC	115	178	199	295	25830	34
DANSKAMR-RYND_115_DR	DR	115	183	248	279	25831	44
DANSKAMR-WBALMVLE_115_DB	DB	115	124	139	159	26221	7
DAVIS_RD-STOLLERD_115_927	927	115	203	226	239	26172	24
DEERFLD_-SCOBIE___345_373	373	345	1373	1373	1373	26383	443
DEFERIET-TAYLORVL_115_2-DT	2-DT	115	102	114	134	26090	1
DELEMTER-LAKEVIEU_115_141	141	115	88	101	108	325873	18
DELEMTER-LAKEVIEU_115_142	142	115	88	101	108	325880	28
DELHI___-DELHI_TP_115_951-1	951-1	115	164	164	164	26174	50
DELHI___-GR.GORGE_115_916	916	115	90	90	90	26479	13

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
DELHI___-VINGR_TP_115_917_916	917-916	115	120	120	120	25911	21
DELHI_TP-COLLIERS_115_951-2	951-2	115	227	239	239	26203	50
DENNISON-NORFOLK___115_4-DA	4-DA	115	182	197	248	25225	8
DENNISON-ROSEMNTA_115_1-RD	1-RD	115	176	203	223	25523	0
DENNISON-ROSEMNTB_115_2-RD	2-RD	115	176	203	223	25524	0
DENNISON-SANDSTON_115_5-DS	5-DS	115	182	197	248	25226	10
DEPEW_TP-DEPEW___115_BK 1	BK 1	115	108	120	120	25428	14
DEPEW_TP-ERIE_ST_115_921	921	115	120	120	120	26010	33
DEWITT___345_115_BK 2	BK 2	345	517	658	794	25418	244
DEWITT___-TEALLAVE_115_4-DT	4-DT	115	116	120	145	26094	56
DULEY___-PATNODE___230_PND-1	PND-1	230	397	459	503	325856	98
DULEY___-PLATSBURG_230_DP-1	DP-1	230	249	277	318	25272	107
DUNKIRK___230_115_BK 31	BK 31	230	139	197	248	25386	30
DUNKIRK___230_115_BK 41	BK 41	230	133	190	248	25430	30
DUNKIRK_-BENETTNM_115_142	142	115	168	181	206	26018	2
DUNKIRK_-BERRY_RD_115_160-1	160-1	115	195	215	239	26025	40
DUNKIRK_-BRIGHAM___115_161-1	161-1	115	168	181	206	26021	48
DUNKIRK_-LUDLUM_A_115_162-1	162-1	115	168	181	206	26027	40
DUNKIRK_-SILVRCRK_115_141	141	115	88	101	108	26026	1
DUNWODIE_138_138_BK N1	BK N1	138	315	375	433	25624	64
DUNWODIE_138_138_BK N2	BK N2	138	194	293	400	25623	115
DUNWODIE_138_138_BK S1	BK S1	138	120	154	184	25626	85
DUNWODIE_138_138_BK S2	BK S2	138	120	154	184	25627	0
DUNWODIE_345_138_BK N1_W74	BKN1W74	345	411	494	554	25209	281
DUNWODIE_345_138_BK S1_W73	BKS1W73	345	310	387	424	25208	234
DUNWODIE-DUNWODIE_138_99997 TIE	99997	138	205	255	311	25532	19
DUNWODIE-E179THST_138_99153	99153	138	210	308	369	25287	85
DUNWODIE-MOTTHAVN_345_71	71	345	707	833	1298	25151	178
DUNWODIE-MOTTHAVN_345_72	72	345	707	833	1298	25191	177
DUNWODIE-SHERMCRK_138_99031	99031	138	139	187	303	25193	64
DUNWODIE-SHERMCRK_138_99032	99032	138	189	288	393	25239	115
DUNWODIE-SHORE_RD_345_Y50	Y50	345	599	862	1416	25091	595
E. ITHACA-ETNA___115_981-2	981-2	115	84	101	143	25733	78
E. SAYRE_-NWAVERLY_115_956	956	115	108	128	143	25013	54
E. TWANDA-HILLSIDE_230_70	70	230	483	531	617	25014	183
E. WALDEN_115_69_TR _3	TR _3	115	52	69	81	26681	20
E. WALDEN-COLDENHM_115_CW	CW	115	232	257	304	26225	30
E. WALDEN-MODENA___115_EM	EM	115	232	257	304	25832	7
E. WALDEN-ROCKTVRN_115_D	D	115	232	265	311	26226	77
E13THSTA_138_69_BK 111	BK 111	138	76	108	159	25526	10
E13THSTA_138_69_BK 112	BK 112	138	76	108	159	25527	10
E13THSTA_138_69_BK 113	BK 113	138	76	108	159	25528	10
E13THSTA_138_69_BK 114	BK 114	138	76	108	159	25529	10
E13THSTA_345_138_BK 10	BK 10	138	251	280	305	25467	147
E13THSTA_345_138_BK 11	BK 11	138	273	288	315	25468	105
E13THSTA_345_138_BK 12	BK 12	138	273	288	315	25463	137
E13THSTA_345_138_BK 13	BK 13	138	258	320	368	25464	113

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
E13THSTA_345_138_BK 14	BK 14	138	251	280	305	25465	104
E13THSTA_345_138_BK 15	BK 15	138	274	312	343	25466	142
E13THSTA_345_138_BK 16	BK 16	138	270	304	338	25469	144
E13THSTA-FARRAGUT_345_45	45	345	745	913	1339	25190	437
E13THSTA-FARRAGUT_345_46	46	345	760	927	1350	25251	436
E13THSTA-FARRAGUT_345_47	47	345	358	645	1011	25177	84
E13THSTA-FARRAGUT_345_48	48	345	554	740	1150	25252	8
E179THST-HELLGT_E_138_15053	15053	138	165	229	364	25289	75
E179THST-HELLGT_E_138_15054	15054	138	165	229	364	25290	75
E179THST-PARKCHTR_138_38X01	38X01	138	169	288	501	25327	24
E179THST-PARKCHTR_138_38X02	38X02	138	169	288	501	25328	24
E179THST-PARKCHTR_138_38X03	38X03	138	169	288	501	25329	3
E179THST-PARKCHTR_138_38X04	38X04	138	169	288	501	25330	3
EASTVIEW_345_138_BK 1N	BK 1N	138	370	424	424	25472	190
EASTVIEW_345_138_BK 1S	BK 1S	138	370	424	424	25373	196
EASTVIEW_345_138_BK 2N	BK 2N	138	370	424	424	25471	191
EASTVIEW_345_138_BK 2S	BK 2S	138	370	424	424	25470	190
EASTVIEW-SPRNBK_345_W64	W64	345	2296	2658	3202	25143	576
EASTVIEW-SPRNBK_345_W65	W65	345	1720	2215	2657	25144	571
EASTVIEW-SPRNBK_345_W78	W78	345	2296	2658	3202	25346	534
EASTVIEW-SPRNBK_345_W79	W79	345	1720	2215	2657	25153	531
EDIC/PTR-FRASER_345_EF24-40	EF24-40	345	1793	1793	1793	25112	786
EDIC_PTR_230_115_BK 1P	BK 1P	230	269	320	338	25389	30
EDIC_PTR_230_115_BK 2P	BK 2P	230	269	320	338	25423	30
EDIC_PTR_345_115_BK 3E	BK 3E	345	455	539	679	25424	191
EDIC_PTR_345_115_BK 4E	BK 4E	345	505	629	794	25454	191
EDIC_PTR_345_230_BK 2E	BK 2E	230	479	562	683	25422	274
EDIC_PTR-DERFIELD_115_8_26_25_23	8262523	115	116	120	127	26116	12
EDIC_PTR-FRASER_345_EF24-40	EF24-40	345	1793	1793	1793	25112	786
EDIC_PTR-N.SCTLND_345_14-EN	14-EN	345	1331	1538	1724	25170	757
EDIC_PTR-ROTTRDAM_230_30-PR	30-PR	230	440	505	560	25173	252
EDIC_PTR-ROTTRDAM_230_31-PR	31-PR	230	440	505	560	25194	252
EDIC_PTR-VALLEY_115_4-PV	4-PV	115	116	120	145	25231	77
EDIC_PTR-WATKINRD_115_5-PW	5-PW	115	116	120	145	25232	87
EDWARDV-RIVRHEAD_138_893	893	138	257	297	332	325654	105
EELPOTRD-MEYER_115_968	968	115	108	128	143	325288	38
EFISHKCH_345_115_BK 1	BK 1	345	412	497	530	25724	189
EFISHKCH_345_115_BK 2	BK 2	345	439	497	560	325845	0
EFISHKIL_345_115_BK 1	BK 1	345	412	497	530	25724	189
EFISHKIL-WOOD_ST_345_F38	F38	345	1839	2520	3202	25367	759
EFISHKIL-WOOD_ST_345_F39	F39	345	1839	2520	3202	25368	861
EGRDNCTY_138_69_BK 1	BK 1	138	227	263	302	26652	119
EGRDNCTY_345_138_BK 1	BK 1	345	444	513	641	25551	315
EGRDNCTY_345_138_BK 2	BK 2	345	444	513	641	25552	315
EGRDNCTY_345C_345A_PAR1	A_PAR1	345	444	599	787	25678	315
EGRDNCTY_345C_345B_PAR2	B_PAR2	345	444	599	787	25679	315
EGRDNCTY-CARLPLCE_138_361	361	138	257	297	332	25533	57

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
EGRDNCTY-EGRDNCTR_345_Y49_ST	Y49_ST	345	637	900	1329	325158	630
EGRDNCTY-NEWBRDGE_138_462	462	138	183	263	468	25303	49
EGRDNCTY-NEWBRDGE_138_463	463	138	200	294	418	25304	49
EGRDNCTY-NEWBRDGE_138_465	465	138	216	311	424	25535	56
EGRDNCTY-ROSLYN___138_362	362	138	257	297	332	25534	10
EKINGSTN-RHINEBCK_115_ER	ER	115	175	193	220	26222	37
ELBRIDGE_345_115_BK 1	BK 1	345	470	557	717	25448	265
ELBRIDGE-GRS_LOCK_115_19-EG	19-EG	115	116	120	145	26097	7
ELBRIDGE-GRS_LOCK_115_3-EG	3-EG	115	145	151	185	26098	12
ELBRIDGE-HYATT___115_15-EH	15-EH	115	129	148	160	25109	63
ELBRIDGE-LAFAYTTE_345_17-LE	17-LE	345	940	1517	1830	25149	525
ELBRIDGE-MILTON_C_115_18-EM	18-EM	115	129	137	137	26095	17
ELBRIDGE-STATE_ST_115_5_972	5_972	115	120	144	156	25107	89
ELM_ST_-SENECA_A_230_71	71	230	223	254	262	26426	18
ELM_ST_-SENECA_B_230_72	72	230	223	254	262	26427	18
ELWOOD___138_69_BK 3	BK3	138	108	133	156	26540	56
ENDICOTT-RANGEHL___115_920	920	115	149	149	149	26158	23
ENDICOTT-ROBBLEAV_115_948	948	115	249	254	254	26159	54
ENORWICH-JENNISON_115_946	946	115	80	110	131	25729	14
ERIE SO.-S.RIPLEY_230_69	69	230	488	607	637	25016	153
ERIE_ST_-PAVNMTRD_115_926	926	115	215	240	269	26175	2
ERIEEAST-S.RIPLEY_230_69	69	230	488	607	637	25016	153
ETNA___-CLRKSCRN_115_715	715	115	242	255	295	325728	32
ETNA___-CLRKSCRN_115_947	947	115	242	255	295	325727	32
ETNA___-WILLET___115_945-2	945-2	115	125	149	156	25731	91
FAIRFIEL_-INGHAM_C_115_3	3	115	116	120	145	26106	55
FAIRPRTA-HOOK_TAP_115_1-FH	1-FH	115	145	151	185	26327	25
FAIRPRTB-ELBRIDGE_115_2-FE	2-FE	115	129	144	158	26099	15
FALCONER-SALAMANC_115_153	153	115	128	147	159	26033	1
FALCONER-SALAMANC_115_154	154	115	128	147	159	26032	8
FARMGTN___115_12_BK 3	BK 3	115	15	25	35	325380	5
FARMGTN___115_34_BK 1	BK 1	115	57	68	95	70259	39
FARMGTN___115_34_BK 2	BK 2	115	57	68	95	70258	28
FARMGTN_-BORDRCTY_115_977	977	115	150	177	193	25057	102
FARMGTN_-HAMLTNNM_115_7-HF	7-HF	115	145	151	185	26101	31
FARRAGUT_345A_138C_BK 9X	BK 9X	345	110	155	195	25636	66
FARRAGUT_345A_138D_BK 10X	BK 10X	345	110	155	195	25637	68
FARRAGUT_345B_345A_TR11	TR11	345	497	705	930	25044	333
FARRAGUT_345C_345A_TR12	TR12	345	503	699	930	25043	333
FARRAGUT-GOWANUS_345_41	41	345	630	829	1301	25141	564
FARRAGUT-GOWANUS_345_42	42	345	630	829	1301	25140	564
FARRAGUT-HUDS_AVE_138_32077	32077	138	106	106	106	25291	68
FARRAGUT-HUDS_AVE_138_32078	32078	138	114	169	194	25292	68
FARRAGUT-HUDS_AVE_138_32711	32711	138	148	148	148	25293	66
FENERWND-ONEIDA___115_8	8	115	146	157	159	25894	13
FERNDAL- WWD BURNE_115_959	959	115	90	90	90	26180	19
FEURABSH-GREENBSH_115_17	17	115	254	292	333	25862	30

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
FEURABSH-NCATSKLL_115_2-FN	2-FN	115	116	120	145	25067	0
FISHKPLN-EFISHKIL_115_HF	HF	115	198	230	260	26227	86
FISHKPLN-SYLVANLK_115_FP	FP	115	233	253	312	25066	106
FITZPTRK-EDIC_PTR_345_FE1	FE1	345	1434	1434	1661	25077	750
FIVE_FLS-RAINBOW_115_9 EQ	9 EQ	115	143	164	178	68830	50
FLATROCK-BROWNFLS_115_2-FBF	2-FBF	115	102	122	135	26079	34
FLATSTR_-EELPOTRD_115_968	968	115	108	128	143	325287	23
FORGEBRK-MERTPARK_115_WF	WF	115	194	214	240	26229	4
FORTDRUM-DEFERIET_115_2-FD	2-FD	115	116	120	145	26091	6
FOXHILLS-WILLWBRK_138_29211-1	29211-1	138	182	262	439	25771	119
FOXHILLS-WILLWBRK_138_29212-1	29212-1	138	182	262	439	25772	132
FRASER___345_115_BK 2	BK 2	345	305	386	420	25391	101
FRASER___-COOPERS___345_33	33	345	1207	1404	1703	25236	739
FRASER___-GILBOA___345_GF5-35	GF5-35	345	1428	1605	1793	25060	260
FRASERNY-DELHI_TP_115_951-3	951-3	115	227	239	239	26202	100
FREEPORT-NEWBRDGE_138_461	461	138	201	272	464	25155	119
FRESHKLS_138C_138A_R1 _ 21191	21191	138	275	387	486	25639	225
FRESHKLS_138C_138B_R2 _ 21192	21192	138	272	372	439	25640	224
FRESHKLS_345_138_TA 1	TA 1	138	275	387	486	25457	225
FRESHKLS_345_138_TB 1	TB 1	138	272	372	440	25458	225
FRONT_ST-ROSA_RD_115_11	11	115	200	239	239	26274	91
FROST_BR-LONG_MTN_345_352	352	345	1240	1240	1425	25363	158
FROST_BR-SOUTHNGT_345_329	329	345	1240	1446	1601	25364	417
FTZPK_NM-LIGHTHSE_115_3-FLH	3-FLH	115	116	119	145	25502	22
GARDNVLA_230_1___BK6P	BK6P	230	304	387	420	25405	108
GARDNVLA_230_1___BK7P	BK7P	230	202	253	300	25435	91
GARDNVLA-BIGTREE_115_903	903	115	139	163	183	325284	65
GARDNVLA-GIRDLERD_115_705	705	115	215	239	239	25116	26
GARDNVLA-STOLLERD_230_66	66	230	474	478	478	25180	10
GARDNVLB_230_115_BK 2	BK 2	230	258	280	354	25385	112
GARDNVLB_230_115_BK 3	BK 3	230	141	182	250	25416	77
GARDNVLB_230_115_BK 4	BK 4	230	141	183	250	25417	77
GARDNVLB-ARCADE___115_151	151	115	129	148	160	26040	33
GARDNVLB-BETHWEST_115_149	149	115	200	217	260	325317	18
GARDNVLB-BETHWEST_115_150	150	115	200	217	260	325318	7
GARDNVLB-CLVRBANK_115_141	141	115	88	101	108	26038	34
GARDNVLB-CLVRBANK_115_142	142	115	88	101	108	26037	34
GARDNVLB-COBLENM_115_152-1	152-1	115	187	199	199	26023	41
GARDNVLB-DUNKIRK___230_73	73	230	556	584	584	25166	107
GARDNVLB-DUNKIRK___230_74	74	230	505	505	505	25197	108
GARDNVLB-GARDNVLA_115_GARD-NY	GARD_NY	115	550	682	947	25085	13
GARDNVLB-GARDNVLA_230_T8-12	T8-12	230	663	739	773	25089	209
GARDNVLB-WALDEN___115_54-1	54-1	115	129	181	206	26035	19
GE_R_D___-GROOMS___115_20_15	20_15	115	200	217	260	26266	42
GILBOA___-LEEDS___345_GL3	GL3	345	1428	1605	1971	25219	485
GILBOA___-N.SCTLND_345_GNS1	GNS1	345	1428	1605	1868	25052	47
GINNA___-PANNELRG_115_912	912	115	207	247	285	25260	34

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
GINNA___-S124_____115_913	913	115	251	301	392	26281	151
GINNA___-STA_135__115_909	909	115	226	249	269	325837	75
GINNA___-STA_135__115_937	937	115	226	249	269	325838	75
GINNA___-STA_204__115_908-1	908-1	115	252	302	355	26282	79
GINNA___-STA_204__115_911	911	115	251	300	354	26283	167
GIRDLERD-STOLLERD_115_706	706	115	203	226	239	325161	10
GLENWD___138_69__BK 5	BK 5	138	112	138	156	25735	94
GLENWD___138_69__BK 6	BK 6	138	112	138	156	70637	93
GLENWD___-CARLPLCE_138_363	363	138	291	321	372	25554	22
GLENWD___-GLENWDGT_138_366	366	138	291	321	372	25555	47
GLENWDGT-ROSLYN___138_364	364	138	291	321	372	25556	38
GOETHLSS-FRESHKLS_345_21	21	345	919	1006	1286	25138	69
GOETHLSS-LINDN_CG_345_G23L	G23L	345	643	643	643	26000	371
GOETHLSS-LINDN_CG_345_G23M	G23M	345	643	643	643	325203	371
GOETHSLN_345/230_BK 1	BK 1	345	528	727	817	25642	333
GOETHSLN_345A_345B_BK 1N	BK 1N	345	499	699	880	25641	333
GOETHSLN-FRESHKLS_345_22	22	345	981	1390	1602	25137	69
GOLAH___-MORTIMER_115_110	110	115	130	136	159	26034	54
GOUDEY___-ROBBLEAV_115_940	940	115	238	277	305	325166	38
GOUVNEUR-BATTHILL_115_8-GBH	8-GBH	115	76	87	94	26066	12
GOWANUS___138A_138B_PAR R14	PAR R14	138	238	276	328	25794	170
GOWANUS___138A_138B_PAR R2	PAR R2	138	238	276	328	25793	100
GOWANUS___345_138_BK T14	BK T14	138	238	276	328	25475	170
GOWANUS___345_138_BK T2	BK T2	138	238	276	328	25476	100
GOWANUS_-GOETHLSS_345_26	26	345	492	702	1211	25571	469
GOWANUS_-GOETHSLN_345_25	25	345	492	702	1211	25139	469
GOWANUS_-GREENWD___138_42231	42231	138	254	372	516	25214	100
GOWANUS_-GREENWD___138_42232	42232	138	254	372	516	25215	170
GOWANUSA-GREENWD___138_42G24	42G24	138	244	268	268	26007	142
GOWANUSC-GREENWD___138_42G13	42G13	138	239	268	268	26006	197
GOWANUSN_345KV_REA_R41_REACTR	R41_REA	345	687	896	1315	26001	564
GOWANUSS_345KV_REA_R42_REACTR	R42_REA	345	687	896	1315	26003	564
GR.GORGE-VINGR_TP_115_916 N.O.	916 N.O	115	125	152	193	26478	0
GREENBSH-FT._ORAN_115_15	15	115	129	159	159	26130	54
GREENBSH-STEPHTWN_115_993	993	115	116	120	145	26447	19
GREENDGE-FLATSTR___115_968	968	115	108	128	143	26185	6
GREENDGE-MONTRFL___115_967	967	115	108	128	143	26184	25
GREENDGE-MONTRFL___115_970	970	115	124	139	159	26183	31
GREENLWN_138_69__BK5	BK5	138	108	133	156	26655	45
GREENLWN-ELWOOD___138_673	673	138	394	466	568	25546	91
GREENLWN-SYOSSET___138_676	676	138	269	358	541	25548	20
GREENWD_-FOXHILLS_138_29231	29231	138	174	235	368	25321	47
GREENWD_-FOXHILLS_138_29232	29232	138	174	235	368	25322	35
GRND_ISL-AMERISTD_115_182-2	182-2	115	168	185	206	26014	50
GROOMS___-JOHNSON_115_13	13	115	220	252	280	26267	32
GRS_LOCK-S.OSWEGO_115_9-GS	9-GS	115	142	151	185	25510	77
GRS_LOCK-TILDEN___115_16-GT	16-GT	115	116	120	145	26102	0

