

APPENDIX A

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

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SUMMARY OF NET INTERCHANGE SCHEDULES

TO FROM	NYISO	PJM	IESO	ISONE	NB/NS	Trans Énergie	Cross- Sound	Neptune -HVdc	Linden VFT	Other Control Areas	TOTAL EXPORT+ IMPORT-
NYISO		-719	0	81	0	0	-330	-661	-300	110	-1819
PJM	719		0	0	0	0	0	661	300	-744	936
IESO	0	0		0	0	-1250	0	0	0	0	-1250
ISONE	-81	0	0		0	-230	330	0	0	0	19
NB/NS	0	0	0	0		0	0	0	0	0	0
Trans Énergie	0	0	1250	230	0		0	0	0	45	1525

APPENDIX A
SUMMARY OF WINTER 2011-12 BASE TRANSFERS

NEW BRUNSWICK/NOVA SCOTIA	
New Brunswick to TransÉnergie: Madawaska and Eel River HVdc	0
New Brunswick to New England	0
Total Export (+) / Import (-)	0

NEW ENGLAND	
New England to New Brunswick	0
New England to TransÉnergie: Sandy Pond HVdc	0
New England to TransÉnergie: Vermont	-230
New England to New York	-81
New England to NY: Cross-Sound	330
Total Export (+) / Import (-)	19

NEW YORK ISO	
New York to TransÉnergie	0
New York to New England	81
New York to New England: Cross-Sound	-330
New York to PJM: NYPA to PA-RECS	67
New York to PJM: Sithe Allegheny	-36
New York to PJM: Non-Firm Energy	-750
New York to PJM: Linden VFT	-300
New York to PJM: Neptune HVdc	-661
New York to MISO: NYPA to AMP- Ohio	110
New York to IESO (Ontario)	0
Total Export (+) / Import (-)	-1819

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

APPENDIX A	
SUMMARY OF WINTER 2011-12 BASE TRANSFERS	
PJM	
PJM to New York: NYPA to PA-RECS	-67
PJM to New York: Sithe Allegheny	36
PJM to New York: Non Firm Energy	750
PJM to New York: Neptune HVdc	661
PJM to New York: Linden VFT	300
Miscellaneous Transfers to Other Areas	-744
Total Export (+) / Import (-)	936

TRANSÉNERGIE	
TransÉnergie to New Brunswick: Madawaska and Eel River HVdc	0
TransÉnergie to New England: Sandy Pond HVdc	0
TransÉnergie to New England: Vermont	230
TransÉnergie to New York	0
TransÉnergie to IESO (Ontario)	1250
TransÉnergie to Cornwall	45
Total Export (+) / Import (-)	1525

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APPENDIX B

WINTER 2011-12 BASE CASE CONDITIONS

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Winter 2011-12 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	388 MW	In Service
Dunkirk	526 MW	In Service
Niagara	2643 MW	In Service
AES/Somerset	702 MW	In Service
GINNA	558 MW	In Service
Sithe/Independence	1080 MW	In Service
Oswego #5	0 MW	Out of Service
Oswego #6	0 MW	Out of Service
Nine Mile Pt #1	646 MW	In Service
Nine Mile Pt #2	1216 MW	In Service
J.A. Fitzpatrick	876 MW	In Service
Maple Ridge Wind Farm	97 MW	In Service
St. Lawrence/FDR (17-32)	772 MW	In Service
Athens	675 MW	In Service
Bethlehem Energy Center	500 MW	In Service
Gilboa	221 MW	In Service
Roseton 1	591MW	In Service
Roseton 2	630 MW	In Service
Indian Pt #2	1061 MW	In Service
Indian Pt #3	1076 MW	In Service
Bowline Pt 1	0 MW	Out of Service
Bowline Pt 2	0 MW	Out of Service
Astoria Energy II	350 MW	In Service
NYPA Astoria Combined-Cycle	347 MW	In Service
Ravenswood #3	760 MW	In Service
ECP/Linden Cogen	378 MW	In Service
Arthur Kill #3	141 MW	In Service
Northport 1	0MW	Out of Service
Northport 2	140 MW	In Service
Northport 3	140 MW	In Service
Northport 4	140 MW	In Service

ISO-NE

Millstone Point #2	940 MW	In Service
Millstone Point #3	1276MW	In Service
Vermont Yankee	667 MW	In Service
Northfield 1 & 2	500 MW	In Service
Bear Swamp 1	280MW	In Service
Norwalk Harbor 1 & 2	0/0 MW	Out of Service
Seabrook	1318 MW	In Service

Ontario

Darlington (4/4 Units)	3475 MW	In Service
Beck 1 & 2	284/1260 MW	In Service
Bruce A (2/4 Units)	1499 MW	In Service
Bruce B (4/4 Units)	3319 MW	In Service
Lambton (0/4 Units)	0 MW	Out of Service
Pickering (A & B, 5/8 Units)	953/1517 MW	In Service
Nanticoke (2/6 Units)	500 MW	In Service
St. Lawrence/Saunders (1-16)	565 MW	In Service

PJM

Peach Bottom #2	982 MW	In Service
Peach Bottom #3	1042 MW	In Service
Salem #1	1100 MW	In Service
Salem #2	1100 MW	In Service
Limerick #1	1100 MW	In Service
Limerick #2	1090 MW	In Service
Hope Creek	1085 MW	In Service
Susquehanna #1	1239 MW	In Service
Susquehanna #2	1144 MW	In Service

TransÉnergie HVdc CONVERTER SCHEDULES

Chateauguay HVdc	720 MW	In Service
Sandy Pond HVdc	0 MW	Out of Service
Highgate HVdc	199 MW	In Service
Madawaska HVdc	0 MW	Out of Service
Eel River HVdc	0 MW	Out of Service

AREA LOADS & LOSSES

NYISO	24,981 MW
ISO-NE	22,270 MW
IESO (Ontario)	24,425 MW
PJM	49,348 MW

PHASE ANGLE REGULATOR SCHEDULES

Inghams (CD-ED)	120 MW
Sandbar PAR (PV20)	0 MW
St. Lawrence-Moses L33P	0 MW
St. Lawrence-Moses L34P	0 MW
Norwalk Harbor-Northport	100 MW
Jamaica-Valley Stream	-107 MW
Jamaica-Lake Success	-210 MW
Hudson-Farragut (B3402)	333 MW
Hudson-Farragut (C3403)	333 MW
Linden-Goethals	333 MW
Waldwick-Hinchmans	325 MW
Waldwick-Fairlawn	345 MW
Waldwick-Hillsdale	330 MW
Ramapo PAR #1 (+ to NY)	220 MW
Ramapo PAR #2 (+ to NY)	220 MW
East Garden City #1	317.5 MW
East Garden City #2	317.5 MW

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APPENDIX C

POWER FLOW TRANSCRIPTION DIAGRAMS

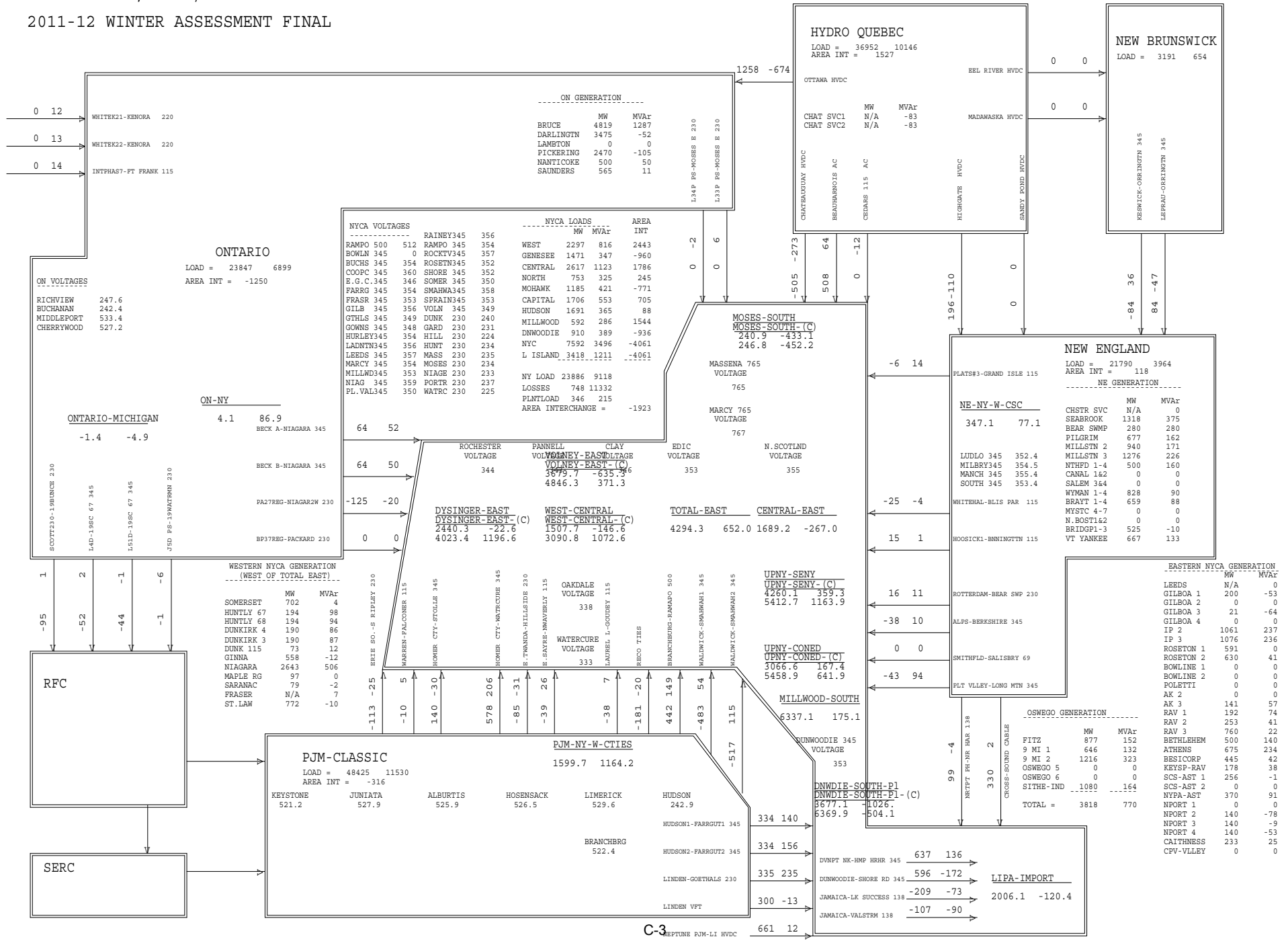
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2011-12 WINTER ASSESSMENT FINAL



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APPENDIX D

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

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WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
ACADEMY__138A_138B_PAR1	PAR1	138	301	360	451	325751
ACADEMY__138A_138B_PAR8	PAR8	138	301	360	451	325750
ACADEMY__345_138_TR1	TR1	345	303	368	446	325753
ACADEMY__345_138_TR8	TR8	345	303	368	446	325752
ADIRNDCK-CHASLAKE_230_13	13	230	478	478	634	325233
ADIRNDCK-EDIC_PTR_230_12-AP	12	230	478	478	634	25082
ALBANY__GREENBSH_115_1	1	115	227	248	268	25860
ALBANY__GREENBSH_115_2	2	115	227	248	268	25868
ALBANY__TRINITY__115_5	5	115	214	256	317	25861
ALBANY__TRINITY__115_9	9	115	159	178	258	25872
ALCOA__DENNISON_115_12-AD	12	115	213	234	251	25227
ALCOA__NOGDNBRG_115_13-ANO	9	115	156	159	159	25230
ALCOA_N.-ALCOA____115_R8105	R8105	115	263	294	348	25202
AMAWALK_-MOHANSIC_115_995 U.G.	995UG	115	87	88	98	26481
AMAWALK_-MOHANSIC_115_996 U.G.	996UG	115	106	107	107	26480
AMERISTD_115/12__BK 2	923	115	44	44	51	25429
AMERISTD-GARDNVLB_115_182-3	182	115	168	212	239	26015
ANDOVER_-PALMITER_115_157_932	157	115	97	117	119	25094
ARCADE__HOMER_HL_115_151-2	151-2	115	141	144	159	26452
ARCHERLN-NORWJCT__345_3403C	3403C	345	748	922	1823	101015019
ARCHERLN-NORWJCT__345_3403D	3403D	345	748	922	1823	101015020
ARSENAL_-REYNOLDS_115_31	31	115	156	170	181	26423
ASH_____-TEMPLE__115_9	9	115	207	233	233	26062
ASHLEYRD-MASONCR__115_909	909	115	189	207	221	25847
ASHLEYRD-PLATSBRG_115_700	700	115	179	179	239	25845
ASTORIAE-ASTORIA3_138_34123	34123	138	225	335	400	25876
ASTORIAE-CORONA____138_34181	34181	138	177	254	393	25277
ASTORIAE-CORONA____138_34182	34182	138	177	254	393	25278
ASTORIAE-CORONA____138_34183	34183	138	177	254	393	25279
ASTORIAE-CORONA____138_34184	34184	138	177	254	393	25280
ASTORIAE-CORONA____138_34185	34185	138	177	254	393	25281
ASTORIAE-CORONA____138_34186	34186	138	177	254	393	25282
ASTORIAW_138_13__GT10-13	GT10-13	138	103	137	170	25612
ASTORIAW-QUENBRDG_138_28241	28241	138	177	254	393	25315
ASTORIAW-QUENBRDG_138_28242	28242	138	177	254	393	25316
ASTORIAW-QUENBRDG_138_28243	28243	138	355	508	645	25317
ASTORIAW-QUENBRDG_138_28244	28244	138	355	508	645	25318
ATHENS__PLSNTVLY_345_91	91	345	1624	1783	1945	25054
BAGATLRD-PILGRIM__138_564	564	138	572	628	698	325607
BAKER_ST-FALCONER_115_160-3	160-3	115	222	234	239	26513
BALLSTNE-BROOK_E__115_1	1	115	141	144	165	26511
BALLSTNW-BROOK_W__115_2	2	115	141	144	165	26510
BARBEACH-GLENWD____69__472	472	69	71	72	72	325219
BARBOURH-MEEK.JCT_345_395-1	395-1	345	1518	1805	2217	101015041
BARRETT__138_69__BK 1	BK 1	138	133	164	164	26600
BARRETT__138A_138B_PAR	B_PAR	138	208	285	297	25590
BARRETT_-BELLMORE_69__359_349	359_349	69	126	144	144	26596

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
BARRETT-FREEPORT_138_459	459	138	220	301	313	26425
BATAVIA-SBATAVIA_115_117	117	115	239	239	239	26017
BATH-MONTRFL_115_965	965	115	146	149	149	26163
BATNKILL-MULTP-10_115_10	10	115	222	234	268	26121
BATTHILL-PYRITES_115_7-BHP	7	115	93	101	107	26065
BAYPORT-HOLBROOK_69_776_859	776_859	69	101	112	117	26556
BEAR SWP-ROTTRDAM_230_E205W	E205W	230	511	545	574	25030
BECK NM-SWANROAD_115_104-1	104	115	199	199	199	25042
BECK-NIAGARA_230_PA27	PA27	230	480	540	685	25025
BECK-NIAGARA_345_PA301	PA301	345	1180	1469	1860	25040
BECK-NIAGARA_345_PA302	PA302	345	1180	1469	1860	25041
BECK-PACKARD_230_BP76	BP76	230	608	608	687	25024
BELLMORE-MASSAPEQ_69_566	566	69	139	144	144	26522
BELLMORE-NEWBRDGE_69_564	564	69	110	135	144	26590
BENETT-DUNKIRK_115_142-3	142	115	200	200	200	26019
BENNETT-BATH_115_953	953	115	146	160	178	26164
BERKSHIR-ALPS_345_393	393	345	1601	1757	1912	25034
BERKSHIR-NORTHFLD_345_312	312	345	1345	1345	1793	25366
BERRY_RD-BAKER_ST_115_160-2	160-2	115	245	257	282	26512
BESECK-ESTDEVON_345_3827	3827	345	2492	2958	3478	101015045
BESECK-HADDAM_345_348-2	348-2	345	1811	2145	2372	101015034
BESECK-HADDAMNK_345_362	362	345	1811	2145	2372	101015033
BETHLHEM-ALBANY_115_18-BA	18	115	388	427	474	26119
BIGTREE-DAVIS_RD_115_904	904	115	179	197	213	25162
BLACKRVR-CLIMAX_115_1-BC	2	115	141	144	159	26067
BLACKRVR-FORTDRUM_115_2-BF	2	115	141	144	159	26068
BLACKRVR-LIGHTHSE_115_6-BLH	6	115	141	144	159	25506
BLAKE-RAINBOW_115_9 EQ	9 EQ	115	170	185	197	68471
BLAKE-STARK_115_9 EQ	9 EQ	115	170	185	197	68825
BLISSVIL-WHITEHAL_115_7	7	115	239	239	239	25028
BLUE_CIR-PLSTVYCH_115_8-BP	8-BP	115	141	144	159	25498
BLUE_S_A-PLSTVYCH_115_13-BP	13-BP	115	168	199	233	25505
BNNINGTN-HOOSICK_115_K6	K6	115	229	265	278	25029
BOONVLE-EDIC/PTR_115_2-BP	2	115	141	144	159	26073
BOONVLE-EDIC_PTR_115_1-BP	1	115	98	98	98	26074
BOONVLE-ROME_115_3-BR	5	115	128	135	152	26071
BOONVLE-ROME_115_4-BR	5	115	128	135	152	26072
BORDRCTY-GUARDIAN_115_969	969	115	179	179	179	325283
BOULEVRD-OHIOVLE_69_OB	OB	69	49	52	58	26212
BOWLINE_345_138_BK455	BK455	345	506	587	671	25664
BOWLINE-WHAVSTRW_345_67-1	67	345	777	837	837	25567
BOWLINOR-CONGERS_138_561	561	138	378	414	431	26723
BRANCHBG-RAMAPO_500_5018	5018	500	1158	1416	1924	25019
BRENTWOD-BRGHTWTR_69_763_764	763_764	69	139	144	144	26532
BRENTWOD-PILGRIM_69_660	660	69	109	119	126	26535
BRENTWOD-PILGRIM_69_768	768	69	237	239	239	26534
BRGHTWTR-WATSON_69_772_773	772_773	69	101	112	117	26537

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
BRIGHAM-LUDLUM_B_115_161-2	161	115	213	225	242	26020
BRISTLHL-FULTON__115_7-BF	7	115	128	135	152	26081
BRISTLHL-S.OSWEGO_115_7-SB	7	115	128	135	152	25512
BRNDSVLE-LYON_MTN_115_911	911	115	143	157	167	325704
BROOK_E-SPIERFLS_115_1	1	115	141	144	165	25874
BROOK_W-SPIERFLS_115_302	2	115	141	144	165	25873
BROOKHVN_138_69_BK 1	BK 1	138	272	335	446	26548
BROOKHVN_138_69_BK 2	BK 2	138	272	335	446	325152
BROOKHVN-EASTPORT_69__854_855	854_855	69	143	144	144	26620
BROOKHVN-EDWARDAV_138_864	864	138	308	481	593	25553
BROOKHVN-SILLSRD__138_874	874	138	572	628	698	325617
BROOKHVN-SILLSRD__138_887	887	138	457	502	558	325619
BROWNFLS-HIGLEY__115_1-BH	1	115	130	144	159	26078
BROWNFLS-TAYLORVL_115_3-BT	3	115	130	144	159	26076
BROWNFLS-TAYLORVL_115_4-BT	4	115	128	135	152	26077
BUCHAN_N_345_138_BK TA5	BK TA5	345	230	306	381	25425
BUCHAN_N-BUCHANAN_138_95891	95891	138	230	306	380	25568
BUCHAN_N-EASTVIEW_345_W93	W93	345	1822	2010	2552	25133
BUCHAN_S-MILLWOOD_345_W97	W97	345	1822	1976	2160	25146
BUCHAN_S-MILLWOOD_345_W98	W98	345	1828	1976	2160	25247
BUCHANAN-MILLWOOD_138_96951	96952	138	291	322	408	25283
BUCHANAN-MILLWOOD_138_96952	96951	138	291	322	408	25284
BULYMO__BOONVLE_115_6	6	115	141	144	159	325265
BURD_STE-VORHVSLE_115_19-BV	19-BV	115	128	135	152	26152
BURD_STW-ALTAMONT_115_17-BA	17-BA	115	141	144	165	26151
BURNS__138_69_BK 519	BK 519	138	208	258	284	25889
BURNS__HARNGCRN_138_702	702	138	189	222	250	25881
BURNS__N.HEMPST_138_531	530	138	282	309	321	25878
BURNS__NANUET__69_49	49	69	144	157	163	26252
BURNS__WHAVSTRW_138_541	919	115	171	179	179	25879
BUTLER__MOHICAN__115_18	18	115	141	144	165	26434
C._ISLIP_138_69_BK 3	BK 3	138	273	336	336	26519
C._ISLIP-BRENTWOD_69__758	758	69	139	154	164	26531
C._ISLIP-RONKOKMA_138_883	883	138	478	621	691	26497
CANAL__BUELL__69_972-968	972-968	69	120	121	121	325329
CANAL__RIVRHEAD_138_910	910	138	258	304	338	325242
CANANDGA-STONYRDG_230_68	68	230	600	625	653	25176
CARD__MILSTONE_345_383	383	345	1864	2187	2390	25332
CARMEL__CROTONFL_115_991	991	115	261	287	311	26155
CARMEL__WOODSTNY_115_992	992	115	261	287	311	325278
CARR_ST-DEWITT__115_15-CD	15	115	227	249	268	26093
CATON__HILLSIDE_115_960	958	115	119	120	120	325290
CAVANARD-EDIC_PTR_115_7	7	115	141	144	159	325214
CEDAR__WHITEHAL_115_6	6	115	141	144	165	26516
CEMENT__SAUGRTES_69_H-2	H	69	86	90	96	26214
CHADWICK-E.WALDEN_115_DW-3	DW-2	115	224	251	282	26218
CHADWICK-WBALMVLE_115_DW-2	DW-3	115	219	232	255	26217

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
CHASLAKE-EDIC_PTR_230_11	11	230	511	564	634	25051
CHATEAUG-BRND SVLE_115_911	911	115	143	157	167	325705
CHATGUAY-MASSENA__765_7040	MSC7040	765	3975	3975	5300	25301
CHESTROR-SUGRLOAF_138_271	271	138	282	309	321	325424
CHRCHTWN-BLUESTOR_115_13-BC	13-BP	115	120	120	120	26685
CHRCHTWN-CRARYVIL_115_984	984	115	138	167	179	26500
CHURCH_S-ROTRDAM_115_10-AR	10	115	141	144	165	26428
CLAY____345_115_BK 1	BK#1	345	354	410	448	25387
CLAY____345_115_BK 2	BK#2	345	590	764	796	25421
CLAY____-DEWITT__115_3-CD	5	115	141	144	165	25519
CLAY____-DEWITT__115_5-CD	3	115	245	260	282	25522
CLAY____-DEWITT__345_13-CD	13	345	1244	1244	1244	25168
CLAY____-EDIC_PTR_345_1-16	CE 1-16	345	1591	1745	1904	25200
CLAY____-EDIC_PTR_345_2-15	CE 2-15	345	1591	1745	1904	25169
CLAY____-HOPKINS__115_11-CH	11	115	239	239	239	25516
CLAY____-INDPDNCE_345_26	26	345	1918	2115	2390	25858
CLAY____-SOLVAY__115_14-CG _GE	14	115	141	144	165	25517
CLAY____-TEALLAVE_115_10-CT	10	115	141	144	165	25520
CLIMAX__-TAYLORVL_115_8-CT	2	115	128	135	152	26431
CLINTON__-IMC_TAP__115_15-CI	15-TAP	115	141	144	165	26128
CLNTN-NM-CLNTN-NY_115_NY-CLNTN	NY-CLNT	115	133	149	159	26714
CLNTN-NM-STATE_ST_115_971	971	115	146	159	159	25063
CLOSTER__-CRESSKL__69_61	61	69	141	154	160	325567
CLRKSCRN_345_115_BK1	BK#1	345	280	313	336	325724
CLRKSCRN_345_115_BK2	BK#2	345	280	313	336	325725
CLRKSCRN-OAKDALE__345_36	36	345	1279	1410	1781	325726
CLYDE____115_34__TR1	RG LOAD	115	152	166	175	25221
CLYDE____-STATE_ST_115_971	3	115	152	166	175	68810
COBBLENM_115/34__BK 1	906	115	45	47	53	25426
COBBLENM-HOMER_HL_115_152-2	152	115	141	144	159	26022
CODNIGTN-E. ITHACA_115_981-1	981-1	115	133	149	162	25730
CODNIGTN-ETNA____115_998	998	115	266	293	299	25734
COFFEEN__-GLENPARK_115_3-CG	3	115	119	119	119	26069
COFFEEN__-LIGHTHSE_115_5-CL	5	115	119	119	119	25504
COLDENHM-ROCKTVRN_115_J	J	115	256	282	349	26420
COLLIERS-RICHFELD_115_929	929	115	149	172	215	26169
COLTON__-FLATROCK_115_2-CF	2	115	139	146	159	26088
COLTON__-HIGLEY__115_1-HC	1	115	130	144	159	26087
COLTON__-S.COLTON_115_9 EQ	9 EQ	115	118	119	119	68826
COMMACK__-ELWOOD__69_669	669	69	101	112	117	325266
COMSTKNM-MOHICAN__115_13-MW	13-MW	115	141	144	159	26484
CONGERS__-W.NYACK__138_562	562	138	212	281	317	25887
COOPERNY-ROCKHILL_115_957		115	120	120	120	325614
COOPERS__345/115_BK 2	#2	345	248	298	300	25433
COOPERS__345/115_BK 3	#3	345	270	300	300	25434
COOPERS__-FERNDALE_115_950	950	115	179	179	179	26171
COOPERS__-MIDDLETP_345_CMT-34	CRT-34	345	1786	1793	1793	25110

