

APPENDIX A

SCHEDULE OF SIGNIFICANT INTERCHANGES ASSUMED FOR TRANSFER LIMITS STUDIES

This page is intentionally left blank

SUMMARY OF NET INTERCHANGE SCHEDULES

TO FROM	NYISO	PJM	IESO	ISONE	NB/NS	Trans Énergie	Cross- Sound	Neptune -HVdc	Linden VFT	NNC Transfer	Other Control Areas	TOTAL EXPORT+ IMPORT-
NYISO		37	0	84	0	-602	-330	-660	-300	-100	96	-1775
PJM	-37		0	0	0	0	0	660	300	0	-181	742
IESO	0	0		0	0	-1250	0	0	0	0	0	-1250
ISONE	-84	0	0		0	-200	330	0	0	100	0	146
NB/NS	0	0	0	0		-750	0	0	0	0	0	-750
Trans Énergie	602	0	1250	200	750		0	0	0	0	45	2847

APPENDIX A
SUMMARY OF WINTER 2013-14 BASE TRANSFERS

NEW BRUNSWICK/NOVA SCOTIA	
New Brunswick to TransÉnergie: Madawaska and Eel River HVdc	-750
New Brunswick to New England	0
Total Export (+) / Import (-)	-750

NEW ENGLAND	
New England to New Brunswick	0
New England to TransÉnergie: Sandy Pond HVdc	0
New England to TransÉnergie: Vermont	-200
New England to New York	-84
New England to NY: Norwalk Harbor-Northport	100
New England to NY: Cross-Sound	330
Total Export (+) / Import (-)	146

NEW YORK ISO	
New York to TransÉnergie	-602
New York to New England	84
New York to New England: Norwalk Harbor-Northport	-100
New York to New England: Cross-Sound	-330
New York to PJM: NYPA to PA-RECS	74
New York to PJM: Sithe Allegheny	-37
New York to PJM: Non-Firm Energy	0
New York to PJM: Linden VFT	-300
New York to PJM: Neptune HVdc	-660
New York to MISO: NYPA to AMP- Ohio	96
New York to IESO (Ontario)	0
Total Export (+) / Import (-)	-1775

APPENDIX A	
SUMMARY OF WINTER 2013-14 BASE TRANSFERS	
IESO (Ontario)	
IESO to TransÉnergie	-1250
IESO to New York	0
IESO to PJM	0
IESO to MISO	0
Total Export (+) / Import (-)	-1250

PJM	
PJM to New York: NYPA to PA-RECS	-74
PJM to New York: Sithe Allegheny	37
PJM to New York: Non Firm Energy	0
PJM to New York: Neptune HVdc	660
New York to PJM: Linden VFT	300
Miscellaneous Transfers to Other Areas	-181
Total Export (+) / Import (-)	742

TRANSÉNERGIE	
TransÉnergie to New Brunswick: Madawaska and Eel River HVdc	750
TransÉnergie to New England: Sandy Pond HVdc	0
TransÉnergie to New England: Vermont	200
TransÉnergie to New York	602
TransÉnergie to IESO (Ontario)	1250
TransÉnergie to Cornwall	45
Total Export (+) / Import (-)	2847

This page is intentionally left blank

APPENDIX B

WINTER 2013-14 BASE CASE CONDITIONS

This page is intentionally left blank

Winter 2013-14 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	378 MW	In Service
Dunkirk	75 MW	In Service
Niagara	2677 MW	In Service
AES/Somerset	684 MW	In Service
Ginna	582 MW	In Service
Sithe/Independence	999 MW	In Service
Oswego #5	285 MW	In Service
Oswego #6	0 MW	Out of Service
Nine Mile Pt #1	630 MW	In Service
Nine Mile Pt #2	1317 MW	In Service
J.A. Fitzpatrick	848 MW	In Service
Maple Ridge Wind Farm	82 MW	In Service
St. Lawrence/FDR (17-32)	580 MW	In Service
Athens	675 MW	In Service
Bethlehem Energy Center	503 MW	In Service
Empire	440 MW	In Service
Gilboa	373 MW	In Service
Bowline Pt 1	208 MW	In Service
Bowline Pt 2	0 MW	Out of Service
Roseton 1	595 MW	In Service
Roseton 2	370 MW	In Service
Indian Pt #2	1029 MW	In Service
Indian Pt #3	1044 MW	In Service
Astoria Energy II	400 MW	In Service
Bayonne Energy Center	0 MW	Out of Service
ConEd Astoria Units (Astoria 3 & 5)	333 MW	In Service
NYP&A Astoria Combined-Cycle	292 MW	In Service
Ravenswood #3	914 MW	In Service
ECP/Linden Cogen	378 MW	In Service
Arthur Kill #3	241 MW	In Service
Northport 1	0 MW	Out of Service
Northport 2	147 MW	In Service

Northport 3	147 MW	In Service
Northport 4	147 MW	In Service

ISO-NE

Millstone Point #2	941 MW	In Service
Millstone Point #3	1276 MW	In Service
Vermont Yankee	630 MW	In Service
Northfield 1, 2, 3 & 4	810 MW	In Service
Bear Swamp 1 & 2	285 MW	In Service
Norwalk Harbor 1 & 2	0/0 MW	Out of Service
Seabrook	1298 MW	In Service

Ontario

Beck 1	248 MW	In Service
Beck 2	1133 MW	In Service
Thorold	235 MW	In Service
Decew Falls	109 MW	In Service
Bruce A	735 MW	In Service
Bruce B	2617 MW	In Service
Darlington	3673 MW	In Service
Lambton	0 MW	Out of Service
Pickering A	511 MW	In Service
Pickering B	1881 MW	In Service
Nanticoke	0 MW	Out of Service
Saunders	505 MW	In Service

PJM

Peach Bottom #2	1151 MW	In Service
Peach Bottom #3	1100 MW	In Service
Salem #1	1100 MW	In Service
Salem #2	1100 MW	In Service
Limerick #1	1100 MW	In Service
Limerick #2	1085 MW	In Service
Hope Creek	1080 MW	In Service
Susquehanna #1	1340 MW	In Service
Susquehanna #2	1144 MW	In Service

TransÉnergie HVdc CONVERTER SCHEDULES

Chateauguay HVdc	127 MW	In Service
Sandy Pond HVdc	0 MW	Out of Service
Highgate HVdc	198 MW	In Service
Madawaska HVdc	400 MW	In Service
Eel River HVdc	346 MW	In Service

AREA LOADS & LOSSES

NYISO	24,709 MW
ISO-NE	22,524 MW
IESO (Ontario)	24,313 MW
PJM	47,934 MW

PHASE ANGLE REGULATOR SCHEDULES

Inghams (CD-ED)	120 MW
Sandbar PAR (PV-20)	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)	95 MW
Ramapo PAR #2 (+ to NY)	95 MW
East Garden City #1	320 MW
East Garden City #2	320 MW