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
GUARDIAN-HALEYRD__115_969	969	115	176	179	179	26167	105
HALEYRD_-GREENDGE_115_969	969	115	176	179	179	325294	83
HAMLTNNM-ELBRIDGE_115_7-HE	7-HE	115	155	179	193	26096	42
HAMLTNNM-HAMLTNNY_115_BK1	BK 1	115	30	37	56	25394	11
HANCOCK_-HAZEL____115_955-1	955-1	115	102	113	120	26187	0
HARSNRAD-ROBNSNRD_115_907	907	115	215	247	275	26162	53
HAUPPAUG-C._ISLIP_138_889	889	138	207	299	420	25681	76
HAZEL____-FERNDAL_115_955-2	955-2	115	102	113	120	26181	11
HDSNBRDG-DEWITT__115_10	10	115	207	233	233	325260	80
HDSNBRDG-DEWITT__115_7	7	115	237	274	318	325261	53
HELLGATE-ASTORIAW_138_24053	24053	138	140	186	186	25212	136
HELLGATE-ASTORIAW_138_24054	24054	138	140	186	186	25213	136
HELLGT_E-ASTORIAE_138_34051	34051	138	174	235	368	25323	5
HELLGT_E-ASTORIAE_138_34052	34052	138	174	235	368	25324	5
HELLGT_W-ASTORIAW_138_24051	24051	138	160	250	436	25210	23
HELLGT_W-ASTORIAW_138_24052	24052	138	160	250	436	25211	28
HICKLING_115_13__B1-22	B1-22	115	36	9997	9998	69342	19
HICKLING_115_13__B2-22	B2-22	115	47	9997	9998	69344	24
HICKLING-CATON____115_958	958	115	102	113	120	26189	5
HICKLING-RIDGE_RD_115_964	964	115	96	124	147	26188	15
HILLBURN_138_69__BK 317	BK 317	138	187	230	265	26330	104
HILLBURN-RAMAPOOR_138_52	52	138	187	230	265	25882	104
HILLSIDE_115_1_BK3S	BK3S	230	254	304	336	325761	85
HILLSIDE_115_1_BK4S	BK4S	230	410	511	630	325762	47
HILLSIDE_230_1_BK3P	BK3P	230	254	304	336	325759	86
HILLSIDE_230_1_BK4P	BK4P	230	410	511	630	325760	68
HILLSIDE-CHEMUNG__115_962	962	115	150	176	179	25726	78
HILLSIDE-WATRCURE_230_69	69	230	550	637	657	25181	246
HINMAN__-HARSNRAD_115_908	908	115	238	287	306	26161	173
HISHELDN-STONCREK_230_81	81	230	417	479	533	325622	247
HOLBROOK-NSHORBCH_138_884	884	138	328	379	434	25341	15
HOLBROOK-SILLSRD_138_872	872	138	434	480	586	25340	28
HOLBROOK-WEST BUS_138_888	888	138	732	809	960	25542	320
HOLTSVLE-UNIONAVE_138_818	818	138	172	224	362	25584	0
HOLTSVLE-WEST BUS_138_876	876	138	292	326	374	325974	217
HOLTSVLE-WEST BUS_138_877	877	138	732	809	960	325909	0
HOMER C_-STOLLERD_345_37	37	345	605	757	840	25036	114
HOMER C_-WATRCURE_345_30	30	345	926	927	927	25018	316
HOMER_HL-NILE____115_157-1	157-1	115	88	101	108	26041	26
HOOK_TAP-FARMGTN__115_7-HF	7-HF	115	145	151	185	26100	3
HOPATCON-RAMAPO__500_5018	5018	345	999	1301	1713	25019	0
HOPKINS_-TEALLAVE_115_11-HT	11-HT	115	221	239	239	26105	84
HUDS_AVE-JAMAICA_138_701	701	138	147	221	360	25294	28
HUDS_AVE-JAMAICA_138_702	702	138	147	221	360	25295	28
HUDSON__-PLSTVYCH_115_12-HP	12-HP	115	129	158	159	25499	59
HUDSON__-VALKIN____115_15	15	115	124	138	159	26514	94
HUDSONP_-FARRAGUT_345_B3402	B3402	345	508	684	931	25020	333

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
HUDSONP_-FARRAGUT_345_C3403	C3403	345	508	741	931	25038	333
HUNTLEY_-ELM_ST__230_70	70	230	432	477	491	25855	59
HUNTLEY_-SAWYER__230_79	79	230	566	654	755	25127	379
HUNTLEY_-SAWYER__230_80	80	230	566	654	755	25128	432
HUNTLEY_-ST_60_36_115_36-1	36-1	115	168	181	199	26046	26
HUNTLEY_-ST_60_37_115_37-1	37-1	115	148	148	148	26045	25
HUNTLEY_-STA_129_115_39-1	39-1	115	145	151	185	26044	62
HUNTLEY_-STA_154_115_38-1	38-1	115	145	151	185	26047	63
HURLYAVE_345/115_BK 1	BK 1	345	419	481	488	25419	230
HURLYAVE-BOULEVRD_69_I	I	69	62	73	82	26213	19
HURLYAVE-LINCNP RK_115_HP	HP	115	198	230	260	25833	92
HURLYAVE-OHIOVLE_115_OR	OR	115	129	183	211	25834	78
HURLYAVE-ROSETON_345_303	303	345	1396	1623	1870	25218	468
HYATT_-BORDRCTY_115_979	979	115	129	148	160	25106	41
IMC_TAP_-MECO____115_15-IM	15-IM	115	125	143	154	26132	21
INDCORTH-SPIERFLS_115_18	18	115	278	321	368	26149	127
INDK-OSW-LIGHTHSE_115_2-ILH	2-ILH	115	114	120	142	25503	12
INDN_PT3-BUCHAN_S_345_W96	W96	345	1574	1762	1991	25570	1039
INDPDNCE-SCRIBA__345_25	25	345	1670	1931	2210	25859	23
INGHAM_C_115_115_PAR 2	PAR 2	115	167	197	239	25242	120
INGHAM_C-INGHAM_E_115_R81	R81	115	182	197	239	25243	0
INGHAM_E-ESPRGFLD_115_7	7	115	80	106	131	25061	21
INGHAM_E-IMC_TAP__115_15-II	15-II	115	105	114	134	25871	36
INGHAM_E-STJHNVLE_115_6-IS	6-IS	115	86	90	107	26133	35
INGHAM_E-STONER__115_9-IS	9-IS	115	105	114	134	25863	34
IP_CRNTH-SPIERFLS_115_9-IPS	9-IPS	115	105	114	134	26118	40
JAMAICA_-LAKSUCSS_138_903	903	138	238	328	428	25090	164
JAMAICA_-VALLYSTR_138_901 L_M	901 L_M	138	272	361	441	25048	123
JENNISON-DELHI__115_949	949	115	80	110	120	26173	25
JENNISON-HANCOCK_115_954	954	115	102	113	120	26186	32
JENNISON-KATTLVLE_115_943	943	115	110	139	159	25898	63
JOHNSON_-MAPLEWOD_115_12	12	115	220	239	239	26268	63
KATONAH_-AMAWALK__115_995	995	115	215	247	275	325279	38
KATONAH_-CROTONFL_115_991	991	115	215	247	275	26157	34
KENTAVE_-GREENWD__138_31232-2	31231-2	138	174	226	247	25299	87
KENTS_FL-SARANAC__115_1-KS	1-KS	115	125	152	183	26206	1
KENTS_FL-SCOTAFLT_115_913	913	115	120	120	120	26207	18
KINTIGH_-ROCHESTR_345_SR-1	SR-1	345	1301	1501	1685	25073	577
KNAPPCRN-SANDDOCK_115_KB_KC	KB_KC	115	198	226	260	26240	38
KNAPPCRN-SPACKILL_115_SK	SK	115	198	226	260	325777	75
LADENTWN-BOWLINE__345_68	68	345	687	747	747	25249	50
LADENTWN-BUCHAN_S_345_Y88	Y88	345	1703	1894	2404	25185	42
LADENTWN-WHAVSTRW_345_67-2	67-2	345	1720	2215	2657	25248	280
LAFAYTTE-CLRKSCRN_345_4-46	16893	345	1207	1327	1479	25049	854
LAFAYTTE-DEWITT__345_22-DL	22-DL	345	1164	1164	1164	25174	341
LAKEVIEU-CLVRBANK_115_142	142	115	88	101	108	325881	28
LAKSUCSS_138A_138B_PAR	B_PAR	138	321	399	450	25593	165

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
LANGDON_-NORTHSDE_115_936	936	115	176	196	225	26160	55
LAUREL L-GOUDEY__115_952	952	115	108	128	143	25012	74
LEEDS___-ATHENS___345_95	95	345	1331	1538	1724	25789	219
LEEDS___-HURLYAVE_345_301	301	345	1396	1623	1870	25055	698
LEEDS___-PLSNTVLY_345_92	92	345	1331	1538	1724	25056	1011
LIGHTHSE-CLAY_____115_7-CL	7-CL	115	108	108	108	25521	0
LIGHTHSE-EWATRTWN_115_5	5	115	116	119	119	25504	9
LINCNPRK-EKINGSTN_115_LR	LR	115	194	214	240	26223	49
LINDENP_-GOETHSLN_230_A2253	A2253	230	541	715	845	25017	334
LOCKPORT-HINMAN___115_100	100	115	220	252	280	25087	137
LOCKPORT-N.AKRN_1_115_108-2	108-2	115	130	136	165	25266	54
LOCKPORT-OAKFIELD_115_112-1	112-1	115	131	144	158	25300	58
LOCKPORT-SWEDEN_A_115_111-1	111-1	115	199	199	199	25262	62
LOCKPORT-SWEDEN_B_115_113-1	113-1	115	143	165	180	25263	65
LOCKPORT-TELGRAPH_115_107-1	107-1	115	220	252	280	25265	75
LOCKPORT-TELGRAPH_115_114-1	114-1	115	143	165	180	25264	70
LOCUSTGR-NEWBRDGE_138_558	558	138	359	466	568	25158	291
LONG_MTN-PLSNTVLY_345_398	398	345	1135	1313	1596	25033	43
LONG_MTN-PLUM TRE_345_321	321	345	1434	1649	1936	25720	201
ONGLANE-BLUE_CIR_115_6-BS	6-BS	115	116	120	145	25864	104
LOVETT___138_69__BK 147	BK 147	138	94	130	149	26331	40
LOVETT___-BOWLINOR_138_56	56	138	234	267	281	25877	38
LOWVILLE-BOONVLE_115_5-LB	5-LB	115	105	114	134	26075	47
LUDLOW___-CARP HL_345_301	301	345	1240	1416	1489	25722	104
LUDLOW___-NORTHFLD_345_354	354	345	1434	1649	1936	25713	600
LUDLUM_A-FALCONER_115_162-2	162-2	115	88	101	108	26031	29
LUDLUM_B-FALCONER_115_161-3	161-3	115	88	101	108	26030	0
LUTHERFT-MALTA___115_1	1	115	197	256	287	325889	84
LUTHERFT-MALTA___115_302	2	115	197	256	287	325890	34
LUTHERFT-MULBRYNM_115_3	3	115	186	214	237	26477	2
LUTHERFT-MULBRYNM_115_308	308	115	186	214	237	325742	26
LYON_MTN-KNTFSRNC_115_911	911	115	112	131	143	26205	28
MALONE___-NICHVLE_115_3-NM	3-NM	115	129	163	183	25585	25
MALONE___-WILLIS___115_1-MW	1-MW	115	129	159	175	25586	36
MALTA___-TAPBLSTN_115_1	1	115	220	252	280	325891	84
MALTA___-TAPBLSTN_115_302	302	115	220	252	280	325892	14
MANCHSTR-SPACKILL_115_MC	MC	115	198	226	260	325776	75
MAPLEWOD-ARSENAL_115_15	15	115	129	176	224	25844	52
MAPLEWOD-MENANDS_115_19-MM	19-MM	115	128	147	159	25870	53
MARCY___765_345_BK 1	BK 1	765	1488	1650	1756	25455	687
MARCY___765_345_BK 2	BK 2	765	1488	1650	1971	25456	601
MARCY___-COOPERS_345_UC2-41	UC2-41	345	1345	1345	1434	25113	706
MARCY___-EDIC_PTR_345_UE1-7	UE1-7	345	1677	1953	2322	25229	445
MARCY___-N.SCTLND_345_18	18	345	1488	1650	1971	25276	840
MARSHVLE-CLINTON_115_12	12	115	125	143	154	325267	4
MASSENA___765_230_BK 1	BK 1	765	936	1151	1348	25665	13
MASSENA___765_230_BK 2	BK 2	765	936	1151	1348	25666	0

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
MASSENA_-MARCY____765_MSU1	MSU1	765	3975	3975	5300	25224	1288
MCAD00_-BATTHILL_115_6-MBH	6-MBH	115	76	87	94	26064	1
MCINTYRE-COLTON____115_8-MC	8-MC	115	76	87	94	25514	13
MCINTYRE-MCAD00____115_6	6	115	128	147	159	26108	12
MCKNOWNV-NEWKRMKL_115_8	8	115	248	277	317	26499	108
MECO____-CHURCH_S_115_10-AM	10-AM	115	125	143	154	26120	0
MENANDS_-REYNOLDS_115_2-MR	2-MR	115	217	250	280	26135	100
MENANDS_-RIVERSDE_115_3-MR	3-MR	115	185	201	239	26134	77
MERTPARK-WICCOPEE_115_WP	WP	115	194	214	240	325772	25
MEYER____115_1____BK4S	BK4S	230	235	286	336	325766	74
MEYER____230_1____BK4P	BK4P	230	235	286	336	325765	85
MEYER____-CANANDGA_230_60	60	230	483	556	634	325604	177
MEYER____-MORAINE_115_966	966	115	125	152	191	26166	79
MIDDLEOR-SHOEMAKR_138_29	29	138	506	587	671	26468	405
MIDDLETP_345_138_BK_114	BK114	345	506	587	671	26465	406
MIDDLETP-ROCKTVRN_345_MTR-34	MTR-34	345	1704	1852	2362	26464	296
MIDDLTWN-SCOV_RCK_345_384	384	345	717	1004	1219	26389	490
MILAN____-PLSTVYCH_115_10	10	115	124	139	159	26433	22
MILAN____-RHINEBCK_115_MR	MR	115	175	193	220	26242	7
MILLBURY-CARP_HL____345_302	302	345	1313	1405	1494	25721	110
MILLERPL-HOLBROOK_138_885	885	138	434	480	586	26691	1
MILLIKEN-ETNA____115_974	974	115	185	224	255	26177	119
MILLIKEN-ETNA____115_975	975	115	185	224	255	26178	129
MILLWOOD_345_138_TA_1	TA_1	138	216	307	346	25530	69
MILLWOOD_345_138_TA_2	TA_2	138	205	297	321	25531	58
MILLWOOD-EASTVIEW_345_W82	W82	345	2296	2658	3202	25147	761
MILLWOOD-EASTVIEW_345_W85	W85	345	2296	2658	3202	25258	724
MILLWOOD-EASTVIEW_345_W99	W99	345	2296	2658	3202	25255	727
MILTON_C-GRS_LOCK_115_18-MG	18-MG	115	129	148	160	26104	15
MNCHESTR-CARD____345_368	368	345	1240	1446	1888	25710	520
MNCHESTR-MILSTONE_345_310	310	345	1488	1912	2097	25336	342
MNCHESTR-NO.BLOOM_345_3642	3642	345	956	956	956	26399	17
MNCHESTR-SCOV_RCK_345_353	353	345	1240	1604	2097	25714	537
MNTNDALE-WWDBURNY_115_957	957	115	108	120	120	325616	25
MODENA____115_69____BK1	BK1	115	33	41	53	26325	6
MODENA____-OHIOVLE_115_PX	PX	115	232	253	304	25835	15
MOHICAN_-BATNKILL_115_15	15	115	105	114	134	26122	15
MOHICAN_-MULBRYNM_115_3	3	115	186	214	237	26687	4
MONSEY_-BURNS____138_601	601	138	425	451	475	325608	119
MONTRFL_-CODNIGTN_115_982	982	115	108	128	144	25728	51
MONTRFL_-RIDGE_RD_115_963-2	963-2	115	108	127	133	26196	40
MONTRFL_-RIDGE_RD_115_978-2	978-2	115	108	128	145	26197	41
MONTVILL-MILSTONE_345_371	371	345	1488	1912	2097	25334	747
MORTIMER-FAIRPRTA_115_1-FM	1-FM	115	129	151	185	25163	56
MORTIMER-FAIRPRTB_115_2-FM	2-FM	115	129	144	158	25240	33
MORTIMER-PITSFRDB_115_24-1	41663	115	129	148	160	25096	1
MORTIMER-PITSFRDC_115_25-1	41664	115	114	123	142	25095	29

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
MOSES___230_115_BK 1	BK 1	230	401	490	646	25411	26
MOSES___230_115_BK 2	BK 2	230	401	490	646	25451	25
MOSES___230_115_BK 3	BK 3	230	192	240	287	25452	10
MOSES___230_115_BK 4	BK 4	230	537	598	773	25453	26
MOSES___-ADIRNDCK_230_MA1	MA1	230	348	386	440	25269	131
MOSES___-ADIRNDCK_230_MA2	MA2	230	348	386	440	25270	131
MOSES___-ALCOA_N._115_MAL4	MAL4	115	218	253	291	25582	98
MOSES___-ALCOA_N._115_MAL6	MAL6	115	218	253	291	25581	96
MOSES___-ALCOA_S._115_MAL5	MAL5	115	238	275	310	25583	91
MOSES___-MASSENA_230_MMS1	MMS1	230	936	1151	1348	25274	13
MOSES___-MASSENA_230_MMS2	MMS2	230	936	1151	1348	25275	0
MOSES___-MED_ENGS_115_MRG1	MRG1	115	145	145	157	26328	27
MOSES___-MED-ENGs_115_MRG2	MRG2	115	145	145	157	26335	7
MOSES___-REYNLDPA_115_MR3	MR3	115	145	145	157	26332	0
MOSES___-WILLIS___230_MW1	MW1	230	349	386	440	25188	116
MOSES___-WILLIS___230_MW2	MW2	230	349	386	440	25271	115
MOSHIER_-TAYLORVL_115_7-MT	7-MT	115	49	49	49	26109	18
MOTTHAVN-RAINEY___345_Q11	Q11	345	707	833	1298	325430	19
MOTTHAVN-RAINEY___345_Q12	Q12	345	707	833	1298	325431	16
MOUNTAIN-SWANROAD_115_103-2	103-2	115	176	211	240	26054	122
MULBRYNM-N.TROY___115_308	308	115	186	214	237	26475	64
MULTP-10-MULBRYNM_115_986	986	115	91	97	100	26476	38
N._SALEM-BATNKILL_115_989	989	115	40	50	57	26448	5
N.AKRN_1-BATAVIA___115_107-3	107-3	115	159	159	159	25124	23
N.AKRN_1-BATAVIA___115_108-1	108-1	115	125	136	154	25125	35
N.END___115_46_BK 1	BK 1	115	61	61	69	25849	36
N.END___-ASHLEYRD_115_702	702	115	287	333	388	25846	5
N.END___-PLATSBRG_115_701	701	115	239	239	239	25848	31
N. HEMPST-WHAVSTOR_138_530	530	138	236	270	285	26506	101
N.SCTLND_345_115_BK 1	BK 1	345	458	570	731	25445	119
N.SCTLND_345_115_BK 2	BK 2	345	510	690	794	25460	113
N.SCTLND-ALBANY___115_8-NA	8-NA	115	278	321	368	25496	23
N.SCTLND-ALPS____345_2-AN	2-AN	345	1204	1326	1685	25217	188
N.SCTLND-ALTAMONT_115_20-NV	20-NV	115	116	120	145	25492	59
N.SCTLND-BETHLHEM_115_4-NB	4-NB	115	254	294	319	25497	15
N.SCTLND-FEURABSH_115_3-NF	3-NF	115	254	292	333	25495	2
N.SCTLND-LEEDS___345_93-LN	93-LN	345	1331	1538	1724	25171	736
N.SCTLND-LEEDS___345_94-LN	94-LN	345	1331	1538	1724	25203	732
N.SCTLND-OWENSCRN_115_7	7	115	116	120	145	25491	78
N.SCTLND-OWENSCRN_115_9	9	115	116	120	145	25490	11
N.SCTLND-ROTTDAM_115_13-NR	13-NR	115	241	265	333	25494	36
N.SCTLND-VORHVSLE_115_19-NV	19-NV	115	116	120	145	25493	37
N.TROY___-REYNOLDS_115_16-NR	16-NR	115	182	197	237	26139	92
N.TROY___-WYNTKLN_115_14-NW	14-NW	115	129	182	237	26137	71
NANGOLA_-DELEMTER_115_141	141	115	88	101	108	325872	18
NANGOLA_-DELEMTER_115_142	142	115	88	101	108	325879	13
NANGOLA_-SILVRCK_115_141	141	115	88	101	108	325871	6