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
COOPERS_-ROCKTVRN_345_CRT-42	CRT-42	345	1793	1793	1793	25111
CORAM___-WILDWOOD_69__870_883	870_883	69	139	144	144	26549
CORNITH_-SPIERFLS_115_9-CS	9-CS	115	271	297	325	26149
CORONA___138A_138B_BK R1	C_BK R1	138	214	285	354	25621
CORONA___138A_138C_BK R2	C_BK R2	138	214	285	354	25622
CORONA___-JAMAICA_138_18001	18001	138	311	372	421	25285
CORONA___-JAMAICA_138_18002	18002	138	273	334	382	25286
CORTLAND-FENERWND_115_3	3	115	152	166	175	325248
CORTLAND-TILDEN___115_18-CT	18	115	224	239	239	26089
CORTLAND-TULLERHL_115_1	947	115	145	170	179	26192
CRESSKL_-SPARKL___69__751	751	69	81	89	92	26504
CURRY_RD-WOLF_RD___115_8	8	115	141	144	165	26254
DANSKAMR-CHADWICK_115_DW-1	DW-1	115	224	251	291	26219
DANSKAMR-NCHELSEA_115_AC	AC	115	215	231	282	25829
DANSKAMR-NCHELSEA_115_DC	DC	115	200	217	355	25830
DANSKAMR-RYNDS_HL_115_DR	DR	115	237	282	315	25831
DANSKAMR-WBALMVLE_115_DB	DB	115	243	267	293	26221
DAVIS_RD-STOLLERD_115_927	927	115	238	239	239	26172
DEERFLD_-SCOBIE___345_373	373	345	1677	1677	1677	26383
DEFERIET-TAYLORVL_115_2-DT	2-DT	115	128	135	152	26090
DELHI___-DELHI_TP_115_951-1	951-1	115	164	164	164	26174
DELHI___-GR.GORGE_115_916	916	115	89	90	90	26479
DELHI___-VINGR_TP_115_917_916	917	115	120	120	120	25911
DELHI_TP-COLLIERS_115_951-2	951-2	115	239	239	239	26203
DENNISON-NORFOLK___115_4-DA	4	115	222	234	278	25225
DENNISON-SANDSTON_115_5-DS	5	115	222	234	278	25226
DEPEW_TP-DEPEW___115_BK 1	921	115	120	120	120	25428
DEPEW_TP-ERIE_ST___115_921	921	115	120	120	120	26010
DEWITT___345_115_BK 2	2	345	619	758	796	25418
DEWITT_-TEALLAVE_115_4-DT	4	115	141	144	165	26094
DULEY___-PLATSBRG_230_DP-1	DP-1	230	288	320	356	25272
DUNKIRK__230_115_BK 31	31	230	173	234	250	25386
DUNKIRK__230_115_BK 41	41	230	166	226	250	25430
DUNKIRK_-BERRY_RD_115_160-1	160	115	239	239	239	26025
DUNKIRK_-BRIGHAM___115_161-1	161	115	211	217	239	26021
DUNKIRK_-LUDLUM_A_115_162-1	162	115	193	203	237	26027
DUNWODIE_138__138__BK N1	BK N1	138	184	245	304	25624
DUNWODIE_138__138__BK N2	BK N2	138	184	245	304	25623
DUNWODIE_138__138__BK S1	BK S1	138	132	176	219	25626
DUNWODIE_138__138__BK S2	BK S2	138	132	176	219	25627
DUNWODIE_345_138_BK N1_W74	W74	345	543	628	700	25209
DUNWODIE_345_138_BK S1_W73	W73	345	414	540	663	25208
DUNWODIE-DUNWODIE_138_99997 TIE	99997	138	280	359	382	25532
DUNWODIE-E179THST_138_99153	99153	138	252	348	438	25287
DUNWODIE-MOTTHAVN_345_71	71	345	757	830	1125	25151
DUNWODIE-MOTTHAVN_345_72	72	345	757	830	1125	25191
DUNWODIE-SHERMCRK_138_99031	99031	138	154	186	255	25193

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
DUNWODIE-SHERMCRK_138_99032	99032	138	223	312	421	25239
DUNWODIE-SHORE_RD_345_Y50	Y50	345	721	959	1469	25091
E. ITHACA-ETNA___115_981-2	981-2	115	100	115	143	25733
E. SAYRE_-NWAVERLY_115_956	956	115	102	139	139	25013
E. TWANDA-HILLSIDE_230_70	70	230	512	564	598	25014
E. WALDEN_115_69__TR _3	TR _3	115	67	85	96	26681
E. WALDEN-COLDENHM_115_CW	CW	115	256	282	349	26225
E. WALDEN-MODENA___115_EM	EM	115	285	310	349	25832
E. WALDEN-ROCKTVRN_115_D	D	115	255	282	350	26226
E13THSTA_138_69__BK 111	BK 111	138	91	121	142	25526
E13THSTA_138_69__BK 112	BK 112	138	91	121	142	25527
E13THSTA_138_69__BK 113	BK 113	138	91	121	142	25528
E13THSTA_138_69__BK 114	BK 114	138	91	121	142	25529
E13THSTA_345/138_BK 10	37374	138	294	326	367	25467
E13THSTA_345/138_BK 11	37375	138	284	297	315	25468
E13THSTA_345/138_BK 12	37376	138	284	297	315	25463
E13THSTA_345/138_BK 13	37377	138	274	297	315	25464
E13THSTA_345/138_BK 14	37373	138	295	326	369	25465
E13THSTA_345/138_BK 15	37372	138	323	369	410	25466
E13THSTA_345/138_BK 16	37378	138	318	372	495	25469
E13THSTA_345_69__BK 17	44371	69	271	336	452	25459
E13THSTA_69B__69A__BK 111	BK 111	69	93	124	154	25630
E13THSTA_69C__69A__BK 112	BK 112	69	93	124	154	25631
E13THSTA_69D__69A__BK 113	BK 113	69	93	124	154	25632
E13THSTA_69E__69A__BK 114	BK 114	69	93	124	154	25633
E13THSTA-FARRAGUT_345_45	45	345	749	856	1283	25190
E13THSTA-FARRAGUT_345_46	46	345	692	832	1286	25251
E13THSTA-FARRAGUT_345_47	B47	345	455	742	1174	25177
E13THSTA-FARRAGUT_345_48	48	345	692	832	1286	25252
E179THST-HELLGT_E_138_15053	15053	138	184	259	401	25289
E179THST-HELLGT_E_138_15054	15054	138	184	259	401	25290
E179THST-HELLTP_W_138_15055	15055	138	251	347	516	25288
E179THST-PARKCHTR_138_38X01	38X01	138	191	305	494	25327
E179THST-PARKCHTR_138_38X02	38X02	138	191	305	494	25328
E179THST-PARKCHTR_138_38X03	38X04	138	201	305	494	25329
E179THST-PARKCHTR_138_38X04	38X03	138	201	305	494	25330
EASTPORT-RIVRHEAD_69__951	951	69	71	72	72	26589
EASTPORT-TIANA___69__952_953_95	52/3_95	69	120	121	121	26611
EASTVIEW_345/138_BK 1N	87873	138	438	493	493	25472
EASTVIEW_345/138_BK 1S	87871	138	438	493	493	25373
EASTVIEW_345/138_BK 2N	87874	138	438	493	493	25471
EASTVIEW_345/138_BK 2S	87872	138	438	493	493	25470
EASTVIEW-SPRNBK__345_W64	W64	345	2430	2821	3345	25143
EASTVIEW-SPRNBK__345_W65	W65	345	1976	2384	2892	25144
EASTVIEW-SPRNBK__345_W78	W78	345	2430	2821	3345	25346
EASTVIEW-SPRNBK__345_W79	W79	345	1976	2384	2892	25153
EDIC/PTR-FRASER___345_EF24-40	EF24-40	345	1793	1793	1793	25112

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
EDIC/PTR-ROTTDAM_230_30-PR	30	230	511	564	634	25173
EDIC/PTR-VALLEY___115_4-PV	4	115	141	144	165	25231
EDIC_PTR_230_115_BK 1P	2	230	320	365	398	25389
EDIC_PTR_230_115_BK 2P	1	230	320	365	398	25423
EDIC_PTR_345_115_BK 3E	BK#3	345	524	602	760	25424
EDIC_PTR_345_115_BK 4E	BK#4	345	603	721	796	25454
EDIC_PTR_345_230_BK 2E	17	230	551	626	758	25422
EDIC_PTR-DERFIELD_115_8_26_25_23	8262523	115	126	127	127	26116
EDIC_PTR-FRASER___345_EF24-40	EF24-40	345	1793	1793	1793	25112
EDIC_PTR-N.SCTLND_345_14-EN	14	345	1624	1783	1912	25170
EDIC_PTR-ROTTDAM_230_31-PR	31	230	511	564	634	25194
EDIC_PTR-WATKINRD_115_5-PW	2	115	141	144	159	25232
EDWARDV-RIVRHEAD_138_893	893	138	308	345	375	325654
EELPOTRD-MEYER___115_968	968	115	133	149	162	325288
EFISHKIL_345_115_BK 1	BK 1	345	505	531	531	25724
EFISHKIL-WOOD_ST__345_F38	F38/Y86	345	2401	3031	3402	25367
EFISHKIL-WOOD_ST__345_F39	F39	345	2401	3031	3402	25368
EGRDNCTY_138_69__BK 1	BK 1	138	272	335	446	26652
EGRDNCTY_345_138_BK 1	BK#1	345	444	556	641	25551
EGRDNCTY_345_138_BK 2	BK#2	345	444	556	641	25552
EGRDNCTY_345C_345A_PAR1	PAR1	345	468	855	900	25678
EGRDNCTY_345C_345B_PAR2	PAR2	345	468	855	900	25679
EGRDNCTY-CARLPLCE_138_361	361	138	314	345	375	25533
EGRDNCTY-EGRDNCTR_345_Y49_ST	Y49	345	693	940	1360	325158
EGRDNCTY-NEWBRDGE_138_462	462	138	244	325	434	25303
EGRDNCTY-NEWBRDGE_138_463	463	138	244	325	434	25304
EGRDNCTY-NEWBRDGE_138_465	465	138	262	344	442	25535
EGRDNCTY-NEWBRDGE_69__465_466	465_466	69	66	72	72	26582
EGRDNCTY-ROSLYN___138_362	362	138	314	345	375	25534
EKINGSTN-RHINEBCK_115_LR-2	ER	115	219	232	255	26222
ELBRIDGE_345_115_BK 1	BK#1	345	542	621	796	25448
ELBRIDGE-GRS_LOCK_115_19-EG	19	115	141	144	165	26097
ELBRIDGE-GRS_LOCK_115_3-EG	3	115	176	181	209	26098
ELBRIDGE-HYATT___115_15-EH	15	115	156	171	182	25109
ELBRIDGE-LAFAYTTE_345_17-LE	17	345	940	1562	1912	25149
ELBRIDGE-MILTON_C_115_18-EM	18	115	156	171	182	26095
ELBRIDGE-STATE_ST_115_5_972	972	115	146	167	178	25107
ELM_ST__-SENECA_A_230_71	71	230	223	254	262	26426
ELM_ST__-SENECA_B_230_72	72	230	223	254	262	26427
ELWOOD___138_69__BK 3	BK3	138	129	156	208	26540
ENDICOTT-RANGEHL__115_920	920	115	148	149	149	26158
ENDICOTT-ROBBLEAV_115_948	948	115	252	254	254	26159
ENORWICH-JENNISON_115_946	946	115	117	136	153	25729
ERIE SO.-S.RIPLEY_230_69	69	230	553	637	637	25016
ERIE_ST_-PAVNMTRD_115_926	926	115	252	269	269	26175
ERIEEAST-S.RIPLEY_230_69	69	230	553	637	637	25016
ESTDEVON-SINGER___345_3165	3165	345	600	1128	1128	101015047

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
ETNA____-CLRKSCRN_115_715	715	115	304	313	345	325728
ETNA____-CLRKSCRN_115_947	947	115	292	313	345	325727
ETNA____-WILLET___115_945-2	945	115	133	149	162	25731
FAIRFIEL_-INGHAM_C_115_3	3	115	141	144	159	26106
FAIRPRTA-HOOK_TAP_115_1-FH	3	115	176	181	210	26327
FAIRPRTB-ELBRIDGE_115_2-FE	2	115	166	175	187	26099
FALCONER_SALAMANC_115_153	153	115	156	159	159	26033
FALCONER_SALAMANC_115_154	154	115	156	159	159	26032
FARMGTN_115_34__BK 1	BK 1	115	56	67	108	70259
FARMGTN_115_34__BK 2	BK 2	115	56	67	108	70258
FARMGTN_-BORDRCTY_115_977	977	115	187	206	219	25057
FARMGTN_-HMLTNNM_115_7-HF	7	115	176	181	209	26101
FARRAGUT_345A_138C_BK 9X	BK 9X	345	130	174	216	25636
FARRAGUT_345A_138D_BK 10X	BK 10X	345	130	174	216	25637
FARRAGUT_345B_345A_TR11	TR11	345	543	737	930	25044
FARRAGUT_345C_345A_TR12	A_TR12	345	549	748	930	25043
FARRAGUT-GOWANUSN_345_41	41	345	688	855	1214	25141
FARRAGUT-GOWANUSS_345_42	42	345	688	855	1214	25140
FARRAGUT-HUDS_AVE_138_32077	32077	138	130	174	216	25291
FARRAGUT-HUDS_AVE_138_32078	32078	138	130	174	216	25292
FARRAGUT-HUDS_AVE_138_32711	32711	138	130	174	216	25293
FARRCKWY-HEWLETT__69__263	263	69	143	157	168	26566
FARRCKWY-WOODMERE_69__259	259	69	127	143	144	26597
FENERWND-ONEIDA___115_8	3	115	159	159	159	25894
FERNDALE-WWDBURNE_115_959	959	115	90	90	90	26180
FEURABSH-GREENBSH_115_17	17	115	311	341	375	25862
FEURABSH-NCATSKLL_115_2-FN	2	115	141	144	165	25067
FISHKPLN-EFISHKIL_115_HF	HF	115	243	267	293	26227
FISHKPLN-SYLVANLK_115_FP	FP/990	115	256	282	350	25066
FITZPTRK-EDIC_PTR_345_FE1	FE-1	345	1434	1434	1661	25077
FITZWILL-AMHERST__345_367	367	345	1699	1699	1699	101015090
FIVE_FLS-RAINBOW__115_9 EQ	9 EQ	115	170	185	197	68830
FLATROCK-BROWNFLS_115_2-FBF	2	115	130	144	159	26079
FLATSTR_-EELPOTRD_115_968	968	115	133	149	162	325287
FORGEBRK-MERTPARK_115_WF	FS	115	243	260	282	26229
FORTDRUM-DEFERIET_115_2-FD	2-FD	115	141	144	165	26091
FOXHILLS-WILLWBRK_138_29211-1	29211-1	138	213	299	462	25771
FOXHILLS-WILLWBRK_138_29212-1	29212-2	138	213	299	462	25772
FRASER___345/115_BK 2	BK#2	345	356	420	420	25391
FRASER__-COOPERS__345_33	33	345	1482	1631	1793	25236
FRASER__-GILBOA___345_GF5-35	GF-5	345	1747	1793	1793	25060
FRASERNY-DELHI_TP_115_951-3	951-3	115	239	239	239	26202
FREEPORT-NEWBRDGE_138_461	461	138	220	301	421	25155
FRESHKLS_138C_138A_R1 __ 21191	21191	138	327	435	539	25639
FRESHKLS_138C_138B_R2 __ 21192	21192	138	329	410	486	25640
FRESHKLS_345_138_TA 1	TA1	138	327	435	540	25457
FRESHKLS_345_138_TB 1	TB1	138	329	410	478	25458

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
FRONT_ST-ROSA_RD__115_11	11	115	239	239	239	26274
FROST_BR-LONG_MTN_345_352	352	345	1351	1554	1841	25363
FROST_BR-SOUTHNGT_345_329	329	345	1350	1554	1793	25364
FT._ORAN-HUDSON__115_15	15	115	159	159	159	26514
FTZPK_NM-LIGHTHSE_115_3-FLH	3	115	119	119	159	25502
FULTON__-CLAY_____115_4-FC	4	115	128	135	152	25518
GARDNVLA_230/115_BK 6	#6	230	370	420	420	25405
GARDNVLA_230/115_BK 7	#7	230	246	288	300	25435
GARDNVLA-BIGTREE__115_903	904	115	179	197	213	325284
GARDNVLA-GIRDLERD_115_705	705	115	239	239	239	25116
GARDNVLA-STOLLERD_230_66	66	230	478	478	478	25180
GARDNVLB_230_115_BK 2	2	230	317	334	396	25385
GARDNVLB_230_115_BK 3	3	230	168	210	250	25416
GARDNVLB_230_115_BK 4	4	230	169	211	250	25417
GARDNVLB-ARCADE__115_151-1	151	115	156	171	182	26040
GARDNVLB-BETHWEST_115_149	149	115	245	257	294	325317
GARDNVLB-BETHWEST_115_150	150	115	245	257	294	325318
GARDNVLB-COBBLENM_115_152-1	152	115	199	199	199	26023
GARDNVLB-DUNKIRK__230_73	73	230	637	637	637	25166
GARDNVLB-DUNKIRK__230_74	74	230	637	637	637	25197
GARDNVLB-GARDNVLA_115_GARD-NY	T10&11	115	712	813	985	25085
GARDNVLB-GARDNVLA_230_T8-12	T8-12	230	773	773	773	25089
GARDNVLB-ST_139_A_115_141-1	141	115	107	117	123	26038
GARDNVLB-ST_139_B_115_142-1	142	115	158	162	187	26037
GARDNVLB-WALDEN__115_54-1	54	115	168	212	239	26035
GE_R_D__-GROOMS__115_20_15	20	115	245	257	294	26266
GILBOA__-LEEDS_____345_GL3	GL-3	345	1762	1896	2151	25219
GILBOA__-N.SCTLND_345_GNS1	GNS-1	345	1747	1896	2106	25052
GINNA__-PANNELL__115_912	912	115	265	295	335	25260
GINNA__-S42_____115_913	913	115	176	242	358	26281
GINNA__-STA_204__115_751 EQ	751 EQ	115	78	83	92	69223
GINNA__-STA_204__115_908-1	908	115	322	360	415	26282
GINNA__-STA_204__115_911-1	911	115	322	360	438	26283
GIRDLERD-STOLLERD_115_706	706	115	228	229	239	325161
GLENHEAD-ORCHARD__69__458	458	69	101	112	117	26577
GLENWD__138_69__BK 5	BK 5	138	134	164	219	25735
GLENWD__138_69__BK 6	BK 6	138	134	164	219	70637
GLENWD__-CARLPLCE_138_363	363	138	370	393	434	25554
GLENWD__-GLENWD3__69__441	441	69	139	144	144	26575
GLENWD__-GLENWD3__69__477	477	69	143	144	144	26574
GLENWD__-GLENWD3__69__486	486	69	150	165	177	26576
GLENWD__-GLENWDGT_138_366-2	366-2	138	340	360	399	25555
GLENWD__-JERICHO__69__443_457_47	435747	69	74	96	144	26579
GLENWD__-ORCHARD__69__530	530	69	132	144	144	26578
GLENWD3__-JERICHO__69__487_469	487_469	69	139	154	164	26580
GLENWD3__-MTCHGRDN_69__478	478	69	149	183	277	26581
GLENWDGT-ROSLYN__138_364	364	138	370	393	434	25556

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
GOETHLSS-FRESHKLS_345_21	21	345	971	1073	1361	25138
GOETHLSS-LINDN_CG_345_G23L	A2253	345	643	643	643	26000
GOETHLSS-LINDN_CG_345_G23M	A2253	345	643	643	643	325203
GOETHSLN_345/230_BK 1	BKA2253	345	630	789	886	25642
GOETHSLN_345A_345B_BK 1N	BK 1N	345	591	787	978	25641
GOETHSLN-FRESHKLS_345_22	22	345	1283	1618	1814	25137
GOLAH___-MORTIMER_115_110	110	115	158	159	159	26034
GOLAH___-MORTIMER_69_109 EQ	109 EQ	69	46	47	47	69242
GOUDEY___-GOUDEY_A_115_EQ TB7	EQ TB	115	43	9997	9998	69252
GOUDEY___-ROBBLEAV_115_940	940	115	292	320	351	325166
GOUVNEUR-BATTHILL_115_8-GBH	8-GBH	115	93	101	107	26066
GOWANUSA-GREENWD___138_42G24	42G24	138	270	307	322	26007
GOWANUSC-GREENWD___138_42G13	42G13	138	259	307	322	26006
GOWANUSN_138A_138B_PAR R2	R2	138	272	308	376	25793
GOWANUSN_345_138_BK T2	T2	138	272	308	376	25476
GOWANUSN_345KV_REA_R41_REACTR	R41_REA	345	688	855	1215	26001
GOWANUSN-GOETHSLN_345_25	25	345	569	765	1134	25139
GOWANUSN-GREENWD___138_42231	42232	138	272	308	376	25214
GOWANUSS_138A_138B_PAR R14	R14	138	272	308	376	25794
GOWANUSS_345_138_BK T14	T14	138	272	308	376	25475
GOWANUSS_345KV_REA_R42_REACTR	R42_REA	345	688	855	1215	26003
GOWANUSS-GOETHLSS_345_26	26	345	570	765	1134	25571
GOWANUSS-GREENWD___138_42232	42231	138	272	308	376	25215
GR.GORGE-VINGR_TP_115_916 N.O.	916 N.O	115	149	172	215	26478
GREENBSH-CHRCHTWN_115_14-GC	14	115	168	199	199	26126
GREENBSH-FT._ORAN_115_15	15	115	159	159	159	26130
GREENBSH-STEPHTWN_115_993	993	115	141	144	159	26447
GREENDGE-FLATSTR___115_968	968	115	133	149	162	26185
GREENDGE-MONTRFL___115_967	967	115	133	149	162	26184
GREENDGE-MONTRFL___115_970	970	115	146	160	178	26183
GREENLWN_138_69__BK5	BK5	138	129	156	208	26655
GREENLWN-ELWOOD___138_673	673	138	487	572	657	25546
GREENLWN-ELWOOD___69__668	668	69	101	112	117	26559
GREENLWN-SYOSSET___138_676	676	138	318	399	561	25548
GREENWD_-FOXHILLS_138_29231	29231	138	189	256	401	25321
GREENWD_-FOXHILLS_138_29232	29232	138	189	256	401	25322
GRMVL-CH-HONK_FLS_69__HG-1	HG-1	69	40	40	40	26233
GRMVL-CH-NEVRSNK_69__HG-2	HG-2	69	49	50	57	26232
GRND_ISL-AMERISTD_115_182-2	182-2	115	213	225	242	26014
GROOMS___-JOHNSON___115_13	13	115	268	293	317	26267
GRS_LOCK-S.OSWEGO_115_9-GS	9	115	176	181	209	25510
GRS_LOCK-SOLVAY___115_8-GS	8	115	141	144	165	26103
GRS_LOCK-TILDEN___115_16-GT	16	115	141	144	165	26102
GRTNECK_-PORTWASH_69__484	484	69	71	72	72	325217
GRUMMAN_-SYOSSET_69__558_552	558_552	69	93	106	112	26599
GUARDIAN-HALEYRD___115_969	969	115	179	179	179	26167
HADDAM___-MILSTONE_345_348-1	348-1	345	1811	2145	2372	101015036

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
HADDAMNK-MONTVILL_345_364	364	345	1864	2187	2390	101015035
HALEYRD_-GREENDGE_115_969	969	115	179	179	179	325294
HAMILTON RD - LONG BR N.M.	983	115	189	207	221	69053
HAMILTON RD - MORTIMER N.M.	983	115	189	207	216	69138
HAMLTNNM-ELBRIDGE_115_7-HE	1	115	189	199	199	26096
HAMLTNNM-HAMLTNNY_115_BK1	1	115	34	42	56	25394
HAMRHILL-INDK-OSW_115_6-HI	6-HI	115	139	144	162	26114
HANCOCK_-HAZEL____115_955-1	955	115	119	120	120	26187
HARNGCRN-CLOSTER__69__46	46	69	141	154	160	26258
HARNGCRN-MONTVALE_69__658	658	69	139	152	158	26260
HARNGCRN-W.NYACK__69__701	701	69	141	154	160	26259
HARRIMAN-HILLBURN_69__31_311	31	69	254	278	289	26261
HARSNRAD-ROBNSNRD_115_907	907	115	261	287	306	26162
HAUPPAUG-C._ISLIP_138_889	889	138	237	321	473	25681
HAZEL____-FERNDALE_115_955-2	955-2	115	119	120	120	26181
HDSNBRDG-DEWITT__115_10	10	115	225	251	291	325260
HDSNBRDG-DEWITT__115_7	7	115	340	374	414	325261
HELLGATE-ASTORIAW_138_24053	24053	138	171	207	207	25212
HELLGATE-ASTORIAW_138_24054	24054	138	171	207	207	25213
HELLGT_E-ASTORIAE_138_34051	34051	138	184	259	401	25323
HELLGT_E-ASTORIAE_138_34052	34052	138	184	259	401	25324
HELLGT_W_138_13__BRU_3	BRU_3	138	96	128	159	25777
HELLGT_W-ASTORIAW_138_24051	24051	138	202	292	488	25210
HELLGT_W-ASTORIAW_138_24052	24052	138	202	292	488	25211
HELLGT_W-ASTORIAW_138_24056	24056	138	171	207	207	26461
HEWLETT_-VALLYSTR_69__260	260	69	128	157	168	325286
HICKLING_115_13__B1-22	B1-22	115	36	9997	9998	69342
HICKLING_115_13__B2-22	B2-22	115	47	9997	9998	69344
HICKLING-CATON____115_958	958	115	119	120	120	26189
HICKLING-RIDGE_RD_115_964	964	115	127	147	167	26188
HIGH_FLS-STRUGNPL_69__P	P	69	54	56	63	26250
HILLBURN_138_69__BK 317	BK 317	138	187	230	265	26330
HILLBURN-RAMAPOOR_138_52	52	138	187	230	265	25882
HILLBURN-RINGWOOD_69__89	89	69	141	154	160	26262
HILLBURN-S.MAHWAH_69__65	65	69	165	181	188	26263
HILLSIDE_230_115_BK 3	BK#3	230	271	332	336	25397
HILLSIDE_230_115_BK 4	BK#4	230	467	561	699	25046
HILLSIDE-CHEMUNG__115_962	962	115	170	179	179	25726
HILLSIDE-WATRCURE_230_69	69	230	657	657	657	25181
HINMAN__-HARSNRAD_115_908	908	115	297	306	306	26161
HISHELDN-WETHSRFD_230_81	81	230	506	556	603	325622
HOLBROOK_138_69__BK 1	BK1	138	272	335	446	69378
HOLBROOK_138_69__BK 2	BK 2	138	128	149	199	69376
HOLBROOK-HOLT_8KU_69__857	857	69	143	144	144	26545
HOLBROOK-HOLT_8KU_69__866	866	69	143	144	144	26546
HOLBROOK-HOLTSVLE_138_888	888	138	857	942	1047	25542
HOLBROOK-NSHORBCH_138_884	884	138	400	440	487	25341