This page is intentionally left blank

APPENDIX C

POWER FLOW TRANSCRIPTION DIAGRAMS

This page is intentionally left blank

INDEX

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

This page is intentionally left blank

APPENDIX D

RATINGS OF MAJOR TRANSMISSION FACILITIES IN NEW YORK

This page is intentionally left blank

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
ACADEMY__138A_138B_PAR1	PAR1	138	301	360	451	325751	150
ACADEMY__138A_138B_PAR8	PAR8	138	301	360	451	325750	150
ACADEMY__345_138_TR1	TR1	345	303	368	446	325753	150
ACADEMY__345_138_TR8	TR8	345	303	368	446	325752	150
ADIRNDCK-CHASLAKE_230_13	13	230	478	478	634	325233	3
ADIRNDCK-EDIC_PTR_230_12-AP	12-AP	230	478	478	634	25082	79
ALBANY__GREENBSH_115_1	1	115	227	248	268	25860	88
ALBANY__GREENBSH_115_2	2	115	227	248	268	25868	88
ALBANY__TRINITY_115_5	5	115	214	256	317	25861	71
ALBANY__TRINITY_115_9	9	115	159	178	258	25872	76
ALCOA__DENNISON_115_12-AD	12-AD	115	213	234	251	25227	1
ALCOA__NOGDNBRG_115_13-ANO	13-ANO	115	156	159	159	25230	20
ALCOA_N.-ALCOA__115_R8105	R8105	115	263	294	348	25202	21
AMAWALK_-MOHANSIC_115_995 U.G.	995UG	115	88	88	98	26481	10
AMAWALK_-MOHANSIC_115_996 U.G.	996UG	115	107	107	107	26480	11
AMERISTD-GARDNVLB_115_182-3	182-3	115	168	212	239	26015	59
ANDOVER_-PALMITER_115_157_932	157_932	115	97	117	119	25094	0
ARCADE__HOMER_HL_115_151-2	151-2	115	141	144	159	26452	36
ARSENAL_-REYNOLDS_115_31	31	115	156	170	181	26423	45
ASH____-TEMPLE__115_9	9	115	207	233	233	26062	9
ASHLEYRD-MASONCR_115_909	909	115	189	207	221	25847	28
ASHLEYRD-PLATSBURG_115_700	700	115	179	179	239	25845	9
ASTANNEX_138A_138B_PAR1	PAR1	138	415	477	544	325848	0
ASTANNEX_345_138_TR1	TR1	345	320	390	468	325847	0
ASTANNEX-ASTORIAE_138_34091	34091	138	288	318	346	325849	0
ASTANNEX-E13THSTA_345_Q35L	Q35L	345	565	645	1595	25134	214
ASTANNEX-E13THSTA_345_Q35M	Q35M	345	565	645	1595	25142	185
ASTORIAE-ASTORIA3_138_34123	34123	138	299	335	400	25876	0
ASTORIAE-CORONA__138_34181	34181	138	195	249	378	25277	84
ASTORIAE-CORONA__138_34182	34182	138	195	249	378	25278	81
ASTORIAE-CORONA__138_34183	34183	138	195	249	378	25279	84
ASTORIAE-CORONA__138_34184	34184	138	195	249	378	25280	79
ASTORIAE-CORONA__138_34185	34185	138	195	249	378	25281	75
ASTORIAE-CORONA__138_34186	34186	138	195	249	378	25282	76
ASTORIAW-QUENBRDG_138_28241	28241	138	195	249	378	25315	79
ASTORIAW-QUENBRDG_138_28242	28242	138	195	249	378	25316	81
ASTORIAW-QUENBRDG_138_28243	28243	138	391	499	688	25317	148
ASTORIAW-QUENBRDG_138_28244	28244	138	413	557	688	25318	170
ATHENS__PLSNTVLY_345_91	91	345	1624	1783	1946	25054	921
BAGATLRD-PILGRIM_138_564	564	138	572	628	698	325607	39
BAKER_ST-FALCONER_115_160-3	160-3	115	222	234	239	26513	7
BARRETT__138A_138B_PAR	B_PAR	138	255	313	313	25590	100
BARRETT_-FREEPORT_138_459	459	138	193	281	313	26425	100
BATAVIA_-SBATAVIA_115_117	117	115	239	239	239	26017	50
BATH____-MONTRFL_115_965	965	115	146	149	149	26163	12
BATH____-SPENCHIL_115_723	723	115	146	160	178	325797	57
BATNKILL-MULTP-10_115_10	10	115	222	234	268	26121	12

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
BATNKILL-N.TROY__115_10	10	115	118	119	119	26474	12
BATTHILL-PYRITES__115_7-BHP	7-BHP	115	93	101	107	26065	19
BEAR SWP-ROTTTRDAM_230_E205W	E205W	230	511	564	634	25030	11
BECK NM_-SWANROAD_115_BL 104	BL 104	115	199	199	199	25042	106
BECK____-NIAGARA_230_PA27	PA27	230	480	540	685	25025	79
BECK____-NIAGARA_345_PA301	PA301	345	1180	1469	1860	25040	39
BECK____-NIAGARA_345_PA302	PA302	345	1180	1469	1860	25041	39
BECK____-PACKARD_230_BP76	BP76	230	582	687	687	25024	1
BENETTNM-DUNKIRK__115_142-3	142-3	115	200	200	200	26019	15
BENNETT_-MORAINES__115_725	725	115	149	172	179	325858	66
BENNETT_-SPENCHIL_115_953	953	115	146	160	178	26164	40
BERKSHIR-ALPS____345_393	393	345	1601	1757	1912	25034	69
BERKSHIR-NORTHFLD_345_312	312	345	1345	1345	1793	25366	5
BERRY_RD-BAKER_ST_115_160-2	160-2	115	245	260	282	26512	22
BETHLHEM-ALBANY__115_18-BA	18-BA	115	388	427	474	26119	86
BIGTREE_-DAVIS_RD_115_904	904	115	179	197	213	25162	1
BLACKRVR-CLIMAX__115_1-BC	1-BC	115	141	144	159	26067	31
BLACKRVR-FORTDRUM_115_2-BF	2-BF	115	141	144	159	26068	15
BLACKRVR-LIGHTHSE_115_6	6	115	141	144	159	25506	28
BLAKE____-RAINBOW_115_9 EQ	9 EQ	115	173	190	202	68471	3
BLAKE____-STARK____115_9 EQ	9 EQ	115	170	180	197	68825	17
BLISSVIL-WHITEHAL_115_K7	K7	115	239	239	239	25028	0
BLUE_CIR-PLSTVYCH_115_8-BP	8-BP	115	141	144	159	25498	58
BLUESTOR-PLSTVYCH_115_13-BP	13-BP	115	168	199	233	25505	50
BNNINGTN-HOOSICK__115_K6	K6	115	229	265	278	25029	13
BNVLMUNI-EDIC_PTR_115_2	2	115	141	144	159	325778	14
BOONVLE-BNVLMUNI_115_2	2	115	124	124	124	26073	9
BOONVLE-EDIC_PTR_115_1-BP	1-BP	115	127	127	127	26074	11
BOONVLE-ROME____115_3-BR	3-BR	115	128	135	152	26071	19
BOONVLE-ROME____115_4-BR	4-BR	115	128	135	152	26072	25
BORDRCTY-GUARDIAN_115_969	969	115	179	179	179	325283	107
BOWLINE__345_138_BK455	BK455	345	506	587	671	25664	134
BOWLINE_-WHAVERSTRW_345_67-1	67-1	345	777	837	837	25567	208
BOWLINOR-CONGERS__138_561	561	138	378	414	431	26723	117
BRANCHBG-RAMAPO__500_5018	5018	500	1156	1450	1915	25019	189
BRIGHAM_-LUDLUM_B_115_161-2	161-2	115	213	225	242	26020	56
BRISTLHL-CLAY____115_4	4	115	135	135	135	25518	26
BRISTLHL-S.OSWEGO_115_4	4	115	128	135	135	25512	26
BRNDVLE-LYON_MTN_115_911	911	115	143	157	167	325704	18
BROOKHVN_138_69__BK 1	BK 1	138	272	335	446	26548	79
BROOKHVN_138_69__BK 2	BK 2	138	272	335	446	325152	73
BROOKHVN-EDWARDV_138_864	864	138	308	481	593	25553	89
BROOKHVN-SILLSRD_138_874	874	138	572	628	698	325617	89
BROOKHVN-SILLSRD_138_887	887	138	457	502	558	325619	89
BROOKHVN-WILDWOOD_138_861	861	138	501	553	678	325932	65
BROWNFLS-HIGLEY__115_1-BH	1-BH	115	130	144	159	26078	1
BROWNFLS-TAYLORVL_115_3-BT	3-BT	115	130	144	159	26076	6