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
NBRDWYNM-ERIE_ST__115_922	922	115	124	139	159	26011	44
NCATSKLL_115_69__TR 4	TR 4	115	48	60	74	25839	20
NCATSKLL_115_69__TR 5	TR 5	115	44	55	73	25818	20
NCATSKLL-MILAN____115_T7	T7	115	129	183	212	26243	19
NCHELSEA_115/69__BK TR1	BK TR1	115	33	41	53	25836	9
NCHELSEA-FISHKPLN_115_NF	NF	115	183	248	279	26228	2
NCHELSEA-FORGEBRK_115_F0	F0	115	176	211	240	26230	44
NEWBRDGE_345_138_BK_1	BK 1	345	375	375	375	325301	331
NEWBRDGE_345_138_BK_2	BK 2	345	375	375	375	325302	331
NEWBRDGE-BAGATLRD_138_563	563	138	377	538	617	25536	19
NEWBRDGE-EGRDNCTY_138_467	467	138	282	422	474	325378	47
NEWBRDGE-RULAND____138_561	561	138	257	297	332	25305	74
NEWBRDGE-RULAND____138_562	562	138	257	297	332	25306	74
NEWBRDGE-RULAND____138_567	567	138	279	422	473	325379	70
NEWKRMKL-ALBANY____115_7	7	115	275	303	354	325257	129
NIAGARA__230_115_BK T1	BK T1	230	192	239	288	25409	79
NIAGARA__230_115_BK T2	BK T2	230	249	359	424	25410	26
NIAGARA__345_230_BK 3	BK 3	345	384	479	575	25408	72
NIAGARA__345_230_BK 5	BK 5	345	384	479	575	25450	72
NIAGARA_-GARDNVLB_115_180	180	115	160	166	206	25104	116
NIAGARA_-KINTIGH_345_NS1-38	NS1-38	345	1301	1501	1685	25074	101
NIAGARA_-LOCKPORT_115_101	101	115	233	253	318	25267	127
NIAGARA_-MOUNTAIN_115_120	120	115	176	211	258	25135	122
NIAGARA_-PACKARD__115_191	191	115	248	275	328	25075	161
NIAGARA_-PACKARD__115_192	192	115	248	275	328	25099	169
NIAGARA_-PACKARD__115_193	193	115	273	301	352	25100	146
NIAGARA_-PACKARD__115_194	194	115	273	301	352	25101	146
NIAGARA_-PACKARD__115_195	195	115	273	301	352	25102	164
NIAGARA_-PACKARD__230_61	61	230	620	717	841	25186	334
NIAGARA_-PACKARD__230_62	62	230	620	717	841	25220	328
NIAGARA_-ROBNSNRD_230_64	64	230	496	550	657	25088	307
NIAGARA_-ROCHESTR_345_NR2	NR2	345	1301	1501	1685	25084	421
NIAGARA_-SANDBORN_115_102-2	102-2	115	248	275	328	25103	124
NIAGBLVD-NBRDWYNM_115_181-2	181-2	115	160	166	206	26057	111
NICHLVLE-PARISHVL_115_3-PN	3-PN	115	128	147	159	26110	32
NILE____-ANDOVER__115_157-2	157-2	115	117	126	147	26016	11
NINEMILE-CLAY____345_8-NC	8-NC	345	1032	1271	1315	25167	689
NINEMILE-FTZPK_NM_115_4-NF	4-NF	115	119	119	159	25500	22
NINEMILE-SCRIBA____345_9-NS	9-NS	345	1032	1284	1562	25359	68
NOGDNBRG-MCINTYRE_115_9-NOM	9-NOM	115	159	159	159	26080	17
NORFOLK_-SANDSTON_115_4-NS	4-NS	115	220	252	280	26111	11
NORTHFLD-VRNON VT_345_381	381	345	1195	1195	1323	25707	189
NRTH1385-NOR HBR__138_601	601	138	147	182	409	325597	33
NRTH1385-NOR HBR__138_602	602	138	147	182	409	325598	33
NRTH1385-NOR HBR__138_603	603	138	147	182	409	325599	33
NRTH1385-NRTHPORT_138_1385	1385	138	428	513	513	25035	0
NRTHPORT_138_138_PS2	138_PS2	138	406	505	570	25599	183

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
NRTHPORT_138N_138E_PAR 1	E_PAR 1	138	428	513	641	25598	99
NRTHPORT-ELWOOD___138_678	678	138	352	504	604	25543	111
NRTHPORT-ELWOOD___138_681	681	138	352	504	604	25544	115
NRTHPORT-PILGRIM___138_672	672	138	204	267	353	25307	133
NRTHPORT-PILGRIM___138_677	677	138	409	532	705	25308	285
NRTHPORT-PILGRIM___138_679	679	138	409	532	705	25309	285
OAKDALE___230_115_BK 1	BK 1	230	275	400	440	25400	26
OAKDALE___345_115_BK 2	BK 2	345	491	587	600	25401	259
OAKDALE___345_115_BK 3	BK 3	345	420	499	600	25399	236
OAKDALE_-DELHI___115_919	919	115	161	177	179	25897	23
OAKDALE_-ENDICOTT_115_938	938	115	161	177	225	26198	121
OAKDALE_-FRASER___345_32	32	345	1255	1518	1793	25235	323
OAKDALE_-GOUDEY___115_939	939	115	238	274	306	26182	144
OAKDALE_-KATTLVLE_115_943	943	115	139	163	192	26201	78
OAKDALE_-NORTHSDE_115_944	944	115	185	224	239	26199	108
OAKFIELD-BATAVIA___115_112-2	112-2	115	128	136	159	25126	43
OAKWOOD_-ELWOOD_E_138_674	674	138	394	466	568	25545	37
OAKWOOD_-SYOSSET___138_675	675	138	269	358	541	25547	29
OHIOVLLE_115_69__BK TR1	BK TR1	115	33	41	53	25819	7
OHIOVLLE-HIGHLAND_115_OR	OR	115	129	183	239	26247	46
ONEIDA___-WALESVIL_115_7	7	115	84	84	84	26115	25
ONEIDA___-YAHNUNDA_115_6	6	115	105	114	134	26113	28
OSWEGO___345_115_BK 7	BK 7	345	489	552	690	25372	284
OSWEGO___-ELBRIDGE_345_17-E0	17-E0	345	1207	1326	1427	25234	789
OSWEGO___-S.OSWEGO_115_3-OS	3-OS	115	209	239	239	25507	120
OSWEGO___-S.OSWEGO_115_5-OS	5-OS	115	209	239	239	25508	120
OSWEGO___-S.OSWEGO_115_8-OS	8-OS	115	400	462	478	25509	43
OSWEGO___-VOLNEY___345_11-OV	11-OV	345	1200	1326	1685	25199	95
OSWEGO___-VOLNEY___345_12-OV	12-OV	345	1200	1326	1685	25201	95
OWENSCRN-PLASTICS_115_7	7	115	116	120	145	325736	74
OWENSCRN-SABICO___115_9	9	115	116	120	145	325737	4
PACKARD___230_115_BK 3	BK 3	230	189	250	250	25414	2
PACKARD___230_115_BK 4	BK 4	230	190	250	250	25415	69
PACKARD_-GRND_ISL_115_182-1	182-1	115	200	208	265	26056	128
PACKARD_-NIAGBLVD_115_181-1	181-1	115	160	166	206	26055	125
PACKARD_-SAWYER___230_77	77	230	556	644	704	25164	307
PACKARD_-SAWYER___230_78	78	230	556	644	746	25195	309
PACKARD_-WALCK_RD_115_129	129	115	239	283	283	25906	148
PACKARD_-ZIMMERM1_115_130-2	130-2	115	168	185	206	26059	153
PANNELL___345_115_BK 1	BK 1	345	228	282	336	25396	133
PANNELL___345_115_BK 2	BK 2	345	228	282	336	25431	133
PANNELL___345_115_BK 3	BK 3	345	255	319	336	25572	117
PANNELL_-CLAY_____345_PC1	PC1	345	1195	1195	1195	25058	131
PANNELL_-CLAY_____345_PC2	PC2	345	1195	1195	1195	25050	131
PANNELRG-FARMGTN___115_4-FP	4-FP	115	207	247	280	25080	149
PANNELRG-PITSFRDB_115_24	24	115	114	123	142	26285	69
PANNELRG-PITSFRDC_115_25	25	115	129	148	160	26284	48

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
PARISHVL-COLTON___115_3-CP	3-CP	115	128	147	159	25241	29
PATROON_-MCKNOWNV_115_6	6	115	278	321	368	25866	74
PATROON_-PATRTAP___115_15	15	115	160	176	224	25867	7
PATRTAP_-MENANDS___115_15	15	115	116	120	145	26493	6
PAVMNTRD-STOLLERD_115_926	926	115	249	287	327	325220	26
PAWLING_-CROTONFL_115_994	994	115	176	179	179	25902	23
PEAT ST_-HDSNBRDG_115_10	10	115	207	233	233	26648	61
PEAT ST_-HDSNBRDG_115_7	7	115	278	318	318	26649	14
PETERBOR_ONEIDA___115_5	5	115	116	120	145	25896	18
PILGRIM_-HAUPPAUG_138_871	871	138	305	367	420	25550	140
PILGRIM_-WEST BUS_138_881	881	138	487	543	623	25537	5
PITSFRDB-QUAKERRD_115_23-1	41662	115	180	180	180	26288	52
PITSFRDB-STA_82___115_23-2	41693	115	145	151	185	26287	5
PLATSBURG-KENTS_FL_115_PS1	PS1	115	96	123	150	25078	1
PLATTSBURGH PMLD #2	PS-1/A	115	157	179	197	69888	6
PLSNTVLE-DUNWODIE_345_W89	W89	345	1720	1977	2265	25182	661
PLSNTVLE-DUNWODIE_345_W90	W90	345	1720	1977	2265	25250	713
PLSNTVLY-EFISHKIL_345_F36	F36	345	1720	2215	2657	25256	225
PLSNTVLY-EFISHKIL_345_F37	F37	345	1720	2215	2657	25257	225
PLSNTVLY-WOOD_ST___345_F30	F30	345	1720	2214	2657	25237	719
PLSNTVLY-WOOD_ST___345_F31	F31	345	1720	2214	2657	25238	678
PLSTVYCH_115_69___TR 10	TR 10	115	107	120	143	25840	69
PLSTVYCH_345_115_BK S1	BK S1	345	396	450	450	25382	117
PLSTVYCH-INWOOD___115_X-1	X-1	115	175	193	220	26209	65
PLSTVYCH-MANCHSTR_115_M	M	115	183	226	260	26208	97
PLSTVYCH-TODDHILL_115_C	C	115	143	164	178	325156	84
PORTJEFF_138_69___BK 7	BK 7	138	112	138	156	25601	96
PORTJEFF_138_69___BK 8	BK 8	138	114	141	156	25600	53
PORTJEFF-HOLBROOK_138_886	886	138	295	357	434	25540	58
PORTJEFF-SUPERCON_138_862	862	138	295	357	434	25539	60
PYRITES_-COLTON___115_7-PC	7-PC	115	76	87	94	26086	25
QUAKERRD-MACEDON___115_930	930	115	60	75	112	25093	46
QUAKERRD-PANNEL___115_925	925	115	275	305	355	25682	116
QUAKERRD-PANNELRG_115_914	914	115	207	247	285	25261	29
QUAKERRD-SLEIGHT___115_980(13)	980(13)	115	150	169	188	25079	78
QUAKERRD-STA_204___115_908	908	115	227	251	285	26286	39
QUENBRDG-VERNON___138_31281	31281	138	363	455	602	25159	178
QUENBRDG-VERNON___138_31282	31282	138	363	455	602	25160	123
QUENSBRY-CEDAR___115_10	10	115	128	147	159	26140	48
QUENSBRY-SHERMAN___115_17-QS	17-QS	115	116	120	145	26142	61
RAINEY_-FARRAGUT_345_61	61	345	651	811	1287	25152	196
RAINEY_-FARRAGUT_345_62	62	345	691	818	1281	25253	180
RAINEY_-FARRAGUT_345_63	63	345	651	811	1287	25254	196
RAINEY_-VERNON___138_36311	36311	138	233	280	317	25296	153
RAINEY_-VERNON___138_36312	36312	138	245	303	342	25297	98
RAMAPO___345_138_BK 1300	1300	345	451	546	619	25441	237
RAMAPO___345_138_BK 2300	2300	345	451	546	619	25442	241

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
RAMAPO___345_345_PAR3500	PAR3500	345	554	745	1001	25370	200
RAMAPO___345_345_PAR4500	PAR4500	345	575	803	1081	25371	200
RAMAPO___500_345_BK 1500	BK 1500	345	995	1304	1750	25656	401
RAMAPO___-BUCHAN_N_345_Y94	Y94	345	1703	1894	2404	25184	148
RAMAPO___-LADENTWN_345_W72	W72	345	1722	1894	2404	25233	188
RAMAPOOR-TALLMAN___138_60	60	138	425	451	475	25880	215
REYNOLDS_345_115_BK 2	BK 2	345	459	562	755	25403	333
REYNOLDS-ALPS_____345_1-AR	1-AR	345	1670	1912	1912	25587	205
REYNOLDS-GREENBSH_115_9-RG	9-RG	115	329	398	398	26129	92
REYNOLDS-RVSD_TAP_115_4	4	115	220	239	239	325648	30
RICHFELD-ESPRGFLD_115_942	942	115	102	113	120	26176	16
RIDGE_RD-HILLSIDE_115_963	963	115	108	127	133	26190	12
RIDGE_RD-HILLSIDE_115_978-1	978-1	115	108	128	145	26191	10
RIVERSDE-RVSD_TAP_115_4	4	115	220	239	239	26144	30
RIVERSDE-TRINITY___115_18	18	115	147	178	243	26491	67
ROBNSNRD_230_115_BK 1	BK 1	230	331	383	420	25395	0
ROBNSNRD-STOLLERD_230_65	65	230	550	637	717	25065	230
ROCHESTR_345_115_BK 1	BK 1	345	494	603	630	25412	165
ROCHESTR_345_115_BK 2	BK 2	345	330	415	478	25432	204
ROCHESTR_345_115_BK 3	BK 3	345	494	603	630	25446	162
ROCHESTR_345_115_BK 5	BK 5	345	462	567	630	325381	331
ROCHESTR-PANNELL___345_RP1	RP1	345	1301	1501	1685	25192	61
ROCHESTR-PANNELL___345_RP2	RP2	345	1301	1501	1685	25172	61
ROCKHILL-MNTNDALE_115_957	957	115	108	120	120	325615	31
ROCKTVRN_345_115_BK TR1	BK TR1	345	396	445	445	25406	121
ROCKTVRN_345_115_BK TR3	BK TR3	345	396	459	519	26168	121
ROCKTVRN-RAMAPO___345_77	77	345	1720	1890	2037	25183	936
ROCKTVRN-SUGRLOAF_115_SL	SL	115	177	204	218	25420	0
ROME___-ONEIDA___115_1-RO	1-RO	115	129	157	192	26112	47
RONKOKMA-HOLBROOK_138_875	875	138	487	543	623	25541	135
ROSA_RD_-GE_R_D___115_14	14	115	200	217	260	26145	52
ROSETON_-EFISHKIL_345_305	305	345	1936	2677	3133	25108	1363
ROSETON_-ROCKTVRN_345_311	311	345	1396	1623	1870	25069	298
ROTTRDAM_230_115_BK 6	BK 6	230	344	375	523	25407	188
ROTTRDAM_230_115_BK 7	BK 7	230	300	355	402	25392	183
ROTTRDAM_230_115_BK 8	BK 8	230	326	369	423	25413	146
ROTTRDAM-BURDECK___115_17-RB	17-RB	115	116	120	145	25129	10
ROTTRDAM-BURDECK___115_19-RB	19-RB	115	105	114	134	26146	36
ROTTRDAM-CURRY_RD_115_11	11	115	116	120	145	25869	57
ROTTRDAM-FRONT_ST_115_16	16	115	220	252	280	26147	120
ROTTRDAM-SWAGRTWN_115_1	1	115	418	478	478	26429	115
ROTTRDAM-SWAGRTWN_115_2	2	115	232	241	291	26430	120
ROTTRDAM-WOODLAWN_115_35	35	115	116	120	145	25865	45
RULAND___-HOLBROOK_138_882	882	138	489	552	664	25538	54
RULAND___-PILGRIM___138_661	661	138	487	543	555	25310	101
RULAND___-PILGRIM___138_662	662	138	555	555	555	25311	101
RUSSEL_W-STA_48___115_919	919	115	253	292	309	26302	82

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
RYAN____-PLATSBURG_230_RYP-2	RYP-2	230	249	277	318	25273	105
RYNDS_HL-HIGHLAND_115_HR	HR	115	183	230	260	325825	26
RYNDS_HL-INWOOD____115_IR	IR	115	175	193	220	26248	49
S HERO____-PLATSBURG_115_PV20	PV20	115	210	245	258	25027	111
S.COLTON-FIVE_FLS_115_9 EQ	9 EQ	115	143	164	178	68835	72
S.MAHWAH-RAMAPOOR_138_51	51	138	236	270	285	25888	122
S.OSWEGO-HAMRHILL_115_6-IH	6-IH	115	114	120	142	25513	44
S.OSWEGO-NINEMILE_115_1-SN	1-SN	115	116	120	145	25501	25
S.OSWEGO-TEALLAVE_115_13_10-ST	10-ST	115	187	199	199	25511	75
S.OWEGO_-GOUDEY____115_961	961	115	112	131	143	25725	32
S.OWEGO_-NWAVERLY_115_962-2	962-2	115	111	131	143	25727	20
S.PERRY_-MEYER____115_934	934	115	82	96	104	26194	52
S.RIPLEY-DUNKIRK_230_68	68	230	444	444	444	25045	154
S42_____-S124____115_932	932	115	163	234	354	325827	134
SABICO____-LONGLANE_115_7	7	115	199	199	199	26501	60
SALAMANC_HOMER_HL_115_153	153	115	128	147	159	325763	11
SALAMANC_HOMER_HL_115_154	154	115	128	147	159	325764	17
SANDBORN-LOCKPORT_115_102-1	102-1	115	233	253	318	26052	124
SANDDOCK-NCHELSEA_115_SC	KC	115	183	248	279	26249	7
SANDSTON-COLTON____115_4-SC	4-SC	115	182	197	248	26084	5
SANDSTON-COLTON____115_5-SC	5-SC	115	182	197	248	26085	8
SANDY PD-TEWKSBRY_345_337	337	345	1802	1908	2045	26366	526
SANDY PD-WACHUSST_345_314	314	345	1731	2108	2400	26352	436
SANDY PD-WACHUSST_345_343	343	345	1435	1609	1741	25716	450
SAWYER____-HUNTLEY_230_77	77	230	566	654	755	325043	248
SAWYER____-HUNTLEY_230_78	78	230	566	654	755	325044	249
SAWYER____-SUNY_77____230_79	79	230	566	654	710	325045	379
SAWYER____-SUNY_BUF_230_80	80	230	566	654	755	325046	376
SBATAVIA-GOLAH____115_119	119	115	129	160	173	26012	16
SCHODACK-GREENBSH_115_13	13	115	129	166	199	325804	105
SCOBIE____-AMHERST_345_380	380	345	1431	1431	1431	25708	211
SCOBIE____-SEABROOK_345_363	363	345	1494	1494	1494	26378	324
SCOTAFILT-MASONCR_115_909	909	115	155	179	193	325702	2
SCRIBA____-FITZPTRK_345_FS-10	FS-10	345	1434	1434	1912	25076	81
SCRIBA____-VOLNEY____345_20-SV	20-SV	345	1200	1396	1686	25204	552
SCRIBA____-VOLNEY____345_21-SV	21-SV	345	1670	1912	1912	25314	763
SENECA_A-GARDNVLB_230_71	71	230	306	354	370	25856	18
SENECA_B-GARDNVLB_230_72	72	230	306	354	370	25857	18
SHALETON-CLVRBANK_115_141	141	115	88	101	108	325875	28
SHALETON-LAKEVIEU_115_141	141	115	88	101	108	325874	26
SHENDOAH-EFISHKIL_115_EF	EF	115	198	230	260	26251	103
SHERMAN_-SPIERFLS_115_17-SS	17-SS	115	116	120	145	26148	33
SHERMCRK-ACADEMY____138_331	331	138	313	406	524	325755	155
SHERMCRK-ACADEMY____138_332	332	138	313	406	524	325754	155
SHERMCRK-E179THST_138_15031	15031	138	162	220	360	25156	101
SHERMCRK-E179THST_138_15032	15032	138	162	220	360	25157	101
SHOEMAKR_138_69__BK 711	BK 711	138	212	281	319	26694	102