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
HOLBROOK-PORTJEFF_69__864_876	864_876	69	143	144	144	26607
HOLBROOK-PORTJEFF_69__865_875	865_875	69	143	144	144	26608
HOLBROOK-SILLSRD__138_872	872	138	555	590	678	25340
HOLT_8KU-CORAM____69__874	874	69	139	144	144	26551
HOLT_8KU-HOLTS_8G_69__856_852	856_852	69	139	144	144	26552
HOLTSVLE-SILLSRD__138_873	873	138	501	553	703	325618
HOLTSVLE-UNIONAVE_138_818	818	138	172	224	390	25584
HOMER C_-STOLLERD_345_37	37	345	703	835	840	25036
HOMER C_-WATRCURE_345_30	30	345	927	927	927	25018
HOMER_HL-NILE_____115_157-1	157	115	107	117	123	26041
HONK_FLS-HIGH_FLS_69__HK	HK	69	40	48	53	26237
HONK_FLS-MODENA____69__MK	MK	69	40	47	49	26236
HOOK_TAP-FARMGTN__115_7-HF	1	115	176	181	199	26100
HOOK_TAP-HOOK_RD__115_BK3	3	115	168	181	199	26503
HOPKINS_-TEALLAVE_115_11-HT	11	115	239	239	239	26105
HOYTSHIL-ARCHERLN_345_3403-2	3403-2	345	2151	2390	2390	101015018
HUDS_AVE-JAMAICA__138_701	701	138	175	228	370	25294
HUDS_AVE-JAMAICA__138_702	702	138	175	228	370	25295
HUDSON_-PLSTVYCH_115_12-HP	12-HP	115	159	159	159	25499
HUDSONP_-FARRAGUT_345_B3402	B3402	345	547	748	927	25020
HUDSONP_-FARRAGUT_345_C3403	C3403	345	543	737	827	25038
HUNTLEY__115_13_GSU EQ	GSU EQ	115	437	440	440	70323
HUNTLEY_-ELM_ST__230_70	70	230	432	477	491	25855
HUNTLEY_-SAWYER__230_79	79	230	691	760	848	25127
HUNTLEY_-SAWYER__230_80	80	230	691	760	848	25128
HUNTLEY_-ST_60_36_115_36-1	36	115	199	199	199	26046
HUNTLEY_-ST_60_37_115_37-1	37	115	211	217	242	26045
HUNTLEY_-STA_129__115_39-1	39	115	176	181	209	26044
HUNTLEY_-STA_154__115_38-1	38	115	176	181	199	26047
HURLYAVE_115_69__TR 3	TR 3	115	119	141	167	25837
HURLYAVE_345/115_BK 1	BK 1	345	486	560	560	25419
HURLYAVE-BOULEVRD_69__I	I	69	78	87	96	26213
HURLYAVE-LINCNPBK_115_HP	HP	115	243	267	293	25833
HURLYAVE-OHIOVLE_115_OR	OR-1	115	169	213	239	25834
HURLYAVE-ROSETON__345_303	303	345	1713	1885	1912	25218
HYATT____115/34__BK 1	1	115	61	76	100	70329
HYATT_-BORDRCTY_115_979	15	115	156	171	179	25106
IMC_TAP_-MECO_____115_15-IM	15	115	152	166	175	26132
INDK-OSW-LIGHTHSE_115_2-ILH	2	115	139	144	159	25503
INDN_PT3-BUCHAN_S_345_W96	W96	345	1793	1793	2266	25570
INDPDNCE_345_18__MT 5	MT 5	345	215	235	255	68303
INDPDNCE_345_18__MT 6	MT 6	345	215	235	255	68304
INDPDNCE-SCRIBA____345_25	25	345	1918	2115	2390	25859
INGHAM_C_115_115_PAR 2	2	115	197	234	239	25242
INGHAM_C-INGHAM_E_115_R81	R81	115	222	234	239	25243
INGHAM_E-ESPRGFLD_115_942-1	941	115	114	131	152	25061
INGHAM_E-IMC_TAP__115_15-II	15-II	115	128	135	152	25871

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
INGHAM_E-STJHNVLE_115_6-IS	6	115	104	107	122	26133
INGHAM_E-STONER___115_9-IS	12	115	128	135	152	25863
IP_CRNTH-SPIERFLS_115_9-IPS	9-IPS	115	85	94	119	26118
JAMAICA_-LAKSUCSS_138_903	903	138	268	361	428	25090
JAMAICA_-VALLYSTR_138_901 L_M	901L_M	138	307	391	441	25048
JENNISON_115_46__BK 1A	BK 1A	115	57	58	61	69462
JENNISON-DELHI___115_949	949	115	117	120	120	26173
JENNISON-HANCOCK___115_954	954	115	119	120	120	26186
JENNISON-KATTLVLE_115_943	943	115	146	160	178	25898
JOHNSON_-MAPLEWOD_115_12	12	115	239	239	239	26268
KATONAH_-AMAWALK___115_995	991	115	261	287	311	325279
KATONAH_-CROTONFL_115_991	991	115	261	287	311	26157
KENTAVE_-GREENWD___138_31232-2	31231-2	138	177	254	393	25299
KENTS_FL-SARANAC___115_1-KS	1-KS	115	149	172	213	26206
KENTS_FL-SCOTAFLT_115_913	913	115	120	120	120	26207
KINTIGH_-ROCHESTR_345_SR-1	SR1-39	345	1591	1745	1793	25073
KNAPPCRN_115_69__TR 2	TR 2	115	48	59	60	25838
KNAPPCRN-PLSNTVLY_69__G	G	69	49	52	58	26239
KNAPPCRN-SANDDOCK_115_KB/KC	KB	115	238	261	290	26240
KNAPPCRN-SPACKILL_115_SK	SK	115	238	262	291	325777
LADENTWN-BOWLINE___345_68	68	345	777	837	837	25249
LADENTWN-BUCHAN_S_345_Y88	Y88	345	1822	2010	2552	25185
LADENTWN-WHAVSTRW_345_67-2	67	345	1976	2384	2892	25248
LAFAYTTE-CLRKSCRN_345_4-46	Apr-46	345	1279	1410	1781	25049
LAFAYTTE-DEWITT___345_22-DL	22	345	1912	1912	1912	25174
LAKSUCSS_138_69__BK 5	BK 5	138	272	335	446	26603
LAKSUCSS_138_69__BK 6	BK 6	138	272	335	446	325098
LAKSUCSS_138A_138B_PAR	PAR	138	366	450	450	25593
LAKSUCSS-GRTNECK___69__479	479	69	143	144	144	26587
LAKSUCSS-GRTNECK___69__480	480	69	91	111	123	26588
LAKSUCSS-SPERRY___69__481	481	69	139	144	144	26586
LANGDON_-NORTHSDE_115_936	936	115	206	227	239	26160
LAUREL L-GOUDEY___115_952	952	115	128	149	162	25012
LAWRENCE-SANDY PD_345_326-2	326-2	345	1348	1550	1695	101015091
LEEDS___-ATHENS___345_95	95	345	1624	1783	1946	25789
LEEDS___-HURLYAVE_345_301	301	345	1713	1885	1912	25055
LEEDS___-PLSNTVLY_345_92	92	345	1624	1783	1912	25056
LEVITTWN-BETHPAGE_69__570	570	69	143	144	144	26523
LEVITTWN-GRUMMAN_69__562	562	69	121	139	139	26583
LEVITTWN-MASSAPEQ_69__571_572	571-572	69	81	89	93	26521
LIGHTHSE-CLAY___115_7-CL	7	115	141	144	165	25521
LINCNPRK-EKINGSTN_115_LR-1	LR-1	115	243	260	282	26223
LINDENP_-GOETHSLN_230_A2253	A2253	230	688	776	892	25017
LOCKPORT-HINMAN___115_100	100	115	268	293	317	25087
LOCKPORT-N.AKRN_1_115_108-2	108	115	158	162	187	25266
LOCKPORT-OAKFIELD_115_112-1	112	115	166	175	187	25300
LOCKPORT-SWEDEN_A_115_111-1	111	115	166	175	187	25262

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
LOCKPORT-SWEDEN_B_115_113-1	113	115	174	191	199	25263
LOCKPORT-TELGRAPH_115_107-1	107	115	199	199	199	25265
LOCKPORT-TELGRAPH_115_114-1	114	115	174	191	199	25264
LOCUSTGR-NEWBRDGE_138_558	558	138	446	572	657	25158
LONG_MTN-PLSNTVLY_345_398	398	345	1283	1476	1633	25033
LONG_MTN-PLUM TRE_345_321	321	345	1601	1757	1984	25720
LONGLANE-BLUE_CIR_115_6-BS	6	115	141	144	159	25864
LOVETT__138_69__BK 147	BK#147	138	94	130	149	26331
LOVETT__-BOWLINOR_138_56	56	138	279	305	317	25877
LOVETT__-W.NYACK__69__55_551	551	69	139	152	158	25886
LOWVILLE-BOONVLL_115_5-LB	5-LB	115	128	135	152	26075
LUDLOW__-BARBOURH_345_3419	3419	345	1518	1757	1984	101015040
LUDLOW__-CARP HL__345_301	301	345	1569	1757	1886	25722
LUDLOW__-NORTHFLD_345_354	354	345	1601	1757	1984	25713
LU DLUM_A-FALCONER_115_162-2	162	115	107	117	123	26031
LU DLUM_B-FALCONER_115_161-3	161	115	107	117	123	26030
LUTHERFT-MULBRYNM_115_3	3	115	227	248	268	26477
LUTHERFT-MULBRYNM_115_308	3	115	227	248	268	325742
LYON_MTN-KENTS_FL_115_911	911	115	143	157	167	26205
MALONE__-NICHVLE_115_3-NM	3	115	168	197	199	25585
MALONE__-WILLIS__115_1-MW	910	115	168	191	199	25586
MANCHSTR-SPACKILL_115_MC	MC	115	238	262	291	325776
MAPLEWOD-ARSENAL__115_15	31	115	168	188	239	25844
MAPLEWOD-MENANDS__115_19-MM	19	115	156	170	181	25870
MARCY____765_345_BK 1	MAR-AT1	765	1756	1756	1756	25455
MARCY____765_345_BK 2	MAR-AT2	765	1793	1793	2297	25456
MARCY__-COOPERS__345_UC2-41	41	345	1345	1345	1434	25113
MARCY__-EDIC_PTR_345_UE1-7	UE1-7	345	1918	2115	2390	25229
MARCY__-N.SCTLND_345_18	18	345	1793	1793	2297	25276
MARSHVLE-CLINTON__115_12	12	115	152	159	159	325267
MASSAPEQ-STERLING_69__567	567	69	143	144	144	26525
MASSENA__765_230_BK 1	MAS-AT1	765	1076	1254	1404	25665
MASSENA__765_230_BK 2	MAS-AT2	765	1076	1254	1404	25666
MASSENA_-MARCY____765_MSU1	MSU1	765	3975	3975	5300	25224
MCADOO__-BATTHILL_115_6-MBH	6	115	93	101	107	26064
MCINTYRE-COLTON__115_8-MC	8	115	93	101	106	25514
MCINTYRE-MCADOO__115_6	6	115	156	159	159	26108
MCKNOWNV-NEWKRMKL_115_8	8_7	115	291	320	356	26499
MECO____-CHURCH_S_115_10-AM	10	115	152	166	175	26120
MENANDS_-REYNOLDS_115_2-MR	2	115	255	282	316	26135
MENANDS_-RIVERSDE_115_3-MR	3	115	227	239	239	26134
MERTPARK-WICCOPEE_115_WP	WP	115	242	260	282	325772
MEYER____230_1____BK4P	BK#4	230	278	331	336	325765
MEYER__-BENNETT__115_966	966	115	149	172	179	26166
MEYER__-CANANDGA_230_60	60	230	591	649	715	325604
MIDDLEOR-SHOEMAKR_138_29	29	138	506	587	671	26468
MIDDLETP_345_138_BK 114	BK114	345	506	587	671	26465

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
MIDDLETP-ROCKTVRN_345_MTR-34	MTR-34	345	1918	2115	2390	26464
MIDDLTWN-SCOV RCK_345_384	384	345	896	1255	1434	26389
MILAN___-PLSTVYCH_115_10	10	115	145	160	178	26433
MILAN___-RHINEBCK_115_MR	MR	115	219	232	239	26242
MILLBURY-CARP HL_345_302	302	345	1475	1560	1919	25721
MILLERPL-HOLBROOK_138_885	885	138	555	590	678	26691
MILLIKEN_115_13__BK 1B	BK 1B	115	76	9997	9998	70398
MILLIKEN_115_18__BK 2A	BK 2A	115	77	9997	9998	70395
MILLIKEN-ETNA____115_974	974	115	231	260	286	26177
MILLIKEN-ETNA____115_975	975	115	231	260	286	26178
MILLWOOD_345_138_TA 1	96922	138	248	333	359	25530
MILLWOOD_345_138_TA 2	96921	138	234	305	321	25531
MILLWOOD-EASTVIEW_345_W82	W82	345	2430	2821	3345	25147
MILLWOOD-EASTVIEW_345_W85	W85	345	2430	2821	3345	25258
MILLWOOD-EASTVIEW_345_W99	W99	345	2430	2821	3345	25255
MILTON_C-GRS_LOCK_115_18-MG	18	115	156	171	182	26104
MNCHESTR-CARD_____345_368	368	345	1350	1554	1939	25710
MNCHESTR-MEEK.JCT_345_395-3	395-3	345	1569	1757	1984	25900
MNCHESTR-MILSTONE_345_310	310	345	1811	2145	2372	25336
MNCHESTR-SCOV RCK_345_353	353	345	1518	1805	2217	25714
MNTNDALE-WWDBURNY_115_957		115	120	120	120	325616
MODENA___115/69__TR 1	BK TR	115	40	50	53	26325
MODENA__-OHIOVLE_115_PX	PX	115	285	301	349	25835
MOHANSIC_115_13__BK 2	BK 2	115	26	28	33	26482
MOHANSIC_115_13__BK 4	BK 4	115	26	28	33	26483
MOHICAN_-BATNKILL_115_15-BM	15	115	128	135	152	26122
MOHICAN_-MULBRYNM_115_3	3	115	227	248	268	26687
MONROE___-HARRIMAN_69__312	312	69	141	154	160	26269
MONROE___-SUGRLOAF_69__313	313	69	254	278	289	26270
MONSEY___-BURNS_____138_601	601	138	456	478	500	325608
MONTRFL_-CODNIGTN_115_982	982	115	133	149	162	25728
MONTRFL_-RIDGE_RD_115_963-2	963-2	115	133	145	149	26196
MONTRFL_-RIDGE_RD_115_978-2	978	115	133	149	162	26197
MONTVALE-BLUE_HIL_69__43	43	69	22	27	32	26279
MONTVALE-BLUE_HIL_69__44	44	69	22	27	32	26502
MONTVALE-GRANDAV__69__656	652	69	139	152	158	26271
MONTVILL-MILSTONE_345_371	371	345	1864	2187	2390	25334
MORTIMER-FAIRPRTA_115_1-FM	1	115	168	181	199	25163
MORTIMER-FAIRPRTB_115_2-FM	2	115	166	175	187	25240
MORTIMER-PITSFRDB_115_24-1	24	115	156	171	182	25096
MORTIMER-PITSFRDC_115_25-1	25	115	139	145	162	25095
MOSES____115_13__BK 7	BK 7	115	256	258	258	70410
MOSES____115_13__BK 8	BK 8	115	256	258	258	70409
MOSES____230/115_BK 1	SL-AT1	230	526	589	722	25411
MOSES____230/115_BK 2	SL-AT2	230	526	589	722	25451
MOSES____230/115_BK 3	SL-AT3	230	220	276	287	25452
MOSES____230/115_BK 4	SL-AT4	230	598	598	797	25453

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
MOSES___230_13__BK 5	BK 5	230	256	258	258	70414
MOSES___230_13__BK 6	BK 6	230	256	258	258	70413
MOSES___-ADIRNDCK_230_MA1	MA-1	230	447	473	517	25269
MOSES___-ADIRNDCK_230_MA2	MA-2	230	447	473	517	25270
MOSES___-ALCOA_N._115_MAL4	MAL-4	115	256	282	327	25582
MOSES___-ALCOA_N._115_MAL6	MAL-6	115	279	282	327	25581
MOSES___-ALCOA_S._115_MAL5	MAL-5	115	291	319	350	25583
MOSES___-MASSENA_230_MMS1	MMS1	230	1076	1254	1404	25274
MOSES___-MASSENA_230_MMS2	MMS2	230	1076	1254	1404	25275
MOSES___-MGR-1___115_MGR-1	MGR-1	115	144	145	157	26328
MOSES___-MGR-2___115_MGR-2	MGR-2	115	144	145	157	26335
MOSES___-MR-3___115_MG-3	MG-3	115	237	239	317	26332
MOSES___-WILLIS___230_MW1	MW-1	230	447	473	517	25188
MOSES___-WILLIS___230_MW2	MW-2	230	447	473	517	25271
MOSHIER_-TAYLORVL_115_7-MT	7	115	49	49	49	26109
MOTTHAVN-RAINEY___345_Q11	Q11	345	757	830	1125	325430
MOTTHAVN-RAINEY___345_Q12	Q12	345	757	830	1125	325431
MOUNTAIN-SWANROAD_115_103-2	103	115	224	250	282	26054
MOUNTAIN-SWANROAD_115_104-3	104-3	115	193	213	240	26053
MTCHGRDN-NEWBRDGE_69__475	475	69	149	183	277	25606
MULBRYNM-N.TROY___115_3	3	115	168	212	239	26475
MULTP-10-MULBRYNM_115_986	986	115	99	100	100	26476
MULTP-10-N.TROY___115_10	10	115	222	234	239	26474
N._SALEM-BATNKILL_115_989	989	115	45	52	57	26448
N.AKRN_1-BATAVIA___115_107-3	107	115	159	159	159	25124
N.AKRN_1-BATAVIA___115_108-1	108	115	152	159	159	25125
N.END___115_46__BK 1	BK 1	115	70	71	75	25849
N.END___-ASHLEYRD_115_702	702	115	351	386	434	25846
N.END___-PLATSBRG_115_701	701	115	239	239	239	25848
N.HEMPST-WHAVSTOR_138_530	530	138	282	309	321	26506
N.SCTLND_345_115_BK 1	BK#1	345	529	642	796	25445
N.SCTLND_345_115_BK 2	BK#2	345	629	796	796	25460
N.SCTLND-ALBANY___115_8-NA	8	115	340	373	414	25496
N.SCTLND-ALPS___345_2-AN	2	345	1278	1410	1792	25217
N.SCTLND-ALTAMONT_115_20-NV	20	115	141	144	165	25492
N.SCTLND-BETHLHEM_115_4-NB	4	115	311	341	362	25497
N.SCTLND-FEURABSH_115_3-NF	3	115	311	341	375	25495
N.SCTLND-FEURABSH_115_9	9	115	141	144	165	25490
N.SCTLND-LEEDS___345_93-LN	93	345	1534	1692	1912	25171
N.SCTLND-LEEDS___345_94-LN	94	345	1534	1692	1912	25203
N.SCTLND-PLASTICS_115_7	7	115	141	144	165	25491
N.SCTLND-ROTTRDAM_115_13-NR	13	115	255	282	358	25494
N.SCTLND-VORHVSLE_115_19-NV	19	115	128	135	152	25493
N.TROY___-REYNOLDS_115_16-NR	16	115	222	234	239	26139
N.TROY___-WYNTKLN_115_14-NW	14	115	168	212	239	26137
NANUET___-PEARLRVR_69__491T	491T	69	29	33	40	26505
NBRDWYNM-ERIE_ST___115_922	922	115	146	160	178	26011

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
NCATSKLL_115_69__TR 4	TR 4	115	48	60	79	25839
NCATSKLL_115_69__TR 5	TR 5	115	45	55	73	25818
NCATSKLL-CEMENT__69__H-1	H	69	99	101	114	26215
NCATSKLL-MILAN__115__T7	T7	115	169	213	237	26243
NHELSEA_115/69__BK TR1	BK TR1	115	40	50	53	25836
NHELSEA-FISHKPLN_115_NF	NF	115	264	290	315	26228
NHELSEA-FORGEBRK_115_FO	FO	115	224	251	282	26230
NHELSEA-KNAPPCRN_69__TY	TV/KM	69	49	52	58	26220
NEPTUNE_-DUFFYAVE_345_NEPTUNE	NEPTUNE	345	660	785	785	325304
NEVRSNK_-NVRSK_TP_69__WH1-2	WH1-2	69	62	68	76	26244
NEVRSNK_-WDELV_TP_69__HG	HG-2	69	51	56	72	325624
NEWBRDGE_138_69__BK 6	BK 6	138	136	167	223	26604
NEWBRDGE_138_69__BK 7	BK 7	138	136	167	223	26605
NEWBRDGE-BAGATLRD_138_563	563	138	465	621	691	25536
NEWBRDGE-EGRDNCTY_138_467	467	138	282	452	474	325378
NEWBRDGE-JERICHO__69__474	474	69	93	106	112	26606
NEWBRDGE-LEVITWVN_69__565	565	69	143	144	144	26584
NEWBRDGE-RULAND__138_561	561	138	314	345	375	25305
NEWBRDGE-RULAND__138_562	562	138	314	345	375	25306
NEWBRDGE-RULAND__138_567	567	138	279	452	473	325379
NEWKRMKL-ALBANY__115__7	7	115	340	371	413	325257
NIAGARA__230/115_BK T1	N-AT1	230	220	276	288	25409
NIAGARA__230_115_BK T2	N-AT2	230	286	359	452	25410
NIAGARA__345/230_BK 3	N-AT5	345	441	552	575	25408
NIAGARA__345/230_BK 5	N-AT3	345	441	552	575	25450
NIAGARA_-GARDNVLB_115_180	GV-180	115	194	199	233	25104
NIAGARA_-KINTIGH__345_NS1-38	NS1-38	345	1591	1745	1793	25074
NIAGARA_-LOCKPORT_115_101	101	115	285	300	318	25267
NIAGARA_-MOUNTAIN_115_120	120	115	224	250	291	25135
NIAGARA_-PACKARD__115_191	191	115	319	339	383	25075
NIAGARA_-PACKARD__115_192	192	115	319	339	383	25099
NIAGARA_-PACKARD__115_193	PK-193	115	349	359	411	25100
NIAGARA_-PACKARD__115_194	PK-194	115	349	359	398	25101
NIAGARA_-PACKARD__115_195	PK-195	115	338	356	398	25102
NIAGARA_-PACKARD__230_61	PK-61	230	717	717	942	25186
NIAGARA_-PACKARD__230_62	PK-62	230	717	717	942	25220
NIAGARA_-ROBNSNRD_230_64	RR-64	230	639	678	717	25088
NIAGARA_-ROCHESTR_345_NR2	NR2	345	1591	1745	1904	25084
NIAGARA_-SANDBORN_115_102-2	102	115	319	339	383	25103
NIAGBLVD-NBRDWYNM_115_181-2	181	115	194	199	233	26057
NICHLVLE-PARISHVL_115_3-PN	3	115	156	170	181	26110
NILE____-ANDOVER__115_157-2	157-2	115	142	150	159	26016
NINEMILE-CLAY____345_8-NC	8	345	1278	1410	1792	25167
NINEMILE-FTZPK_NM_115_4-NF	4	115	119	119	159	25500
NINEMILE-SCRIBA__345_9-NS	9	345	1278	1410	1792	25359
NOGDNBRG-MCINTYRE_115_9-NOM	9-NOM	115	158	159	159	26080
NOR HBR__115_138_8X	1385	138	641	641	641	100005827

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
NORFOLK_-SANDSTON_115_4-NS	4-NS	115	268	293	317	26111
NORTHFLD-VT YANK__345_381	381	345	1195	1195	1580	25707
NORWALK_-NORWJCT__345_3403-1	3403-1	345	2390	2390	2390	101015023
NRTH1385-NOR HBR__138_601	601	138	147	199	409	325597
NRTH1385-NOR HBR__138_602	602	138	147	199	409	325598
NRTH1385-NOR HBR__138_603	603	138	147	199	409	325599
NRTH1385-NRTHPORT_138_1385	1385	138	441	598	598	25035
NRTHPORT_138_138_PS2	BUS/PS2	138	463	570	570	25599
NRTHPORT_138N_138E_PAR 1	PAR 1	138	539	641	641	25598
NRTHPORT-ELWOOD__138_678	678	138	398	536	677	25543
NRTHPORT-ELWOOD__138_681	681	138	398	536	677	25544
NRTHPORT-PILGRIM__138_672	672	138	229	310	421	25307
NRTHPORT-PILGRIM__138_677	677	138	459	621	842	25308
NRTHPORT-PILGRIM__138_679	679	138	459	621	842	25309
NVRSK_TP-HONK_FLS_69__WH1-1	WH1-1	69	56	61	64	26235
OAKDALE__230/115_BK 1	BK#1	230	318	435	440	25400
OAKDALE__345_115_BK 2	BK#2	345	508	600	600	25401
OAKDALE__345_115_BK 3	BK#3	345	489	577	600	25399
OAKDALE_-DELHI____115_919	919	115	171	179	179	25897
OAKDALE_-ENDICOTT_115_938	938	115	171	188	239	26198
OAKDALE_-FRASER____345_32	32	345	1494	1692	1793	25235
OAKDALE_-GOUDEY____115_939	939	115	292	321	352	26182
OAKDALE_-KATTLVLE_115_943	943	115	171	188	221	26201
OAKDALE_-NORTHSDE_115_944	944	115	231	239	239	26199
OAKFIELD-BATAVIA__115_112-2	112	115	156	162	181	25126
OAKWOOD_-ELWOOD_E_138_674	674	138	487	572	657	25545
OAKWOOD_-SYOSSET__138_675	675	138	318	399	561	25547
OHIOVLE_115/69__BK TR1	BK TR	115	40	50	53	25819
OHIOVLE-RYNDS_HL_115_OR_HR	OR/HR	115	169	213	239	26247
ONEIDA__-WALESVIL_115_7	7	115	141	144	159	26115
ONEIDA__-YAHNUNDA_115_6	6	115	128	135	152	26113
ORCHARD_-SYOSSET__69__531_532_53	531_53	69	101	112	117	26613
OSWEGO__345_115_BK 7	BK 7	345	576	657	774	25372
OSWEGO__-ELBRIDGE_345_17-EO	17	345	1278	1410	1792	25234
OSWEGO__-S.OSWEGO_115_3-OS	3	115	209	239	239	25507
OSWEGO__-S.OSWEGO_115_5-OS	5	115	209	239	239	25508
OSWEGO__-S.OSWEGO_115_8-OS	8	115	478	478	478	25509
OSWEGO__-VOLNEY__345_11-OV	11	345	1278	1410	1792	25199
OSWEGO__-VOLNEY__345_12-OV	12	345	1278	1410	1792	25201
PACKARD__230_115_BK 3	3	230	233	250	250	25414
PACKARD__230_115_BK 4	4	230	235	250	250	25415
PACKARD_-GRND_ISL_115_182-1	182	115	243	249	297	26056
PACKARD_-NIAGBLVD_115_181-1	181	115	146	160	178	26055
PACKARD_-SAWYER____230_77	78	230	680	747	836	25164
PACKARD_-SAWYER____230_78	77	230	680	747	836	25195
PACKARD_-WALCK_RD_115_129	129	115	239	301	301	25906
PACKARD_-ZIMMERM1_115_130-2	130	115	213	225	242	26059