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
BROWNFLS-TAYLORVL_115_4-BT	4-BT	115	128	135	152	26077	6
BUCHAN_N_345_138_BK TA5	BK TA5	345	230	306	381	25425	84
BUCHAN_N-BUCHANAN_138_95891	95891	138	249	296	384	25568	84
BUCHAN_N-EASTVIEW_345_W93	W93	345	1823	2015	2557	25133	703
BUCHAN_S-MILLWOOD_345_W97	W97	345	1840	1973	2154	25146	458
BUCHAN_S-MILLWOOD_345_W98	W98	345	1840	1973	2154	25247	458
BUCHANAN-MILLWOOD_138_96951	96951	138	291	322	408	25283	11
BUCHANAN-MILLWOOD_138_96952	96952	138	291	322	408	25284	11
BULYMO__BOONVILLE_115_6	6	115	141	144	159	325265	32
BURD_STW-ALTAMONT_115_17-BA	17-BA	115	141	144	165	26151	21
BURDECK_-VORHVSLE_115_19-BV	19-BV	115	128	135	152	26152	31
BURNS___138_69__BK 519	BK 519	138	208	258	284	25889	55
BURNS___-CORPDRIV_138_702	702	138	226	248	258	325812	76
BURNS___-N.HEMPST_138_531	531	138	282	309	321	25878	10
BURNS___-WHAVSTOR_138_541	541	138	171	179	179	25879	52
BUTLER_-MOHICAN_115_18	18	115	141	144	165	26434	23
C._ISLIP_138_69__BK 3	BK 3	138	273	336	336	26519	101
C._ISLIP-RONKOKMA_138_883	883	138	478	621	691	26497	27
CANAL___-RIVRHEAD_138_910	910	138	258	304	338	325242	83
CANANDGA-STONYRDG_230_68	68	230	600	625	653	25176	258
CARD___-MILSTONE_345_383	383	345	1864	2187	2390	25332	234
CARMEL___-CROTONFL_115_991	991	115	261	287	311	26155	76
CARMEL___-WOODSTNY_115_992	992	115	261	287	311	325278	54
CARR_ST_-DEWITT___115_15-CD	15-CD	115	227	249	268	26093	15
CATON___-HILLSIDE_115_960	960	115	119	120	120	325290	13
CAVANARD-EDIC_PTR_115_7	7	115	141	144	159	325214	29
CEDAR___-WHITEHAL_115_6	6	115	141	144	165	26516	10
CHADWICK-E.WALDEN_115_DW-3	DW-3	115	225	251	282	26218	42
CHADWICK-WBALMVLE_115_DW-2	DW-2	115	219	232	255	26217	24
CHASLAKE-EDIC_PTR_230_11	11	230	511	564	586	25051	98
CHATEAUG-BRNDVLE_115_911	911	115	143	157	167	325705	18
CHATGUAY-MASSENA_765_7040	7040	765	3975	3975	5300	25301	602
CHESTROR-SUGRLOAF_138_271	271	138	282	309	321	325424	86
CHRCHTWN-BLUESTOR_115_13-BC	13-BC	115	169	179	179	26685	63
CHRCHTWN-CRARYVIL_115_984	984	115	138	167	179	26500	14
CHRCHTWN-SCHODACK_115_14/984	14/984	115	168	199	199	26126	77
CHURCH_S-ROTTDAM_115_10-AR	10-AR	115	141	144	165	26428	21
CLAY___345_115_BK 1	BK 1	345	354	410	448	25387	165
CLAY___345_115_BK 2	BK 2	345	590	764	796	25421	248
CLAY___-DEWITT___115_3-CD	3-CD	115	141	144	165	25519	51
CLAY___-DEWITT___115_5-CD	5-CD	115	245	260	282	25522	50
CLAY___-DEWITT___345_13-CD	13-CD	345	1431	1605	1626	25168	541
CLAY___-EDIC_PTR_345_1-16	16-Jan	345	1591	1745	1904	25200	614
CLAY___-EDIC_PTR_345_2-15	15-Feb	345	1591	1745	1904	25169	616
CLAY___-HOPKINS_115_11-CH	11-CH	115	252	252	252	25516	105
CLAY___-INDPDNCE_345_26	26	345	1918	2115	2390	25858	725
CLAY___-SOLVAY___115_14-CG _GE	14-CG	115	141	144	165	25517	28

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
CLAY____-TEALLAVE_115_10-CT	10-CT	115	141	144	165	25520	84
CLAY____-WOODARD_115_17	17	115	241	241	241	25515	65
CLIMAX__-TAYLORVL_115_8-CT	8-CT	115	128	135	152	26431	32
CLINTON_-IMC_TAP__115_15-CI	15-CI	115	141	144	165	26128	14
CLRKSCRN_345_115_BK1	BK1	345	280	313	336	325724	29
CLRKSCRN_345_115_BK2	BK2	345	280	313	336	325725	29
CLRKSCRN-OAKDALE__345_36	36	345	1279	1410	1781	325726	621
CLYDE____115_34__TR1	TR1	115	152	166	175	25221	19
CLYDE____-STATE_ST_115_971	971	115	152	166	175	68810	32
COBBLENM-COBBLENY_115_BK 1	BK 1	115	45	47	53	25426	12
COBBLENM-HOMER_HL_115_152-2	152-2	115	141	144	159	26022	14
CODNIGTN-E.ITHACA_115_981-1	981-1	115	133	149	162	25730	17
CODNIGTN-ETNA____115_998	998	115	266	293	299	25734	45
COFFEEN_-EWATRTWN_115_5	5	115	119	119	119	325769	24
COFFEEN_-GLENPARK_115_3-CG	3-CG	115	119	119	119	26069	45
COLDENHM-ROCKTVRN_115_J	J	115	256	282	349	26420	36
COLLIERS-RICHFELD_115_929	929	115	149	172	215	26169	4
COLTON__-FLATROCK_115_2-CF	2-CF	115	139	146	159	26088	1
COLTON__-HIGLEY____115_1-HC	1-HC	115	130	144	159	26087	4
COLTON__-S.COLTON_115_9 EQ	9 EQ	115	119	119	119	68826	57
COMSTKNM-MOHICAN__115_13-MW	13-MW	115	141	144	159	26484	22
CONGERS_-SNKEHLRD_138_563	562	138	378	414	431	25887	93
COOPERNY-ROCKHILL_115_957	957	115	120	120	120	325614	28
COOPERS__345_115_BK 2	BK 2	345	256	295	300	25433	53
COOPERS__345_115_BK 3	BK 3	345	256	295	300	25434	54
COOPERS_-FERNDAL_115_950	950	115	179	179	179	26171	42
COOPERS_-MIDDLETP_345_CMT-34	CMT-34	345	1786	1793	1793	25110	618
COOPERS_-ROCKTVRN_345_CRT-42	CRT-42	345	1793	1793	1793	25111	542
CORNITH_-SPIERFLS_115_9-CS	9-CS	115	340	374	414	26149	101
CORONA__138A_138B_BK R1	B_BK R1	138	214	285	354	25621	0
CORONA__138A_138C_BK R2	C_BK R2	138	214	285	354	25622	0
CORONA__-JAMAICA_138_18001	18001	138	311	372	421	25285	0
CORONA__-JAMAICA_138_18002	18002	138	273	334	382	25286	0
CORPDRIV-HARNGCRN_138_703	703	138	189	222	250	25881	61
CORTLAND-FENERWND_115_3	3	115	152	166	175	325248	8
CORTLAND-TILDEN____115_18	18	115	224	239	239	26089	43
CORTLAND-TULLERHL_115_1	1	115	156	170	181	25059	27
CURRY_RD-WOLF_RD__115_8	8	115	141	144	165	26254	0
DANSKAMR-CHADWICK_115_DW-1	DW-1	115	225	251	291	26219	18
DANSKAMR-NCHELSEA_115_AC	AC	115	216	231	282	25829	23
DANSKAMR-NCHELSEA_115_DC	DC	115	255	282	334	25830	24
DANSKAMR-RYND_115_DR	DR	115	237	282	315	25831	32
DANSKAMR-WBALMVLE_115_DB	DB	115	146	160	178	26221	3
DAVIS_RD-STOLLERD_115_927	927	115	238	239	239	26172	19
DEERFLD_-SCOBIE____345_373	373	345	1677	1677	1677	26383	391
DEFERIET-TAYLORVL_115_2-DT	2-DT	115	128	135	152	26090	2
DELHI____-DELHI_TP_115_951-1	951-1	115	164	164	164	26174	55