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
SHOR_NPX-SHOREHAM_138_NPX_CSC	NPX_CSC	138	489	552	664	325153	330
SHORE_RD_345_138_BK 1	BK 1	345	457	569	641	25439	297
SHORE_RD_345_138_BK 2	BK 2	345	457	569	641	25440	296
SHORE_RD-GLENWD___138_365	365	138	487	543	623	25205	115
SHORE_RD-GLENWD___138_366	366	138	489	552	664	25154	47
SHORE_RD-LAKSUCSS_138_367	367	138	236	409	581	25145	214
SHORE_RD-LAKSUCSS_138_368	368	138	236	409	581	25150	215
SHOREHAM-MILLERPL_138_879	879	138	434	480	586	25117	44
SHOREHAM-WILDWOOD_138_863	863	138	434	480	586	25115	162
SHOREHAM-WILDWOOD_138_867	867	138	434	480	586	25114	159
SLEIGHT___115_34___BK 1	BK 1	115	35	43	67	70523	25
SLEIGHT___115_34___BK 2	BK 2	115	35	43	67	70524	29
SLEIGHT_-CLYDE___115_971(3)	971(3)	115	125	143	154	26686	24
SMAHWAH___345_138_BK 258	258	345	441	516	559	25393	187
SMAHWAH_-RAMAPO___345_69	69	345	1226	1737	2268	25021	623
SMAHWAH_-RAMAPO___345_70	70	345	1720	1890	2398	25259	566
SPIERFLS-BUTLER___115_4-SFB	4-SFB	115	105	114	134	26136	44
SPIERFLS-MOHICAN___115_7	7	115	116	120	145	26435	37
SPIERFLS-QUENSBRY_115_5-SFQ	5-SFQ	115	105	114	134	26141	60
SPIERFLS-TAPBROOK_115_2	2	115	232	241	291	25874	48
SPIERFLS-TAPBROOK_115_302	302	115	222	253	287	25873	48
SPRAINBROOK - SPRNBR49	R49REAC	345	693	936	1392	26725	0
SPRNBRK___345_138_BK N7	BK N7	345	284	397	417	25628	185
SPRNBRK___345_138_BK S6	BK S6	345	284	397	417	25625	209
SPRNBRK_-ACADEMY___345_M29	M29	345	474	719	1351	325756	311
SPRNBRK_-DUNWODIE_138_99941	99941	138	294	416	464	25245	209
SPRNBRK_-DUNWODIE_138_99942	99942	138	330	402	464	25246	185
SPRNBRK_-DUNWODIE_345_W75	W75	345	2331	2658	3202	25071	91
SPRNBRK_-EGRDNCTR_345_Y49	Y49	345	637	900	1329	25105	635
SPRNBRK_-TREMONT___345_X28	X28	345	465	675	1182	25175	400
SPRNBRK_-W49TH_ST_345_M51	M51	345	760	927	1527	25053	188
SPRNBRK_-W49TH_ST_345_M52	M52	345	760	927	1527	25223	188
ST_60_36-LOCKPORT_115_36-2	36-2	115	145	151	185	26049	45
ST_60_37-LOCKPORT_115_37-2	37-2	115	145	151	171	26048	46
STA_128_-STA_82___115_906	906	115	129	147	159	26303	27
STA_129_-GARDNVLB_115_39-2	39-2	115	129	151	185	26036	25
STA_135_-STA_230___115_929	929	115	226	249	269	325839	49
STA_154_-GARDNVLB_115_38-2	38-2	115	129	171	206	26039	28
STA_158_-STA_128___115_924	924	115	129	147	159	26654	24
STA_162_-S.PERRY___115_906- 7X	906-7X	115	111	131	143	25062	35
STA_162_-STA_158___115_924	924	115	129	147	159	26653	1
STA_204___115_34___BK 1	BK 1	115	56	67	112	70539	34
STA_204___115_34___BK 2	BK 2	115	56	67	112	70540	40
STA_204_-S124___115_911	911	115	251	301	392	26307	133
STA_23_-STA_33___115_901	901	115	74	94	133	70028	45
STA_230_-QUAKERRD_115_929	929	115	226	249	269	325840	36
STA_33___115_34___BK 1_2	BK 1_2	115	75	90	132	70541	62

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
STA_33__-MORTIMER_115_901	901	115	175	197	241	25097	0
STA_37__115_34__BK 8	BK 8	115	50	59	100	70542	45
STA_37__-STA_48__115_916-1	916-1	115	275	305	355	26314	110
STA_37__-STA_67__115_916-2	916-2	115	250	280	300	26313	155
STA_48__115_34__BK 6	BK 6	115	57	66	69	70544	35
STA_48__115_34__BK 9	BK 9	115	59	66	112	70543	33
STA_67__-ROCHESRG_115_922	922	115	311	364	376	26321	203
STA_67__-STA_82__115_903	903	115	311	364	384	26322	138
STA_82__-MORTIMER_115_7X8272	7X8272	115	258	358	410	25098	117
STA_82__-ROCHESRG_115_904	904	115	506	584	618	25081	315
STA_82__-ROCHESRG_115_905	905	115	506	584	618	26305	279
STA_82__-STA_33__115_902	902	115	175	211	239	70058	69
STATE_ST-WRGHTAVE_115_976	976	115	185	221	239	26200	23
STERLING-RULAND__138_663	663	138	195	263	302	26498	147
STJHNVLE-MARSHVLE_115_11	11	115	159	159	159	26127	32
STLAWRNC_230A_230C_PS 33	PS 33	230	240	259	334	25118	0
STLAWRNC_230B_230D_PS 34	PS 34	230	300	336	466	25119	0
STOLLERD_345_115_BK 3	BK 3	345	288	333	420	25461	57
STOLLERD_345_115_BK 4	BK 4	345	296	390	420	25462	57
STOLLERD-HISHOLDN_230_67	67	230	417	479	533	25064	237
STONCREK-WETHSRFD_230_83	83	230	417	479	533	325973	255
STONER__-ROTTTRDAM_115_12-SR	12-SR	115	47	47	47	25680	4
STONYRDG_230_115_BK1	BK1	230	247	336	336	325811	97
STONYRDG-HILLSIDE_230_72	72	230	498	574	653	325810	91
SUGRLOAF_115_69__BK 6108	BK 6108	115	189	222	250	26333	0
SUGRLOAF_138_69__BK 7108	BK 7108	138	192	226	253	25891	73
SUGRLOAF-RAMAPOOR_138_26	26	138	264	300	316	25326	23
SULLVNPB-STONYRDG_115_712	712	115	235	272	313	325809	97
SUNY_77_-GARDNVLB_230_79-1	79-1	230	566	654	699	25165	365
SUNY_BUF-GARDNVLB_230_80	80-1	230	566	654	722	25196	362
SWAGTN_E-BALLSTNE_115_1	1	115	223	223	223	26125	104
SWAGTN_W-BALLSTNW_115_2	2	115	223	223	223	26124	113
SWANROAD-LOCKPORT_115_103-1	103-1	115	168	181	206	26051	18
SWANROAD-LOCKPORT_115_104-2	104-2	115	168	181	199	26050	0
SWEDEN_A-MORTIMER_115_111-2	111-2	115	129	149	153	25347	27
SWEDEN_B-MORTIMER_115_113-2	113-2	115	129	149	153	25348	13
SYLVANLK-PAWLING__115_990	990	115	176	179	179	26156	88
SYOSSET__138_69__BK 5	BK 5	138	227	263	302	26565	111
SYOSSET_-LOCUSTGR_138_559	559	138	434	480	586	25904	210
TALLMAN_-MONSEY__138_602	602	138	425	451	475	325609	162
TAPBLSTN-TAPBROOK_115_302	302	115	220	252	280	325898	2
TAYLORVL-BULYMO__115_6	6	115	100	100	100	26070	58
TAYLORVL-LOWVILLE_115_5-TL	5-TL	115	102	114	117	26107	65
TEALLAVE-ASH____115_7-TA	7-TA	115	120	148	148	26063	40
TEALLAVE-ASH____115_8-AT	8-AT	115	120	148	148	26117	40
TEALLAVE-BM_CC_GM_115_6	6	115	187	213	236	26154	98
TEALLAVE-ONEIDA__115_2-OT	2-OT	115	116	120	145	25895	43

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
TEALLAVE-PETERBOR_115_5	5	115	116	120	145	325164	53
TELGRAPH_115_34_114 _ BK 2	BK 2	115	52	63	63	26509	18
TELGRAPH_115_34_115 _ BK 1	BK 1	115	52	63	63	26013	20
TELGRAPH-MORTIMER_115_114-2	114-2	115	129	149	153	25349	37
TELGRAPH-N.AKRN_1_115_107-2	107-2	115	179	179	179	26508	55
TEMPLE_-PEAT ST_115_10-TP	10-TP	115	119	152	179	26715	61
TICONDRG-REPUBLIC_115_914(2)	914(2)	115	64	64	64	26470	6
TILDEN_-DEWITT_115_19-TD	19-TD	115	182	197	236	26092	37
TODDHILL-FISHKPLN_115_A	A	115	143	164	178	325157	60
TREMONT_138A_138B_BK 11	BK 11	138	243	279	312	25649	199
TREMONT_138C_138D_BK 12	BK 12	138	243	279	312	25650	200
TREMONT_345_138_BK 11	BK 11	345	245	299	339	25473	200
TREMONT_345_138_BK 12	BK 12	138	246	299	339	25474	200
TRINITY_-RIVERSDE_115_19	19	115	198	242	278	26492	78
TULLERHL-CLRKSCRN_115_1-716	1-716	115	128	147	159	26192	1
VALKIN_-FT._ORAN_115_15	15	115	129	159	159	325685	111
VALLEY_-FAIRFIEL_115_12	12	115	116	120	145	325743	54
VALLYSTR_138A_138B_PAR	B_PAR	138	321	399	450	25607	123
VALLYSTR-BARRETT_138_291	291	138	214	301	418	25312	134
VALLYSTR-BARRETT_138_292	292	138	214	301	418	25313	132
VALLYSTR-EGRDNCTY_138_262	262	138	183	260	456	25244	166
VERNON_-GREENWD_138_31231	31231	138	174	226	247	25337	97
VERNON_-KENTAVE_138_31232-1	31232-1	138	169	240	387	26123	42
VINGR_TP-VINEGAR_115_917 TAP	917 TAP	115	125	152	193	26455	3
VOLNEY_-CLAY_345_6-CV	6-CV	345	1109	1344	1686	25198	760
VOLNEY_-MARCY_345_19	19	345	1434	1650	1971	25345	740
VRNON VT-FITZWILL_345_379	379	345	896	896	896	26388	42
VT YANK_-VRNON VT_345_3340	3340	345	1224	1230	1434	25717	306
W.NYACK_138_69_BK 221	BK 221	138	212	281	319	26334	102
W.NYACK_-SNKEHLRD_138_562	563	138	212	267	281	325906	102
W_ERIAVE-SULLVNPK_115_711	711	115	245	272	313	325808	76
W49TH_ST-E13THSTA_345_M54	M54	345	753	986	1566	25228	191
W49TH_ST-E13THSTA_345_M55	M55	345	753	986	1566	25222	186
WADNGRIV-NSHORBCH_138_878	878	138	434	480	586	325642	36
WADNGRIV-SHOREHAM_138_891	891	138	434	480	586	25342	36
WALDEN_-DEPEW_TP_115_54-2	54-2	115	129	182	236	26024	54
WALDEN_-WALDN_A2_115_BK 1	BK 1	115	38	39	42	25429	16
WALDWICK_345_230_BK1	BK1	345	549	713	806	25479	337
WALDWICK_345_230_BK2	BK2	345	557	716	794	25480	337
WALDWICK_345_230_BK3	BK3	345	609	794	901	25481	326
WALDWICK-FAIRLAWN_230_02267	02267	230	394	510	843	25489	345
WALDWICK-HILLSDAL_230_F2258	F2258	230	408	555	840	25487	330
WALDWICK-HINCHMAN_230_E2257-1	E2257-1	230	408	555	840	25488	325
WALDWICK-SMAHWAH_345_J3410	J3410	345	672	1043	1920	25032	435
WALDWICK-SMAHWAH_345_K3411	K3411	345	675	1041	1920	25039	566
WARREN_-FALCONER_115_171	171	115	116	116	119	25015	22
WATKINRD-INGHAM_C_115_2-WI	2-WI	115	116	120	145	25805	62

SUMMER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
WATRCURE_345_230_BK 1	BK 1	345	426	520	600	25402	280
WATRCURE-OAKDALE__230_71	71	230	275	400	440	25179	26
WATRCURE-OAKDALE__345_31	31	345	963	1074	1076	25178	36
WEST BUS-SILLSRD__138_873	873	138	489	552	664	325618	13
WETHSRFD-MEYER__230_85	85	230	417	479	533	325623	0
WHAVSTOR-LOVETT__138_53	53	138	236	270	285	25884	10
WHAVSTOR-LOVETT__138_54	54	138	236	270	285	25885	20
WHAVSTRW_345_138_BK 194	BK 194	345	451	546	619	25447	296
WHITEHAL-COMSTKNM_115_13	13	115	116	120	145	25903	12
WHITEHAL-TICONDRG_115_3	3	115	116	120	145	26471	38
WICCOPEE-SHENDOA_115_FS	FS	115	194	214	240	325773	26
WILDWOOD_138_69_BK 4	BK 4	138	227	282	318	26550	75
WILDWOOD-RIVRHEAD_138_890	890	138	291	321	372	25905	156
WILLET_-ENORWICH_115_945-1	945-1	115	108	128	145	25732	72
WILLIS__230_115_BK 1	BK 1	230	150	184	216	25388	37
WILLIS__230_115_BK 2	BK 2	230	150	184	216	25390	37
WILLIS_-BRNSVLE_115_911	911	115	120	140	156	26204	39
WILLIS_-PATNODE__230_WPN-1	WPN-1	230	397	459	503	325565	77
WILLIS_-RYAN____230_WRY-2	WRY-2	230	397	459	503	325566	77
WILLWBRK-FRESHKLS_138_29211-2	29211-2	138	182	262	439	25319	165
WILLWBRK-FRESHKLS_138_29212-2	29212-2	138	182	262	439	25320	178
WOLF_RD_-MENANDS_115_10	10	115	105	114	134	26255	53
WOOD_ST__345_115_BK 1	BK 1	345	302	354	420	25437	155
WOOD_ST__345_115_BK 2	BK 2	345	311	368	420	25438	129
WOOD_ST_-AMAWALK_115_996	996	115	215	247	275	25574	85
WOOD_ST_-MILLWOOD_345_W80	W80	345	1720	2215	2657	25148	586
WOOD_ST_-PLSNTVLE_345_Y87	Y87	345	1775	1977	2265	25132	702
WOODARD_-ELBRIDGE_115_4	4	115	156	179	195	325316	28
WOODLAWN-STATE_CA_115_12	12	115	116	120	145	26490	1
WRGHTAVE-MILLIKEN_115_973	973	115	185	221	249	26195	26
WYNTKLN-REYNOLDS_115_13-WR	13-WR	115	186	214	237	26143	110
YAHNUNDA-EDIC_PTR_115_3	3	115	116	120	145	26515	64
ZIMMERM1-HUNTLEY__115_130-1	130-1	115	168	181	206	26043	105
ZIMMERM2-HUNTLEY__115_133-2	133-2	115	168	181	206	26042	116

This page is intentionally left blank

APPENDIX E

INTERFACE DEFINITIONS

This page is intentionally left blank

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)	SR1-39	345
Niagara-Rochester*	NR2	345
*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
*Andover - Palmiter	932	115
WEST CENTRAL		
<i>Genesee (Zone B) – Central (Zone C)</i>		
Name	Line ID	Voltage (kV)
Pannell Rd-Clay*	PC1	345
Pannell Rd-Clay*	PC2	345
*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
*Andover - Palmiter	932	115
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			
Mohawk Valley (Zone E) – Capital (Zone F)			
	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
Mohawk Valley (Zone E) – Hudson Valley (Zone G)			
	Middletown-Rock Tavern*	MTR-34	345
	Coopers-Rock Tavern*	CCRT-42	345
	West Woodbourne*115/69	T152	115/69
North (Zone D) – ISONE (Zone N)			
	*Plattsburgh-Grand Isle	PV20	115
PJM East (Zone P) – Hudson Valley (Zone G)			
	Hopatcong-Ramapo*	5018	500
	*Waldwick- S.Mahwah	J3410	345
	*Waldwick-S.Mahwah	K3411	345
PJM East (Zone P) – NYC (Zone J)			
	Hudson-Farragut*	C3403	345
	Hudson-Farragut*	B3402	345
	Linden-Goethals*	A2253	230
PJM (Rockland Electric) – Hudson Valley (Zone G)			
	*Cresskill – Sparkill	751	69
	*Harings Corners – W. Nyack	701	69
	*Harings Corners – Corporate Drive	703	138
	*Montvale – Bluehill	44	69
	*Montvale – Bluehill	43	69
	*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	MA1	230
*Moses-Adirondack	MA2	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	FP	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
*Sprain Brook-Academy	M29	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	PV20	115
<i>Capital (Zone F) – ISONNE (Zone N)</i>		
*Alps-Berkshire	393	345
Rotterdam-Bear Swamp*	E205W	230
*Hoosick -Bennington	K6	115
*Whitehall-Blissville	K7	115
<i>Hudson Valley (Zone G) – ISONNE (Zone N)</i>		
*Pleasant Valley-Long Mountain	398	345
Smithfield-Salisbury*	690	69

IESO (Ontario)-NYISO		
<i>Ontario East (Zone O) – North (Zone D)</i>		
Name	Line ID	Voltage (kV)
St. Lawrence-Moses*	L33P	230
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.	BL104	115

* indicates the metered end of circuit

PJM-NYISO		
<i>PJM East (Zone P) – NYC (Zone J)</i>		
Name	Line ID	Voltage (kV)
Hudson-Farragut*	C3403	345
Hudson-Farragut*	B3402	345
Linden-Goethals*	A2253	230
<i>PJM West – Central (Zone C)</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 (Zone A)</i>		
*Homer City-Stolle Rd	37	345
Erie East - South Ripley*	69	230
*Warren-Falconer	171	115
<i>PJM East (Zone P) – Hudson Valley (Zone G)</i>		
Hopatcong-Ramapo*	5018	500
*Waldwick-S.Mahwah	J3410	345
*Waldwick-S.Mahwah	K3411	345
<i>PJM (Rockland Electric) – Hudson Valley (Zone G)</i>		
*Cresskill – Sparkill	751	69
*Harings Corners – W. Nyack	701	69
*Harings Corners – Corporate Dr.	703	138
*Montvale-Bluehill	44	69
*Montvale-Bluehill	43	69
*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