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
PANNELL__345/115_BK 1	122 2TR	345	280	320	330	25396
PANNELL__345/115_BK 2	122 1TR	345	280	320	330	25431
PANNELL__345/115_BK 3	122 3TR	345	280	320	330	25572
PANNELL_-CLAY_____345_PC1	1	345	1195	1195	1195	25058
PANNELL_-CLAY_____345_PC2	2	345	1195	1195	1195	25050
PANNELL_-CLAY_____345_PC1	PC-1	345	1195	1195	1195	25058
PANNELL_-CLAY_____345_PC2	PC-2	345	1195	1195	1195	25050
PANNELL_-FARMGTN__115_4-FP	4	115	265	293	317	25080
PANNELL_-PITSFRDB_115_25	25	115	139	145	162	26285
PANNELRG-PITSFRDC_115_24	24	115	156	171	182	26284
PARISHVL-COLTON__115_3-CP	3	115	145	152	159	25241
PATROON_-MCKNOWNV_115_6	8	115	240	373	414	25866
PATROON_-PATRTAP__115_15	15	115	170	188	239	25867
PATRTAP_-MENANDS__115_15	15	115	141	144	165	26493
PAVMNTRD-STOLLERD_115_926	926	115	299	335	368	325220
PAWLING_-CROTONFL_115_994	994	115	179	179	179	25902
PEARLRVR_69__34__BK 431	BK 431	69	29	33	40	26695
PEARLRVR-MONTVALE_69__491	49	69	141	154	160	26273
PEAT ST_-HDSNBRDG_115_10	10-DP	115	225	251	291	26648
PEAT ST_-HDSNBRDG_115_7	7	115	340	374	414	26649
PETERBOR_ONEIDA__115_5	5	115	141	144	165	25896
PILGRIM_-COMMACK__69_674	674	69	101	112	117	26539
PILGRIM_-HAUPPAUG_138_871	871	138	348	426	428	25550
PILGRIM_-HOLTSVLE_138_881	881	138	572	628	698	25537
PINELAWN-W.BABYLN_69__754	754	69	71	72	72	26528
PITSFRDB_115_34__BK 1B	BK 1B	115	55	56	56	70473
PITSFRDB_115_34__BK 2	BK 2	115	55	56	56	70545
PITSFRDB-QUAKERRD_115_23-1	NMP #23	115	176	180	180	26288
PITSFRDB-S42B_____34__727	727	34	38	43	46	26304
PITSFRDB-STA_82__115_23-2	23	115	176	181	209	26287
PLAINVIE-RULAND__69__560	560	69	109	119	126	26562
PLASTICS-LONGLANE_115_7	7	115	198	199	199	26501
PLATSBG2-PLATSBG5_115_1MLD2 EQ	1MLD2EQ	115	60	81	120	26424
PLATSBG4-PLATSBG6_115_2MLD3 EQ	2MLD3EQ	115	178	179	254	69890
PLATSBRG_230_115_BK 1	BK 1	230	288	360	375	25669
PLATSBRG_230_115_BK 4	BK 4	230	288	360	375	26336
PLATSBRG-PLATSBG4_115_1MLD1 EQ	1MLD1EQ	115	217	250	317	26216
PLATSBRG-PLATSBG4_115_2MLD1 EQ	2MLD1EQ	115	217	250	317	26457
PLATSBRG-PLATSBRG_115_IPC TIE	IPC TIE	115	158	159	159	26264
PLATTSBURGH PMLD #2	PS-1/A	115	179	179	224	69888
PLSNTVLE_345/13__BK 1	1	138	64	70	70	25477
PLSNTVLE_345/13__BK 2	2	138	64	70	70	25478
PLSNTVLE-DUNWODIE_345_W89	W89	345	1976	2282	2535	25182
PLSNTVLE-DUNWODIE_345_W90	W90	345	1976	2282	2535	25250
PLSNTVLY-EFISHKIL_345_F36	F36	345	1976	2384	2892	25256
PLSNTVLY-EFISHKIL_345_F37	F37	345	1976	2384	2892	25257
PLSNTVLY-FISHKPLN_115_C_A	C	115	174	190	202	26210

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
PLSNTVLY-MANCHSTR_115_M	M	115	238	262	291	26208
PLSNTVLY-WOOD_ST__345_F30	F30	345	1976	2384	2892	25237
PLSNTVLY-WOOD_ST__345_F31	F31	345	1976	2384	2892	25238
PLSTVYCH_115_69__TR 10	TR 10	115	140	143	143	25840
PLSTVYCH_345_115_BK S1	BK S1	345	478	478	478	25382
PLSTVYCH-INWOOD__115_X-1	X-1	115	219	232	255	26209
PLSTVYCH-SMITHFLD_69__E	E	69	77	81	91	25629
PLSTVYCH-TODDHILL_115_C	C	115	174	190	202	325156
PLUM TRE-HOYTSHIL_345_3403A	3403A	345	678	845	1195	101015016
PLUM TRE-HOYTSHIL_345_3403B	3403B	345	678	845	1195	101015017
POLETTI_-E13THSTA_345_Q35L	Q35L	345	598	675	1595	25134
POLETTI_-E13THSTA_345_Q35M	Q35M	345	598	675	1595	25142
PORTJEFF_138_69__BK 7	BK 7	138	123	149	219	25601
PORTJEFF_138_69__BK 8	BK 8	138	136	167	223	25600
PORTJEFF-HOLBROOK_138_886	886	138	351	405	487	25540
PORTJEFF-SUPERCON_138_862	862	138	351	405	487	25539
PORTJEFF-WILDWOOD_69__881_872_87	881_872	69	101	112	117	26612
PORTWASH-BARBEACH_69__471	471	69	71	72	72	325218
PYRITES_-COLTON__115_7-PC	7	115	93	101	107	26086
QUAKERRD-MACEDON__115_930	930	115	68	85	112	25093
QUAKERRD-PANNELL__115_914	914	115	265	295	335	25261
QUAKERRD-PANNELL__115_925	925	115	351	372	414	25682
QUAKERRD-SLEIGHT__115_980(13)	13	115	187	206	221	25079
QUAKERRD-STA_204__115_908	908	115	289	305	335	26286
QUENBRDG-VERNON__138_31281	31282	138	424	572	602	25159
QUENBRDG-VERNON__138_31282	31282	138	424	572	602	25160
QUENSBRY-CEDAR__115_10	10	115	156	170	181	26140
QUENSBRY-SHERMAN__115_17-QS	17	115	141	144	165	26142
RAINEY__-FARRAGUT_345_61	63	345	758	866	1113	25152
RAINEY__-FARRAGUT_345_62	62	345	796	898	1135	25253
RAINEY__-FARRAGUT_345_63	61	345	758	866	1113	25254
RAINEY__-VERNON__138_36311	36311	138	320	361	389	25296
RAINEY__-VERNON__138_36312	36312	138	302	365	388	25297
RAMAPO__345_138_BK 1300	1300	345	451	546	619	25441
RAMAPO__345_138_BK 2300	2300	345	451	546	619	25442
RAMAPO__345_345_PAR3500	BK4500	345	588	840	1113	25370
RAMAPO__345_345_PAR4500	BK3500	345	588	840	1113	25371
RAMAPO__500_345_BK 1500	1500	345	1160	1419	1923	25656
RAMAPO__-BUCHAN_N_345_Y94	Y94	345	1822	2010	2552	25184
RAMAPO__-LADENTWN_345_W72	W72	345	1822	2010	2552	25233
RAMAPOOR-TALLMAN__138_60	60	138	456	478	500	25880
REYNOLDS_345_115_BK 2	BK#2	345	585	676	796	25403
REYNOLDS-ALPS____345_1-AR	1	345	1458	1601	1780	25587
REYNOLDS-GREENBSH_115_9-RG	9-RG	115	398	398	398	26129
RICHFELD-ESPRGFLD_115_942	942	115	119	120	120	26176
RIDGE_RD-HILLSIDE_115_963	963	115	133	145	149	26190
RIDGE_RD-HILLSIDE_115_978-1	978	115	133	149	162	26191

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
RINGWOOD-SUGRLOAF_69__982_99_993	982_993	69	141	154	160	26696
RIVERSDE-REYNOLDS_115_4-RRT	4	115	239	239	239	26144
RIVERSDE-TRINITY__115_18	18	115	159	178	258	26491
RIVRHEAD_138_69__BK 7	BK 7	138	133	164	219	26622
RIVRHEAD_138_69__BK 8	BK 8	138	136	167	219	26623
RIVRHEAD-SOUTHOLD_69__956_957	956_957	69	139	144	144	26621
ROBNSNRD_230/115_BK 1	BK#1	230	344	412	420	25395
ROBNSNRD-STOLLERD_230_65	65	230	673	717	717	25065
ROCHESTR_345_115_BK 1	BK #1TR	345	266	328	351	25412
ROCHESTR_345_115_BK 2	BK #2TR	345	389	476	478	25432
ROCHESTR_345_115_BK 3	BK #3TR	345	264	328	351	25446
ROCHESTR_345_115_BK 5	BK #3TR	345	546	630	630	325381
ROCHESTR-PANNELL__345_RP1	1	345	1591	1745	1904	25192
ROCHESTR-PANNELL__345_RP2	2	345	1591	1745	1904	25172
ROCKHILL-MNTNDALE_115_957		115	120	120	120	325615
ROCKTVRN_345_115_BK TR1	BK TR1	345	485	530	530	25406
ROCKTVRN_345_115_BK TR3	BK TR3	345	485	533	560	26168
ROCKTVRN-RAMAPO__345_77	77	345	1822	2010	2390	25183
ROCKTVRN-SUGRLOAF_115_SL	SL	115	161	176	185	25420
ROME____-ONEIDA__115_1-RO	1	115	168	187	216	26112
RONKOKMA-HOLBROOK_138_875	875	138	586	650	747	25541
ROSA_RD_-GE_R_D__115_14	14	115	245	257	294	26145
ROSETON_-EFISHKIL_345_305	305	345	2528	2772	3133	25108
ROSETON_-ROCKTVRN_345_311	311	345	1713	1885	2102	25069
ROTTRDAM_230/115_BK 8	BK#8	230	377	427	474	25413
ROTTRDAM_230_115_BK 6	BK#6	230	406	447	585	25407
ROTTRDAM_230_115_BK 7	BK#7	230	346	396	448	25392
ROTTRDAM-BURD_STE_115_19-RB	19	115	128	135	152	26146
ROTTRDAM-BURD_STW_115_17-RB	17	115	141	144	165	25129
ROTTRDAM-CURRY_RD_115_11	11	115	141	144	165	25869
ROTTRDAM-FRONT_ST_115_16	16	115	268	293	317	26147
ROTTRDAM-SWAGTN_E_115_1	1	115	238	238	238	26430
ROTTRDAM-SWAGTN_W_115_2	2	115	238	238	238	26429
ROTTRDAM-WOODLAWN_115_35	12	115	141	144	165	25865
RULAND__-HOLBROOK_138_882	882	138	586	650	747	25538
RULAND__-PILGRIM__138_661	661	138	572	593	593	25310
RULAND__-PILGRIM__138_662	662	138	593	593	593	25311
RULAND__-PINELAWN_69__755	755	69	101	112	117	26561
RULAND__-WOLFHILL_69__665_666	665_666	69	101	112	117	26560
RUSSEL_E-RUSSEL_W_34__RE RW	RE RW	34	35	40	42	26292
RUSSEL_E-RUSSEL_W_34__YE-YW	YE-YW	34	35	40	42	26298
RUSSEL_E-S42D____34__729	729	34	30	34	36	26289
RUSSEL_E-STA_46____34__768	768	34	39	41	44	26296
RUSSEL_E-STA29_3R_34__713	713	34	20	25	25	26290
RUSSEL_E-STA29_3Y_34__711	711	34	22	25	25	26297
RUSSEL_W_115_34__BK 8	BK 8	115	55	56	56	70501
RUSSEL_W-S42A____34__728	728	34	18	21	22	26293

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
RUSSEL_W-S42A____34__735	735	34	29	33	34	26294
RUSSEL_W-STTA_46__34__714	714	34	39	41	44	26300
RUSSEL_W-STTA_48__115_919	919	115	260	276	306	26302
RUSSEL_W-STTA_67__115_917	917	115	129	137	137	26301
RUSSEL_W-STTA_95__34__719	719	34	22	25	25	26299
RYAN____-PLATSBRG_230_RYP-2	RYP-2	230	288	320	356	25273
RYNDS_HL-INWOOD__115_IR	55	115	219	232	255	26248
S HERO__-PLATSBRG_115_PV20	PV-20/A	115	236	274	274	25027
S.COLTON-FIVE_FLS_115_9 EQ	9 EQ	115	170	185	197	68835
S.FRMDAL-RULAND__69__651	651	69	143	144	144	26568
S.FRMDAL-RULAND__69__751	751	69	143	144	144	26569
S.FRMDAL-STERLING_69__657	657	69	101	112	117	26526
S.FRMDAL-W.BABYLN_69__655	655	69	101	112	117	26530
S.MAHWAH-RAMAPOOR_138_51	51	138	282	309	321	25888
S.OSWEGO-HAMRHILL_115_6-IH	6	115	139	144	161	25513
S.OSWEGO-NINEMILE_115_1-SN	1	115	141	144	159	25501
S.OSWEGO-TEALLAVE_115_13_10-ST	13	115	199	199	199	25511
S.OWEGO_-GOUDEY__115_961	961	115	143	157	167	25725
S.OWEGO_-NWAVERLY_115_962-2	962	115	143	157	167	25727
S.PERRY_-MEYER__115_934	934	115	106	116	120	26194
S.RIPLEY-DUNKIRK__230_68	68	230	511	564	637	25045
S42A____-S42D____34__34KV BT	34KV BT	34	71	72	72	26316
SALAMANC_HOMER_HL_115_153	153	115	156	159	159	325763
SALAMANC_HOMER_HL_115_154	154	115	156	159	159	325764
SANDBORN-LOCKPORT_115_102-1	102-1	115	285	300	318	26052
SANDDOCK-NCHELSEA_115_KC	KC	115	265	282	315	26249
SANDSTON-COLTON__115_4-SC	4-SC	115	222	234	278	26084
SANDSTON-COLTON__115_5-SC	5	115	222	234	278	26085
SANDY PD-TEWKSBRY_345_337	337	345	2022	2182	2379	26366
SANDY PD-WACHUSST_345_314	314	345	2022	2325	2795	26352
SANDY PD-WACHUSST_345_343	343	345	1600	1760	1982	25716
SAUGRTES-HURLYAVE_69__SB	SB	69	86	90	96	26238
SAWYER__230_23__TB1	TB1	230	100	140	140	325047
SAWYER__230_23__TB2	TB2	230	100	140	140	325048
SAWYER__230_23__TB3	TB3	230	100	140	140	325049
SAWYER__-HUNTLEY__230_77	77	230	680	747	836	325043
SAWYER__-HUNTLEY__230_78	78	230	691	691	691	325044
SAWYER__-SUNY_77__230_79	79	230	691	760	848	325045
SAWYER__-SUNY_78__230_80	80	230	691	760	848	325046
SBATAVIA-GOLAH__115_119	119	115	168	185	196	26012
SCOBIE__-AMHERST__345_380	380	345	1697	1697	1697	25708
SCOBIE__-SEABROOK_345_363	363	345	1494	1494	1494	26378
SCOTAFILT-MASONCR__115_909	909	115	189	207	221	325702
SCOV RCK-HADDAMNK_345_376	376	345	1350	1554	1984	101015029
SCRIBA__345_25__23-GSU2	23-GSU2	345	1151	9997	9998	70513
SCRIBA__-FITZPTRK_345_FS-10	FS-10	345	1434	1434	1912	25076
SCRIBA__-VOLNEY__345_20-SV	20	345	1474	1626	1881	25204

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
SCRIBA__-VOLNEY__345_21-SV	21	345	1912	1912	1912	25314
SENECA_A-GARDNVLB_230_71	71	230	306	354	370	25856
SENECA_B-GARDNVLB_230_72	72	230	306	354	370	25857
SGOSHEN_-SHOEMAKR_69__24	24	69	83	90	94	26690
SGOSHEN_-SHOEMAKR_69__25	25	69	83	90	94	26692
SHENDOAH-EFISHKIL_115_EF	EF	115	243	267	293	26251
SHERMAN_-SPIERFLS_115_17-SS	17	115	141	144	159	26148
SHERMCRK-ACADEMY__138_331	331	138	383	479	607	325755
SHERMCRK-ACADEMY__138_332	332	138	383	479	607	325754
SHERMCRK-E179THST_138_15031	15031	138	184	259	401	25156
SHERMCRK-E179THST_138_15032	15032	138	184	259	401	25157
SHOEMAKR_138_69__BK 711	BK 711	138	212	281	319	26694
SHOEMAKR-CHESTROR_138_27	27	69	282	309	321	26466
SHOEMAKR-MONGAUP__69__12	12	69	66	76	84	26693
SHOEMAKR-MONGAUP__69__13_131	13	69	66	76	84	26467
SHOR_NPX-SHOREHAM_138_NPX_CSC	892	138	601	650	747	325153
SHORE_RD_345_138_BK 1	BK#1	345	522	641	641	25439
SHORE_RD_345_138_BK 2	BK#2	345	522	641	641	25440
SHORE_RD-GLENWD__138_365	365	138	572	628	698	25205
SHORE_RD-GLENWD__138_366	366	138	370	392	434	25154
SHORE_RD-LAKSUCSS_138_367	367	138	258	377	623	25145
SHORE_RD-LAKSUCSS_138_368	368	138	258	377	623	25150
SHOREHAM-BROOKHVN_138_861	861	138	501	553	678	25114
SHOREHAM-MILLERPL_138_879	879	138	501	553	678	25117
SHOREHAM-WILDWOOD_138_863	863	138	555	590	678	25115
SHOREHM_-WILDWOOD_69__891	891	69	183	184	184	26570
SINGER__-NORWALK__345_3280	3280	345	600	1140	1285	101015054
SINGER__-NORWALK__345_3921	3921	345	600	1140	1285	101015055
SLEIGHT__115/34__BK 1	BK#2	115	43	51	67	70523
SLEIGHT__115/34__BK 2	BK#1	115	43	51	67	70524
SLEIGHT_-CLYDE____115_971(3)	971	115	152	166	175	26686
SLEIGHT-AUB.	3	115	152	166	176	25356
SMAHWAH__345_138_BK 258	258	345	496	646	656	25393
SMAHWAH_-RAMAPO__345_69	69	345	1601	2010	2268	25021
SMAHWAH_-RAMAPO__345_70	70	345	1822	2010	2552	25259
SMITHFLD-AMENIA__69__SA	SA	69	93	102	108	26458
SMITHFLD-FALLS VG_69__690	690-FV	69	29	30	30	25619
SMITHTWN-HOLBROOK_69__672_673	672_673	69	101	112	117	26615
SMITHTWN-PORTJEFF_69__879_878_87	879_878	69	139	144	144	26609
SOUTHMPT-BUELL____69__966_969_97	966_969	69	120	121	121	26625
SOUTHNGT-SCOV RCK_345_3041	3041	345	1811	2145	2372	101015027
SOUTHOLD-BUELL____69__958	958	69	95	96	96	26626
SPERRY__-GLENWD__69__367_467	367_467	69	93	106	112	26572
SPIERFLS-BUTLER__115_4-SFB	4	115	128	135	152	26136
SPIERFLS-MOHICAN__115_7-SFM	7	115	141	144	159	26435
SPIERFLS-QUENSBRY_115_5-SFQ	5	115	128	135	152	26141
SPRAINBROOK - SPRNBR49	R49REAC	345	755	978	1423	26725

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
SPRNBRK__345_138_BK N7	BK N7	345	382	451	472	25628
SPRNBRK__345_138_BK S6	BK S6	345	382	451	472	25625
SPRNBRK_-ACADEMY__345_M29	M29	345	595	861	1521	325756
SPRNBRK_-DUNWODIE_138_99941	99941	138	414	464	464	25245
SPRNBRK_-DUNWODIE_138_99942	99942	138	414	464	464	25246
SPRNBRK_-DUNWODIE_345_W75	W75	345	2838	3185	3657	25071
SPRNBRK_-EGRDNC'TR_345_Y49	Y49	345	693	940	1360	25105
SPRNBRK_-TREMONT__345_X28	X28	345	543	722	1074	25175
SPRNBRK_-W49TH_ST_345_M51	M51	345	736	968	1311	25053
SPRNBRK_-W49TH_ST_345_M52	M52	345	736	968	1311	25223
ST_139_A-DUNKIRK__115_141-2	141	115	107	117	123	26026
ST_139_B-BENETTNM_115_142-2	142-2	115	107	117	123	26018
ST_60_36-LOCKPORT_115_36-2	36	115	176	181	199	26049
ST_60_37-LOCKPORT_115_37-2	37	115	176	181	199	26048
STA_128_-STA_82__115_906	906	115	155	171	181	26303
STA_129_-GARDNVLB_115_39-2	39	115	168	181	209	26036
STA_154_-GARDNVLB_115_38-2	38	115	168	203	237	26039
STA_158_-STA_128__115_924	924	115	155	171	181	26654
STA_162_-S.PERRY__115_906- 7X	7X16272	115	143	157	167	25062
STA_162_-STA_158__115_924	924	115	155	171	181	26653
STA_204__115_34__BK 1	BK 1	115	56	67	112	70539
STA_204__115_34__BK 2	BK 2	115	56	67	112	70540
STA_204_-S42_____115_911-2	911	115	176	242	414	26307
STA_33__115_34__BK 1_2	BK 1_2	115	74	80	90	70541
STA_33_-MORTIMER_115_901-2	901	115	222	234	278	25097
STA_37__115_34__BK 8	BK 8	115	50	59	100	70542
STA_37_-STA_48__115_916-1	916-1	115	250	280	300	26314
STA_37_-STA_48__34__716	716	34	43	45	48	26315
STA_37_-STA_67__115_916-2	916-2	115	250	280	300	26313
STA_48__115_34__BK 6	BK 6	115	60	71	73	70544
STA_48__115_34__BK 9	BK 9	115	67	74	112	70543
STA_67_-ROCHESRG_115_922	922	115	343	391	416	26321
STA_67_-STA_82__115_903	903	115	343	416	433	26322
STA_82_-MORTIMER_115_7X8272	7X8272	115	337	414	460	25098
STA_82_-ROCHESRG_115_904	904	115	608	657	657	25081
STA_82_-ROCHESRG_115_905	905	115	608	657	657	26305
STA_82_-STA_33B__115_902 EQ	902	115	225	239	239	70058
STA29_3R_34A__34B__BK 1	BK1	34	29	30	30	70537
STA29_3Y_34A__34B__BK 1	BK 1	34	29	30	30	70538
STA29_3Y-STA_95__34__766	766	34	22	25	25	26309
STATE_CA-PATRTAP__115_15	15	115	170	188	239	26494
STATE_ST-WRGHTAVE_115_976	976	115	231	239	239	26200
STERLING_138_69__BK 3	BK 3	138	272	335	446	26524
STERLING-RULAND__138_663	663	138	245	304	338	26498
STERLING-W.BABYLN_69__752_753	752_753	69	101	112	117	26529
STJHNVLE-MARSHVLE_115_11	11	115	159	159	159	26127
STLAWRNC_230A_230C_PS 33	L33P	230	285	298	363	25118

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
STLAWRNC_230B_230D_PS 34	L34P	230	356	375	525	25119
STOLLERD_345/115_BK 3	#3	345	347	415	420	25461
STOLLERD_345/115_BK 4	#4	345	356	420	420	25462
STOLLERD-HISHELDN_230_67	67	230	506	556	603	25064
STONER__-ROTTRDAM_115_12-SR	12-SR	115	141	144	165	25680
STONYRDG_230_115_BK1	BK#1	230	291	336	336	325811
STONYRDG-HILLSIDE_230_72	72	230	610	669	737	325810
STRUGNPL-BOULEVRD_69__N	N	69	54	56	63	26211
STRUGNPL-OHIOVLL_69__O	O	69	49	52	58	26246
STWMANOR-LAKSUCSS_69__366	364_366	69	71	72	72	26585
SUGRLOAF_115_69__BK 6108	BK 6108	115	189	222	250	26333
SUGRLOAF_138_69__BK 7108	BK 7108	138	192	226	253	25891
SUGRLOAF-RAMAPOOR_138_26	26	138	314	343	356	25326
SUGRLOAF-SGOSHEN__69__24	24	69	83	90	94	325306
SUGRLOAF-SGOSHEN__69__25	25	69	83	90	94	325307
SULLVNP-K-STONYRDG_115_712	712	115	277	320	320	325809
SUNY_77_-GARDNVLB_230_79-1	79	230	691	760	848	25165
SUNY_78_-GARDNVLB_230_80-1	80	230	691	760	848	25196
SUPERCON-HOLBROOK_138_865	865	138	216	216	216	325605
SUPERCON-HOLBROOK_138_866	866	138	400	440	487	325606
SWAGTN_E-BALLSTNE_115_1	1	115	238	238	238	26125
SWAGTN_W-BALLSTNW_115_2	2	115	238	238	238	26124
SWANROAD-LOCKPORT_115_103-1	103-1	115	211	217	242	26051
SWANROAD-LOCKPORT_115_104-2	104	115	199	199	199	26050
SWEDEN_A-MORTIMER_115_111-2	111	115	129	149	153	25347
SWEDEN_B-MORTIMER_115_113-2	113-2	115	129	149	153	25348
SYLVANLK-PAWLING__115_990	990	115	179	179	179	26156
SYOSSET__138_69__BK 5	BK 5	138	272	335	446	26565
SYOSSET_-LOCUSTGR_138_559	559	138	555	590	678	25904
SYOSSET_-PLAINVIE_69__555_483	555_483	69	95	143	143	26567
TALLMAN_-HILLBURN_69__59	59	69	124	135	140	26507
TALLMAN_-MONSEY__138_602	602	138	456	478	500	325609
TAYLORVL-BULYMO__115_6	6	115	128	135	152	26070
TAYLORVL-LOWVILLE_115_5-TL	5	115	128	135	152	26107
TEALLAVE-ASH_____115_7-TA	7	115	123	148	148	26063
TEALLAVE-ASH_____115_8-AT	8	115	123	148	148	26117
TEALLAVE-BM_CC_GM__115_6	6	115	227	239	239	26154
TEALLAVE-ONEIDA__115_2-OT	2	115	141	144	159	25895
TEALLAVE-PETERBOR_115_5	5	115	141	144	165	325164
TELGRAPH_115_34__114__BK 2	BK 2	115	66	79	79	26509
TELGRAPH_115_34__115__BK 1	BK 1	115	66	79	79	26013
TELGRAPH-MORTIMER_115_114-2	114	115	129	149	153	25349
TELGRAPH-N.AKRN_1_115_107-2	107-2	115	158	162	187	26508
TEMPLE__-PEAT ST__115_10-TP	10	115	207	233	233	26715
TIANA__-CANAL_____69__966	966	69	120	121	121	26618
TIANA__-RIVRHEAD_69__961	961	69	120	121	121	26616
TIANA__-RIVRHEAD_69__962	962	69	115	115	115	26617