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
DELHI___-GR.GORGE_115_916	916	115	90	90	90	26479	18
DELHI___-VINGR_TP_115_917_916	917-916	115	120	120	120	25911	40
DELHI_TP-COLLIERS_115_951-2	951-2	115	239	239	239	26203	41
DENNISON-NORFOLK___115_4-DA	4-DA	115	222	234	278	25225	0
DENNISON-ROSEMNTA_115_1-RD	1-RD	115	215	235	253	25523	0
DENNISON-ROSEMNTB_115_2-RD	2-RD	115	215	235	253	25524	0
DENNISON-SANDSTON_115_5-DS	5-DS	115	222	234	278	25226	0
DEPEW_TP-DEPEW___115_BK 1	BK 1	115	120	120	120	25428	8
DEPEW_TP-ERIE_ST___115_921	921	115	120	120	120	26010	2
DEWITT___345_115_BK 2	BK 2	345	619	758	796	25418	209
DEWITT___-TEALLAVE_115_4-DT	4-DT	115	141	144	165	26094	45
DULEY___-PATNODE___230_PND-1	PND-1	230	478	478	569	325856	47
DULEY___-PLATSBRG_230_DP-1	DP-1	230	288	320	356	25272	76
DUNKIRK___230_115_BK 31	BK 31	230	173	234	250	25386	47
DUNKIRK___230_115_BK 41	BK 41	230	166	226	250	25430	47
DUNKIRK_-BENETTNM_115_142	142	115	199	199	199	26018	44
DUNKIRK_-BERRY_RD_115_160-1	160-1	115	239	239	239	26025	58
DUNKIRK_-BRIGHAM___115_161-1	161-1	115	211	217	239	26021	60
DUNKIRK_-LUDLUM_A_115_162-1	162-1	115	211	217	239	26027	55
DUNKIRK_-SILVRCKR_115_141	141	115	107	117	123	26026	48
DUNWODIE_138___138___BK N1	BK N1	138	376	428	500	25624	62
DUNWODIE_138___138___BK N2	BK N2	138	223	312	400	25623	115
DUNWODIE_138___138___BK S1	BK S1	138	132	176	219	25626	103
DUNWODIE_138___138___BK S2	BK S2	138	132	176	219	25627	103
DUNWODIE_345_138_BK N1_W74	BKN1W74	345	490	575	667	25209	236
DUNWODIE_345_138_BK S1_W73	BKS1W73	345	386	454	511	25208	214
DUNWODIE-DUNWODIE_138_99997 TIE	99997	138	245	293	342	25532	14
DUNWODIE-E179THST_138_99153	99153	138	242	333	438	25287	206
DUNWODIE-MOTTHAVN_345_71	71	345	741	858	1309	25151	173
DUNWODIE-MOTTHAVN_345_72	72	345	741	858	1309	25191	159
DUNWODIE-SHERMCRK_138_99031	99031	138	154	196	308	25193	62
DUNWODIE-SHERMCRK_138_99032	99032	138	219	307	421	25239	115
DUNWODIE-SHORE_RD_345_Y50	Y50	345	721	959	1470	25091	588
E.ITHACA-ETNA___115_981-2	981-2	115	100	115	143	25733	54
E.SAYRE_-NWAVERLY_115_956	956	115	102	139	139	25013	70
E.TWANDA-HILLSIDE_230_70	70	230	512	564	598	25014	186
E.WALDEN_115_69___TR _3	TR _3	115	67	81	91	26681	14
E.WALDEN-COLDENHM_115_CW	CW	115	256	282	349	26225	10
E.WALDEN-MODENA___115_EM	EM	115	285	310	349	25832	16
E.WALDEN-ROCKTVRN_115_D	D	115	255	282	350	26226	41
E13THSTA_138_69___BK 111	BK 111	138	91	121	142	25526	10
E13THSTA_138_69___BK 112	BK 112	138	91	121	142	25527	10
E13THSTA_138_69___BK 113	BK 113	138	91	121	142	25528	10
E13THSTA_138_69___BK 114	BK 114	138	91	121	142	25529	10
E13THSTA_345_138_BK 10	BK 10	138	294	326	367	25467	97
E13THSTA_345_138_BK 11	BK 11	138	284	297	315	25468	88
E13THSTA_345_138_BK 12	BK 12	138	284	297	315	25463	91