This page is intentionally left blank

APPENDIX F

ANNOTATED MUST OUTPUT

This Section Is Available
Electronically If Requested

This page is intentionally left blank

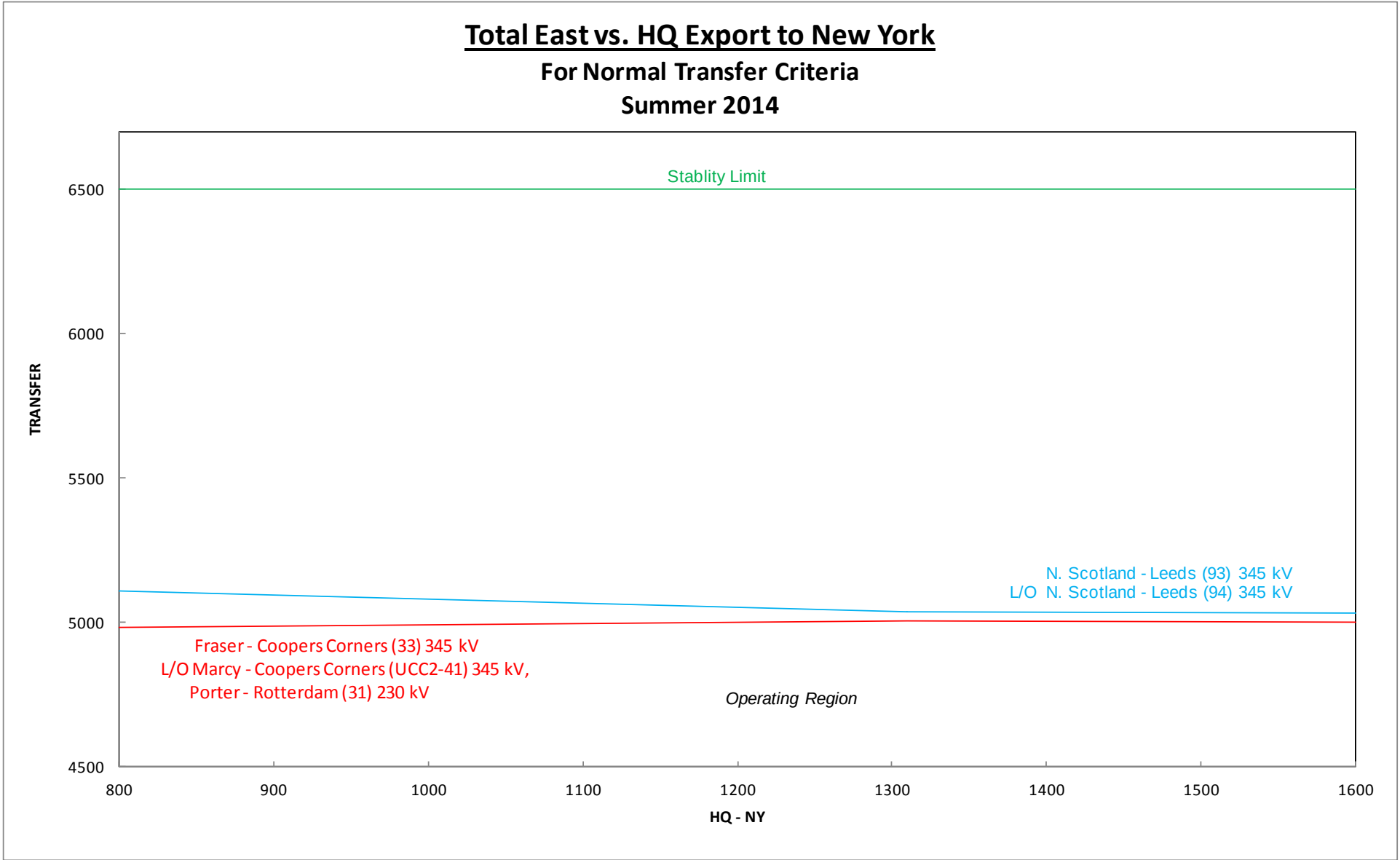
APPENDIX G

TRANSFER LIMIT SENSITIVITY GRAPHS

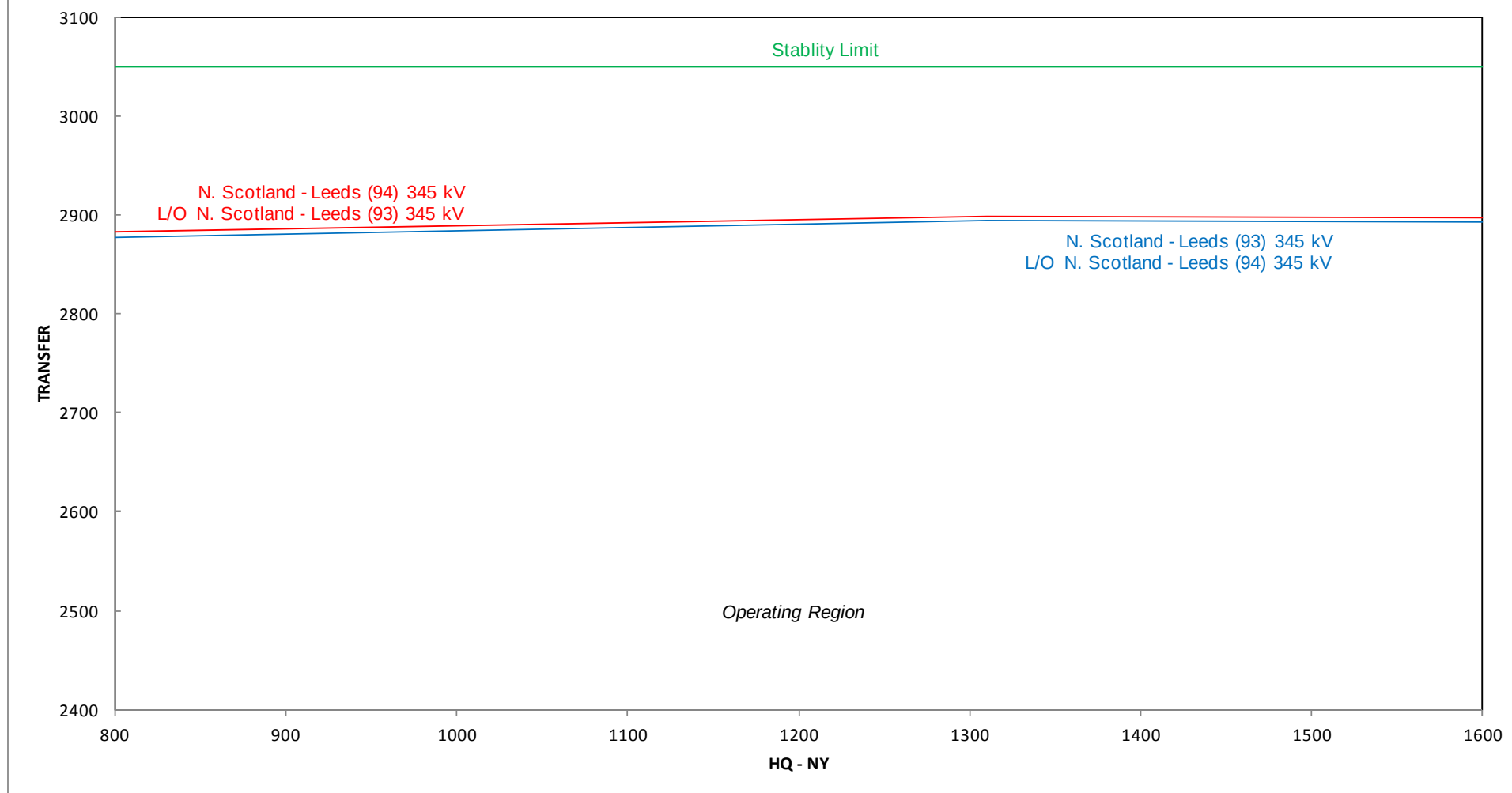
This page is intentionally left blank

INDEX

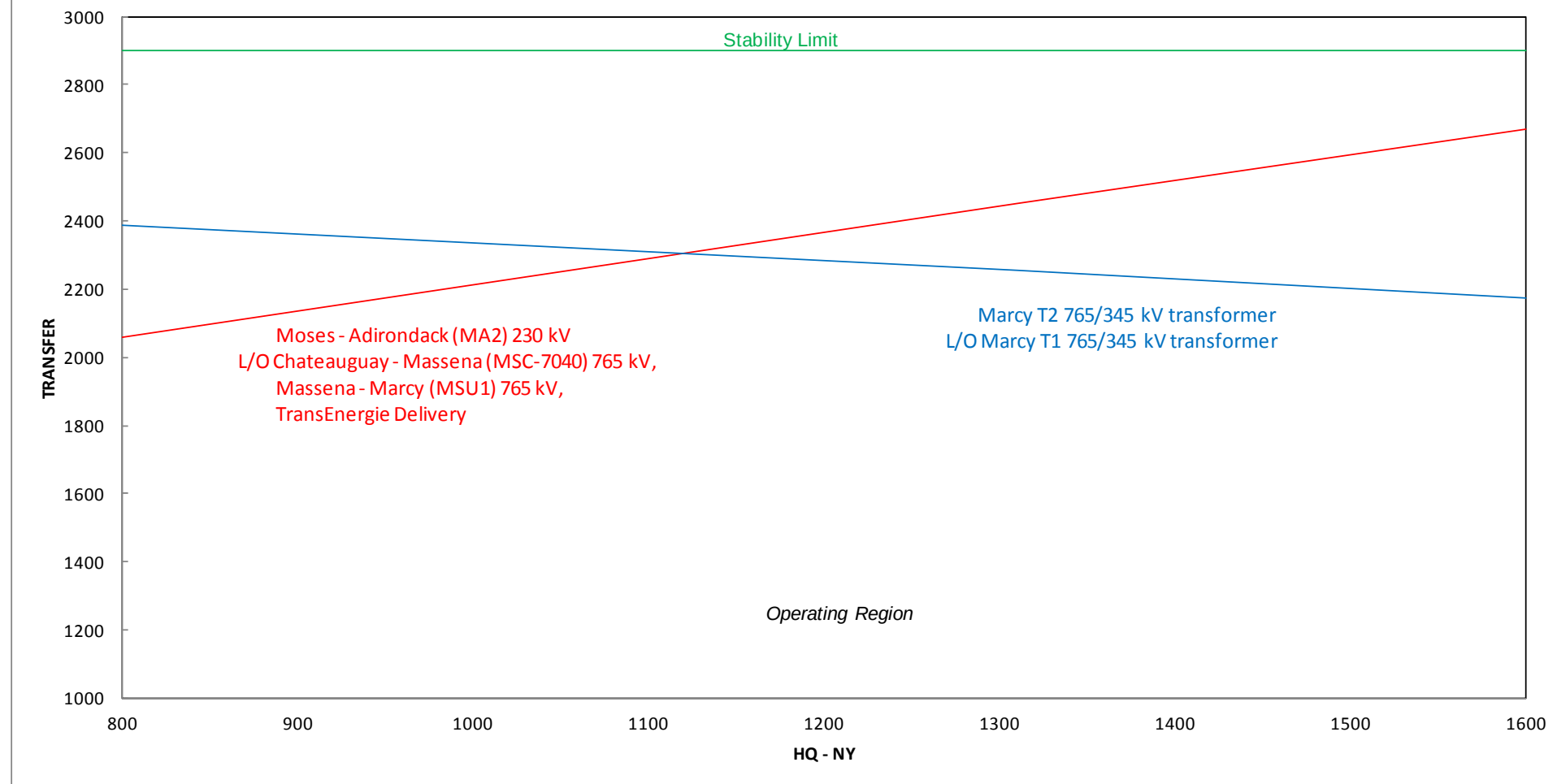
1. Total East vs. HQ-NY		G-2
2. Central East vs. HQ-NY		G-3
3. Moses South vs. HQ Export to New York		G-4
4. NE-NY vs. Norwalk-Northport PAR flow for Normal Transfer		G-5
5. NY-NE vs. Norwalk-Northport PAR flow for Normal Transfer		G-6
6. NYISO-IESO (ONTARIO) Transfer vs. L33P & L34P		G-7
7. IESO (ONTARIO)-NYISO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



Central East vs. HQ Export to New York
For Normal Transfer Criteria
Summer 2014



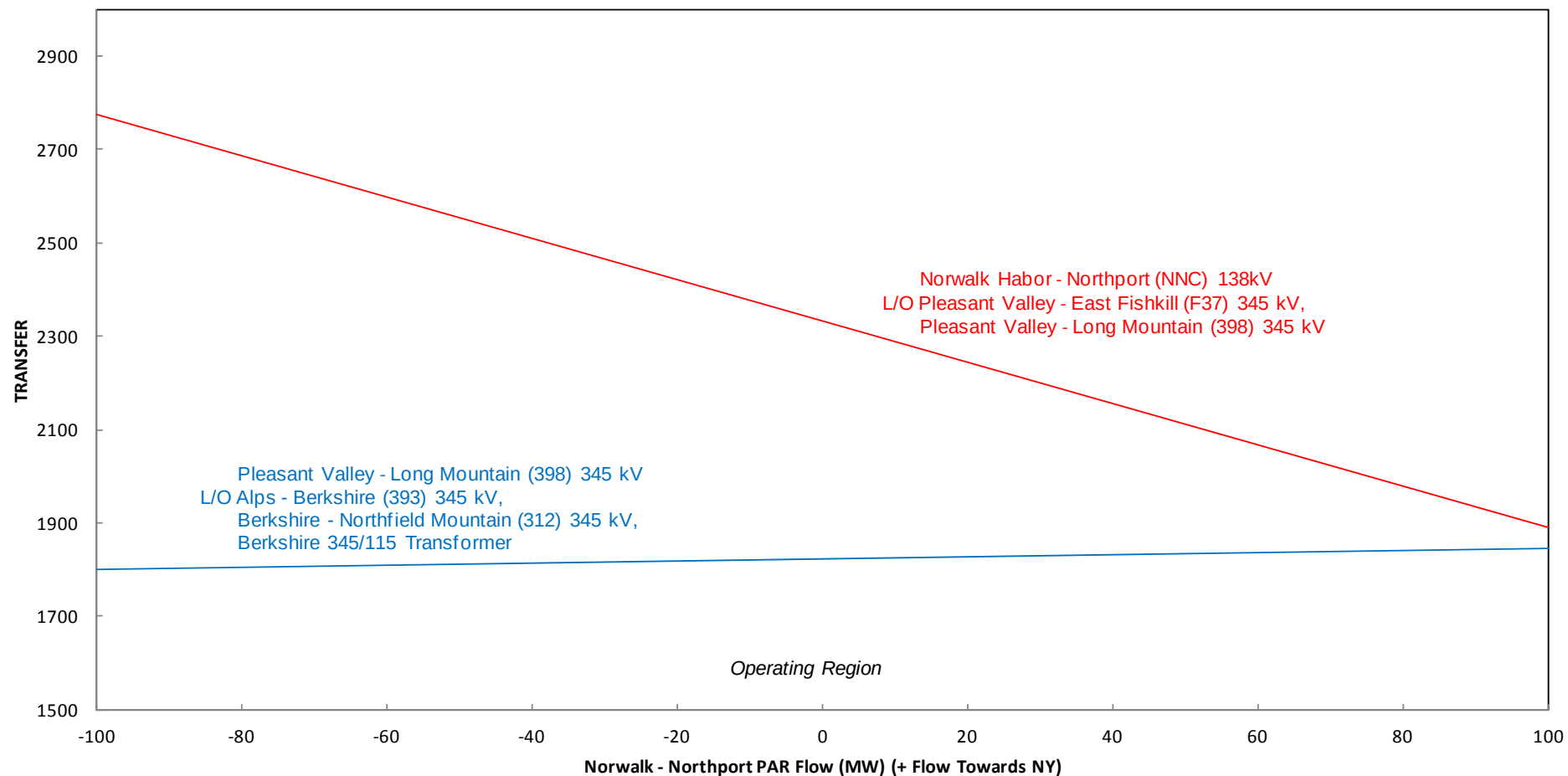
Moses South vs. HQ Export to New York
For Normal Transfer Criteria
Summer 2014