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
TICONDRG-REPUBLIC_115_2	2	115	63	63	63	26470
TILDEN__-DEWITT__115_19-TD	19	115	222	234	239	26092
TODDHILL-FISHKPLN_115_A	A	115	174	190	202	325157
TREMONT__138A_138B_BK 11	R11	138	271	329	377	25649
TREMONT__138C_138D_BK 12	R12	138	271	329	377	25650
TREMONT__345_138_BK 11	R11	345	299	350	407	25473
TREMONT__345_138_BK 12	R12	138	299	350	407	25474
TREMONT_-PARKCHTR_138_38X01	38X01	138	163	228	342	25120
TREMONT_-PARKCHTR_138_38X03	38X03	138	163	228	342	25122
TREMONT_-PARKCHTR_138_38X04	38X04	138	163	228	342	25123
TRINITY_-RIVERSDE_115_19	19	115	214	256	311	26492
TULLERHL-CLRKSCRN_115_1-716	1(947)	115	146	170	179	25059
UPSADRV_-GRANDAV__69__654	654	69	139	152	158	325204
VALKIN__-FT._ORAN_115_15	15	115	159	159	159	325685
VALLEY__-FAIRFIEL_115_12	3	115	141	144	159	325743
VALLYSTR_138A_138B_PAR	PAR	138	366	450	450	25607
VALLYSTR-BARRETT__138_291	291	138	261	334	434	25312
VALLYSTR-BARRETT__138_292	292	138	261	334	434	25313
VALLYSTR-EGRDNCTY_138_262	262	138	245	319	421	25244
VERNON__18_138__MTX_XM_1		138	259	345	428	26726
VERNON__-GREENWD__138_31231	31231-1	138	177	241	247	25337
VERNON__-KENTAVE__138_31232-1	31232-1	138	177	254	393	26123
VERNON__-W49TH_ST_138_38M72	38M72	138	156	192	238	325122
VINGR_TP-VINEGAR__115_917 TAP	917 TAP	115	149	172	215	26455
VOLNEY__-CLAY____345_6-CV	6	345	1431	1605	1881	25198
VOLNEY__-MARCY____345_19	19	345	1434	1793	2297	25345
VT YANK_-COOLIDGE_345_340	340	345	1266	1266	1434	25717
VT YANK_-FITZWILL_345_379	379	345	896	896	896	26388
W.BABYLN-BRGHTWTR_69__766_771	766_771	69	143	144	144	26538
W.NYACK__138_69__BK 221	BK 221	138	212	281	319	26334
W_ERIAVE-SULLVNP_115_711	711	115	299	327	360	325808
W_RUTLND-COOLIDGE_345_350	350	345	1719	1867	2069	101015006
W_RUTLND-NEW_HAVN_345_370	370	345	1719	1867	2069	101015007
W49TH_ST-E13THSTA_345_M54	M54	345	828	920	1311	25228
W49TH_ST-E13THSTA_345_M55	M55	345	828	920	1311	25222
WACHUSST-MILLBURY_345_308	308	345	1475	1560	1982	101015086
WACHUSST-MILLBURY_345_313	313	345	1969	2020	2190	101015085
WADNGRIV-NSHORBCH_138_878	878	138	555	590	678	325642
WADNGRIV-SHOREHAM_138_891	891	138	501	553	678	25342
WALCK_RD-ZIMMERM2_115_133-1	133-1	115	198	199	199	26153
WALDEN__-DEPEW_TP_115_54-2	54	115	168	212	239	26024
WALDWICK_345_230_BK1	BK#1	345	622	763	850	25479
WALDWICK_345_230_BK2	BK#2	345	630	768	841	25480
WALDWICK_345_230_BK3	BK#3	345	690	852	952	25481
WALDWICK-FAIRLAWN_230_O2267	O2267	230	434	576	862	25489
WALDWICK-HILLSDAL_230_F2258	F2258	230	448	583	859	25487
WALDWICK-HINCHMAN_230_E2257-1	E2257	230	448	583	859	25488

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
WALDWICK-SMAHWAH__345_J3410	J3410	345	581	823	1069	25032
WALDWICK-SMAHWAH__345_K3411	K3411	345	608	863	1123	25039
WARREN__-FALCONER_115_171	171	115	133	133	153	25015
WATKINRD-INGHAM_C_115_2-WI	2-WI	115	141	144	159	25805
WATRCURE_345_230_BK 1	BK#1	345	494	590	600	25402
WATRCURE-OAKDALE__230_71	71	230	318	435	440	25179
WATRCURE-OAKDALE__345_31	31	345	1076	1076	1076	25178
WATSON__-BAYPORT__69__774_779	774_779	69	101	112	117	26557
WATSON__-SAYVILLE_69__780	780	69	101	112	117	26554
WETHSRFD-MEYER____230_85	85	230	506	556	603	325623
WHAVSTOR-LOVETT____138_53	53	138	282	309	321	25884
WHAVSTOR-LOVETT____138_54	54	138	282	309	321	25885
WHAVSTRW_345_138_BK 194	BK#194	345	451	546	619	25447
WHITEHAL-COMSTKNM_115_13-MW	13	115	141	144	159	25903
WHITEHAL-TICONDRG_115_3	3	115	47	86	86	26471
WHITESIDE-VALLYSTR_69__262	262	69	101	112	117	26592
WICCOPEE-SHENDOAH_115_FS	FS	115	242	260	282	325773
WILDWOOD_138_69__BK 4	BK 4	138	272	335	446	26550
WILDWOOD-RIVRHEAD_138_890	890	138	370	392	434	25905
WILDWOOD-RIVRHEAD_69__955	955	69	77	92	97	26619
WILLET__-ENORWICH_115_945-1	945	115	133	149	162	25732
WILLIS____230/115_BK 1	WIL-AT1	230	172	201	225	25388
WILLIS____230/115_BK 2	WIL-AT2	230	172	201	225	25390
WILLIS__-BRNDVLE_115_911	WS-1	115	149	171	184	26204
WILLIS__-DULEY____230_WD-1	WD1	230	478	478	569	325565
WILLIS__-RYAN____230_WRY-2	WRY-2	230	478	478	569	325566
WILLWBRK-FRESHKLS_138_29211-2	29211-2	138	213	299	462	25319
WILLWBRK-FRESHKLS_138_29212-2	29212-1	138	213	299	462	25320
WOLF_RD_-MENANDS__115_10	10	115	128	135	152	26255
WOLFHILL-GREENLWN_69__667	667	69	72	207	227	26558
WOOD_ST__345/115_BK 1	BK#1	345	378	420	420	25437
WOOD_ST__345/115_BK 2	BK#2	345	375	420	420	25438
WOOD_ST_-AMAWALK__115_996	996	115	261	287	311	25574
WOOD_ST_-MILLWOOD_345_W80	W80	345	1976	2384	2892	25148
WOOD_ST_-MILLWOOD_345_W81	W81	345	1976	2384	2892	25525
WOOD_ST_-PLSNTVLE_345_Y86	Y86	345	2401	3031	3402	25358
WOOD_ST_-PLSNTVLE_345_Y87	Y87	345	2401	3031	3402	25132
WOODARD_-ELBRIDGE_115_4	17	115	190	208	221	325316
WOODLAWN-STATE_CA_115_12	12	115	141	144	165	26490
WOODMERE_VALLYSTR_69__261	261	69	127	143	144	325285
WRGHTAVE-MILLIKEN_115_973	973	115	231	260	286	26195
WWDBURNE_115/69__BK 1	T152	115	50	50	50	25404
WWDBURNE-HONK_FLS_69__WH2	WH2	69	51	56	59	26234
WWDBURNE-NVRSK_TP_69__WH1-3+860L	WH1-3	69	51	56	59	26245
WYNTKLM-REYNOLDS_115_13-WR	13	115	227	248	268	26143
YAHNUNDA-EDIC_PTR_115_3	3	115	141	144	159	26515
ZIMMERM1-HUNTLEY__115_130-1	130-1	115	211	217	239	26043

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID
ZIMMERM2-HUNTLEY__115_133-2	133	115	211	217	239	26042
WOLFHILL-GREENLWN_69__667	667	69	72	207	227	26558
WOOD_ST__345/115_BK 1	BK#1	345	378	420	420	25437

APPENDIX E

INTERFACE DEFINITIONS

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NYISO OPERATING INTERFACES & OASIS TRANSMISSION PATHS

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

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

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

* indicates the metered end of the circuit

TOTAL EAST		
<i>Mohawk Valley (Zone E) – Capital (Zone F)</i>		
Name	Line ID	Voltage (kV)
Edic-New Scotland*	14	345
Marcy-New Scotland*	18	345
*Fraser-Gilboa	35	345
Porter-Rotterdam*	30	230
Porter-Rotterdam*	31	230
East Springfield-Inghams*	942	115
Inghams PAR	PAR	115
Inghams Bus Tie	R81	115
<i>Mohawk Valley (Zone E) – Hudson Valley (Zone G)</i>		
Coopers-Middletown*	CCRT-34	345
Coopers-Rock Tavern*	CCRT-42	345
West Woodbourne*115/69	T152	115/69
<i>North (Zone D) – ISONE (Zone N)</i>		
*Plattsburgh-Grand Isle	PV-20	115
<i>PJM East (Zone P) – Hudson Valley (Zone G)</i>		
Branchburg-Ramapo*	5018	500
*Waldwick- S.Mahwah	J3410	345
*Waldwick-S.Mahwah	K3411	345
<i>PJM East (Zone P) – NYC (Zone J)</i>		
Hudson-Farragut*	C3403	345
Hudson-Farragut*	B3402	345
Linden-Goethals*	A2253	230
<i>PJM (Rockland Electric) – Hudson Valley (Zone E)</i>		
*Creskil-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	MA-1	230
*Moses-Adirondack	MA-2	230
*Dennison-Colton	4	115
*Dennison-Colton	5	115
*Alcoa-N. Ogdensburg	13	115
Malone-Colton*	3	115

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

SPRAIN BROOK-DUNWOODIE SOUTH		
<i>Dunwoodie (Zone I) – NYC (Zone J)</i>		
Name	Line ID	Voltage (kV)
*Dunwoodie-Mott Haven	71	345
*Dunwoodie-Mott Haven	72	345
Sprain Brook-Tremont*	28	345
*Sprain Brook-West 49th Street	M51	345
*Sprain Brook-West 49th Street	M52	345
*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) – ISONE (Zone N)</i>		
Name	Line ID	Voltage (kV)
*Plattsburgh-Grand Isle	PV-20	115
<i>Capital (Zone F) – ISONE (Zone N)</i>		
*Alps-Berkshire	393	345
Rotterdam-Bear Swamp*	E205W	230
*Hoosick -Bennington	6	115
*Whitehall-Blissville	7	115
<i>Hudson Valley (Zone G) – ISONE (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.	104	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>		
Branchburg-Ramapo*	5018	500
*Waldwick-S.Mahwah	J3410	345
*Waldwick-S.Mahwah	K3411	345
<i>PJM (Rockland Electric) – Hudson Valley (Zone E)</i>		
*Creskil-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

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APPENDIX F

ANNOTATED MUST OUTPUT

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Electronically If Requested

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APPENDIX G

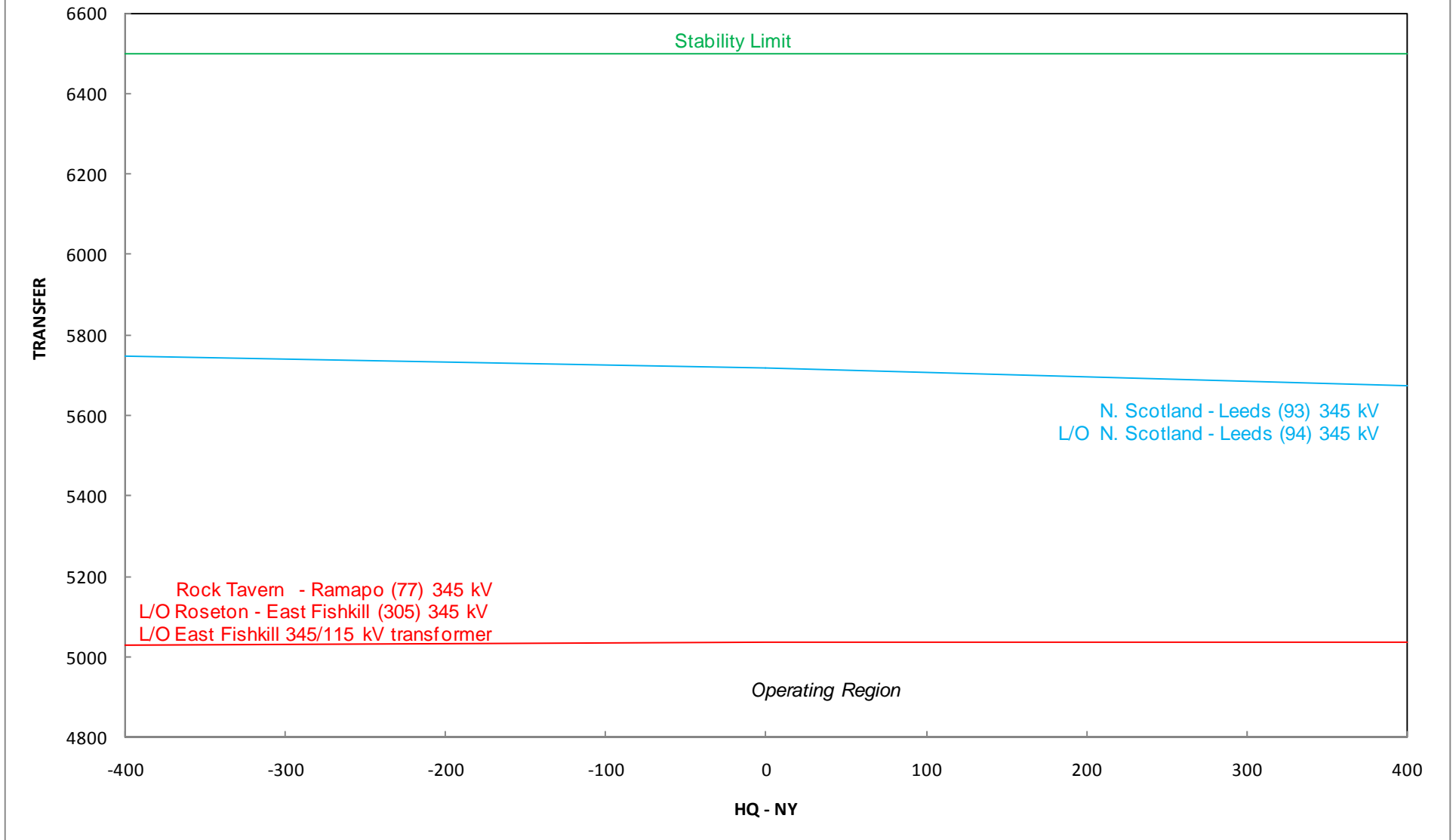
TRANSFER LIMIT SENSITIVITY GRAPHS

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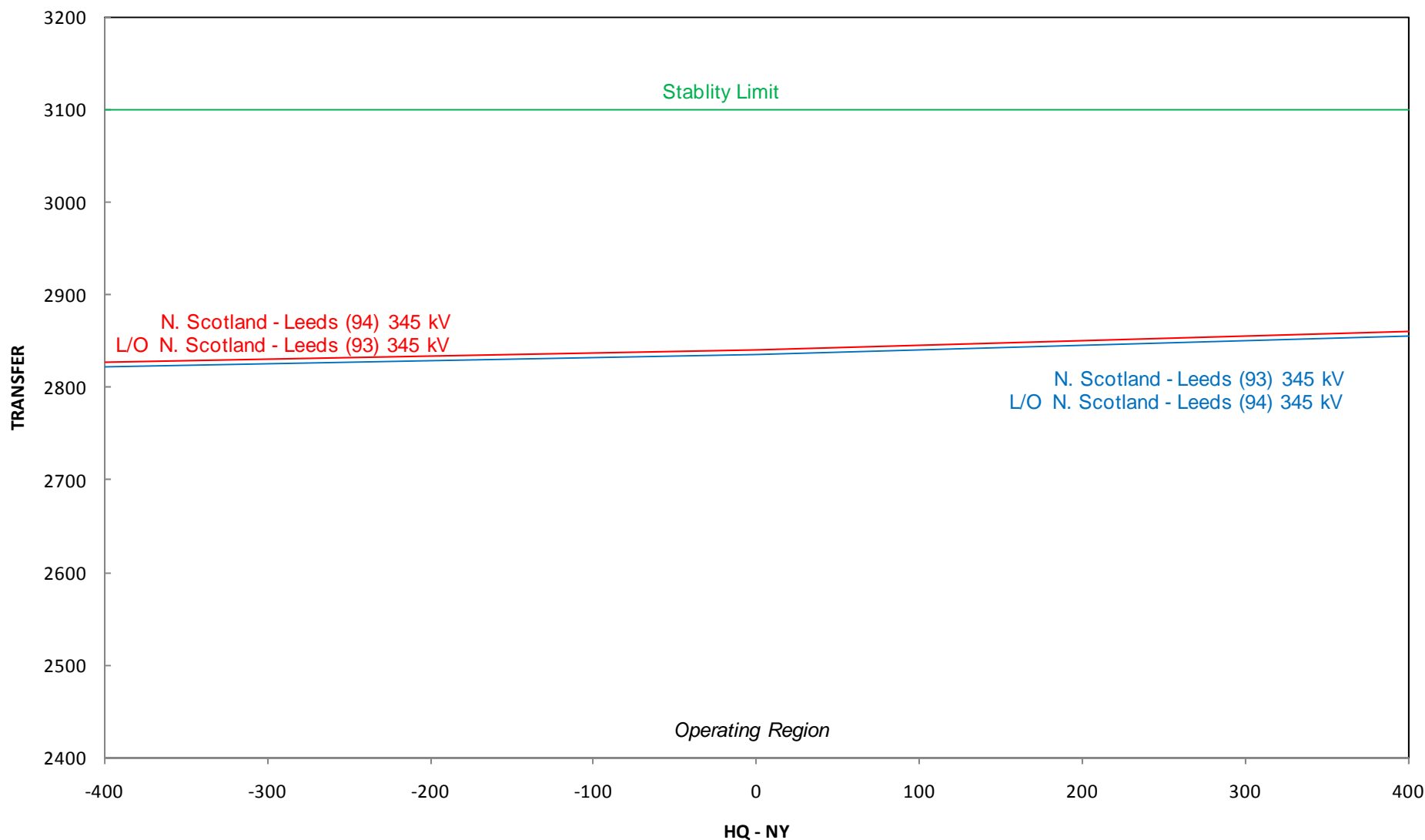
INDEX

1. Total East vs. HQ-NY	G-2
2. Central East vs. HQ-NY	G-3
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9. NYISO-IESO (ONTARIO) Transfer vs. L33P & L34P	G-10
10. IESO (ONTARIO)-NYISO Transfer vs. L33P & L34P	G-11

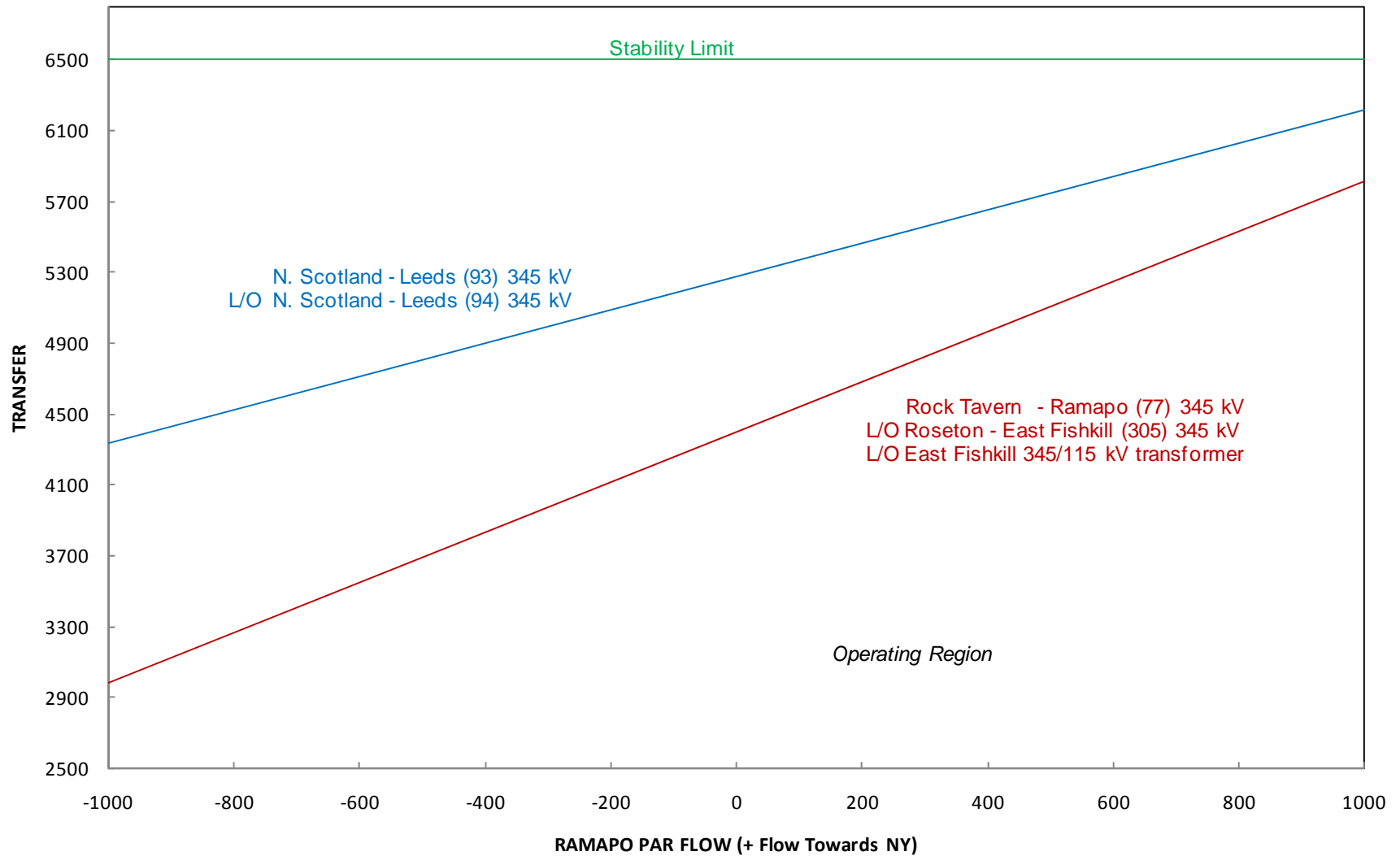
Total East vs. HQ Export to New York For Normal Transfer Criteria Winter 2011-12



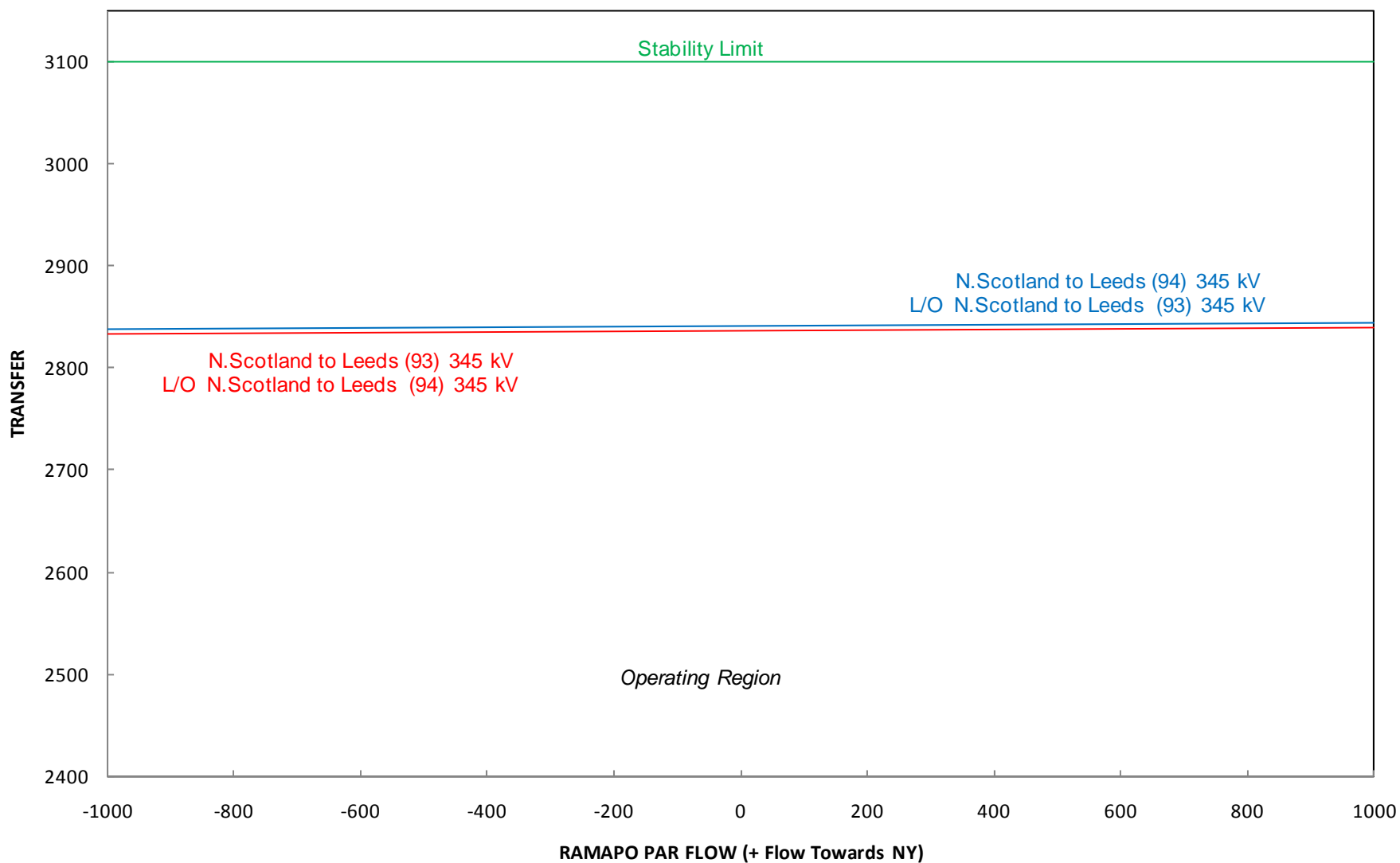
Central East vs. HQ Export to New York For Normal Transfer Criteria Winter 2011-12