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
E13THSTA_345_138_BK 13	BK 13	138	307	373	447	25464	85
E13THSTA_345_138_BK 14	BK 14	138	295	326	369	25465	83
E13THSTA_345_138_BK 15	BK 15	138	323	369	410	25466	95
E13THSTA_345_138_BK 16	BK 16	138	318	372	495	25469	94
E13THSTA-FARRAGUT_345_45	45	345	773	944	1347	25190	242
E13THSTA-FARRAGUT_345_46	46	345	786	955	1353	25251	239
E13THSTA-FARRAGUT_345_47	47	345	537	731	1157	25177	110
E13THSTA-FARRAGUT_345_48	48	345	692	832	1288	25252	1
E179THST-HELLGT_E_138_15053	15053	138	187	244	374	25289	125
E179THST-HELLGT_E_138_15054	15054	138	187	244	374	25290	125
E179THST-HELLTP_W_138_15055	15055	138	242	321	400	25288	208
E179THST-PARKCHTR_138_38X01	38X01	138	191	305	512	25327	40
E179THST-PARKCHTR_138_38X02	38X02	138	191	305	512	25328	40
E179THST-PARKCHTR_138_38X03	38X03	138	191	305	512	25329	25
E179THST-PARKCHTR_138_38X04	38X04	138	191	305	512	25330	25
EASTVIEW_345_138_BK 1N	BK 1N	138	438	493	493	25472	107
EASTVIEW_345_138_BK 1S	BK 1S	138	438	493	493	25373	110
EASTVIEW_345_138_BK 2N	BK 2N	138	438	493	493	25471	107
EASTVIEW_345_138_BK 2S	BK 2S	138	438	493	493	25470	107
EASTVIEW-SPRNBK_345_W64	W64	345	2430	2823	3357	25143	594
EASTVIEW-SPRNBK_345_W65	W65	345	1976	2387	2897	25144	591
EASTVIEW-SPRNBK_345_W78	W78	345	2430	2823	3357	25346	556
EASTVIEW-SPRNBK_345_W79	W79	345	1976	2387	2897	25153	554
EDIC/PTR-FRASER_345_EF24-40	EF24-40	345	1793	1793	1793	25112	610
EDIC_PTR_230_115_BK 1P	BK 1P	230	320	365	398	25389	14
EDIC_PTR_230_115_BK 2P	BK 2P	230	320	365	398	25423	14
EDIC_PTR_345_115_BK 3E	BK 3E	345	524	602	760	25424	171
EDIC_PTR_345_115_BK 4E	BK 4E	345	603	721	796	25454	171
EDIC_PTR_345_230_BK 2E	BK 2E	230	551	626	758	25422	253
EDIC_PTR-DERFIELD_115_8_26_25_23	8262523	115	127	127	127	26116	10
EDIC_PTR-FRASER_345_EF24-40	EF24-40	345	1793	1793	1793	25112	610
EDIC_PTR-N.SCTLND_345_14-EN	14-EN	345	1624	1783	1912	25170	629
EDIC_PTR-ROTTRDAM_230_30-PR	30-PR	230	511	564	634	25173	200
EDIC_PTR-ROTTRDAM_230_31-PR	31-PR	230	511	564	634	25194	200
EDIC_PTR-VALLEY_115_4-PV	4-PV	115	141	144	165	25231	64
EDIC_PTR-WATKINRD_115_5-PW	5-PW	115	141	144	165	25232	79
EDWARDV-RIVRHEAD_138_893	893	138	308	345	375	325654	71
EELPOTRD-MEYER_115_968	968	115	133	149	162	325288	46
EFISHKCH_345_115_BK 1	BK 1	345	505	531	531	25724	136
EFISHKCH_345_115_BK 2	BK 2	345	558	560	560	325845	0
EFISHKIL_345_115_BK 1	BK 1	345	505	531	531	25724	136
EFISHKIL-WOOD_ST_345_F38	F38	345	2409	2679	3406	25367	704
EFISHKIL-WOOD_ST_345_F39	F39	345	2409	2679	3406	25368	786
EGRDNCTY_138_69_BK 1	BK 1	138	272	335	446	26652	87
EGRDNCTY_345_138_BK 1	BK 1	345	444	556	641	25551	320
EGRDNCTY_345_138_BK 2	BK 2	345	444	556	641	25552	320
EGRDNCTY_345C_345A_PAR1	A_PAR1	345	468	855	900	25678	320

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
EGRDNCTY_345C_345B_PAR2	B_PAR2	345	468	855	900	25679	320
EGRDNCTY-CARLPLCE_138_361	361	138	314	345	375	25533	24
EGRDNCTY-EGRDNCTR_345_Y49_ST	Y49_ST	345	693	940	1360	325158	641
EGRDNCTY-NEWBRDGE_138_462	462	138	188	267	470	25303	61
EGRDNCTY-NEWBRDGE_138_463	463	138	244	325	434	25304	61
EGRDNCTY-NEWBRDGE_138_465	465	138	262	344	442	25535	67
EGRDNCTY-ROSLYN_138_362	362	138	314	345	375	25534	0
EKINGSTN-RHINEBCK_115_ER	ER	115	219	232	255	26222	35
ELBRIDGE_345_115_BK 1	BK 1	345	542	621	796	25448	156
ELBRIDGE-GRS_LOCK_115_19-EG	19-EG	115	141	144	160	26097	16
ELBRIDGE-GRS_LOCK_115_3-EG	3-EG	115	176	181	209	26098	23
ELBRIDGE-HYATT_115_15-EH	15-EH	115	156	171	182	25109	22
ELBRIDGE-LAFAYTTE_345_17-LE	17-LE	345	940	1562	1912	25149	359
ELBRIDGE-MILTON_C_115_18-EM	18-EM	115	124	124	124	26095	29
ELBRIDGE-STATE_ST_115_5_972	5_972	115	146	167	178	25107	44
ELM_ST_-SENECA_A_230_71	71	230	223	254	262	26426	9
ELM_ST_-SENECA_B_230_72	72	230	223	254	262	26427	9
ELWOOD_138_69_BK 3	BK3	138	129	156	208	26540	50
ENDICOTT-RANGEHL_115_920	920	115	149	149	149	26158	29
ENDICOTT-ROBBLEAV_115_948	948	115	254	254	254	26159	27
ENORWICH-JENNISON_115_946	946	115	117	136	153	25729	21
ERIE SO.-S.RIPLEY_230_69	69	230	553	637	637	25016	145
ERIE_ST_-PAVNMTD_115_926	926	115	252	269	269	26175	5
ERIEEAST-S.RIPLEY_230_69	69	230	553	637	637	25016	145
ETNA_-CLRKSCRN_115_715	715	115	304	313	345	325728	15
ETNA_-CLRKSCRN_115_947	947	115	292	313	345	325727	15
ETNA_-WILLET_115_945-2	945-2	115	149	169	175	25731	102
FAIRFIEL_-INGHAM_C_115_3	3	115	141	144	159	26106	61
FAIRPRTA-HOOK_TAP_115_1-FH	1-FH	115	176	181	210	26327	31
FAIRPRTB-ELBRIDGE_115_2-FE	2-FE	115	166	175	187	26099	14
FALCONER_SALAMANC_115_153	153	115	156	159	159	26033	1
FALCONER_SALAMANC_115_154	154	115	156	159	159	26032	11
FARMGTN_115_12_BK 3	BK 3	115	15	25	35	325380	9
FARMGTN_115_34_BK 1	BK 1	115	64	74	110	70259	26
FARMGTN_115_34_BK 2	BK 2	115	72	82	107	70258	15
FARMGTN_-BORDRCTY_115_977	977	115	187	206	219	25057	121
FARMGTN_-HAMLTNNM_115_7-HF	7-HF	115	176	181	209	26101	7
FARRAGUT_345A_138C_BK 9X	BK 9X	345	130	174	216	25636	24
FARRAGUT_345A_138D_BK 10X	BK 10X	345	130	174	216	25637	25
FARRAGUT_345B_345A_TR11	TR11	345	543	737	930	25044	336
FARRAGUT_345C_345A_TR12	TR12	345	549	748	930	25043	336
FARRAGUT-GOWANUS_345_41	41	345	653	856	1316	25141	111
FARRAGUT-GOWANUS_345_42	42	345	653	856	1316	25140	111
FARRAGUT-HUDS_AVE_138_32077	32077	138	130	174	216	25291	25
FARRAGUT-HUDS_AVE_138_32078	32078	138	136	181	216	25292	25
FARRAGUT-HUDS_AVE_138_32711	32711	138	148	148	148	25293	25
FENERWND-ONEIDA_115_8	8	115	159	159	159	25894	7