NE-NY vs. NORWALK-NORTHPORT PAR Flow

For Normal Transfer Criteria

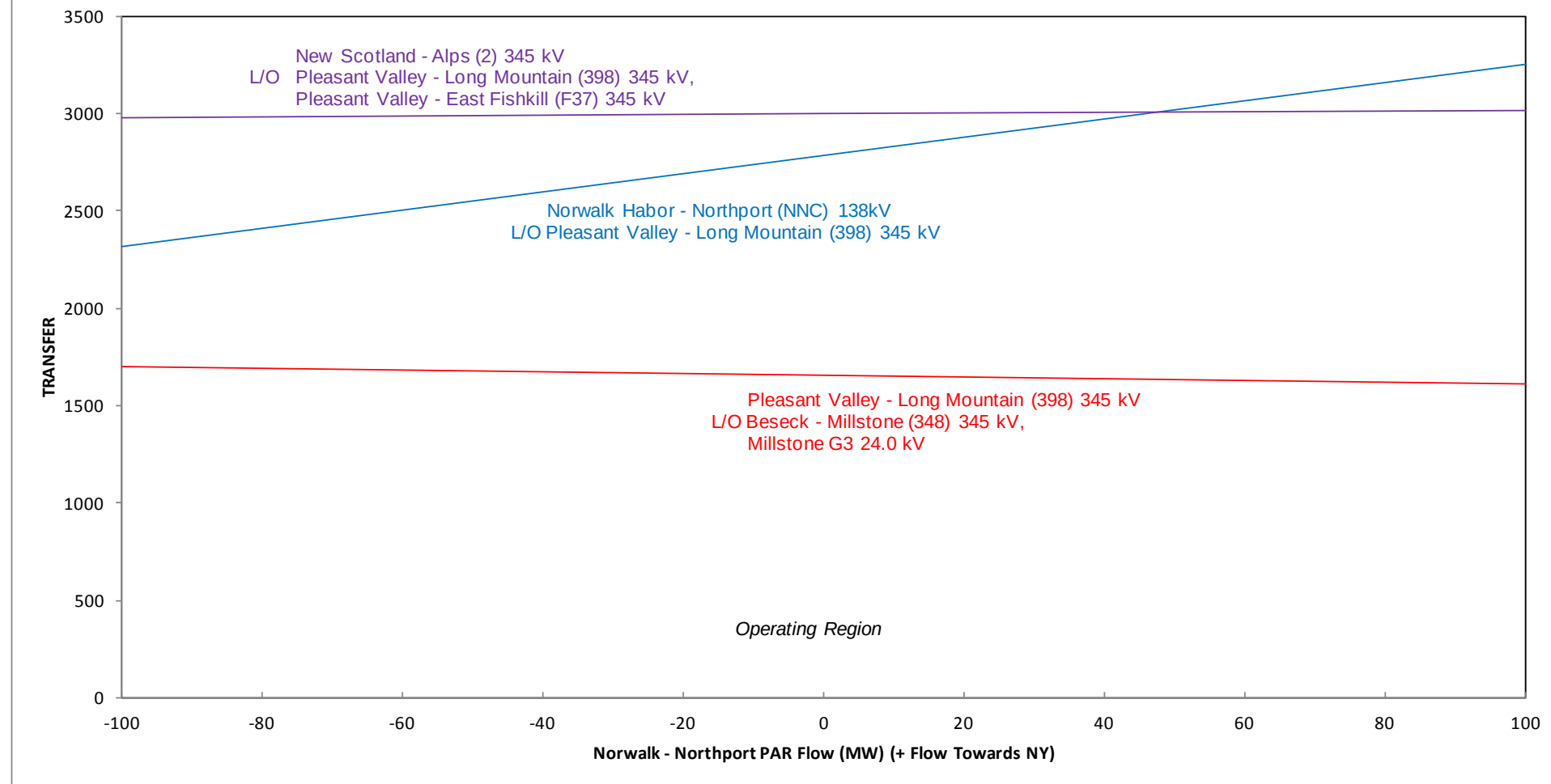
Summer 2014



NY-NE vs. NORWALK-NORTHPORT PAR Flow

For Normal Transfer Criteria

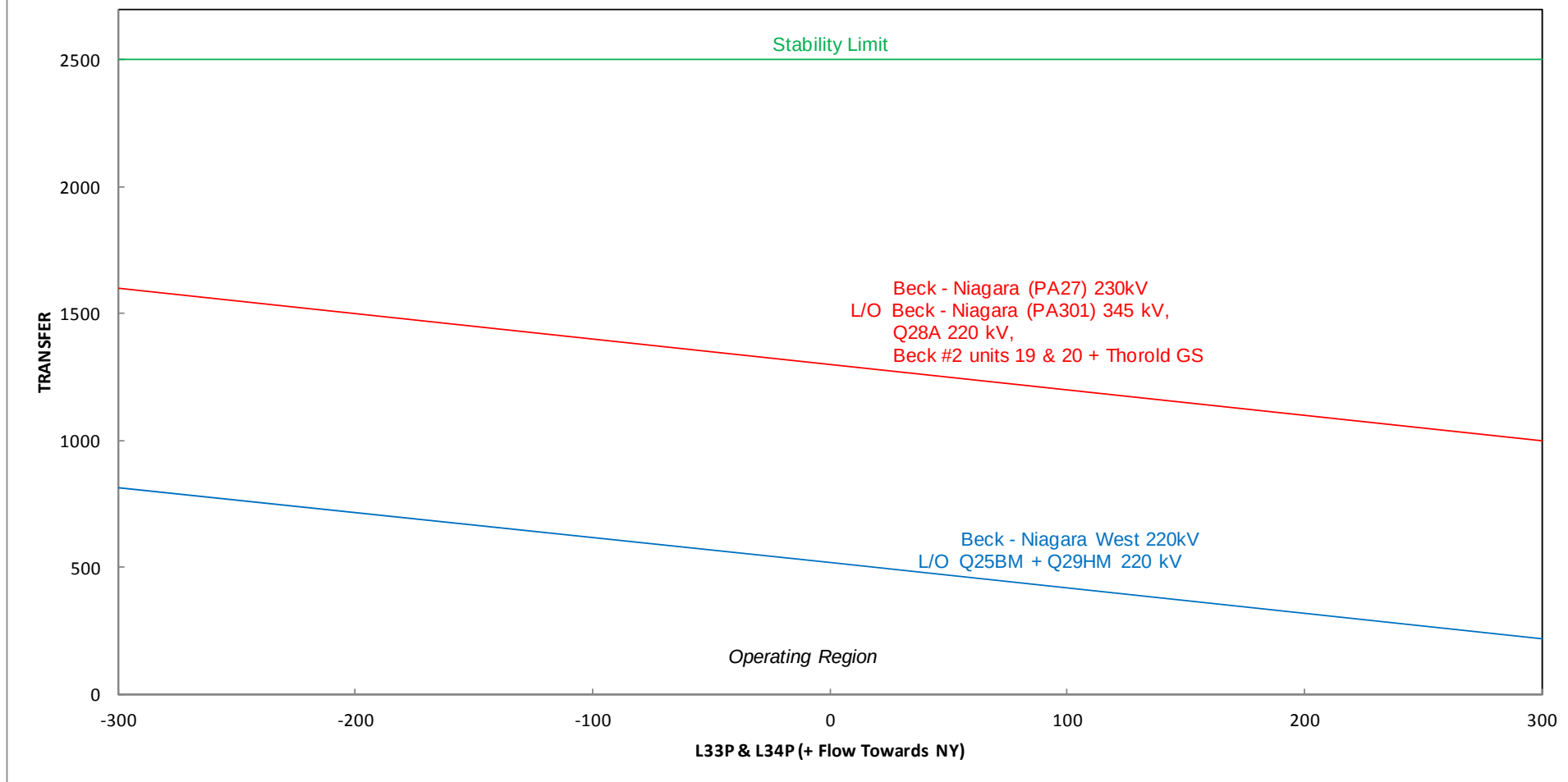
Summer 2014



NY - IESO (Ontario) Transfer vs. L33P & L34P

For Normal Transfer Criteria

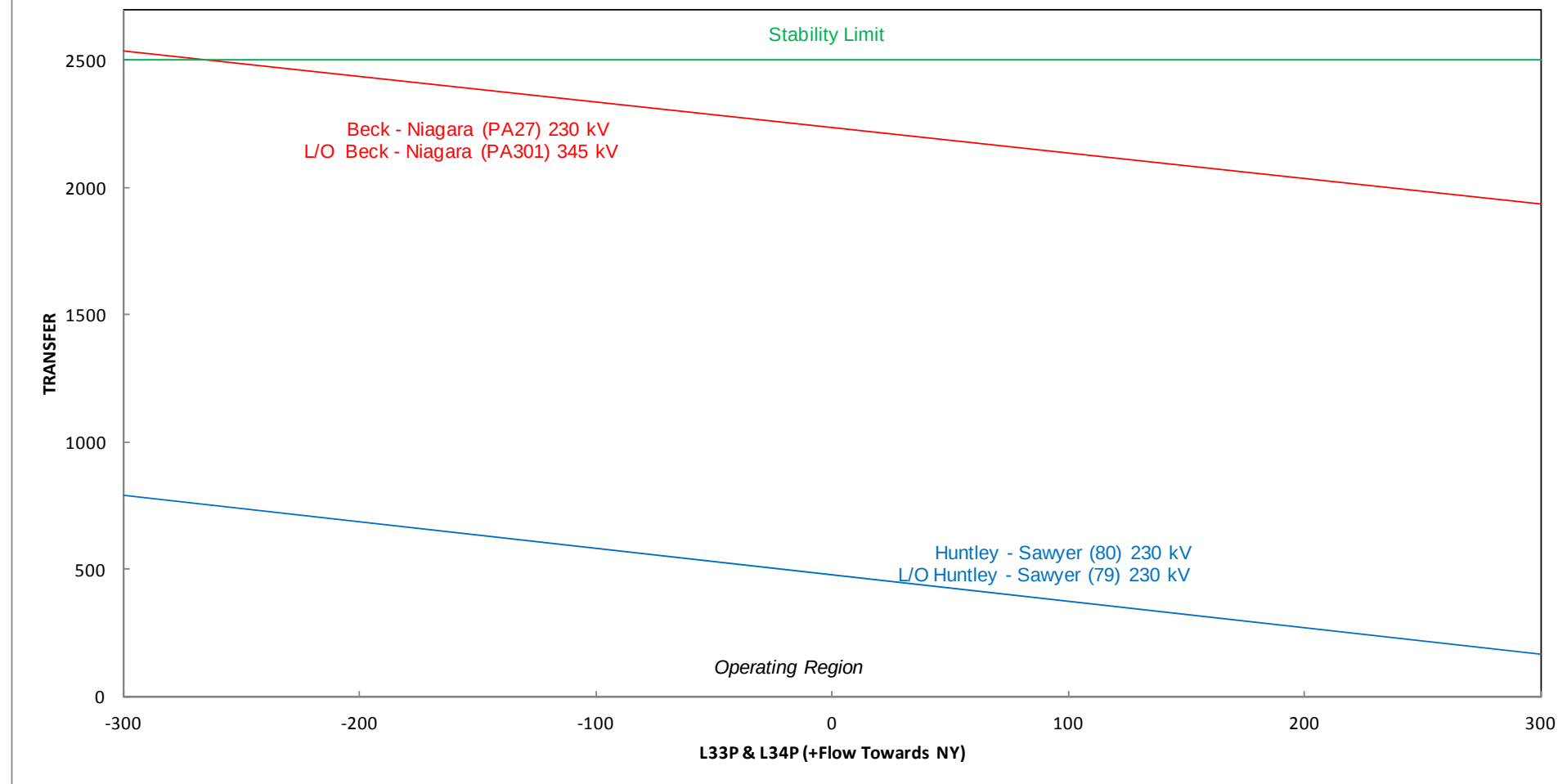
Summer 2014



IESO (Ontario) - NY Transfer vs. L33P & L34P

For Normal Transfer Criteria

Summer 2014



This page is intentionally left blank

APPENDIX H

COMPARISON OF TRANSFER LIMITS SUMMER 2014 vs. SUMMER 2013

This page is intentionally left blank

Comparison of Summer 2014 to Summer 2013 Thermal Limits

		SUMMER 2014		SUMMER 2013		
Interface		Limit (MW)	Contingency	Limit (MW)	Contingency	Delta
Dysinger East	Normal	1675	1	2050	1	-375
	Emergency	2200	2	2725	2	-525
West Central	Normal	225	1	725	1	-500
	Emergency	700	2	1400	2	-700
UPNY - ConEd	Normal	3600	3	3500	3	100
	Emergency	4250	4	4150	4	100
Sprain Brook Dunwoodie-South	Normal	4125	5	4125	6	0
	Emergency	4150	7	4150	7	0
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	2875	10	2900	10	-25
	Emergency	3200	11	3200	11	0
	MSC-7040 FLOW	1310 MW		1310 MW		
	Normal	2875	10	2875	10	0
	Emergency	3200	11	3200	11	0
	MSC-7040 FLOW	800 MW		800 MW		
	Normal	2875	10	2850	10	25
	Emergency	3175	11	3175	11	0
Total East	MSC-7040 FLOW	1600 MW		1600 MW		
	Normal	4975	12	5000	12	-25
	Emergency	5625	13	5675	11	-50
	MSC-7040 FLOW	1300 MW		1300 MW		
	Normal	5000	12	5050	12	-50
	Emergency	5625	13	5825	11	-200
	MSC-7040 FLOW	800 MW		800 MW		
	Normal	4975	12	4950	12	25
	Emergency	5650	13	5875	11	-225
Moses - South	MSC-7040 FLOW	1600 MW		1600 MW		
	Normal	2175	14	2175	14	0
	Emergency	2675	15	2675	15	0
	MSC-7040 FLOW	1300 MW		1300 MW		
	Normal	2250	14	2250	14	0
	Emergency	2750	15	2750	15	0
	MSC-7040 FLOW	800 MW		800 MW		
	Normal	2050	16	2050	16	0
	Emergency	2350	17	2350	17	0

NYISO SUMMER 2014 AND 2013 CROSS-STATE THERMAL LIMIT CONTINGENCY LIST

	Limiting Element	Rating			Contingency
(1)	Huntley – Sawyer (80) 230 kV	LTE	654 MW	L/O	Huntley – Sawyer (79) 230 kV
(2)	Huntley – Sawyer (80) 230 kV	STE	755 MW	L/O	Huntley – Sawyer (79) 230 kV
(3)	Leeds – Pleasant Valley (92) 345 kV	LTE	1538 MW	L/O	Athens – Pleasant Valley (91) 345 kV
(4)	Leeds – Pleasant Valley (92) 345 kV	STE	1724 MW	L/O	Athens – Pleasant Valley (91) 345 kV
(5)	Mott Haven – Rainey (Q11) 345 kV	SCUC	1066 MW	L/O	(SB:RAIN345_7W) Mott Haven – Rainey (Q12) 345 kV Rainey 345/138 kV Transformer 7W Rainey – East 75 St. 138 kV East 75 St. – West 110 St. 138 kV
(6)	Mott Haven – Rainey (Q11) 345 kV	SCUC	1066 MW	L/O	Mott Haven – Rainey (Q12) 345 kV Rainey 345/138 kV Transformer
(7)	Dunwoodie – Mott Haven (71) 345 kV	NORM	707 MW		Pre-Contingency Loading
(8)	Dunwoodie – Shore Rd. (Y50) 345 kV	LTE	914 MW	L/O	Sprain Brook – E.G.C. (Y49) 345 kV Sprain Brook – Academy (M29) 345 kV
(9)	Dunwoodie – Shore Rd. (Y50) 345 kV	NORM	653 MW		Pre-Contingency Loading
(10)	New Scotland – Leeds (93) 345 kV	LTE	1538 MW	L/O	New Scotland – Leeds (94) 345 kV
(11)	New Scotland – Leeds (93) 345 kV	STE	1724 MW	L/O	New Scotland – Leeds (94) 345 kV
(12)	Fraser–Coopers Corners (33) 345 kV	LTE	1404 MW	L/O	Marcy – Coopers Corners (UCC2-41) 345 kV Porter – Rotterdam (31) 230 kV
(13)	Rock Tavern – Ramapo (77) 345 kV	STE	2037 MW	L/O	Roseton – East Fishkill (305) 345 kV
(14)	Marcy 765/345 kV T2 Transformer	LTE	1650 MW	L/O	Marcy 765/345 kV T1 Transformer
(15)	Marcy 765/345 kV T2 Transformer	STE	1971 MW	L/O	Marcy 765/345 kV T1 Transformer
(16)	Moses - Adirondack (MA2) 230 kV	LTE	386 MW	L/O	Chateauguay – Massena (MSC-7040) 765 kV Massena – Marcy (MSU1) 765 kV and TransÉnergie delivery
(17)	Moses – Massena (MMS1) 230 kV	NORM	936 MW		Pre-Contingency Loading

This page is intentionally left blank

APPENDIX I

GENERATION SHIFTS ASSUMED FOR THERMAL ANALYSIS

This page is intentionally left blank

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								
155713 LENNOX_GS-2	200.0	20.0	220.0	126340 KEYSPG-1	145.9	142.4	-3.5	
156676 PICK_A_GS-4	105.0	20.0	125.0	126650 AK 3	313.3	308.3	-5.0	
158740 NANTICOKE_G5	0.0	20.0	20.0	126652 RAV 3	963.0	933.0	-30.0	
160704 LAMBTON_GS-3	0.0	20.0	20.0	126654 AST 3	373.0	367.0	-6.0	
160705 LAMBTON_GS-4	0.0	20.0	20.0	126656 AST 5	218.2	216.2	-2.0	
				126658 RAV 2	360.2	354.2	-6.0	
				126660 COGENGT2	55.7	54.2	-1.5	
				126661 COGENGT3	55.7	54.2	-1.5	
				126662 COGENGT4	56.0	54.0	-2.0	
				126663 COGENGT5	55.7	53.7	-2.0	
				126664 COGENST1	55.7	53.7	-2.0	
				126665 COGENST2	56.1	54.1	-2.0	
				126692 SCS18-G4	162.0	159.0	-3.0	
				126710 SCS18-G5	162.0	159.0	-3.0	
				126711 SCS18-G6	222.0	215.5	-6.5	
				129025 NRTPTG2	205.0	198.5	-6.5	
				129026 NRTPTG3	205.0	198.5	-6.5	
				148708 Q308_GT1	158.0	156.0	-2.0	
				148709 Q308_GT2	158.0	156.0	-2.0	
				148710 Q308_ST	225.0	218.0	-7.0	
UPNY - CONED								
131126 WTHRS_GE_G1	12.6	17.6	5.0	126251 ER G6	134.0	132.0	-2.0	
136702 OSWGO 5G	468.5	483.5	15.0	126340 KEYSPG-1	145.9	141.9	-4.0	
147855 CHATG_GE_G1	10.6	12.6	2.0	126650 AK 3	313.3	310.3	-3.0	
148706 MRBLRV1_8G	21.5	29.5	8.0	126652 RAV 3	963.0	938.0	-25.0	
158740 NANTICOKE_G5	0.0	20.0	20.0	126654 AST 3	373.0	368.0	-5.0	
158741 NANTICOKE_G6	0.0	20.0	20.0	126656 AST 5	321.1	319.1	-2.0	
160704 LAMBTON_GS-3	0.0	30.0	30.0	126657 RAV 1	362.1	355.1	-7.0	
				126658 RAV 2	360.2	353.2	-7.0	
				126660 COGENGT2	55.7	53.7	-2.0	
				126661 COGENGT3	55.7	53.7	-2.0	
				126662 COGENGT4	56.0	54.0	-2.0	
				126663 COGENGT5	55.7	53.7	-2.0	
				126664 COGENST1	55.7	53.7	-2.0	
				126665 COGENST2	56.1	54.1	-2.0	
				126692 SCS18-G4	162.0	159.5	-2.5	
				126710 SCS18-G5	162.0	160.0	-2.0	
				126711 SCS18-G6	222.0	217.0	-5.0	
				129025 NRTPTG2	205.0	200.5	-4.5	
				129026 NRTPTG3	205.0	200.5	-4.5	
				129027 NRTPTG4	205.0	201.0	-4.0	
				147788 POLETGT2	152.0	149.0	-3.0	
				147789 POLETSTG	159.5	155.5	-4.0	
				147790 POLETGT1	152.0	148.5	-3.5	

GENERATION PARTICIPATION FOR INTERFACES

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->			
<--- GENERATOR MW-->					<----- GENERATOR MW --->			
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE	
SPRAIN BROOK DUNWOODIE - SOUTH								
136702 OSWGO 5G	468.6	478.6	10.0	126340 KEYSPG-1	145.9	140.9	-5.0	
147855 CHATG_GE_G1	10.6	12.6	2.0	126341 KEYSPST1	71.8	68.8	-3.0	
148706 MRBLRV1_8G	21.5	29.5	8.0	126650 AK 3	313.3	309.3	-4.0	
158740 NANTICOKE_G5	0.0	20.0	20.0	126652 RAV 3	963.0	933.0	-30.0	
158743 NANTICOKE_G8	0.0	20.0	20.0	126654 AST 3	373.0	365.0	-8.0	
160704 LAMBTON_GS-3	0.0	20.0	20.0	126657 RAV 1	362.1	357.1	-5.0	
160705 LAMBTON_GS-4	0.0	20.0	20.0	126658 RAV 2	360.2	355.2	-5.0	
				126660 COGENGT2	70.7	68.7	-2.0	
				126661 COGENGT3	70.7	68.7	-2.0	
				126662 COGENGT4	71.0	69.0	-2.0	
				126663 COGENGT5	70.7	68.7	-2.0	
				126692 SCS18-G4	112.0	109.0	-3.0	
				126710 SCS18-G5	112.0	109.0	-3.0	
				126711 SCS18-G6	202.0	196.0	-6.0	
				147788 POLETGT2	152.0	149.0	-3.0	
				147789 POLETSTG	159.5	155.5	-4.0	
				147790 POLETGT1	152.0	150.0	-2.0	
				148708 Q308_GT1	158.0	155.0	-3.0	
				148709 Q308_GT2	158.0	155.0	-3.0	
				148710 Q308_ST	225.0	220.0	-5.0	
CONED - LIPA								
126650 AK 3	313.3	343.3	30.0	128901 BARETG2	195.0	177.0	-18.0	
126653 AK 2	316.0	326.0	10.0	129025 NRTPTG2	205.0	187.0	-18.0	
126659 COGENGT1	55.7	60.7	5.0	129026 NRTPTG3	205.0	187.0	-18.0	
126660 COGENGT2	55.7	60.7	5.0	129027 NRTPTG4	205.0	187.0	-18.0	
126661 COGENGT3	55.7	60.7	5.0	129092 PTJEFG3	157.0	148.0	-9.0	
126662 COGENGT4	56.0	61.0	5.0	129093 PTJEFG4	150.0	141.0	-9.0	
126664 COGENST1	55.7	60.7	5.0	147821 NYPA108	40.0	35.0	-5.0	
126665 COGENST2	56.1	61.1	5.0	147822 NYPA56	45.0	40.0	-5.0	
126737 RNY 7EGT	0.0	10.0	10.0					
126738 RNY 7WGT	0.0	10.0	10.0					
126739 RNY 9EGT	0.0	10.0	10.0					
CENTRAL EAST, TOTAL EAST								
136702 OSWGO 5G	468.8	481.8	13.0	126251 ER G6	134.0	132.5	-1.5	
147808 ALTONA_GE_G1	9.7	11.7	2.0	126340 KEYSPG-1	145.9	142.9	-3.0	
147855 CHATG_GE_G1	10.6	12.6	2.0	126341 KEYSPST1	71.8	70.3	-1.5	
148706 MRBLRV1_8G	21.5	27.5	6.0	126650 AK 3	313.3	310.3	-3.0	
155712 LENNOX_GS-1	200.0	214.0	14.0	126652 RAV 3	963.0	944.5	-18.5	
155713 LENNOX_GS-2	200.0	215.0	15.0	126654 AST 3	373.0	369.5	-3.5	
158740 NANTICOKE_G5	0.0	19.5	19.5	126656 AST 5	218.2	216.7	-1.5	
158741 NANTICOKE_G6	0.0	9.0	9.0	126657 RAV 1	362.1	357.1	-5.0	
160704 LAMBTON_GS-3	0.0	19.5	19.5	126658 RAV 2	360.2	355.2	-5.0	
				126660 COGENGT2	55.7	54.2	-1.5	

GENERATION PARTICIPATION FOR THERMAL ANALYSIS

<----- STUDY SYSTEM ----->				<----- OPPOSING SYSTEM ----->			
<- GENERATOR MW-->				<----- GENERATOR MW ---->			
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE
				126661 COGENGT3	55.7	54.2	-1.5
				126663 COGENGT5	55.7	53.7	-2.0
				126664 COGENST1	55.7	53.7	-2.0
				126665 COGENST2	56.1	54.1	-2.0
				126692 SCS18-G4	162.0	160.5	-1.5
				126710 SCS18-G5	162.0	160.5	-1.5
				126711 SCS18-G6	222.0	218.0	-4.0
				128901 BARETG2	195.0	193.0	-2.0
				129025 NRTPTG2	205.0	201.0	-4.0
				129026 NRTPTG3	205.0	201.0	-4.0
				129027 NRTPTG4	205.0	201.0	-4.0
				129071 CAITH-GT	160.0	156.0	-4.0
				129072 CAITH-ST	126.0	123.0	-3.0
				129092 PTJEFG3	157.0	155.0	-2.0
				129093 PTJEFG4	150.0	148.0	-2.0
				147788 POLETGT2	152.0	149.5	-2.5
				147789 POLETSTG	159.5	156.5	-3.0
				147790 POLETGT1	152.0	149.5	-2.5
				148708 Q308_GT1	158.0	156.0	-2.0
				148709 Q308_GT2	158.0	156.0	-2.0
				148710 Q308_ST	225.0	220.5	-4.5
MOSES SOUTH							
147763 MOS17-18	91.1	141.1	50.0	126652 RAV 3	963.0	938.0	-25.0
147766 MOS21-22	103.6	153.6	50.0	126654 AST 3	373.0	368.0	-5.0
				130873 SOMERSET24	678.2	668.2	-10.0
				135800 HNTLY67G	186.0	181.0	-5.0
				135801 HNTLY68G	189.0	184.0	-5.0
				136715 SITH-G1	142.4	134.4	-8.0
				136716 SITH-G2	142.4	134.4	-8.0
				136717 SITH-G3	142.4	134.4	-8.0
				136718 SITH-G4	142.4	134.4	-8.0
				136719 SITH-G5	160.0	151.0	-9.0
				136720 SITH-G6	160.0	151.0	-9.0
NY - ONTARIO							
126650 AK 3	313.3	322.5	9.2	155714 LENNOX_GS-3	520.0	508.9	-11.1
126659 COGENGT1	55.7	57.1	1.4	156661 DARLINGTN_G1	912.0	900.9	-11.1
126660 COGENGT2	55.7	57.0	1.3	156662 DARLINGTN_G2	920.2	909.1	-11.1
126661 COGENGT3	55.7	57.2	1.5	156663 DARLINGTN_G3	925.1	914.0	-11.1
126662 COGENGT4	56.0	57.3	1.3	156664 DARLINGTN_G4	923.5	912.4	-11.1
126663 COGENGT5	55.7	57.0	1.3	156673 PICK_A_GS-1	520.0	508.9	-11.1
126664 COGENST1	55.7	57.0	1.3	156684 PICK_B_GS-6	520.0	508.9	-11.1
129024 NRTPTG1	205.0	208.4	3.4	156685 PICK_B_GS-7	520.0	508.9	-11.1
129025 NRTPTG2	205.0	208.4	3.4	156686 PICK_B_GS-8	520.0	508.8	-11.2
129026 NRTPTG3	205.0	208.5	3.5				