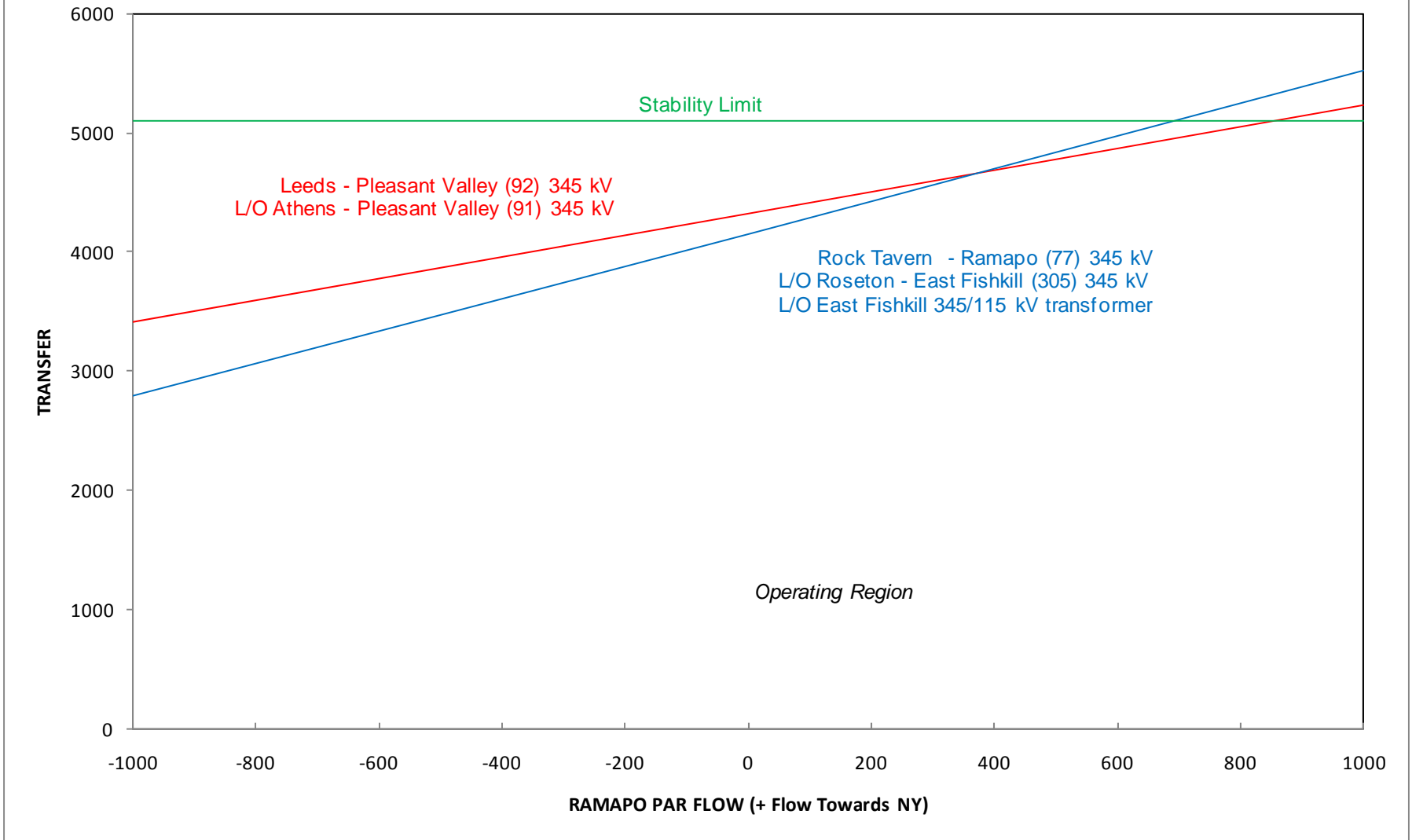
Total East vs. RAMAPO PAR Flow For Normal Transfer Criteria Winter 2011-12



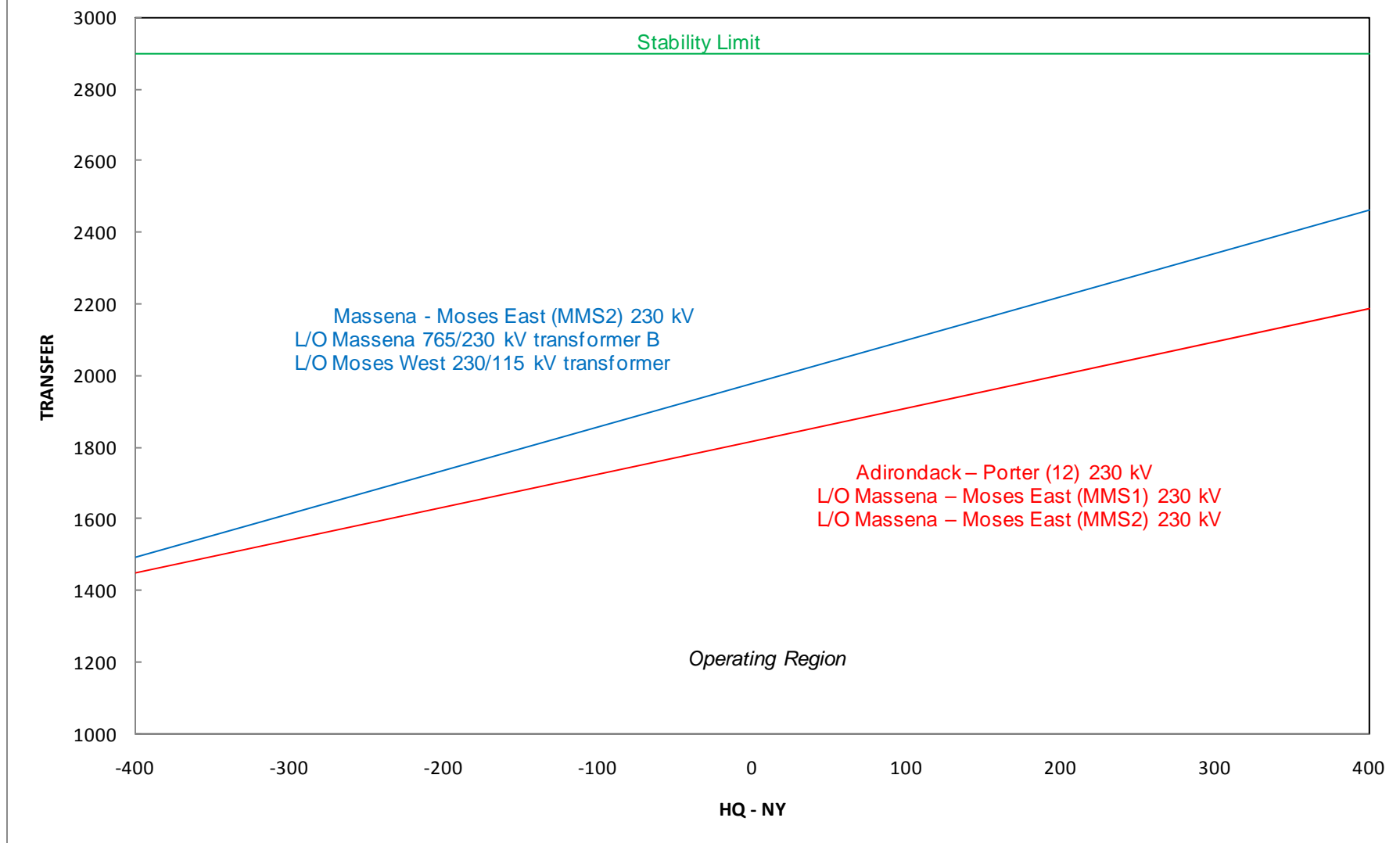
Central East vs. RAMAPO PAR Flow For Normal Transfer Criteria Winter 2011-12



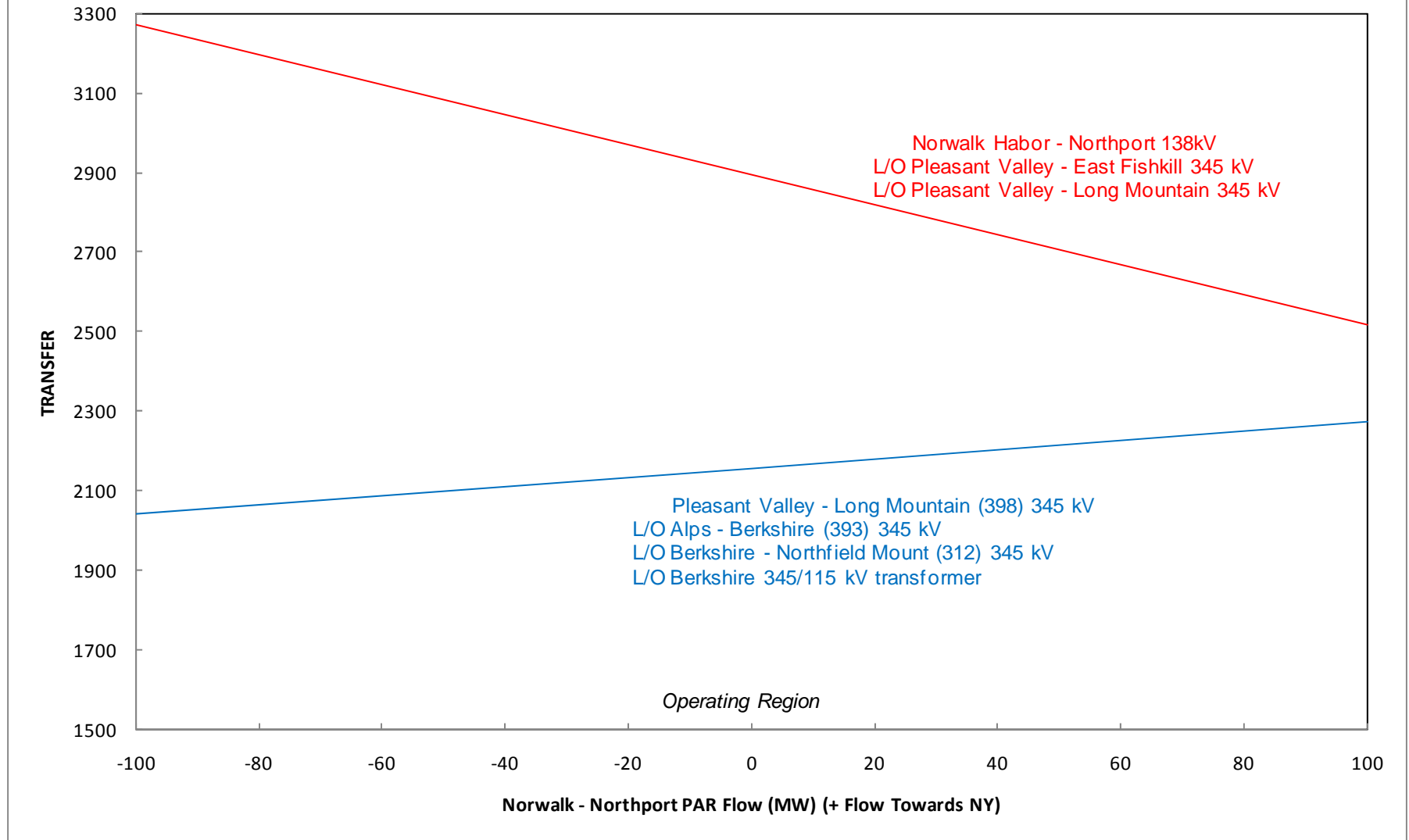
UPNY CONED vs. RAMAPO PAR Flow For Normal Transfer Criteria Winter 2011-12



Moses South vs. HQ Export to New York For Normal Transfer Criteria Winter 2011-12



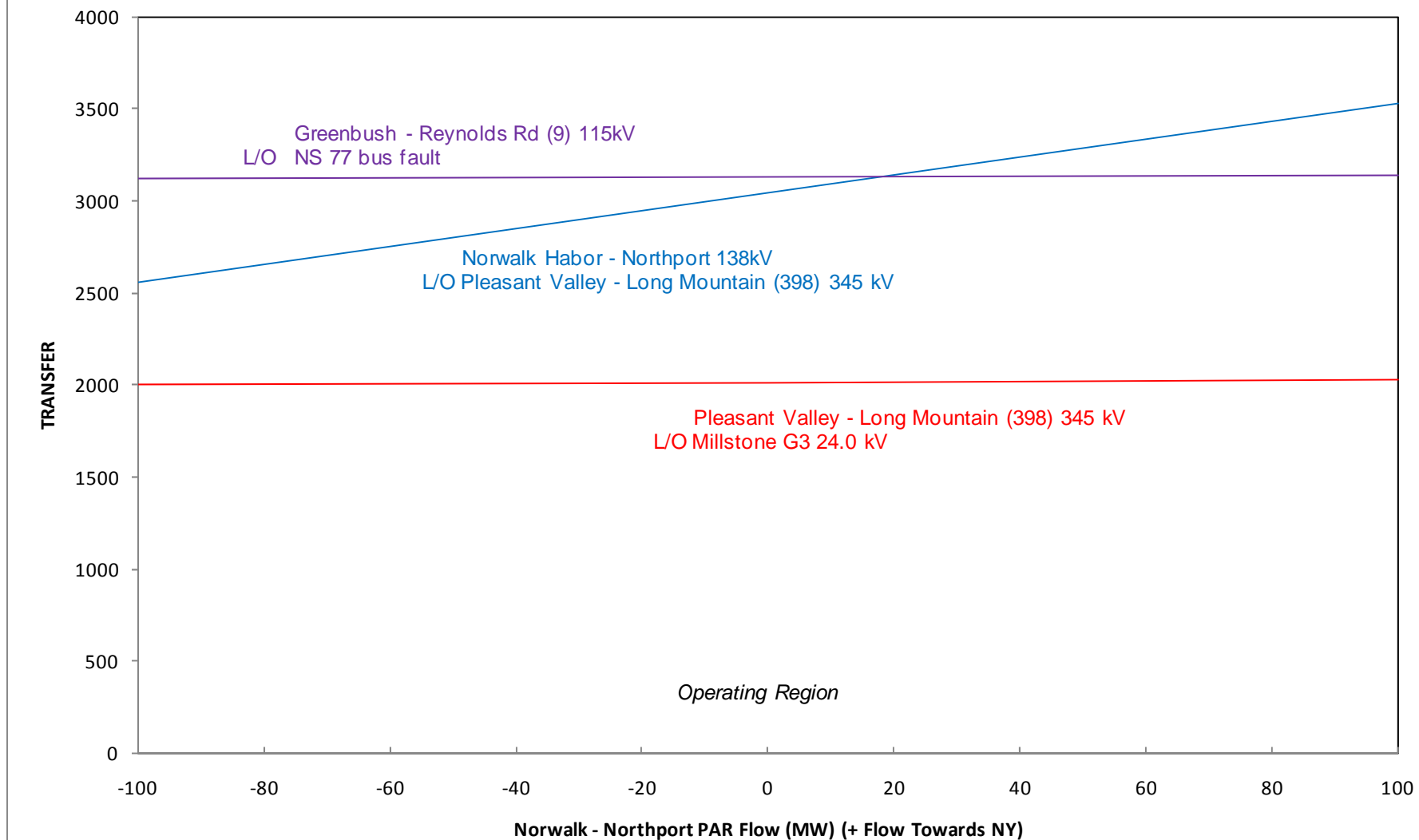
NE-NY vs. NORWALK-NORTHPORT PAR Flow For Normal Transfer Criteria Winter 2011-12



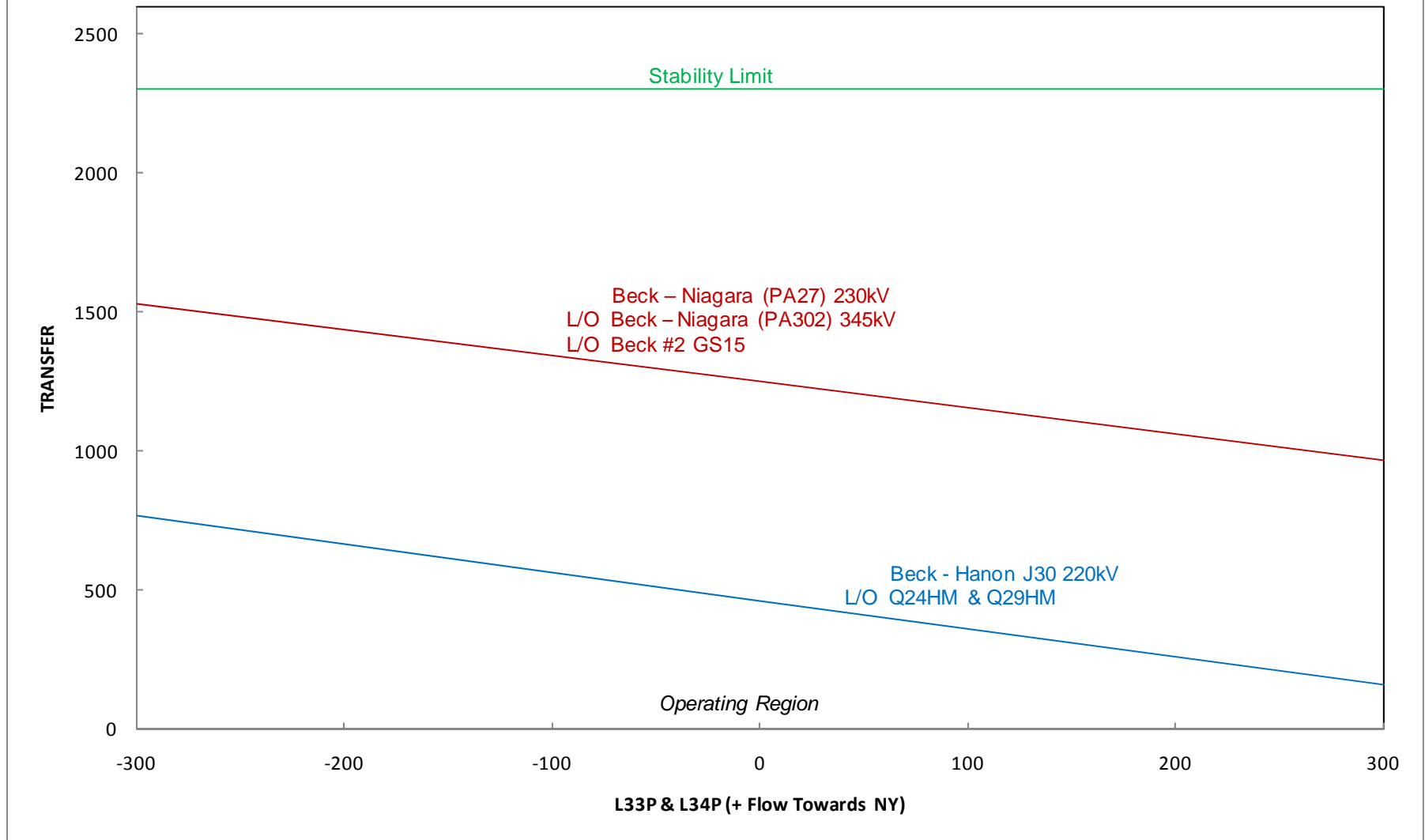
NY-NE vs. NORWALK-NORTHPORT PAR Flow

For Normal Transfer Criteria

Winter 2011-12

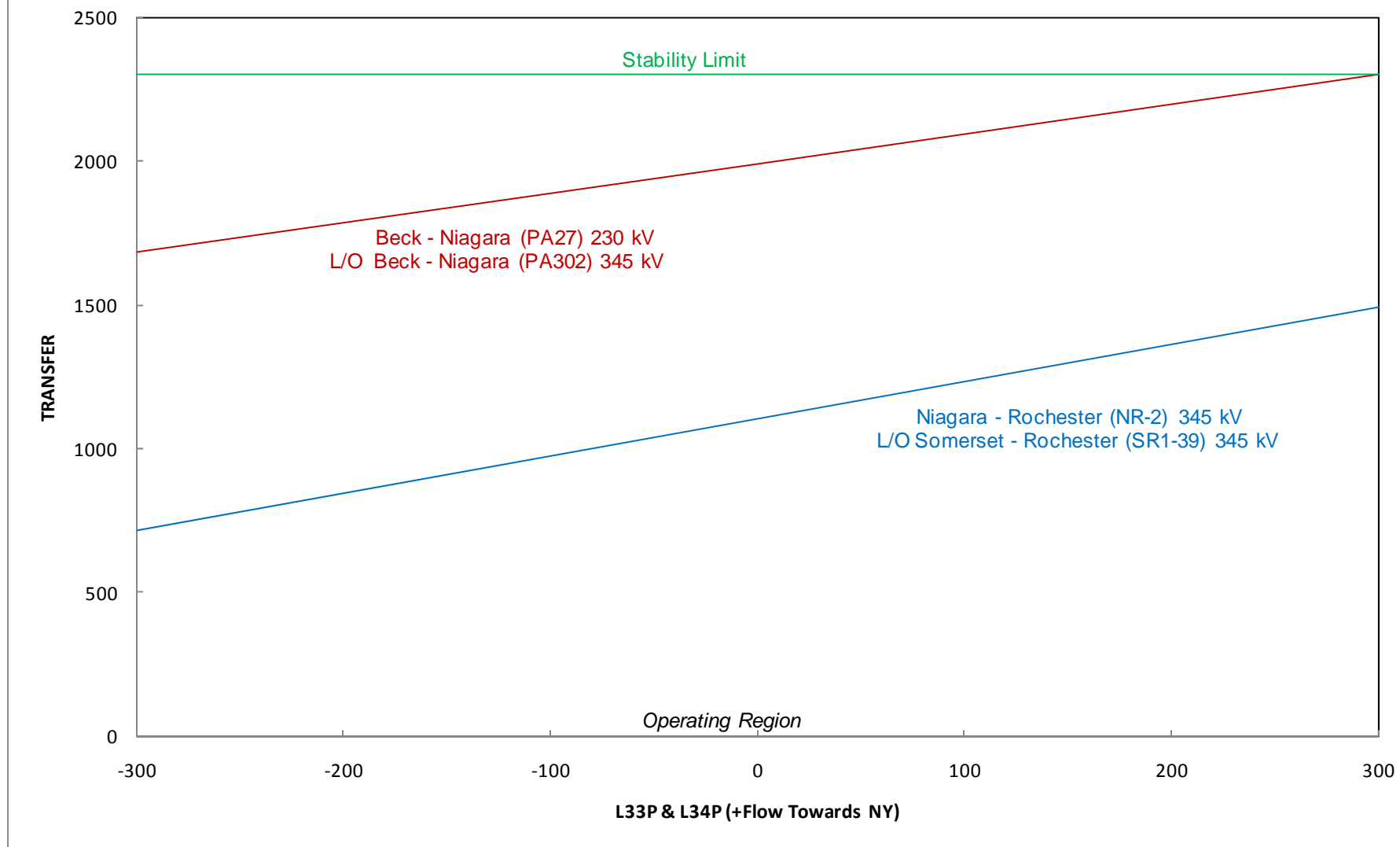


NY - IESO (Ontario) Transfer vs. L33P & L34P
For Normal Transfer Criteria
Winter 2011-12 with BP76 O/S



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

For Normal Transfer Criteria
Winter 2011-12 with BP76 O/S



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APPENDIX H

**COMPARISON OF TRANSFER LIMITS
WINTER 2011-12 vs. WINTER 2010-11**

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Comparison of Winter 2011-12 to Winter 2010-11 Thermal Limits

		WINTER 2011-12		WINTER 2010-11		
Interface		Limit (MW)	Contingency	Limit (MW)	Contingency	Delta
Dysinger East	Normal	3325	1	3375	1	-50
	Emergency	3600	2	3650	2	-50
West Central	Normal	2350	1	2425	1	-75
	Emergency	2625	2	2700	2	-75
UPNY - ConEd	Normal	4675	3	5400	3	-725
	Emergency	5125	4	5850	4	-725
Sprain Brook Dunwoodie-South	Normal	3850	5	3825	5	25
	Emergency	4150	6	4125	6	25
Con Ed - LIPA	Normal	925	9	875	7	50
	Emergency	1525	10	1500	8	25
Central East	MSC-7040 FLOW	HQ -> NY	400 MW	HQ -> NY	400 MW	
	Normal	2850	11	2875	11	-25
	Emergency	3200	12	3250	12	-50
	MSC-7040 FLOW		0 MW		0 MW	
	Normal	2825	11	2875	11	-50
	Emergency	3200	12	3225	12	-25
	MSC-7040 FLOW	NY -> HQ	400 MW	NY -> HQ	400 MW	
	Normal	2800	11	2850	11	-50
	Emergency	3175	12	3225	12	-50
Total East ¹	MSC-7040 FLOW	HQ -> NY	400 MW	HQ -> NY	400 MW	
	Normal	5025	11	5525	11	-500
	Emergency	6300	12	6275	12	25
	MSC-7040 FLOW		0 MW		0 MW	
	Normal	5025	11	5575	11	-550
	Emergency	6300	12	6350	12	-50
	MSC-7040 FLOW	NY -> HQ	400 MW	NY -> HQ	400 MW	
	Normal	5025	13	5650	11	-625
	Emergency	6275	14	6400	12	-125
Moses - South	MSC-7040 FLOW	HQ -> NY	400 MW	HQ -> NY	400 MW	
	Normal	2175	15	1975	17	200
	Emergency	2675	16	2150	18	525
	MSC-7040 FLOW		0 MW		0 MW	
	Normal	1800	15	1925	17	-125
	Emergency	2200	16	2050	18	150
	MSC-7040 FLOW	NY -> HQ	400 MW	NY -> HQ	400 MW	
	Normal	1450	15	1550	17	-100
	Emergency	1725	16	2075	18	-350

¹ Limits in this report do not include Neptune in the Total East Interface.