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
FERNDAL-EEBURN-115-959	959	115	90	90	90	26180	16
FEURABSH-GREENBSH-115-17	17	115	311	341	375	25862	38
FEURABSH-NCATSKLL-115-2-FN	2-FN	115	141	144	165	25067	0
FISHKPLN-EFISHKIL-115-HF	HF	115	243	267	293	26227	63
FISHKPLN-SYLVANLK-115-FP	FP	115	256	282	350	25066	97
FITZPTRK-EDIC-PTR-345-FE1	FE1	345	1434	1434	1661	25077	762
FIVE_FLS-RAINBOW-115-9 EQ	9 EQ	115	173	190	202	68830	17
FLATROCK-BROWNFLS-115-2-FBF	2-FBF	115	130	144	159	26079	3
FLATSTR-EELPOTRD-115-968	968	115	133	149	162	325287	33
FORGEBRK-MERTPARK-115-WF	WF	115	243	260	282	26229	6
FORTDRUM-DEFERIET-115-2-FD	2-FD	115	141	144	165	26091	9
FOXHILLS-WILLWBRK-138-29211-1	29211-1	138	207	275	450	25771	134
FOXHILLS-WILLWBRK-138-29212-1	29212-1	138	207	275	450	25772	137
FRASER-345-115-BK 2	BK 2	345	356	420	420	25391	97
FRASER-COOPERS-345-33	33	345	1482	1631	1793	25236	682
FRASER-GILBOA-345-GF5-35	GF5-35	345	1747	1793	1793	25060	210
FRASERNY-DELHI-TP-115-951-3	951-3	115	239	239	239	26202	96
FREEPORT-NEWBRDGE-138-461	461	138	226	291	475	25155	139
FRESHKLS-138C-138A-R1-21191	21191	138	327	435	539	25639	259
FRESHKLS-138C-138B-R2-21192	21192	138	329	410	486	25640	259
FRESHKLS-345-138-TA 1	TA 1	138	327	435	540	25457	261
FRESHKLS-345-138-TB 1	TB 1	138	329	410	478	25458	260
FRONT-ST-ROSA-RD-115-11	11	115	239	239	239	26274	72
FROST-BR-LONG-MTN-345-352	352	345	1351	1554	1841	25363	92
FROST-BR-SOUTHNGT-345-329	329	345	1350	1554	1793	25364	279
FTZPK-NM-LIGHTHSE-115-3-FLH	3-FLH	115	119	119	159	25502	25
GARDNVLA-230-1-BK6P	BK6P	230	366	420	420	25405	89
GARDNVLA-230-1-BK7P	BK7P	230	245	296	300	25435	72
GARDNVLA-BIGTREE-115-903	903	115	179	197	213	325284	38
GARDNVLA-GIRDLERD-115-705	705	115	239	239	239	25116	9
GARDNVLA-STOLLERD-230-66	66	230	478	478	478	25180	55
GARDNVLB-230-115-BK 2	BK 2	230	317	334	396	25385	81
GARDNVLB-230-115-BK 3	BK 3	230	168	210	250	25416	55
GARDNVLB-230-115-BK 4	BK 4	230	169	211	250	25417	55
GARDNVLB-ARCADE-115-151	151	115	156	171	182	26040	48
GARDNVLB-BETHWEST-115-149	149	115	245	257	294	325317	17
GARDNVLB-BETHWEST-115-150	150	115	245	257	294	325318	7
GARDNVLB-COBLENM-115-152-1	152-1	115	199	199	199	26023	57
GARDNVLB-DUNKIRK-230-73	73	230	637	637	637	25166	120
GARDNVLB-DUNKIRK-230-74	74	230	633	633	633	25197	120
GARDNVLB-GARDNVLA-115-GARD-NY	GARD-NY	115	712	813	985	25085	61
GARDNVLB-GARDNVLA-230-T8-12	T8-12	230	773	773	773	25089	216
GARDNVLB-ST55-139-115-141	141	115	107	117	123	26038	48
GARDNVLB-ST55-139-115-142	142	115	107	117	123	26037	44
GARDNVLB-WALDEN-115-54-1	54-1	115	168	212	239	26035	14
GE-R-D-GROOMS-115-20-15	20-15	115	245	257	294	26266	34
GILBOA-LEEDS-345-GL3	GL3	345	1762	1896	2151	25219	523

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
GILBOA__-N.SCTLND_345_GNS1	GNS1	345	1747	1896	2106	25052	45
GINNA__-PANNELRG_115_912	912	115	265	295	335	25260	51
GINNA__-S124_____115_913	913	115	321	359	436	26281	148
GINNA__-STA_135__115_909	909	115	282	298	313	325837	68
GINNA__-STA_135__115_937	937	115	282	298	313	325838	68
GINNA__-STA_204__115_908-1	908-1	115	322	360	415	26282	86
GINNA__-STA_204__115_911	911	115	320	358	414	26283	160
GIRDLERD-STOLLERD_115_706	706	115	228	229	239	325161	15
GLENWD__138_69__BK 5	BK 5	138	134	164	219	25735	70
GLENWD__138_69__BK 6	BK 6	138	134	164	219	70637	66
GLENWD__-CARLPLCE_138_363	363	138	370	393	434	25554	22
GLENWD__-GLENWDGT_138_366	366	138	387	400	443	25555	28
GLENWDGT-ROSLYN__138_364	364	138	370	393	434	25556	28
GOETHLSS-FRESHKLS_345_21	21	345	1016	1096	1362	25138	271
GOETHLSS-LINDN_CG_345_G23L	G23L	345	643	643	643	26000	338
GOETHLSS-LINDN_CG_345_G23M	G23M	345	643	643	643	325203	338
GOETHSLN_345/230_BK 1	BK 1	345	630	789	886	25642	331
GOETHSLN_345A_345B_BK 1N	BK 1N	345	591	787	978	25641	330
GOETHSLN-FRESHKLS_345_22	22	345	1285	1618	1817	25137	9
GOLAH__-MORTIMER_115_110	110	115	158	159	159	26034	25
GOUDEY__-ROBBLEAV_115_940	940	115	292	320	351	325166	37
GOUVNEUR-BATTHILL_115_8-GBH	8-GBH	115	93	101	106	26066	14
GOWANUS__138A_138B_PAR R14	PAR R14	138	272	308	376	25794	249
GOWANUS__138A_138B_PAR R2	PAR R2	138	272	308	376	25793	249
GOWANUS__345_138_BK T14	BK T14	138	272	308	376	25475	251
GOWANUS__345_138_BK T2	BK T2	138	272	308	376	25476	251
GOWANUS_-GOETHLSS_345_26	26	345	561	748	1241	25571	404
GOWANUS_-GOETHSLN_345_25	25	345	561	748	1241	25139	322
GOWANUS_-GREENWD__138_42231	42231	138	273	387	516	25214	249
GOWANUS_-GREENWD__138_42232	42232	138	273	387	516	25215	249
GOWANUSA-GREENWD__138_42G24	42G24	138	270	307	322	26007	0
GOWANUSC-GREENWD__138_42G13	42G13	138	259	307	322	26006	0
GOWANUSN_345KV_REA_R41_REACTR	R41_REA	345	687	896	1315	26001	111
GOWANUSS_345KV_REA_R42_REACTR	R42_REA	345	687	896	1315	26003	111
GREENBSH-FT._ORAN_115_15	15	115	159	159	159	26130	45
GREENBSH-STEPHTWN_115_993	993	115	141	144	159	26447	15
GREENDGE-FLATSTR__115_968	968	115	133	149	162	26185	17
GREENDGE-MONTRFL__115_967	967	115	133	149	162	26184	29
GREENDGE-MONTRFL__115_970	970	115	146	160	178	26183	37
GREENLWN_138_69__BK5	BK5	138	129	156	203	26655	38
GREENLWN-ELWOOD__138_673	673	138	487	572	657	25546	37
GREENLWN-SYOSSET__138_676	676	138	318	399	561	25548	43
GREENWD_-FOXHILLS_138_29231	29231	138	195	249	378	25321	96
GREENWD_-FOXHILLS_138_29232	29232	138	195	249	378	25322	95
GRND_ISL-AMERISTD_115_182-2	182-2	115	213	225	242	26014	60
GROOMS__-JOHNSON_115_13	13	115	268	293	317	26267	22
GRS_LOCK-S.OSWEGO_115_9-GS	9-GS	115	176	181	209	25510	46