GENERATION PARTICIPATION FOR INTERFACES

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->			
<--- GENERATOR MW-->					<----- GENERATOR MW --->			
BUS NAME	BASE	SHIFT	CHANGE		BUS NAME	BASE	SHIFT	CHANGE
129027 NRTPTG4	205.0	208.5	3.5					
129092 PTJFEG3	157.0	158.5	2.5					
129093 PTJFEG4	150.0	151.6	1.6					
130841 SHLDN_GE_G1	11.3	13.3	2.0					
131126 WTHRS_GE_G1	12.6	15.6	3.0					
136702 OSWGO 5G	468.8	480.8	12.0					
137702 JMC2ST13	19.4	23.4	4.0					
137924 FLATRKGS_V8	23.1	25.9	2.8					
147777 GILBOA#1	107.2	114.0	6.8					
147778 GILBOA#2	0.0	13.0	13.0					
147779 GILBOA#3	74.5	83.7	9.2					
147780 GILBOA#4	0.0	13.0	13.0					
ONTARIO - NY								
151720 ATIKOKAN_TGS	120.0	124.0	4.0	125190 ROSE GN1	604.2	600.4	-3.8	
155712 LENNOX_GS-1	200.0	208.0	8.0	126650 AK 3	963.0	948.8	-14.2	
155713 LENNOX_GS-2	200.0	214.0	14.0	130873 SOMERSET24	668.0	651.4	-16.6	
156676 PICK_A_GS-4	105.0	123.0	18.0	131393 INDEC S\$	48.1	47.5	-0.7	
156683 PICK_B_GS-5	5.0	21.0	16.0	131461 CAYUGA 2	152.7	150.4	-2.3	
159615 BRUCE_A_GS-3	718.0	721.0	3.0	131462 CAYUGA 1	149.7	147.2	-2.5	
159620 BRUCE_B_GS-8	300.0	322.0	22.0	135800 HNTLY67G	186.0	181.7	-4.3	
160704 LAMBTON_GS-3	0.0	15.0	15.0	135801 HNTLY68G	189.0	185.2	-3.8	
				136702 OSWGO 5G	479.0	478.0	-1.0	
				136706 HMGENBUS	47.2	46.3	-0.9	
				136713 LIGHHILL	15.0	14.4	-0.6	
				136716 SITH-G2	142.4	137.5	-4.9	
				136717 SITH-G3	142.4	137.5	-4.9	
				136719 SITH-G5	160.0	155.9	-4.1	
				136720 SITH-G6	160.0	155.0	-5.0	
				136729 ESYR GT2	34.4	33.8	-0.6	
				137458 ATHENSC2	180.0	175.6	-4.4	
				137459 ATHENSS2	89.5	87.5	-2.0	
				137714 BETH STM	220.0	215.6	-4.4	
				147797 JAFITZ1G	846.5	827.5	-19.0	
NY - NE								
126650 AK 3	313.3	321.3	8.0	100386 WESTBROOK C1	172.2	171.2	-1.0	
126656 AST 5	218.5	222.5	4.0	105385 MERRIMACK_G1	109.5	107.0	-2.5	
126659 COGENTG1	55.7	57.2	1.5	105386 MERRIMACK_G2	343.5	336.5	-7.0	
126660 COGENTG2	55.7	57.2	1.5	105451 SCHILLER_G5	50.0	48.5	-1.5	
126661 COGENTG3	55.7	57.2	1.5	105476 NEWINGTON_C1	168.2	165.2	-3.0	
126662 COGENTG4	56.0	57.5	1.5	105477 NEWINGTON_C2	168.2	165.2	-3.0	
126663 COGENTG5	55.7	56.7	1.0	105478 NEWINGTON_S1	195.0	189.5	-5.5	
126664 COGENST1	55.7	56.7	1.0	105633 GRANITE R ST	225.6	218.1	-7.5	
126665 COGENST2	56.1	57.1	1.0	106045 MOORE G2	40.0	39.0	-1.0	
126666 COGENST3	55.0	56.5	1.5	111067 MYSTIC GT 8A	242.0	235.5	-6.5	
126737 RNY 7EGT	0.0	2.5	2.5	111068 MYSTIC 8ST	232.4	225.4	-7.0	
126738 RNY 7WGT	0.0	2.5	2.5	111069 MYSTIC GT 9A	242.0	235.5	-6.5	

GENERATION PARTICIPATION FOR THERMAL ANALYSIS

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<- GENERATOR MW-->					<----- GENERATOR MW ---->				
	BUS NAME	BASE	SHIFT	CHANGE		BUS NAME	BASE	SHIFT	CHANGE
126739	RNY 9EGT	0.0	2.5	2.5	111071	MYSTIC GT 8B	242.0	235.0	-7.0
129024	NRTPTG1	235.0	241.0	6.0	111072	MYSTIC GT 9B	244.0	237.0	-7.0
129025	NRTPTG2	235.0	241.0	6.0	111093	EDGAR GT1	240.0	239.0	-1.0
129026	NRTPTG3	235.0	241.0	6.0	111094	PILGRIM	700.0	687.0	-13.0
129027	NRTPTG4	235.0	241.0	6.0	111095	ANP BLKSTN 1	278.7	274.7	-4.0
129107	WADNGRV1	0.0	3.0	3.0	111096	ANP BLKSTN 2	277.7	276.2	-1.5
129108	WADNGRV2	0.0	3.0	3.0	111251	CANAL G1	566.0	559.0	-7.0
136702	OSWGO 5G	468.5	480.5	12.0	113096	BEARSWAMP 1	280.0	276.0	-4.0
137702	JMC2ST13	19.4	23.4	4.0	115740	SOMERSET G6	115.0	111.5	-3.5
147777	GILBOA#1	137.2	143.2	6.0					
147779	GILBOA#3	140.7	146.7	6.0					
147780	GILBOA#4	0.0	12.0	12.0					
	NE - NY								
111063	MYSTIC 7GT	510.0	514.0	4.0	125190	ROSE GN1	603.0	588.0	-15.0
111126	KENDALL CT	0.0	6.0	6.0	125192	ROSE GN2	595.0	590.5	-4.5
111252	CANAL G2	0.0	25.0	25.0	126651	IND PT 2	1020.0	1006.0	-14.0
114861	ANP BLLNGHM1	0.0	7.0	7.0	136700	9M PT 2G	1286.9	1274.9	-12.0
114862	ANP BLLNGHM2	0.0	8.0	8.0	137701	JMCGT13	60.0	58.0	-2.0
116413	NORTHFIELD 3	0.0	9.0	9.0	137711	BETHGT1	135.0	132.0	-3.0
116414	NORTHFIELD 4	0.0	9.0	9.0	137713	BETHGT3	135.0	132.0	-3.0
122030	KLEEN_C1	0.0	6.0	6.0	146841	BOW1	577.7	566.2	-11.5
122031	KLEEN_C2	0.0	6.0	6.0	147777	GILBOA#1	137.2	133.2	-4.0
122032	KLEEN_S1	0.0	7.0	7.0	147779	GILBOA#3	140.7	137.7	-3.0
123653	NEW HAVN HBR	0.0	13.0	13.0	147797	JAFITZ1G	846.5	836.5	-10.0
					147798	IP#3 GEN	1040.5	1022.5	-18.0
	NY - PJM								
129024	NRTPTG1	290.0	300.7	10.7		Scale shift to all			
136702	OSWGO 5G	727.3	749.4	22.1		PJM generation			
137460	ATHENSC3	180.0	192.5	12.5					
137559	BESI20G1	150.0	158.2	8.2					
137713	BETHGT3	135.0	146.1	11.1					
145005	JAMESGN7	25.0	29.4	4.4					
147778	GILBOA#2	0.0	25.8	25.8					
147787	BLISS2_GE_1G	12.8	14.0	1.1					
147800	BLISS1_GE_1G	57.2	59.9	2.7					
147821	NYPA108	40.0	41.4	1.4					
	PJM - NY								
	Scale shift from all				125190	ROSE GN1	590.2	584.9	-5.3
	PJM generation				126251	ER G6	134.0	130.9	-3.1
					126654	AST 3	373.0	363.9	-9.1
					126656	AST 5	273.9	271.9	-2.0
					126710	SCS18-G5	162.0	160.0	-2.0
					126711	SCS18-G6	222.0	220.0	-2.0
					131461	CAYUGA 2	144.0	141.8	-2.2
					131649	LEA 4S	65.5	60.3	-5.2

GENERATION PARTICIPATION FOR INTERFACES

<----- STUDY SYSTEM ----->				<----- OPPOSING SYSTEM ----->			
<--- GENERATOR MW-->				<---- GENERATOR MW --->			
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE
				136200 GERES LK	31.5	28.7	-2.8
				136704 OCWE GEN	32.4	30.6	-1.8
				136715 SITH-G1	50.5	46.4	-4.1
				136716 SITH-G2	50.5	46.4	-4.1
				136717 SITH-G3	50.5	46.2	-4.3
				137456 ATHENSC1	100.0	95.0	-5.0
				137458 ATHENSC2	109.0	103.1	-5.9
				137459 ATHENSS2	37.1	35.2	-1.9
				147797 JAFITZ1G	846.5	826.6	-20.0
				148708 Q308_GT1	158.0	152.0	-6.0
				148709 Q308_GT2	158.0	152.0	-6.0
				148710 Q308_ST	225.0	218.0	-7.0

This page is intentionally left blank

APPENDIX J

DISTRIBUTION FACTORS

This page is intentionally left blank

Table-1 DISTRIBUTION FACTORS FOR DYSINGER EAST CIRCUITS

Table-1 DISTRIBUTION FACTORS FOR DYSINGER EAST CIRCUITS														
Monitered Element					Base Flow	TRANSFER	KINTI-ROCH	NIAGAR-ROCH	STOLLE-HIGHSHELDON	WTHRS-MEYER	LOCKPT-SOUR	LOCKPT-SHEL	NIAGAR-ROCH	
SOMERSET345	345	ROCH	345	345 1	576.53	24.55%	TRIP	45.07%	14.92%	14.92%	15.28%	13.83%	0.00%	
STOLE230	230	SHLDN230	230	1	237.48	11.23%	6.09%	7.36%	TRIP	TRIP	6.16%	5.57%	13.40%	
ANDOVER1	115	PALMT115	115	1	0	0.00%	0/S	0/S	0/S	0/S	0/S	0/S	0/S	
LOCKPORT	115	SHEL-113	115	1	65.39	2.76%	3.56%	4.31%	3.52%	3.52%	14.99%	TRIP	7.85%	
LOCKPORT	115	NAKR-108	115	1	53.98	1.00%	1.29%	1.56%	1.27%	1.27%	3.78%	3.48%	2.83%	
LOCKPORT	115	OAKFLDTP	115	1	58.35	1.16%	1.50%	1.82%	1.48%	1.48%	4.41%	4.06%	3.31%	
LOCKPORT	115	SOUR-111	115	1	61.72	2.83%	3.65%	4.41%	3.60%	3.60%	TRIP	13.88%	8.03%	
LOCKPORT	115	TELRDTP1	115	1	75	1.32%	1.71%	2.06%	1.69%	1.69%	6.06%	6.10%	3.76%	
LOCKPORT	115	TELRDTP1	115	1	69.6	2.76%	3.56%	4.31%	3.52%	3.52%	11.52%	18.86%	7.84%	
NIAG 345	345	ROCH	345	345 1	415.08	36.00%	54.60%	TRIP	21.88%	21.88%	22.41%	20.27%	TRIP	
SUB-TOTALS						83.61%	75.95%	70.90%	51.88%	51.88%	84.60%	86.07%	47.02%	
L33P-L34P					-0.63	0.00%	8.70%	10.53%	8.99%	8.99%	4.37%	3.96%	19.17%	
PJM-NYISO					874.68	16.39%	15.35%	18.57%	39.13%	39.13%	11.03%	9.98%	33.81%	
TOTALS						100.00%	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	STOLLE-HIGHSHELDON	S121-SLEGH	PANNEL-FARM	PANNEL-CLAY
STOLE230	230	SHLDN230	230 1	237.48	11.23%	3.09%	TRIP	2.98%	8.35%	7.34%
QUAKER	115	MACDN115	115 1	45.79	0.31%	0.49%	0.43%	20.33%	3.29%	1.15%
S121 B#2	115	SLEIG115	115 1	79.14	2.54%	3.69%	1.98%	TRIP	10.67%	8.76%
ANDOVER1	115	PALMT115	115 1	0	0.00%	0/S	0/S	0/S	0/S	0/S
STA 162	115	S.PER115	115 1	34.55	0.47%	1.99%	16.86%	2.31%	4.95%	4.73%
MORTIMER	115	LAWLER-1	115 1	57.08	2.57%	2.74%	1.36%	4.10%	14.41%	6.50%
MORTIMER	115	LAWLER-2	115 1	32.71	2.65%	2.96%	1.19%	4.43%	6.10%	7.02%
PANNELL3	345	CLAY	345 1	-130.79	30.23%	TRIP	10.73%	19.23%	20.47%	0.00%
PANNELL3	345	CLAY	345 2	-131.19	30.33%	57.89%	10.76%	19.29%	20.53%	TRIP
PANNELLI	115	FRMGTN-4	115 1	151.38	3.29%	6.05%	8.58%	16.46%	TRIP	14.38%
SUB-TOTALS					83.61%	78.89%	51.88%	89.13%	88.77%	49.87%
L33P-L34P				-0.63	0.00%	7.74%	8.99%	3.23%	2.49%	18.38%
PJM-NYISO				874.68	16.39%	13.37%	39.13%	7.64%	8.74%	31.75%
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-3 DISTRIBUTION FACTORS FOR TOTAL EAST CIRCUITS

Table-3 DISTRIBUTION FACTORS FOR TOTAL EAST CIRCUITS															
Monitored Element				Base Flow	TRANSFER	PORTER-RTRDM	EDIC34-NSCOT	MARCY3-NSCOT	FRASER-GILBA	HOPATCONG-RAMPO	WALDWK-SMAWA	HUDSON-FARGT	LINDEN-GOETH	WALDWK-SMAWA	HUDSON-FARGT
PLAT T#3	115	NE_PV20_NY	115 1	111.43	0.00%	3.30%	2.85%	3.02%	1.77%	0.64%	0.05%	0.34%	0.47%	0.46%	0.52%
COOPC345	345	ROCK TAV	345 2	584.31	16.15%	3.78%	6.55%	6.92%	17.59%	3.48%	0.38%	0.34%	1.01%	3.24%	0.56%
HOPATCONG	500	RAMAPO 5	500 1	401.03	0.00%	1.86%	3.06%	3.15%	2.85%	TRIP	3.93%	8.33%	14.53%	35.65%	12.93%
G22_VFT345KV	345	COGNTech	345 1	299.32	0.00%	0.25%	0.40%	0.41%	0.48%	2.67%	0.26%	4.03%	17.44%	2.42%	6.12%
HUDSON1	345	B3402 PAR1	345 1	333.11	0.00%	0.89%	1.39%	1.44%	1.86%	7.50%	2.17%	TRIP	19.31%	19.87%	0.00%
HUDSON2	345	C3403 PAR2	345 1	332.74	0.00%	0.90%	1.42%	1.47%	1.87%	7.88%	2.06%	32.54%	19.69%	18.88%	TRIP
LINDEN	230	GOETHALS	230 1	334.14	0.00%	0.97%	1.54%	1.59%	1.88%	10.32%	0.98%	15.24%	TRIP	8.99%	23.11%
NEPTCONV	345	NWBRG	345 1	661.1	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	702.69	17.49%	3.93%	6.79%	7.17%	18.40%	3.97%	0.35%	0.13%	0.91%	3.84%	0.26%
FRASR345	345	GILB 345	345 1	259.91	18.00%	9.58%	23.13%	23.86%	TRIP	2.74%	0.21%	1.99%	2.55%	1.75%	2.99%
E.SPR115	115	INGHAM-E	115 1	-20.82	1.05%	0.96%	-0.18%	-0.17%	2.55%	0.13%	0.01%	0.08%	0.11%	0.09%	0.12%
W.WDB115	115	W.WDBR69	69.0 1	14.85	0.55%	0.36%	0.48%	0.51%	1.18%	0.03%	0.00%	0.09%	0.10%	-0.01%	0.14%
EDIC	345	N.SCOT77	345 1	734.07	17.86%	13.60%	TRIP	32.10%	18.85%	2.40%	0.20%	1.21%	1.70%	1.78%	1.84%
PORTER 2	230	ROTRDM.2	230 1	242.48	4.61%	TRIP	5.56%	5.66%	3.19%	0.60%	0.05%	0.32%	0.44%	0.43%	0.48%
PORTER 2	230	ROTRDM.2	230 2	242.44	4.60%	33.51%	5.56%	5.65%	3.19%	0.60%	0.05%	0.32%	0.44%	0.43%	0.48%
INGMS-CD	115	INGHAM-E	115 1	119.85	0.00%	9.22%	3.64%	3.69%	0.74%	0.30%	0.03%	0.15%	0.21%	0.22%	0.23%
MARCY T1	345	N.SCOT99	345 1	840.14	19.69%	14.82%	34.38%	TRIP	20.83%	2.65%	0.22%	1.35%	1.88%	1.96%	2.03%
WALDWICK	345	SMAHWAH1	345 1	-435.23	-0.21%	1.03%	1.73%	1.78%	1.30%	27.34%	89.07%	17.15%	9.84%	0.00%	24.65%
SMAH138	138	SMAHWAH1	345 1	-186.63	0.60%	-0.01%	-0.01%	-0.01%	0.23%	-0.61%	-3.37%	-0.94%	-0.58%	0.56%	-1.35%
WALDWICK	345	SMAHWAH2	345 1	-565.59	0.21%	1.02%	1.71%	1.76%	1.45%	26.76%	TRIP	16.40%	9.38%	TRIP	23.57%
SMAH138	138	RAMP138	138 1	-121.58	-0.42%	0.01%	0.01%	0.01%	-0.16%	0.58%	2.72%	0.69%	0.41%	-0.34%	0.99%
MONTVALE	69.0	BLUHILL	69.0 1	2.57	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	2.57	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	-37.43	-0.31%	-0.02%	-0.04%	-0.04%	-0.16%	0.01%	0.41%	0.13%	0.07%	-0.14%	0.18%
CRESSKIL	69.0	SPARKILL	69.0 1	-15.72	0.03%	0.01%	0.01%	0.01%	0.02%	0.00%	0.02%	0.02%	0.02%	-0.02%	0.03%
HCOR69	69.0	WNYA69	69.0 1	-14.98	0.11%	0.02%	0.03%	0.03%	0.07%	-0.01%	0.09%	0.08%	0.06%	-0.06%	0.11%
HCOR34	34.5	PEARL34	34.5 1	4.04	-0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%
MONTVALE	69.0	L491T	69.0 1	-40.96	0.03%	0.01%	0.01%	0.01%	0.02%	0.02%	0.10%	0.04%	0.03%	-0.02%	0.05%
HCOR138	138	CORPORATE DR	138 1	-92.11	-0.02%	0.00%	-0.01%	-0.01%	-0.01%	0.02%	0.04%	0.00%	-0.01%	0.01%	-0.01%
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-4 DISTRIBUTION FACTORS FOR UPNY-CONED CIRCUITS

Monitered Element				Base Flow	TRANSFER	PLVLLY-MILLW	PLVLLY-FISHK	RAMAPO-BUCHN	LADNTW-BUCHS	LINDEN-GOETH	HUDSON-FARGT	ROSETN-FISHK
ROSETON	345	E FISHKILL	345 1	1362.93	19.67%	-11.14%	15.32%	16.27%	22.35%	6.73%	7.23%	TRIP
E FISH I	115	E FISHKILL	345 1	-188.96	1.87%	-0.41%	2.58%	0.71%	0.77%	0.39%	0.37%	6.56%
FISHKILL	115	SYLVN115	115 1	106.38	0.99%	0.80%	-0.07%	0.34%	0.60%	0.18%	0.16%	0.55%
RAMAPO	345	BUCHANAN N	345 1	-147.61	13.44%	3.26%	-0.18%	TRIP	43.18%	11.95%	14.08%	13.33%
LADENTWN	345	BUCHANAN S	345 1	41.4	13.33%	17.84%	-3.62%	56.61%	TRIP	17.37%	20.80%	24.01%
PLTVLLEY	345	E FISHKILL	345 1	224.93	7.97%	23.63%	TRIP	-0.47%	-7.12%	0.67%	0.44%	32.33%
PLTVLLEY	345	E FISHKILL	345 2	224.93	7.97%	23.63%	66.24%	-0.47%	-7.12%	0.67%	0.44%	32.33%
PLTVLLEY	345	MILLWOOD	345 1	680.89	17.50%	TRIP	8.69%	3.09%	12.90%	1.89%	1.41%	-8.65%
PLTVLLEY	345	WOOD B	345 1	718.44	17.26%	34.97%	9.09%	3.08%	12.47%	1.89%	1.42%	-8.37%
SUB-TOTALS					100.00%	92.59%	98.05%	79.16%	78.05%	41.73%	46.37%	92.11%
LINDEN	230	GOETHALS	230 1	334.14	0.00%	0.75%	0.10%	4.50%	4.99%	TRIP	15.24%	2.08%
HUDSON1	345	B3402 PAR1	345 1	333.11	0.00%	0.71%	0.08%	6.72%	7.57%	19.31%	TRIP	2.83%
HUDSON2	345	C3403 PAR2	345 1	332.74	0.00%	0.72%	0.08%	6.54%	7.37%	19.69%	32.54%	2.77%
NRTHPT P	138	NRTHPT1	138 1	99.24	0.00%	5.03%	1.66%	1.88%	0.70%	1.84%	1.82%	-0.33%
G22_VFT345KV	345	COGNTECH	345 1	299.32	0.00%	0.19%	0.03%	1.19%	1.32%	17.44%	4.03%	0.54%
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-5 DISTRIBUTION FACTORS FOR SPRAINBROOK DUNWOODIE SOUTH CIRCUITS