NYISO WINTER 2011-12 CROSS-STATE THERMAL LIMIT CONTINGENCY LIST

	Limiting Element			Contingency
(1)	Niagara – Rochester (NR-2) 345kV	@LTE	1745 MW L/O	AES/Somerset - Rochester (SR-1) 345kV
(2)	Niagara – Rochester (NR-2) 345kV	@STE	1904 MW L/O	AES/Somerset - Rochester (SR-1) 345kV
(3)	Leeds – Pleasant Valley (92) 345kV	@LTE	1783 MW L/O	Athens – Pleasant Valley (91) 345kV
(4)	Leeds – Pleasant Valley (92) 345kV	@STE	1912 MW L/O	Athens – Pleasant Valley (91) 345kV
(5)	Dunwoodie – Mott Haven (71) 345kV	@SCUC	977 MW L/O	Dunwoodie – Mott Haven (72) 345kV
(6)	Mott Haven – Rainey (71) 345kV	@STE	1125 MW L/O	Dunwoodie – Mott Haven (72) 345kV
(7)	Dunwoodie – Shore Rd. (Y50) 345kV	@LTE	925 MW L/O	Sprain Brook – E.G.C. (Y49) 345kV
(8)	Dunwoodie – Shore Rd. (Y50) 345 kV	@NOR	664 MW	Pre-Contingency Loading
(9)	Dunwoodie – Shore Rd. (Y50) 345kV	@LTE	959 MW L/O	Sprain Brook – E.G.C. (Y49) 345kV Sprain Brook – Academy (M29) 345 kV
(10)	Dunwoodie – Shore Rd. (Y50) 345 kV	@NOR	721 MW	Pre-Contingency Loading
(11)	New Scotland – Leeds (93) 345kV	@LTE	1692 MW L/O	New Scotland – Leeds (94) 345kV
(12)	New Scotland – Leeds (93) 345kV	@STE	1912 MW L/O	New Scotland – Leeds (94) 345kV
(13)	Rock Tavern – Ramapo (77) 345 kV	@LTE	2010 MW L/O	Roseton – East Fishkill (305) 345 kV East Fishkill 345/115 kV Transformer
(14)	Rock Tavern – Ramapo (77) 345 kV	@STE	2390 MW L/O	Roseton – East Fishkill (305) 345 kV
(15)	Adirondack – Porter (12) 230 kV	@LTE	478 MW L/O	(Tower MMS1&2) Massena – Moses East (MMS1) 230 kV Massena – Moses East (MMS2) 230 kV
(16)	Massena – Moses East (MMS1) 230 kV	@STE	1404 MW L/O	Massena – Moses East (MMS2) 230 kV
(17)	Moses - Adirondack 230kV	@LTE	473 MW L/O	Chateauguay–Massena (MSC-7040) 765 kV Massena – Marcy (MSU-1) 765 kV and TransÉnergie delivery
(18)	Moses - Adirondack 230kV	@STE	517 MW L/O	Chateauguay–Massena (MSC-7040) 765 kV Massena – Marcy (MSU-1) 765 kV and TransÉnergie delivery

APPENDIX I

**GENERATION SHIFTS ASSUMED
FOR THERMAL ANALYSIS**

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GENERATION PARTICIPATION FOR THERMAL ANALYSIS

----- STUDY SYSTEM ----->				----- OPPOSING SYSTEM ----->					
<- GENERATOR MW-->				<----- GENERATOR MW ---->					
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE		
DYSINGER EAST, WEST CENTRAL									
155714	LENNOX GS3	0.0	16.0	16.0	125190	ROSE GN1	590.8	576.7	-14.1
156683	PICK B GS5	0.0	11.0	11.0	125192	ROSE GN2	630.0	623.9	-6.1
158737	NATICOKE G2	0.0	15.0	15.0	126251	ER G6	94.5	92.8	-1.7
158740	NATICOKE G5	0.0	15.0	15.0	126340	KEYSPG-1	112.6	109.2	-3.4
158742	NATICOKE G7	0.0	15.0	15.0	126341	KEYSPST1	65.2	63.3	-1.9
160704	LAMBTON GS3	0.0	14.0	14.0	126652	RAV 3	760.0	741.0	-19.0
160705	LAMBTON GS4	0.0	14.0	14.0	126654	AST 3	150.0	147.6	-2.4
					126656	AST 5	100.0	99.2	-0.8
					126657	RAV 1	191.9	188.4	-3.5
					126658	RAV 2	252.8	247.5	-5.3
					126663	COGENGT5	66.9	64.9	-2.0
					126664	COGENST1	66.9	64.9	-2.0
					126665	COGENST2	66.9	64.9	-2.0
					126692	SCS18-G4	77.0	76.0	-1.0
					126710	SCS18-G5	72.0	71.2	-0.8
					126711	SCS18-G6	107.0	105.0	-2.0
					128901	BARETG2	130.0	127.3	-2.7
					129025	NRTPTG2	140.0	138.9	-1.1
					129071	CAITH-GT	131.0	127.1	-3.9
					129072	CAITH-ST	102.0	99.2	-2.8
					147788	POLETGT2	120.0	116.4	-3.6
					147789	POLETSTG	130.0	126.1	-3.9
					147790	POLETGT1	120.0	116.5	-3.5
					148708	Q308 GT1	100.0	97.0	-3.0
					148709	Q308 GT2	100.0	97.0	-3.0
					148710	Q308 ST	150.0	145.5	-4.5
UPNY - CONED									
136702	OSWGO 5G	0.0	27.0	27.0	126251	ER G6	94.5	93.0	-1.5
136703	OSWGO 6G	0.0	27.0	27.0	126340	KEYSPG-1	112.6	108.1	-4.5
158737	NATICOKE G2	0.0	17.0	17.0	126341	KEYSPST1	65.2	63.2	-2.0
160704	LAMBTON GS3	0.0	17.0	17.0	126652	RAV 3	760.0	734.0	-26.0
160705	LAMBTON GS4	0.0	12.0	12.0	126655	AST 4	97.1	96.6	-0.5
					126656	AST 5	100.0	99.5	-0.5
					126657	RAV 1	191.9	186.9	-5.0
					126658	RAV 2	252.8	245.3	-7.5
					126660	COGENGT2	59.0	57.0	-2.0
					126661	COGENGT3	59.0	57.0	-2.0
					126662	COGENGT4	59.0	57.0	-2.0
					126663	COGENGT5	66.9	64.9	-2.0
					126664	COGENST1	66.9	64.9	-2.0
					126692	SCS18-G4	77.0	76.0	-1.0
					126710	SCS18-G5	72.0	71.0	-1.0
					126711	SCS18-G6	107.0	105.0	-2.0
					128901	BARETG2	130.0	126.5	-3.5

GENERATION PARTICIPATION FOR INTERFACES

----- STUDY SYSTEM -----				----- OPPOSING SYSTEM -----					
<--- GENERATOR MW-->				<----- GENERATOR MW --->					
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE		
				129025	NRTPTG2	140.0	138.5	-1.5	
				129071	CAITH-GT	131.0	126.0	-5.0	
				129072	CAITH-ST	102.0	98.0	-4.0	
				147788	POLETGT2	120.0	116.0	-4.0	
				147789	POLETSTG	130.0	125.0	-5.0	
				147790	POLETGT1	120.0	116.0	-4.0	
				148708	Q308 GT1	100.0	97.0	-3.0	
				148709	Q308 GT2	100.0	97.0	-3.0	
				148710	Q308 ST	150.0	144.5	-5.5	
SPRAIN BROOK DUNWOODIE - SOUTH									
136702	OSWGO 5G	0.0	27.0	27.0	126340	KEYSPG-1	112.6	106.5	-6.1
136703	OSWGO 6G	0.0	27.0	27.0	126341	KEYSPST1	65.2	61.1	-4.1
158743	NATICOKE G8	200.0	216.5	16.5	126652	RAV 3	760.0	718.8	-41.2
160704	LAMBTON GS3	0.0	16.5	16.5	126654	AST 3	150.0	145.9	-4.1
160705	LAMBTON GS4	0.0	13.0	13.0	126656	AST 5	100.0	98.5	-1.5
					126657	RAV 1	191.9	185.5	-6.4
					126658	RAV 2	252.8	242.6	-10.2
					126710	SCS18-G5	72.0	71.0	-1.0
					126711	SCS18-G6	107.0	103.4	-3.6
					147788	POLETGT2	120.0	112.7	-7.3
					147789	POLETSTG	130.0	122.8	-7.2
					147790	POLETGT1	120.0	112.7	-7.3
CONED - LIPA									
126252	ER G7	0.0	5.5	5.5	128901	BARETG2	130.0	122.0	-8.0
126652	RAV 3	760.0	773.0	13.0	128918	FRPT GT1	35.0	31.0	-4.0
126655	AST 4	97.1	107.1	10.0	128924	FRPT GT2	35.0	31.0	-4.0
126656	AST 5	100.0	109.0	9.0	128963	HEMP RR	55.3	49.3	-6.0
126692	SCS18-G4	77.0	81.5	4.5	128970	TRIGEN	37.3	32.3	-5.0
126710	SCS18-G5	72.0	80.0	8.0	128984	CALP CTG	40.1	35.1	-5.0
126711	SCS18-G6	107.0	115.0	8.0	128985	CALP STG	30.3	26.3	-4.0
137456	ATHENSC1	150.0	160.0	10.0	128989	GRMN B	40.9	37.9	-3.0
137457	ATHENSS1	75.0	81.0	6.0	128990	GRUMTBG4	35.7	31.7	-4.0
137458	ATHENSC2	150.0	160.0	10.0	129017	HUNT RR	18.7	16.7	-2.0
137460	ATHENSC3	150.0	160.0	10.0	129025	NRTPTG2	140.0	139.0	-1.0
147788	POLETGT2	120.0	126.0	6.0	129026	NRTPTG3	140.0	139.0	-1.0
					129027	NRTPTG4	140.0	139.0	-1.0
					129053	PLWN CC	40.1	34.6	-5.5
					129071	CAITH GT	131.0	117.0	-14.0
					129072	CAITH ST	102.0	91.0	-11.0
					129089	NISSQUOG	19.4	17.4	-2.0
					129127	EHAMP GT	17.8	15.8	-2.0
					130632	Q330 G	31.5	27.5	-4.0
					147821	NYPA108	75.0	66.0	-9.0
					147822	NYPA56	35.0	30.5	-4.5

GENERATION PARTICIPATION FOR THERMAL ANALYSIS

----- STUDY SYSTEM ----->				----- OPPOSING SYSTEM ----->					
<- GENERATOR MW-->				<----- GENERATOR MW ---->					
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE		
CENTRAL EAST, TOTAL EAST									
130841	SHLDN GE G1	33.8	35.8	2.0	126251	ER G6	94.5	93.0	-1.5
131126	WTHRS GE G1	37.8	40.3	2.5	126340	KEYSPG-1	112.6	109.1	-3.5
131833	NOEND3S\$	0.0	2.0	2.0	126341	KEYSPST1	65.2	63.2	-2.0
136702	OSWGO 5G	0.0	28.0	28.0	126652	RAV 3	760.0	740.5	-19.5
136703	OSWGO 6G	0.0	28.0	28.0	126658	RAV 2	252.8	247.3	-5.5
147763	MOS17-18	58.1	59.1	1.0	126660	COGENGT2	59.0	57.5	-1.5
147808	ALTONA GE G1	29.2	31.2	2.0	126661	COGENGT3	59.0	57.5	-1.5
147855	CHATG GE G1	31.9	34.0	2.0	126662	COGENGT4	59.0	57.5	-1.5
147967	CLNTN GE 1G	23.9	25.4	1.5	126663	COGENGT5	66.9	64.9	-2.0
147971	ELNBG GE 1G	24.3	25.8	1.5	126664	COGENST1	66.9	64.9	-2.0
158737	NANTICOKE G2	0.0	20.0	20.0	126711	SCS18-G6	107.0	105.0	-2.0
160704	LAMBTON GS3	0.0	9.5	9.5	128901	BARETG2	130.0	127.5	-2.5
					128963	HEMP RR	55.3	53.8	-1.5
					129025	NRTPTG2	140.0	139.0	-1.0
					129071	CAITH-GT	131.0	127.0	-4.0
					129072	CAITH-ST	102.0	99.0	-3.0
					147788	POLETGT2	120.0	116.5	-3.5
					147789	POLETSTG	130.0	126.0	-4.0
					147790	POLETGT1	120.0	116.5	-3.5
					147798	IP#3 GEN	1075.7	1053.7	-22.0
					147821	NYPA108	75.0	73.0	-2.0
					148708	Q308 GT1	100.0	97.0	-3.0
					148709	Q308 GT2	100.0	97.0	-3.0
					148710	Q308 ST	150.0	145.5	-4.5
MOSES SOUTH									
147763	MOS17-18	58.1	108.1	50.0	126652	RAV 3	760.0	737.0	-23.0
147766	MOS21-22	102.0	152.0	50.0	126656	AST 5	100.0	99.0	-1.0
					126658	RAV 2	252.8	246.8	-6.0
					130873	SOMERSET24	701.7	683.7	-18.0
					135800	HNTLY67G	194.0	192.0	-2.0
					136701	9M PT 1G	646.0	636.0	-10.0
					136715	SITH G1	170.0	163.5	-6.5
					136716	SITH G2	170.0	163.5	-6.5
					136717	SITH G3	170.0	164.0	-6.0
					136718	SITH G4	170.0	164.0	-6.0
					136719	SITH S5	200.0	192.5	-7.5
					136720	SITH S6	200.0	192.5	-7.5
NY - ONTARIO									
126650	AK 3	141.0	151.9	10.9	156662	DARLINTN G2	920.0	895.0	-25.0
126653	AK 2	0.0	13.8	13.8	156663	DARLINTN G3	889.2	864.2	-25.0
126655	AST 4	97.6	100.5	2.9	156673	PICK A GS-G1	511.0	496.0	-15.0
126656	AST 5	100.0	102.9	2.9	156676	PICK A GS4	411.9	431.9	-10.0
126663	COGENGT5	66.9	68.1	1.1	160727	GREENFLD GS1	192.3	187.3	-5.0

GENERATION PARTICIPATION FOR INTERFACES

----- STUDY SYSTEM -----					----- OPPOSING SYSTEM -----				
<--- GENERATOR MW-->					<----- GENERATOR MW --->				
BUS NAME	BASE	SHIFT	CHANGE		BUS NAME	BASE	SHIFT	CHANGE	
126664 COGENST1	66.9	68.1	1.1		160728 GREENFLD GS2	196.8	191.8	-5.0	
128916 FROCK GT2	0.0	1.6	1.6		160730 GREENFLD GS4	300.0	285.0	-15.0	
128922 FROCK GT1	0.0	2.0	2.0						
128963 HEMP RR	55.3	55.9	0.6						
129024 NRTPTG1	0.0	3.8	3.8						
129025 NRTPTG2	140.0	143.9	3.9						
129026 NRTPTG3	140.0	143.7	3.7						
129027 NRTPTG4	140.0	145.2	5.2						
129071 CAITH GT	131.0	132.5	1.5						
129072 CAITH ST	102.0	103.3	1.3						
129092 PTJEF G3	62.4	65.1	2.7						
130873 SOMERSET24	702.0	705.8	3.8						
136702 OSWGO 5G	0.0	29.2	29.2						
137924 FLATRKGS V8	69.3	72.2	2.9						
147777 GILBOA #1	200.0	201.0	1.0						
147779 GILBOA #3	20.9	24.1	3.2						
147821 NYPA108	75.0	76.0	1.0						
ONTARIO - NY									
155712 LENNOX GS1	400.0	425.0	25.0		125190 ROSE GN1	631.5	627.7	-3.8	
155713 LENNOX GS2	300.0	325.0	25.0		126652 RAV 3	760.0	747.8	-12.2	
155714 LENNOX GS3	0.0	25.0	25.0		126711 SCS18-G6	107.0	105.8	-1.2	
160716 W WIND PWR G1	89.7	114.7	25.0		130873 SOMERSET24	702.0	691.2	-10.8	
					131461 CAYUGA 2	162.9	161.1	-1.8	
					131462 CAYUGA 1	156.2	154.4	-1.8	
					135390 DUNKGEN3	190.0	187.1	-2.9	
					135391 DUNKGEN4	190.0	187.1	-2.9	
					135800 HNTLY67G	194.0	190.8	-3.2	
					135801 HNTLY68G	194.0	190.8	-3.2	
					136700 PM PT 2G	1216.0	1209.6	-6.4	
					136715 SITH G1	170.0	167.2	-2.8	
					136716 SITH G2	170.0	167.2	-2.8	
					136717 SITH G3	170.0	167.2	-2.8	
					136718 SITH G4	170.0	167.2	-2.8	
					136719 SITH S5	200.0	197.2	-2.8	
					136720 SITH S6	200.0	197.2	-2.8	
					136729 ESYR GT2	36.3	35.7	-0.6	
					137458 ATHENSC2	150.0	147.0	-3.0	
					137459 ATHENSS2	75.0	73.5	-1.5	
					137460 ATHENSC3	150.0	148.1	-1.9	
					137561 BES120G3	225.0	220.5	-4.5	
					147797 JAFITZ1G	876.5	862.5	-14.0	
					148708 Q308 GT1	100.0	98.0	-2.0	
					148709 Q308 GT2	100.0	98.0	-2.0	
					148710 Q308 ST	150.0	146.8	-3.2	

GENERATION PARTICIPATION FOR THERMAL ANALYSIS

----- STUDY SYSTEM ----->				<----- OPPOSING SYSTEM ----->					
<- GENERATOR MW-->				<----- GENERATOR MW ---->					
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE		
NY - NE									
126379	AST 2	0.0	4.5	4.5	100368	YARMOUTH #4	636.0	612.0	-24.0
126468	ERGT1	0.0	7.5	7.5	100386	WESTBROOK C1	172.1	167.6	-4.5
126469	ERGT2	0.0	7.5	7.5	103060	MIS G1	144.6	142.6	-2.0
126652	RAV 3	760.0	767.5	7.5	103061	MIS G2	144.6	142.6	-2.0
126653	AK 2	0.0	13.0	13.0	103062	MIS ST	153.7	152.7	-1.0
126655	AST 4	96.8	108.8	12.0	111067	MYSTIC GT 8A	230.0	221.0	-9.0
126656	AST 5	100.0	112.0	12.0	111068	MYSTIC 8ST	290.0	280.0	-10.0
126710	SCS18-G5	72.0	74.0	2.0	111069	MYSTIC GT 9A	230.0	221.0	-9.0
126711	SCS18-G6	107.0	112.0	5.0	111070	MYSTIC 9ST	290.0	280.5	-9.5
137711	BETHGT1	100.0	103.0	3.0	111094	PILGRIM	677.0	665.0	-12.0
137713	BETHGT3	100.0	103.0	3.0	114856	BRAYTN PT 4	421.0	408.0	-13.0
147778	GILBOA #2	0.0	6.5	6.5	115742	DIGHTON PWR	185.0	181.0	-4.0
147779	GILBOA #3	20.5	29.5	9.0					
148708	Q308 GT1	100.0	102.0	2.0					
148709	Q308 GT2	100.0	102.0	2.0					
148710	Q308 ST	150.0	153.5	3.5					
NE - NY									
105464	NEWINGTON G1	0.0	13.0	13.0	125190	ROSE GN1	591.7	577.7	-14.0
111063	MYSTIC 7GT	0.0	20.0	20.0	125192	ROSE GN2	630.0	607.0	-23.0
111251	CANAL G1	0.0	15.0	15.0	125193	DANSK G4	233.6	228.6	-5.0
111252	CANAL G2	0.0	10.0	10.0	126652	RAV 3	760.0	738.0	-22.0
114468	SALEM HBR G3	0.0	3.0	3.0	137456	ATHENSC1	150.0	145.0	-5.0
114469	SALEM HBR G4	0.0	15.0	15.0	137458	ATHENSC2	150.0	145.0	-5.0
114861	ANP BLLNGHM1	0.0	7.0	7.0	137701	JMCGT13	40.0	39.0	-1.0
114862	ANP BLLNGHM2	0.0	7.0	7.0	137702	JMC2ST13	73.0	71.0	-2.0
116413	NORTHFIELD 3	0.0	5.0	5.0	137711	BETHGT1	100.0	97.0	-3.0
116414	NORTHFIELD 4	0.0	5.0	5.0	137712	BETHGT2	100.0	97.0	-3.0
					137713	BETHGT3	100.0	97.0	-3.0
					137714	BETH STM	200.0	195.0	-5.0
					147777	GILBOA #1	200.0	193.0	-7.0
					148710	Q308 ST	150.0	148.0	-2.0
NY - PJM									
125190	ROSE GN1	610.7	632.7	22.0	Scale shift to all PJM generation				
125205	NEVER GN	17.0	18.8	1.8					
126666	COGENST3	0.0	8.0	8.0					
126711	SCS18-G6	207.0	214.4	7.4					
128901	BARETG2	130.0	132.7	2.7					
129092	PTJEF G3	62.4	69.4	7.0					
136544	UDG-184	0.0	4.0	4.0					
136700	9M PT 2G	1107.2	1127.2	20.0					
137460	ATHENSC3	150.0	164.8	14.8					
137713	BETHGT3	100.0	104.0	4.0					
147779	GILBOA#3	27.0	30.6	3.6					
147787	BLISS2 GE 1G	8.6	9.6	1.0					
147800	BLISS1 GE 1G	21.6	24.0	2.4					
147821	NYPA108	75.0	76.3	1.3					

GENERATION PARTICIPATION FOR INTERFACES

----- STUDY SYSTEM ----->			<----- OPPOSING SYSTEM ----->				
			<--- GENERATOR MW-->		<----- GENERATOR MW --->		
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE
PJM - NY							
Scale shift from all				125190 ROSE GN1	622.2	616.9	-5.3
PJM generation				126251 ER G6	94.5	91.4	-3.1
				126654 AST 3	150.0	143.0	-7.0
				126655 AST 4	299.6	297.5	-2.1
				126656 AST 5	100.0	98.0	-2.0
				126710 SCS18-G5	72.0	70.0	-2.0
				126711 SCS18-G6	107.0	105.0	-2.0
				131461 CAYUGA 2	104.2	102.0	-2.2
				131649 LEA 4S \$	73.9	68.7	-5.2
				136200 GERES LK	6.7	3.9	-2.8
				136704 OCWE GEN	29.1	27.3	-1.8
				136715 SITH G1	170.0	165.9	-4.1
				136716 SITH G2	170.0	165.9	-4.1
				136717 SITH G3	109.6	105.3	-4.3
				137456 ATHENSC1	150.0	145.0	-5.0
				137458 ATHENSC2	74.5	68.6	-5.9
				137459 ATHENSS2	23.8	21.9	-1.9
				147797 JAFITZ1G	876.5	856.5	-20.0
				148708 Q308 GT1	100.0	94.0	-6.0
				148709 Q308 GT2	100.0	94.0	-6.0
				148710 Q308 ST	150.0	143.0	-7.0

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APPENDIX J

DISTRIBUTION FACTORS

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Table-1 DISTRIBUTION FACTORS FOR DYSINGER EAST CIRCUITS

Monitered Element	Base Flow	TRANSFER	KINTI-ROCH	NIAGAR-ROCH	STOLLE-SHLDN	WTHRS-MEYER	LOCKPT-SOUR	LOCKPT-SHEL	NIAGAR-ROCH
SOMERSET345 345 ROCH 345 345 1	804.51	20.53%	TRIP	44.91%	14.84%	14.84%	15.51%	14.16%	O/S
STOLE230 230 SHLDN230 230 1	334.64	8.58%	6.04%	7.30%	TRIP	TRIP	6.42%	5.86%	13.25%
ANDOVER1 115 PALMT115 115 1	0	0.00%	O/S	O/S	O/S	O/S	O/S	O/S	O/S
LOCKPORT 115 SHEL-113 115 1	105.85	2.53%	3.59%	4.34%	3.66%	3.66%	13.75%	TRIP	7.88%
LOCKPORT 115 NAKR-108 115 1	59.14	0.91%	1.29%	1.56%	1.32%	1.32%	3.82%	3.55%	2.84%
LOCKPORT 115 OAKFLDTP 115 1	66.2	1.06%	1.51%	1.83%	1.54%	1.54%	4.46%	4.14%	3.32%
LOCKPORT 115 SOUR-111 115 1	97.87	2.40%	3.41%	4.12%	3.47%	3.47%	TRIP	11.92%	7.48%
LOCKPORT 115 TELRDTP1 115 1	88.73	1.21%	1.72%	2.08%	1.75%	1.75%	6.17%	6.22%	3.77%
LOCKPORT 115 TELRDTP1 115 1	113.4	2.53%	3.59%	4.34%	3.65%	3.65%	11.64%	19.27%	7.88%
NIAG 345 345 ROCH 345 345 1	791.75	30.10%	54.44%	TRIP	21.76%	21.76%	22.74%	20.76%	TRIP
SUB-TOTALS	2462.09	69.86%	75.59%	70.48%	51.98%	51.98%	84.51%	85.86%	46.42%
L33P-L34P	0.56	0.00%	8.70%	10.53%	8.73%	8.73%	4.28%	3.91%	19.11%
PJM-NYISO	1557.14	30.14%	15.71%	19.00%	39.29%	39.29%	11.21%	10.24%	34.48%
TOTALS	4019.79	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-2 DISTRIBUTION FACTORS FOR WEST CENTRAL CIRCUITS

Monitered Element				Base Flow	TRANSFER	PANNEL-CLAY	WTHRS-MEYER	S121-SLEGH	PANNEL-FARM	PANNEL-CLAY
STOLE230	230	SHLDN230	230 1	334.64	8.58%	3.09%	TRIP	2.97%	8.34%	7.31%
QUAKER	115	MACDN115	115 1	36.15	0.25%	0.48%	0.43%	20.38%	3.31%	1.15%
S121 B#2	115	SLEIG115	115 1	101.46	2.09%	3.68%	1.98%	TRIP	10.78%	8.71%
ANDOVER1	115	PALMT115	115 1	0	0.00%	O/S	O/S	O/S	O/S	O/S
STA 162	115	S.PER115	115 1	9.18	-0.22%	1.98%	16.87%	2.26%	4.91%	4.70%
MORTIMER	115	LAWLER-1	115 1	95.35	2.16%	2.73%	1.38%	4.03%	14.36%	6.45%
MORTIMER	115	LAWLER-2	115 1	89.86	2.24%	2.94%	1.20%	4.37%	6.06%	6.97%
PANNELL3	345	CLAY	345 1	370.23	26.22%	TRIP	10.76%	19.24%	20.49%	O/S
PANNELL3	345	CLAY	345 2	371.36	26.30%	57.74%	10.80%	19.30%	20.56%	TRIP
PANNELLI	115	FRMGTN-4	115 1	168.07	2.25%	6.05%	8.57%	16.62%	TRIP	14.31%
SUB-TOTALS				1576.3	69.86%	78.70%	51.98%	89.15%	88.78%	49.59%
L33P-L34P				0.56	0.00%	7.70%	8.73%	3.15%	2.43%	18.21%
PJM-NYISO				1610.11	30.14%	13.61%	39.29%	7.70%	8.79%	32.20%
TOTALS				3186.97	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-3 DISTRIBUTION FACTORS FOR TOTAL EAST CIRCUITS