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
GRS_LOCK-TILDEN___115_16-GT	16-GT	115	141	144	165	26102	57
GUARDIAN-HALEYRD___115_969	969	115	179	179	179	26167	102
HALEYRD_-GREENDGE_115_969	969	115	179	179	179	325294	80
HAMLTNNM-ELBRIDGE_115_7-HE	7-HE	115	189	199	199	26096	3
HAMLTNNM-HAMLTNNY_115_BK1	BK 1	115	34	42	56	25394	10
HANCOCK_-HAZEL___115_955-1	955-1	115	119	120	120	26187	0
HARSNRAD-ROBNSNRD_115_907	907	115	261	287	306	26162	33
HAUPPAUG-C._ISLIP_138_889	889	138	237	321	473	25681	96
HAZEL_-FERNDAL_115_955-2	955-2	115	119	120	120	26181	10
HDSNBRDG-DEWITT___115_10	10	115	225	251	291	325260	71
HDSNBRDG-DEWITT___115_7	7	115	340	374	414	325261	46
HELLGATE-ASTORIAW_138_24053	24053	138	171	207	207	25212	88
HELLGATE-ASTORIAW_138_24054	24054	138	171	207	207	25213	87
HELLGT_E-ASTORIAE_138_34051	34051	138	195	249	378	25323	125
HELLGT_E-ASTORIAE_138_34052	34052	138	195	249	378	25324	125
HELLGT_W-ASTORIAW_138_24051	24051	138	188	264	447	25210	19
HELLGT_W-ASTORIAW_138_24052	24052	138	188	264	447	25211	12
HICKLING_115_13__B1-22	B1-22	115	36	9997	9998	69342	15
HICKLING_115_13__B2-22	B2-22	115	47	9997	9998	69344	18
HICKLING-CATON___115_958	958	115	119	120	120	26189	3
HICKLING-RIDGE_RD_115_964	964	115	127	147	167	26188	6
HILLBURN_138_69__BK 317	BK 317	138	187	230	265	26330	57
HILLBURN-RAMAPOOR_138_52	52	138	187	230	265	25882	57
HILLSIDE_115_1_BK3S	BK3S	230	299	336	336	325761	70
HILLSIDE_115_1_BK4S	BK4S	230	467	561	699	325762	39
HILLSIDE_230_1_BK3P	BK3P	230	299	336	336	325759	70
HILLSIDE_230_1_BK4P	BK4P	230	467	561	699	325760	56
HILLSIDE-CHEMUNG___115_962	962	115	170	179	179	25726	87
HILLSIDE-WATRCURE_230_69	69	230	657	657	657	25181	155
HINMAN_-HARSNRAD_115_908	908	115	297	306	306	26161	179
HISHELDN-WETHSRFD_230_81	81	230	506	556	603	325622	287
HOLBROOK-HOLTSVLE_138_888	888	138	878	993	1118	25542	196
HOLBROOK-NSHORBCH_138_884	884	138	400	440	487	25341	12
HOLBROOK-SILLSRD___138_872	872	138	555	590	678	25340	28
HOLTSVLE-SILLSRD___138_873	873	138	601	650	747	325618	19
HOLTSVLE-UNIONAVE_138_818	818	138	172	224	390	25584	120
HOLTSVLE-WEST BUS_138_877	877	138	878	993	1118	325909	61
HOMER C_-STOLLERD_345_37	37	345	703	835	840	25036	77
HOMER C_-WATRCURE_345_30	30	345	927	927	927	25018	375
HOMER_HL-NILE___115_157-1	157-1	115	107	117	123	26041	32
HOOK_TAP-FARMGTN___115_7-HF	7-HF	115	176	181	199	26100	22
HOPKINS_-TEALLAVE_115_11-HT	11-HT	115	239	239	239	26105	83
HUDS_AVE-JAMAICA_138_701	701	138	172	234	371	25294	37
HUDS_AVE-JAMAICA_138_702	702	138	172	234	371	25295	37
HUDSON_-PLSTVYCH_115_12-HP	12-HP	115	159	159	159	25499	53
HUDSON_-VALKIN___115_15	15	115	145	159	159	26514	81
HUDSONP_-FARRAGUT_345_B3402	B3402	345	547	732	927	25020	336