Monitered Element				Base Flow	TRANSFER	SPRAIN-TRMNT	SPRAIN-W49TH	DUNWDE-RAINY	VSTR-JAMAICA	LKSUC-JMAICA	REAC72-MOTT
SPRAINBROOK	345	TREMONT	345 1	399.72	0.00%	TRIP	2.52%	2.33%	5.04%	4.87%	2.88%
SPRAINBROOK	345	ACADEMY	345 1	311.35	0.00%	21.17%	2.24%	2.06%	4.47%	4.31%	2.55%
REACM51	345	W 49 ST	345 1	188.74	24.38%	4.27%	TRIP	18.08%	6.86%	6.69%	0.00%
REACM52	345	W 49 ST	345 2	188.74	24.38%	4.27%	20.84%	18.08%	6.86%	6.69%	22.57%
DUN NO1R	138	S CREEK W	138 1	64.25	0.00%	12.00%	1.20%	1.28%	2.54%	2.50%	1.54%
DUN NO2R	138	S CREEK E	138 1	114.84	0.00%	13.61%	1.36%	1.45%	2.88%	2.83%	1.75%
DUN S01R	138	E179 ST W	138 1	84.64	0.00%	19.55%	1.96%	2.07%	4.14%	4.06%	2.50%
V STRM P	138	JAMAICA	138 1	122.15	0.00%	5.87%	4.72%	4.65%	TRIP	45.23%	5.68%
L SUCSPH	138	JAMAICA	138 1	164.68	0.00%	5.46%	4.44%	4.51%	43.57%	TRIP	5.49%
REAC71	345	MOTT HAVEN	345 3	177.86	25.71%	4.03%	18.48%	TRIP	6.90%	6.95%	26.55%
REAC72	345	MOTT HAVEN	345 4	176.66	25.53%	4.00%	18.35%	22.21%	6.85%	6.90%	TRIP
SUB-TOTALS					100.00%	94.21%	76.12%	76.71%	90.09%	91.02%	71.49%
LINDEN	230	GOETHALS	230 1	334.14	0.00%	1.96%	5.60%	5.52%	2.45%	2.21%	6.74%
HUDSON1	345	B3402 PAR1	345 1	333.11	0.00%	1.68%	8.50%	8.26%	3.43%	3.12%	10.12%
HUDSON2	345	C3403 PAR2	345 1	332.74	0.00%	1.64%	8.31%	8.07%	3.38%	3.07%	9.88%
G22_VFT345KV	345	COGNTECH	345 1	299.32	0.00%	0.52%	1.47%	1.45%	0.64%	0.58%	1.77%
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-6 DISTRIBUTION FACTORS FOR MOSES SOUTH CIRCUITS

Monitered Element				Base Flow	TRANSFER	MASSEN_CHAT	MASSEN-MARCY	MOSES2-ADRON	MOSES2-ADRONB1
ALCOA-NM	115	BRADY	115 1	23.61	1.39%	0.34%	2.17%	0.89%	1.85%
ALLENS F	115	COLTON	115 1	-28.61	1.96%	0.19%	1.84%	0.78%	1.60%
DENNISON	115	ANDRWS-4	115 1	8.28	2.61%	0.64%	4.07%	1.67%	3.48%
DENNISON	115	LWRNCE-B	115 1	9.75	2.62%	0.64%	4.07%	1.67%	3.48%
MASS 765	765	MARCY765	765 1	1295.72	67.30%	70.76%	TRIP	38.27%	0.00%
MOSES W	230	ADRON B1	230 1	134.41	12.06%	2.45%	18.74%	TRIP	TRIP
MOSES W	230	ADRON B2	230 1	134.42	12.06%	2.45%	18.74%	37.92%	48.58%
SUB-TOTALS					100.00%	77.46%	49.63%	81.20%	58.98%
MOSES E	230	ST_LAWR_L33P	230 1	0.37	0.00%	8.63%	16.62%	6.08%	13.40%
MOSES E	230	ST_LAWR_L34P	230 1	0.26	0.00%	10.74%	20.68%	7.56%	16.68%
MOSES W	230	WILLIS E	230 1	114.68	0.92%	1.66%	7.34%	2.92%	6.17%
MOSES W	230	WILLIS W	230 1	114	0.91%	1.65%	7.30%	2.90%	6.13%
TOTALS					101.83%	100.14%	101.57%	100.66%	101.36%

Table-7 DISTRIBUTION FACTORS FOR NEISO NYISO CIRCUITS

Monitered Element				Base Flow	TRANSFER	NHHAR_GEN	VTYANK_GEN	YRMTH_GEN	SBRK_GEN	HIGATE_DC	ELLRIVER	MADWAS_DC	ALPS34-MANY	PV.345-LNGMT
NE_PV20_NY	115	PLAT T#3	115 1	-111.43	0.00%	4.18%	7.69%	7.56%	7.35%	36.32%	7.61%	7.61%	7.90%	4.98%
NE_K37_NY	115	WHITEHAL	115 1	25.1	0.00%	2.29%	6.65%	4.92%	4.76%	6.92%	4.94%	4.94%	9.62%	4.34%
NE_K6_NY	115	HOOSICK	115 1	25.07	3.85%	1.54%	2.29%	2.74%	2.78%	1.41%	2.74%	2.74%	9.38%	2.96%
NE_E205W_NY	230	ROTRDM.2	230 1	33.8	10.15%	4.33%	6.03%	7.72%	7.83%	3.92%	7.71%	7.71%	14.47%	7.14%
NE_393_NY	345	ALPS345	345 1	-17.13	37.73%	18.78%	37.21%	31.69%	31.42%	21.62%	31.67%	31.67%	TRIP	36.96%
NE_398_NY	345	PLTVLLEY	345 1	-43.8	47.20%	49.37%	28.86%	32.89%	33.27%	21.13%	32.86%	32.86%	45.17%	TRIP
NE_690_NY	69.0	SMITHFLD	69.0 1	0.3	1.07%	1.08%	0.68%	0.79%	0.79%	0.49%	0.78%	0.78%	1.20%	2.77%
NE_601_NY	138	NRTHPT P	138 1	33.26	0.00%	6.17%	3.54%	3.91%	3.95%	2.74%	3.91%	3.91%	4.10%	13.68%
NE_602_NY	138	NRTHPT P	138 2	33.15	0.00%	6.16%	3.53%	3.90%	3.94%	2.73%	3.90%	3.90%	4.09%	13.64%
NE_603_NY	138	NRTHPT P	138 3	32.93	0.00%	6.11%	3.51%	3.88%	3.91%	2.71%	3.87%	3.87%	4.06%	13.55%
SHMHVDCL	192	SHOREHAM2	138 1	330	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-8 DISTRIBUTION FACTORS FOR ONTARIO NYISO CIRCUITS

Monitered Element	Base Flow	TRANSFER	PA27-NIAGAR	BP76-PACKD2	STLAWR34-MOSES	STLAWR33-MOSES	BECKB-NIAGAR	BECKA-PA302
BECK_#2_BP76 230 PACKARD2 230 1	24.21	17.93%	27.35%	TRIP	3.89%	4.46%	18.50%	38.83%
BECK_#2_H301 345 NIAG 345 345 1	18.02	31.41%	33.15%	30.82%	7.14%	8.18%	52.35%	TRIP
BECK_#2_H302 345 NIAG 345 345 1	18.02	31.41%	33.15%	30.82%	7.14%	8.18%	TRIP	0.00%
ST_LAWR_L33P 230 MOSES E 230 1	-0.37	0.00%	1.02%	1.07%	TRIP	59.59%	1.18%	2.47%
ST_LAWR_L34P 230 MOSES E 230 1	-0.26	0.00%	1.27%	1.33%	64.73%	TRIP	1.46%	3.07%
BECK_#2_PA27 230 NIAGAR2W 230 1	-53.62	19.26%	TRIP	31.36%	4.28%	4.90%	22.81%	47.88%
SUB-TOTALS		100.00%	95.95%	95.40%	87.18%	85.31%	96.30%	92.24%
ON-MICH	-7.66	0.00%	3.78%	4.29%	11.80%	13.52%	3.45%	7.24%
TOTALS		100.00%	99.73%	99.69%	98.98%	98.83%	99.75%	99.48%

Table-9 DISTRIBUTION FACTORS FOR PJM-NYISO CIRCUITS

Table-9 DISTRIBUTION FACTORS FOR PJM-NYISO CIRCUITS															
Monitored Element				Base Flow	TRANSFER	ERIESO-FALCS	HMRCTY-STOLL	HMRCTY-WATER	E.TOWD-HILLS	HOPATCONG-RAMPO	WALDWK-SMAWA	HUDSON-FARGT	LINDEN-GOETH	WALDWK-SMAWA	HUDSON-FARGT
HOPATCONG	500	RAMAPO 5	500 1	401.03	0.00%	6.32%	6.64%	10.90%	7.95%	TRIP	3.93%	8.33%	14.53%	3.93%	12.93%
G22_VFT345KV	345	COGNTECH	345 1	299.32	0.00%	0.64%	0.68%	1.10%	0.80%	2.67%	0.26%	4.03%	17.44%	0.26%	6.12%
HUDSON1	345	B3402 PAR1	345 1	333.11	0.00%	2.05%	2.16%	3.45%	2.60%	7.50%	2.17%	TRIP	19.31%	2.17%	0.00%
HUDSON2	345	C3403 PAR2	345 1	332.74	0.00%	2.11%	2.22%	3.55%	2.67%	7.88%	2.06%	32.54%	19.69%	2.06%	TRIP
LINDEN	230	GOETHALS	230 1	334.14	0.00%	2.52%	2.65%	4.30%	3.13%	10.32%	0.98%	15.24%	TRIP	0.98%	23.11%
NEPTCONV	345	NWBRG	345 1	661.1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26HOMER CY	345	STOLE345	345 1	115.37	14.12%	15.79%	TRIP	13.42%	2.40%	1.46%	0.13%	0.53%	0.82%	0.13%	0.81%
26HOMER CY	345	WATRC345	345 1	322.8	23.19%	6.50%	16.47%	TRIP	14.08%	2.94%	0.25%	1.03%	1.63%	0.25%	1.58%
26E.TWANDA	230	HILSD230	230 1	-181.1	21.41%	6.25%	4.24%	20.30%	TRIP	3.10%	0.28%	1.13%	1.72%	0.28%	1.72%
26LAUREL L	115	WESTOVER115	115 1	-73.65	6.62%	1.04%	0.87%	2.56%	11.05%	0.99%	0.09%	0.36%	0.55%	0.09%	0.54%
26E.SAYRE	115	N.WAV115	115 1	-53.76	7.56%	2.07%	1.58%	4.26%	29.55%	1.08%	0.10%	0.39%	0.60%	0.10%	0.60%
26ERIE E	230	S RIPLEY	230 1	-152.52	20.45%	TRIP	21.73%	7.28%	4.86%	1.91%	0.17%	0.69%	1.08%	0.17%	1.05%
26WARREN	115	FALCONER	115 1	-21.53	6.65%	20.84%	8.62%	1.92%	2.79%	0.66%	0.06%	0.24%	0.37%	0.06%	0.37%
WALDWICK	345	SMAHWAH1	345 1	-435.23	-0.10%	4.00%	4.20%	6.92%	5.18%	27.34%	89.07%	17.15%	9.84%	89.07%	24.65%
SMAH138	138	SMAHWAH1	345 1	-186.63	0.27%	-0.37%	-0.39%	-0.67%	-0.49%	-0.61%	-3.37%	-0.94%	-0.58%	-3.37%	-1.35%
WALDWICK	345	SMAHWAH2	345 1	-565.59	0.10%	3.72%	3.91%	6.41%	4.80%	26.76%	TRIP	16.40%	9.38%	TRIP	23.57%
SMAH138	138	RAMP138	138 1	-121.58	-0.19%	0.27%	0.28%	0.48%	0.35%	0.58%	2.72%	0.69%	0.41%	2.72%	0.99%
MONTVALE	69.0	BLUHILL	69.0 1	2.57	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	2.57	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	-37.43	-0.14%	0.10%	0.11%	0.19%	0.14%	0.01%	0.41%	0.13%	0.07%	0.41%	0.18%
CRESSKIL	69.0	SPARKILL	69.0 1	-15.72	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.02%	0.02%	0.02%	0.03%
HCOR69	69.0	WNYA69	69.0 1	-14.98	0.05%	0.00%	0.00%	0.00%	0.00%	-0.01%	0.09%	0.08%	0.06%	0.09%	0.11%
HCOR34	34.5	PEARL34	34.5 1	4.04	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%
MONTVALE	69.0	L491T	69.0 1	-40.96	0.01%	0.00%	0.01%	0.01%	0.01%	0.02%	0.10%	0.04%	0.03%	0.10%	0.05%
HCOR138	138	CORPORATE DR	138 1	-92.11	-0.01%	0.00%	0.00%	0.01%	0.01%	0.02%	0.04%	0.00%	-0.01%	0.04%	-0.01%
SUB-TOTALS					100.00%	73.84%	75.97%	86.37%	91.87%	94.61%	99.54%	98.05%	96.95%	99.54%	97.02%
MICH-ON				7.66	0.00%	24.45%	22.37%	12.69%	7.55%	4.99%	0.43%	1.81%	2.82%	0.43%	2.76%
TOTALS					100.00%	98.29%	98.33%	99.05%	99.42%	99.60%	99.97%	99.86%	99.77%	99.97%	99.78%

Table-10a GENERATION SHIFT FACTORS WITH ALL PARS HOLDING MW FLOW								
Monitered Element	CENTRAL-EAST	ONT-NYISO	ONTARIO-MICH	PJM-NYISO	WEST-CENTRAL	BBURG-RAMAPO	MARCY-SOUTH	UTICA-ALBANY
Base Flow	2269.6	6.01	-7.66	815.99	376.15	401.03	1505.23	2059.14
DUM1	46.09%	0.00%	0.00%	0.00%	81.47%	0.00%	23.00%	44.85%
DUM2	46.09%	0.00%	0.00%	0.00%	81.47%	0.00%	23.00%	44.85%
NIAGARA	46.09%	0.00%	0.00%	0.00%	81.47%	0.00%	23.00%	44.85%
HUNTLEY	45.90%	0.00%	0.00%	0.00%	80.67%	0.00%	22.72%	44.64%
OSWEGO	50.77%	0.00%	0.00%	0.00%	-2.16%	0.00%	29.96%	50.04%
GILBOA	1.58%	0.00%	0.00%	0.00%	0.27%	0.00%	1.26%	1.20%
BETH	-15.50%	0.00%	0.00%	0.00%	-0.26%	0.00%	11.11%	-13.58%
ATHENS	-5.70%	0.00%	0.00%	0.00%	-0.07%	0.00%	5.02%	-5.61%
ROSETON	0.29%	0.00%	0.00%	0.00%	0.01%	0.00%	-0.22%	0.27%
BOWLINE	1.31%	0.00%	0.00%	0.00%	0.02%	0.00%	-1.10%	1.26%
INDIANPT2	1.02%	0.00%	0.00%	0.00%	0.01%	0.00%	-0.86%	0.98%
NORWALK	-5.59%	0.00%	0.00%	0.00%	-0.10%	0.00%	4.31%	-5.21%
BRAYTON	-8.88%	0.00%	0.00%	0.00%	-0.16%	0.00%	6.71%	-8.20%
SBRK	-9.38%	0.00%	0.00%	0.00%	-0.17%	0.00%	7.08%	-8.67%
LAMBTON	46.47%	100.00%	0.00%	0.00%	83.61%	0.00%	23.56%	45.27%
BECK	46.47%	100.00%	0.00%	0.00%	83.61%	0.00%	23.56%	45.27%
CONEMAUGH	41.69%	0.00%	0.00%	100.00%	39.30%	0.00%	16.53%	40.01%
SALEM	41.60%	0.00%	0.00%	100.00%	38.08%	0.00%	16.39%	39.90%
PORTLAND	41.55%	0.00%	0.00%	100.00%	37.49%	0.00%	16.31%	39.84%
HUDSON	41.57%	0.00%	0.00%	100.00%	37.73%	0.00%	16.34%	39.86%
EDDYSTONE	41.59%	0.00%	0.00%	100.00%	38.00%	0.00%	16.38%	39.89%
BRANDON	41.68%	0.00%	0.00%	100.00%	39.05%	0.00%	16.51%	39.99%
KARNS	41.82%	0.00%	0.00%	100.00%	40.66%	0.00%	16.72%	40.15%
ZEEL	41.82%	0.00%	0.00%	100.00%	40.65%	0.00%	16.72%	40.15%
BOWEN	41.79%	0.00%	0.00%	100.00%	40.27%	0.00%	16.67%	40.11%
BAYSHORE	41.85%	0.00%	0.00%	100.00%	40.91%	0.00%	16.76%	40.18%
MTSTORM	41.75%	0.00%	0.00%	100.00%	39.87%	0.00%	16.62%	40.07%
HATFIELD	41.76%	0.00%	0.00%	100.00%	39.98%	0.00%	16.63%	40.08%
NEWTON	41.80%	0.00%	0.00%	100.00%	40.46%	0.00%	16.70%	40.13%
HOPATCONG-RAMAPO	-7.31%	-5.39%	4.99%	5.39%	-6.29%	TRIP	-3.95%	-6.24%

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

Monitered Element	CENTRAL-EAST	ONT-NYISO	ONTARIO-MICH	PJM-NYISO	WEST-CENTRAL	BBURG-RAMAPO	MARCY-SOUTH	UTICA-ALBANY
Base Flow	2269.6	6.01	-7.66	815.99	376.15	401.03	1505.23	2059.14
DUM1	28.85%	-16.16%	15.03%	16.16%	49.69%	6.10%	14.25%	24.93%
DUM2	28.85%	-16.16%	15.03%	16.16%	49.69%	6.10%	14.25%	24.93%
NIAGARA	28.85%	-16.16%	15.03%	16.16%	49.69%	6.10%	14.25%	24.93%
HUNTLEY	28.31%	-16.62%	15.46%	16.62%	47.75%	6.37%	13.85%	24.41%
OSWEGO	40.22%	-8.90%	8.26%	8.90%	-14.07%	0.79%	23.49%	36.11%
GILBOA	-5.11%	-4.50%	4.17%	4.50%	-5.57%	-2.45%	-1.96%	-5.46%
BETH	-22.38%	-4.97%	4.60%	4.97%	-5.44%	-2.49%	8.46%	-17.72%
ATHENS	-10.96%	-3.69%	3.42%	3.69%	-4.33%	-3.41%	2.64%	-10.46%
ROSETON	-3.07%	-2.21%	2.05%	2.21%	-2.60%	-4.96%	-1.54%	-2.79%
BOWLINE	0.14%	-0.53%	0.49%	0.53%	-0.64%	-8.57%	-1.12%	0.09%
INDIANPT2	-0.23%	-0.60%	0.55%	0.60%	-0.71%	-7.62%	-0.93%	-0.22%
NORWALK	-7.71%	-2.41%	2.23%	2.41%	-2.46%	-3.78%	1.89%	-5.33%
BRAYTON	-15.69%	-4.02%	3.72%	4.02%	-3.69%	-3.16%	5.36%	-9.47%
SBRK	-17.04%	-4.29%	3.97%	4.29%	-3.78%	-3.02%	5.98%	-9.59%
LAMBTON	22.47%	42.01%	57.39%	57.99%	24.82%	9.87%	10.37%	18.92%
BECK	29.42%	78.04%	20.44%	21.96%	46.91%	6.02%	14.68%	25.27%
CONEMAUGH	13.02%	8.69%	-8.08%	91.31%	10.95%	14.56%	4.72%	11.08%
SALEM	8.58%	5.61%	-5.19%	94.39%	6.44%	17.16%	2.72%	7.29%
PORTLAND	7.12%	4.07%	-3.77%	95.93%	4.72%	15.79%	2.01%	6.06%
HUDSON	2.76%	1.45%	-1.34%	98.55%	1.67%	6.33%	0.39%	2.34%
EDDYSTONE	8.53%	5.50%	-5.09%	94.50%	6.33%	17.27%	2.68%	7.25%
BRANDON	11.93%	9.43%	-8.71%	90.57%	10.16%	15.31%	4.32%	10.13%
KARNS	17.72%	23.98%	-22.94%	76.02%	18.07%	12.21%	7.52%	14.98%
ZEEL	17.55%	23.37%	-22.26%	76.63%	17.83%	12.30%	7.42%	14.85%
BOWEN	15.29%	16.08%	-14.42%	83.93%	14.62%	13.45%	6.11%	12.97%
BAYSHORE	17.49%	22.30%	-21.54%	77.70%	17.80%	12.30%	7.37%	14.81%
MTSTORM	13.90%	12.28%	-11.35%	87.72%	12.66%	14.18%	5.32%	11.81%
HATFIELD	14.17%	12.01%	-11.14%	87.99%	12.88%	13.99%	5.42%	12.04%
NEWTON	16.02%	18.10%	-16.16%	81.91%	15.64%	13.07%	6.52%	13.57%
HOPATCONG-RAMAPO	-7.31%	-5.39%	4.99%	5.39%	-6.29%	TRIP	-3.95%	-6.24%

This page is intentionally left blank