Monitered Element	Base Flow	TRANSFER	PORTER-RTRDM	EDIC34-NSCOT	MARCY3-NSCOT	FRASER-GILBA	BRBURG-RAMPO	WALDWK-SMAWA	HUDSON-FARGT	LINDEN-GOETH	WALDWK-SMAWA	HUDSON-FARGT
PLAT T#3 115 NE_PV20_NY 115 1	6.42	0.00%	3.11%	2.84%	3.02%	1.73%	0.68%	0.04%	0.34%	0.44%	0.29%	0.50%
COOPC345 345 ROCK TAV 345 2	527.95	16.17%	3.73%	6.50%	6.86%	17.57%	4.07%	0.36%	0.44%	1.08%	2.94%	0.70%
BRANCHBG 500 RAMAPO 5 500 1	442.1	0.00%	1.84%	3.08%	3.17%	2.77%	TRIP	2.90%	7.26%	14.67%	24.67%	11.24%
HUDSON1 345 B3402 PAR1 345 1	334.62	0.00%	1.13%	1.85%	1.91%	2.43%	9.08%	3.05%	TRIP	17.62%	26.10%	0.00%
HUDSON2 345 C3403 PAR2 345 1	333.96	0.00%	1.16%	1.89%	1.95%	2.46%	9.75%	2.94%	32.23%	18.97%	25.16%	TRIP
LINDEN 230 GOETHALS 230 1	335.01	0.00%	1.06%	1.73%	1.79%	2.09%	13.01%	1.20%	12.50%	TRIP	10.30%	19.37%
NEPTCONV 345 NWBRG 345 1	661.18	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
COOPC345 345 MDTN TAP 345 1	610.29	17.54%	3.88%	6.74%	7.12%	18.38%	4.67%	0.37%	0.23%	0.97%	3.57%	0.39%
FRASR345 345 GILB 345 345 1	286.02	17.06%	9.54%	23.07%	23.79%	TRIP	3.12%	0.13%	2.19%	2.65%	1.00%	3.25%
E.SPR115 115 INGHAM-E 115 1	-18.9	0.92%	0.86%	-0.23%	-0.23%	2.54%	0.14%	0.01%	-0.09%	0.11%	0.06%	0.13%
W.WDB115 115 W.WDBR69 69.0 1	18.18	0.54%	0.37%	0.49%	0.51%	1.19%	0.04%	0.00%	0.10%	0.11%	-0.04%	0.15%
EDIC 345 N.SCOT77 345 1	592.61	18.28%	13.52%	TRIP	31.96%	18.82%	2.83%	0.15%	1.36%	1.80%	1.29%	2.02%
PORTER 2 230 ROTRDM.2 230 1	179.73	4.64%	TRIP	5.52%	5.61%	3.18%	0.69%	0.04%	0.34%	0.45%	0.31%	0.51%
PORTER 2 230 ROTRDM.2 230 2	179.7	4.64%	33.53%	5.52%	5.61%	3.18%	0.69%	0.04%	0.34%	0.45%	0.31%	0.51%
INGMS-CD 115 INGHAM-E 115 1	119.87	0.00%	9.83%	3.84%	3.89%	0.79%	0.38%	0.02%	0.18%	0.24%	0.17%	0.26%
MARCY T1 345 N.SCOT99 345 1	653.53	20.20%	14.73%	34.24%	TRIP	20.80%	3.12%	0.17%	1.51%	1.99%	1.42%	2.24%
WALDWICK 345 SMAHWAH1 345 1	-484.15	-0.14%	0.74%	1.27%	1.30%	0.74%	22.49%	88.31%	19.20%	10.70%	0.00%	27.38%
SMAH138 138 SMAHWAH1 345 1	-53.37	0.42%	0.01%	0.01%	0.02%	0.18%	-0.24%	-2.22%	-0.67%	-0.40%	0.39%	-0.96%
WALDWICK 345 SMAHWAH2 345 1	-518.18	0.14%	0.74%	1.28%	1.31%	0.87%	22.33%	TRIP	18.75%	10.43%	TRIP	26.73%
SMAH138 138 RAMP138 138 1	-82.94	-0.31%	-0.01%	-0.01%	-0.01%	-0.13%	0.28%	1.93%	0.54%	0.31%	-0.25%	0.77%
MONTVALE 69.0 BLUHILL 69.0 1	2.78	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	2.78	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	-37.64	-0.26%	-0.02%	-0.04%	-0.04%	-0.13%	-0.04%	0.18%	0.06%	0.03%	-0.08%	0.08%
CRESSKIL 69.0 SPARKILL 69.0 1	-3.51	0.03%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%	-0.01%	0.02%
HCOR69 69.0 WNYA69 69.0 1	1.43	0.09%	0.01%	0.02%	0.02%	0.05%	-0.01%	0.04%	0.05%	0.04%	-0.05%	0.07%
HCOR34 34.5 PEARL34 34.5 1	5.74	-0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MONTVALE 69.0 L491T 69.0 1	-21.29	0.05%	0.01%	0.01%	0.01%	0.02%	0.01%	0.05%	0.02%	0.02%	-0.01%	0.03%
HCOR138 138 CORPORATE DR 138 1	-52.96	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.02%	0.00%	0.00%	0.01%	0.00%
G22_VFT345KV 345 COGNTECH 345 1	299.44	0.00%	0.24%	0.40%	0.41%	0.48%	2.93%	0.29%	2.96%	17.34%	2.46%	4.62%
TOTALS	4320.4	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

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		1368.35	19.84%	-11.24%	15.28%	15.42%	21.16%	7.15%	7.89%	TRIP
E FISH I	115 E FISHKILL	345 1		-59.51	1.88%	-0.40%	2.57%	0.68%	0.72%	0.42%	0.42%	6.56%
FISHKILL	115 SYLVN115	115 1		124.65	0.98%	0.79%	-0.07%	0.31%	0.56%	0.19%	0.18%	0.54%
RAMAPO	345 BUCHANAN N	345 1		-120.75	13.45%	3.06%	-0.22%	TRIP	40.88%	12.72%	15.32%	12.77%
LADENTWN	345 BUCHANAN S	345 1		11.54	13.34%	17.51%	-3.68%	53.97%	TRIP	18.43%	22.53%	23.14%
PLTVLLEY	345 MILLWOOD	345 1		679.99	17.45%	TRIP	8.70%	2.87%	12.41%	2.08%	1.70%	-8.71%
PLTVLLEY	345 WOOD B	345 1		711.07	17.22%	34.98%	9.10%	2.85%	11.99%	2.07%	1.70%	-8.43%
PLTVLLEY	345 E FISHKILL	345 1		175.73	7.92%	23.65%	TRIP	-0.56%	-7.08%	0.78%	0.59%	32.17%
PLTVLLEY	345 E FISHKILL	345 2		175.73	7.92%	23.65%	66.26%	-0.56%	-7.08%	0.78%	0.59%	32.17%
SUB-TOTALS				3066.8	100.00%	91.99%	97.95%	74.97%	73.58%	44.60%	50.92%	90.21%
LINDEN	230 GOETHALS	230 1		335.01	0.00%	0.88%	0.12%	5.04%	5.53%	TRIP	12.50%	2.35%
HUDSON1	345 B3402 PAR1	345 1		334.62	0.00%	1.01%	0.13%	8.56%	9.54%	17.62%	TRIP	3.65%
HUDSON2	345 C3403 PAR2	345 1		333.96	0.00%	1.03%	0.13%	8.43%	9.38%	18.97%	32.23%	3.62%
NRTHPT P	138 NRTHPT1	138 1		99.48	0.00%	4.89%	1.64%	1.82%	0.69%	1.47%	1.40%	-0.37%
G22_VFT345KV	345 COGNTECH	345 1		299.44	0.00%	0.20%	0.03%	1.17%	1.29%	17.34%	2.96%	0.54%
TOTALS				4469.31	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

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	401.38	0.00%	TRIP	0.44%	0.27%	4.41%	5.02%	0.35%
SPRAINBROOK	345	ACADEMY	345 1	300.84	0.00%	22.08%	0.40%	0.24%	3.96%	4.50%	0.31%
REACM51	345	W 49 ST	345 1	358.29	19.26%	5.87%	TRIP	19.01%	7.04%	7.63%	O/S
REACM52	345	W 49 ST	345 2	358.29	19.26%	5.87%	44.62%	19.01%	7.04%	7.63%	27.21%
DUN NO1R	138	S CREEK W	138 1	103.09	0.00%	11.75%	0.14%	0.19%	2.12%	2.44%	0.22%
DUN NO2R	138	S CREEK E	138 1	139.24	0.00%	14.31%	0.17%	0.23%	2.58%	2.97%	0.26%
DUN SO1R	138	E179 ST W	138 1	243.48	0.00%	17.07%	0.21%	0.27%	3.08%	3.54%	0.31%
V STRM P	138	JAMAICA	138 1	106.34	0.00%	5.39%	0.64%	0.55%	TRIP	45.22%	0.66%
L SUCSPH	138	JAMAICA	138 1	209.03	0.00%	7.06%	0.80%	0.80%	52.12%	TRIP	0.94%
REAC71	345	MOTT HAVEN	345 3	280.73	32.15%	4.78%	25.13%	TRIP	7.89%	10.04%	65.41%
REAC72	345	MOTT HAVEN	345 4	257.43	29.32%	4.36%	22.92%	55.92%	7.20%	9.15%	TRIP
SUB-TOTALS				2758.14	100.00%	98.54%	95.47%	96.49%	97.43%	98.15%	95.67%
LINDEN	230	GOETHALS	230 1	335.01	0.00%	1.11%	0.91%	0.79%	0.72%	0.55%	0.95%
HUDSON1	345	B3402 PAR1	345 1	334.62	0.00%	0.05%	1.71%	1.28%	0.83%	0.58%	1.59%
HUDSON2	345	C3403 PAR2	345 1	333.96	0.00%	0.04%	1.70%	1.26%	0.85%	0.60%	1.57%
G22_VFT345KV	345	COGNTECH	345 1	299.44	0.00%	0.26%	0.21%	0.18%	0.17%	0.13%	0.22%
TOTALS				4061.17	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	19.69	1.11%	0.45%	2.20%	0.75%	1.88%
ALLENS F	115	COLTON	115 1	-16.07	1.56%	0.29%	1.92%	0.67%	1.67%
DENNISON	115	ANDRWS-4	115 1	0.98	2.08%	0.84%	4.13%	1.41%	3.54%
DENNISON	115	LWRNCE-B	115 1	0.81	2.09%	0.84%	4.14%	1.41%	3.54%
MASS 765	765	MARCY765	765 1	165.74	74.24%	66.26%	TRIP	44.36%	O/S
MOSES W	230	ADRON B1	230 1	34.51	9.46%	3.38%	19.08%	TRIP	TRIP
MOSES W	230	ADRON B2	230 1	34.54	9.46%	3.38%	19.08%	36.38%	48.99%
SUB-TOTALS				240.2	100.00%	75.42%	50.54%	84.97%	59.61%
MOSES E	230	ST_LAWR_L33P	230 1	-0.21	0.00%	9.89%	17.36%	5.15%	14.04%
MOSES E	230	ST_LAWR_L34P	230 1	-0.35	0.00%	11.04%	19.37%	5.75%	15.67%
MOSES W	230	WILLIS E	230 1	17.62	0.73%	1.94%	7.21%	2.36%	6.07%
MOSES W	230	WILLIS W	230 1	17.46	0.73%	1.93%	7.17%	2.35%	6.04%
TOTALS				274.72	101.46%	100.23%	101.64%	100.58%	101.43%

Table-7 DISTRIBUTION FACTORS FOR ISO-NE NYISO CIRCUITS

Monitered Element	Base Flow	TRANSFER	NHHAR_GEN	VTYANK_GEN	YRMTH_GEN	SBRK_GEN	HIGATE_DC	ELLRIVER	ALPS34-MANY	PV.345-LNGMT
NE_PV20_NY 115 PLAT T#3 115 1	-6.42	0.00%	3.84%	7.58%	7.60%	7.36%	39.51%	7.68%	8.36%	4.97%
NE_K37_NY 115 WHITEHAL 115 1	-24.96	0.00%	2.10%	6.70%	5.03%	4.85%	6.34%	5.05%	10.07%	4.23%
NE_K6_NY 115 HOOSICK 115 1	15.08	3.79%	1.46%	2.30%	2.75%	2.79%	1.34%	2.75%	9.75%	2.99%
NE_393_NY 345 ALPS345 345 1	-37.78	39.37%	17.83%	39.46%	33.85%	33.55%	21.85%	33.83%	TRIP	37.35%
NE_E205W_NY 230 ROTRDM.2 230 1	15.5	9.03%	4.22%	6.41%	8.02%	8.15%	3.96%	8.01%	15.50%	7.38%
NE_398_NY 345 PLTVLLEY 345 1	-43.37	47.81%	52.43%	27.73%	31.84%	32.28%	19.61%	31.80%	44.65%	TRIP
NE_601_NY 138 NRTHPT P 138 1	33.33	0.00%	6.07%	3.28%	3.65%	3.69%	2.47%	3.64%	3.91%	14.42%
NE_602_NY 138 NRTHPT P 138 2	33.23	0.00%	6.05%	3.27%	3.64%	3.68%	2.47%	3.63%	3.89%	14.38%
NE_603_NY 138 NRTHPT P 138 3	33.01	0.00%	6.01%	3.25%	3.61%	3.65%	2.45%	3.61%	3.87%	14.28%
SHMHVDCL 192 SHOREHAM2 138 1	329.5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTALS	347.12	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	STLAWR34-MOSES	STLAWR33-MOSES	BECKB-NIAGAR	BECKA-PA302
BECK_#2_BP76 230 PACKARD2 230 1	0	0.00%	O/S	O/S	O/S	O/S	O/S
BECK_#2_TS_A 345 NIAG 345 345 1	64.1	27.63%	45.86%	10.91%	11.56%	65.31%	TRIP
BECK_#2_TS_B 345 NIAG 345 345 1	64.1	27.63%	45.86%	10.91%	11.56%	TRIP	O/S
ST_LAWR_L33P 230 MOSES E 230 1	0.21	0.00%	1.32%	TRIP	51.62%	1.36%	3.93%
ST_LAWR_L34P 230 MOSES E 230 1	0.35	0.00%	1.47%	54.35%	TRIP	1.52%	4.38%
BECK_#2_PA27 230 NIAGAR2W 230 1	-125.02	15.32%	TRIP	6.27%	6.64%	27.24%	78.53%
SUB-TOTALS	3.74	70.57%	94.51%	82.43%	81.37%	95.43%	86.83%
ON-MICH	-0.82	29.43%	5.17%	16.34%	17.32%	4.30%	12.40%
TOTALS	2.92	100.00%	99.68%	98.77%	98.69%	99.74%	99.23%

Table-9 DISTRIBUTION FACTORS FOR PJM-NYISO CIRCUITS

Monitered Element	Base Flow	TRANSFER	ERIESO-FALCS	HMRCTY-STOLL	HMRCTY-WATER	E.TOWD-HILLS	BRBURG-RAMPO	WALDWK-SMAWA	HUDSON-FARGT	LINDEN-GOETH	WALDWK-SMAWA	HUDSON-FARGT
BRANCHBG 500 RAMAPO 5 500 1	442.1	0.00%	6.25%	6.14%	10.99%	7.26%	TRIP	2.90%	7.26%	14.67%	2.90%	11.24%
G22_VFT345KV 345 COGNTECH 345 1	299.44	0.00%	0.63%	0.62%	1.08%	0.77%	2.93%	0.29%	2.96%	17.34%	0.29%	4.62%
HUDSON1 345 B3402 PAR1 345 1	334.62	0.00%	2.61%	2.58%	4.37%	3.62%	9.08%	3.05%	TRIP	17.62%	3.05%	O/S
HUDSON2 345 C3403 PAR2 345 1	333.96	0.00%	2.70%	2.66%	4.53%	3.69%	9.75%	2.94%	32.23%	18.97%	2.94%	TRIP
LINDEN 230 GOETHALS 230 1	335.01	0.00%	2.76%	2.71%	4.75%	3.36%	13.01%	1.20%	12.50%	TRIP	1.20%	19.37%
NEPTCONV 345 NWBRG 345 1	661.18	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HOMER CY 345 STOLE345 345 1	138.45	7.64%	15.92%	TRIP	15.45%	1.91%	1.56%	0.09%	0.52%	0.78%	0.09%	0.79%
HOMER CY 345 WATRC345 345 1	554.05	17.62%	6.64%	18.78%	TRIP	13.22%	3.39%	0.20%	1.08%	1.65%	0.20%	1.62%
E.TWANDA 230 HILSD230 230 1	-85.06	16.48%	5.82%	3.41%	19.36%	TRIP	3.28%	0.25%	1.31%	1.71%	0.25%	1.95%
LAUREL L 115 WESTOVER115 115 1	-38.24	4.93%	0.88%	0.66%	2.17%	11.21%	0.98%	0.07%	0.38%	0.51%	0.07%	0.57%
E.SAYRE 115 N.WAV115 115 1	-38.61	6.08%	1.92%	1.35%	3.95%	30.57%	1.19%	0.09%	0.47%	0.62%	0.09%	0.69%
ERIE E 230 S RIPLEY 230 1	-112.83	11.88%	TRIP	22.28%	7.63%	4.58%	2.22%	0.13%	0.74%	1.11%	0.13%	1.11%
WARREN 115 FALCONER 115 1	-9.84	3.91%	20.80%	8.63%	1.85%	2.76%	0.77%	0.05%	0.26%	0.39%	0.05%	0.40%
WALDWICK 345 SMAHWAH1 345 1	-484.15	-0.06%	3.04%	2.99%	5.20%	4.46%	22.49%	88.31%	19.20%	10.70%	88.31%	27.38%
SMAH138 138 SMAHWAH1 345 1	-53.37	0.19%	-0.21%	-0.21%	-0.39%	-0.30%	-0.24%	-2.22%	-0.67%	-0.40%	-2.22%	-0.96%
WALDWICK 345 SMAHWAH2 345 1	-518.18	0.06%	2.89%	2.85%	4.94%	4.26%	22.33%	TRIP	18.75%	10.43%	TRIP	26.73%
SMAH138 138 RAMP138 138 1	-82.94	-0.14%	0.16%	0.16%	0.29%	0.23%	0.28%	1.93%	0.54%	0.31%	1.93%	0.77%
MONTVALE 69.0 BLUHILL 69.0 1	2.78	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	2.78	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	-37.64	-0.11%	0.06%	0.06%	0.12%	0.09%	-0.04%	0.18%	0.06%	0.03%	0.18%	0.08%
CRESSKIL 69.0 SPARKILL 69.0 1	-3.51	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%
HCOR69 69.0 WNYA69 69.0 1	1.43	0.03%	-0.01%	0.00%	-0.01%	-0.01%	-0.01%	0.04%	0.05%	0.04%	0.04%	0.07%
HCOR34 34.5 PEARL34 34.5 1	5.74	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MONTVALE 69.0 L491T 69.0 1	-21.29	0.02%	0.00%	0.00%	-0.01%	-0.01%	0.01%	0.05%	0.02%	0.02%	0.05%	0.03%
HCOR138 138 CORPORATE DR 138 1	-52.96	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.02%	0.00%	0.00%	0.02%	0.00%
SUB-TOTALS	1572.92	68.54%	72.85%	75.66%	86.26%	91.67%	92.97%	99.58%	97.66%	96.48%	99.58%	96.47%
MICH-ON	0.82	31.46%	25.61%	22.88%	12.91%	7.81%	6.58%	0.39%	2.19%	3.29%	0.39%	3.30%
TOTALS	1573.74	100.00%	98.46%	98.54%	99.17%	99.48%	99.55%	99.97%	99.85%	99.77%	99.97%	99.77%

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	1713.31	4.17	-1.22	1627.51	1576.61	442.46	1105.35	1605.86
DUM1	45.69%	-6.67%	6.67%	6.67%	78.68%	0.00%	22.55%	44.42%
DUM2	45.69%	-6.67%	6.67%	6.67%	78.68%	0.00%	22.55%	44.42%
NIAGARA	45.69%	-6.67%	6.67%	6.67%	78.68%	0.00%	22.55%	44.42%
HUNTLEY	45.49%	-6.82%	6.82%	6.82%	77.76%	0.00%	22.24%	44.20%
DUNKIRK	44.58%	3.99%	-3.99%	-3.99%	70.37%	0.00%	20.91%	43.20%
OSWEGO	50.64%	-1.32%	1.32%	1.32%	-2.70%	0.00%	29.91%	49.91%
GILBOA	1.54%	0.16%	-0.16%	-0.16%	0.33%	0.00%	1.31%	1.16%
BETH	-15.85%	-0.16%	0.16%	0.16%	-0.33%	0.00%	11.26%	-13.81%
ATHENS	-5.74%	-0.04%	0.04%	0.04%	-0.08%	0.00%	5.04%	-5.65%
ROSETON	0.28%	0.00%	0.00%	0.00%	0.01%	0.00%	-0.22%	0.26%
INDIANPT2	1.02%	0.01%	-0.01%	0.00%	0.02%	0.00%	-0.86%	0.98%
NORWALK	-5.42%	-0.06%	0.06%	0.06%	-0.12%	0.00%	4.18%	-5.05%
BRAYTON	-9.19%	-0.10%	0.10%	0.10%	-0.21%	0.00%	6.93%	-8.50%
SBRK	-9.76%	-0.11%	0.11%	0.11%	-0.22%	0.00%	7.35%	-9.02%
NANTICOKE	45.18%	72.55%	27.45%	27.45%	72.25%	0.00%	21.79%	43.86%
BECK	45.81%	85.97%	14.03%	14.03%	78.01%	0.00%	22.72%	44.55%
CONEMAUGH	42.93%	27.57%	-27.57%	72.43%	51.45%	0.00%	18.48%	41.38%
SALEM	42.81%	27.13%	-27.13%	72.87%	50.09%	0.00%	18.31%	41.25%
PORTLAND	42.67%	26.09%	-26.09%	73.92%	48.48%	0.00%	18.09%	41.08%
HUDSON	42.72%	26.47%	-26.47%	73.53%	49.11%	0.00%	18.17%	41.15%
EDDYSTONE	42.80%	27.04%	-27.04%	72.96%	49.98%	0.00%	18.29%	41.24%
BRANDON	42.97%	28.72%	-28.72%	71.28%	51.77%	0.00%	18.55%	41.43%
KARNS	43.63%	39.75%	-39.75%	60.25%	58.06%	0.00%	19.51%	42.15%
ZEEL	43.60%	39.21%	-39.21%	60.79%	57.82%	0.00%	19.47%	42.12%
BOWEN	43.28%	32.93%	-32.93%	67.07%	54.78%	0.00%	18.99%	41.77%
BAYSHORE	43.58%	38.20%	-38.20%	61.81%	57.63%	0.00%	19.44%	42.10%
MTSTORM	43.12%	30.21%	-30.21%	69.79%	53.21%	0.00%	18.75%	41.58%
HATFIELD	43.10%	29.79%	-29.79%	70.22%	53.13%	0.00%	18.74%	41.57%
NEWTON	43.37%	34.45%	-34.45%	65.55%	55.60%	0.00%	19.12%	41.86%
BB-RAMAPO	-8.52%	-7.03%	6.58%	7.04%	-7.74%	TRIP	-4.74%	-7.33%

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	1713.31	4.17	-1.22	1627.51	1576.61	442.46	1105.35	1605.86
DUM1	29.47%	-16.49%	15.49%	16.49%	50.17%	9.98%	14.41%	25.64%
DUM2	29.47%	-16.49%	15.49%	16.49%	50.17%	9.98%	14.41%	25.64%
NIAGARA	29.47%	-16.49%	15.49%	16.49%	50.17%	9.98%	14.41%	25.64%
HUNTLEY	28.92%	-16.75%	15.74%	16.75%	48.37%	10.26%	14.00%	25.12%
DUNKIRK	25.10%	-7.55%	7.07%	7.55%	39.04%	12.15%	11.47%	21.76%
OSWEGO	41.14%	-9.02%	8.45%	9.02%	-13.49%	4.56%	23.68%	36.87%
GILBOA	-4.02%	-4.19%	3.93%	4.19%	-4.88%	1.31%	-1.69%	-4.50%
BETH	-21.70%	-4.68%	4.38%	4.68%	-4.82%	1.29%	8.95%	-16.70%
ATHENS	-9.81%	-3.26%	3.05%	3.26%	-3.60%	0.37%	2.92%	-9.46%
ROSETON	-1.82%	-1.62%	1.52%	1.62%	-1.81%	-1.18%	-1.27%	-1.72%
INDIANPT2	1.00%	0.11%	-0.10%	-0.10%	0.10%	-3.85%	-0.67%	0.85%
NORWALK	-6.29%	-1.79%	1.67%	1.79%	-1.70%	-0.22%	2.08%	-4.18%
BRAYTON	-14.96%	-3.62%	3.38%	3.62%	-3.15%	0.60%	5.90%	-8.66%
SBRK	-16.39%	-3.91%	3.66%	3.91%	-3.30%	0.75%	6.56%	-8.82%
NANTICOKE	28.65%	63.74%	34.15%	36.26%	33.77%	11.05%	14.07%	24.42%
BECK	30.02%	76.72%	21.88%	23.28%	47.08%	9.95%	14.90%	26.00%
CONEMAUGH	13.40%	10.12%	-9.49%	89.88%	11.59%	18.93%	4.90%	11.50%
SALEM	9.18%	6.59%	-6.16%	93.42%	7.15%	21.46%	2.94%	7.87%
PORTLAND	8.02%	4.72%	-4.42%	95.28%	5.14%	16.62%	2.29%	6.88%
HUDSON	2.99%	1.72%	-1.61%	98.29%	1.87%	5.52%	0.49%	2.56%
EDDYSTONE	9.16%	6.50%	-6.08%	93.51%	7.07%	21.63%	2.92%	7.86%
BRANDON	12.63%	10.80%	-10.08%	89.20%	11.05%	19.50%	4.62%	10.83%
KARNS	18.85%	26.62%	-25.63%	73.38%	19.49%	16.06%	8.12%	16.13%
ZEEL	18.67%	25.98%	-24.93%	74.02%	19.23%	16.15%	8.01%	15.97%
BOWEN	16.20%	18.01%	-16.41%	81.99%	15.77%	17.45%	6.55%	13.88%
BAYSHORE	18.64%	25.00%	-24.31%	75.00%	19.23%	16.14%	7.97%	15.95%
MTSTORM	14.69%	13.88%	-12.96%	86.13%	13.66%	18.27%	5.68%	12.59%
HATFIELD	14.91%	13.57%	-12.71%	86.43%	13.84%	18.10%	5.76%	12.79%
NEWTON	16.99%	20.24%	-18.36%	79.76%	16.87%	17.02%	7.01%	14.55%
BB-RAMAPO	-8.52%	-7.03%	6.58%	7.04%	-7.74%	TRIP	-4.74%	-7.33%

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