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
HUDSONP_-FARRAGUT_345_C3403	C3403	345	565	763	827	25038	336
HUNTLEY_-ELM_ST___230_70	70	230	432	477	491	25855	48
HUNTLEY_-SAWYER___230_79	79	230	691	760	848	25127	353
HUNTLEY_-SAWYER___230_80	80	230	691	760	848	25128	397
HUNTLEY_-ST_60_36_115_36-1	36-1	115	199	199	199	26046	20
HUNTLEY_-ST_60_37_115_37-1	37-1	115	211	217	242	26045	20
HUNTLEY_-STA_129_115_39-1	39-1	115	176	181	209	26044	67
HUNTLEY_-STA_154_115_38-1	38-1	115	176	181	199	26047	68
HURLYAVE_345/115_BK 1	BK 1	345	486	560	560	25419	195
HURLYAVE-BOULEVRD_69_I	I	69	78	87	96	26213	10
HURLYAVE-LINCNP RK_115_HP	HP	115	243	267	293	25833	73
HURLYAVE-OHIOV LLE_115_OR	OR	115	169	213	239	25834	65
HURLYAVE-ROSETON_345_303	303	345	1713	1885	1912	25218	444
HYATT___-BORDR CTY_115_979	979	115	156	171	179	25106	8
IMC_TAP_-MECO_____115_15-IM	15-IM	115	152	166	175	26132	20
INDK-OSW-LIGHTHSE_115_2-ILH	2-ILH	115	139	144	159	25503	11
INDN_PT3-BUCHAN_S_345_W96	W96	345	1793	1793	2266	25570	1043
INDPDNCE-SCRIBA___345_25	25	345	1918	2115	2390	25859	268
INGHAM_C_115_115_PAR 2	PAR 2	115	197	234	239	25242	120
INGHAM_E-ESPRGFLD_115_7	7	115	114	131	152	25061	22
INGHAM_E-IMC_TAP___115_15-II	15-II	115	128	135	152	25871	34
INGHAM_E-STJHNVLE_115_6-IS	6-IS	115	104	107	122	26133	35
INGHAM_E-STONER___115_9-IS	9-IS	115	128	135	152	25863	32
IP_CRNTH-SPIERFLS_115_9-IPS	9-IPS	115	128	135	152	26118	23
JAMAICA_-LAKSUCSS_138_903	903	138	268	350	428	25090	209
JAMAICA_-VALLYSTR_138_901 L_M	901 L_M	138	307	391	441	25048	105
JENNISON-DELHI___115_949	949	115	117	120	120	26173	14
JENNISON-HANCOCK_115_954	954	115	119	120	120	26186	23
JENNISON-KATTLVLE_115_943	943	115	146	160	178	25898	70
JOHNSON_-MAPLEWOD_115_12	12	115	239	239	239	26268	46
KATONAH_-AMAWALK_115_995	995	115	261	287	311	325279	30
KATONAH_-CROTONFL_115_991	991	115	261	287	311	26157	24
KENTAVE_-GREENWD_138_31232-2	31231-2	138	195	249	310	25299	36
KENTS_FL-SARANAC_115_1-KS	1-KS	115	149	172	213	26206	35
KENTS_FL-SCOTAFLT_115_913	913	115	120	120	120	26207	12
KINTIGH_-ROCHESTR_345_SR-1	SR-1	345	1591	1745	1793	25073	672
KNAPPCR N-SANDDOCK_115_KB_KC	KB_KC	115	238	262	291	26240	32
KNAPPCR N-SPACKILL_115_SK	SK	115	238	262	291	325777	58
LADENTWN-BOWLINE_345_68	68	345	777	837	837	25249	134
LADENTWN-BUCHAN_S_345_Y88	Y88	345	1823	2015	2557	25185	127
LADENTWN-WHAVSTRW_345_67-2	67-2	345	1976	2387	2895	25248	48
LAFAYTTE-CLRKSCR N_345_4-46	Apr-46	345	1279	1410	1781	25049	682
LAFAYTTE-DEWITT___345_22-DL	22-DL	345	1643	1643	1643	25174	330
LAKSUCSS_138A_138B_PAR	B_PAR	138	366	450	450	25593	210
LANGDON_-NORTHSDE_115_936	936	115	206	227	239	26160	32
LAUREL L-GOUDEY___115_952	952	115	128	149	162	25012	52
LEEDS___-ATHENS___345_95	95	345	1624	1783	1946	25789	262

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
LEEDS___-HURLYAVE_345_301	301	345	1713	1885	1912	25055	639
LEEDS___-PLSNTVLY_345_92	92	345	1624	1783	1912	25056	933
LIGHTHSE-CLAY___115_7-CL	7-CL	115	141	144	165	25521	35
LIGHTHSE-EWATRTWN_115_5	5	115	119	119	119	25504	33
LINCNP RK-EKINGSTN_115_LR	LR	115	243	260	282	26223	44
LINDENP_-GOETHSLN_230_A2253	A2253	230	688	785	908	25017	331
LOCKPORT-HINMAN___115_100	100	115	268	293	317	25087	161
LOCKPORT-N.AKRN_1_115_108-2	108-2	115	158	162	187	25266	52
LOCKPORT-OAKFIELD_115_112-1	112-1	115	166	175	187	25300	58
LOCKPORT-SWEDEN_A_115_111-1	111-1	115	199	199	199	25262	81
LOCKPORT-SWEDEN_B_115_113-1	113-1	115	174	191	199	25263	79
LOCKPORT-TELGRAPH_115_107-1	107-1	115	268	293	317	25265	78
LOCKPORT-TELGRAPH_115_114-1	114-1	115	174	191	199	25264	88
LOCUSTGR-NEWBRDGE_138_558	558	138	446	572	657	25158	236
LONG_MTN-PLSNTVLY_345_398	398	345	1283	1476	1590	25033	36
LONG_MTN-PLUM TRE_345_321	321	345	1601	1757	1984	25720	127
LOGLANE-BLUE_CIR_115_6-BS	6-BS	115	141	144	159	25864	88
LOVETT___138_69__BK 147	BK 147	138	94	130	149	26331	26
LOVETT___-BOWLINOR_138_56	56	138	279	305	317	25877	16
LOWVILLE-BOONVLE_115_5-LB	5-LB	115	128	135	152	26075	22
LUDLOW___-CARP HL___345_301	301	345	1569	1757	1886	25722	152
LUDLOW___-NORTHFLD_345_354	354	345	1601	1757	1984	25713	741
LUDLUM_A-FALCONER_115_162-2	162-2	115	107	117	123	26031	43
LUDLUM_B-FALCONER_115_161-3	161-3	115	107	117	123	26030	51
LUTHERFT-MULBRYNM_115_3	3	115	227	248	268	26477	3
LUTHERFT-MULBRYNM_115_308	308	115	227	248	268	325742	16
LYON_MTN-KENTS_FL_115_911	911	115	143	157	167	26205	16
MALONE___-NICHVLE_115_3-NM	3-NM	115	168	197	199	25585	18
MALONE___-WILLIS___115_1-MW	1-MW	115	168	191	199	25586	83
MANCHSTR-SPACKILL_115_MC	MC	115	238	262	291	325776	58
MAPLEWOD-ARSENAL___115_15	15	115	168	188	239	25844	39
MAPLEWOD-MENANDS___115_19-MM	19-MM	115	156	170	181	25870	42
MARCY___765_345_BK 1	BK 1	765	1756	1756	1756	25455	237
MARCY___765_345_BK 2	BK 2	765	1793	1793	2297	25456	207
MARCY___-COOPERS___345_UC2-41	UC2-41	345	1345	1345	1434	25113	589
MARCY___-EDIC_PTR_345_UE1-7	UE1-7	345	1918	2115	2390	25229	130
MARCY___-N.SCTLND_345_18	18	345	1793	1793	2297	25276	697
MARSHVLE-CLINTON___115_12	12	115	152	159	159	325267	7
MASSENA___765_230_BK 1	BK 1	765	1076	1254	1404	25665	79
MASSENA___765_230_BK 2	BK 2	765	1076	1254	1404	25666	79
MASSENA_-MARCY___765_MSU1	MSU1	765	3975	3975	5300	25224	444
MCADOO___-BATTHILL_115_6-MBH	6-MBH	115	93	101	107	26064	1
MCINTYRE-COLTON___115_8-MC	8-MC	115	93	101	106	25514	17
MCINTYRE-MCADOO___115_6	6	115	156	159	159	26108	12
MCKNOWNV-NEWKRMKL_115_8	8	115	291	320	356	26499	101
MECO___-CHURCH_S_115_10-AM	10-AM	115	152	166	175	26120	2
MENANDS_-REYNOLDS_115_2-MR	2-MR	115	255	282	316	26135	71

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
MENANDS - RIVERSDE_115_3-MR	3-MR	115	227	239	239	26134	53
MERTPARK-WICCOPEE_115_WP	WP	115	244	260	282	325772	15
MEYER___115_1___BK4S	BK4S	230	271	331	336	325766	85
MEYER___230_1___BK4P	BK4P	230	271	331	336	325765	92
MEYER___-CANANDGA_230_60	60	230	591	649	715	325604	222
MEYER___-MORAINES_115_966	966	115	149	172	191	26166	82
MIDDLEOR-SHOEMAKR_138_29	29	138	506	587	671	26468	229
MIDDLETP_345_138_BK_114	BK114	345	506	587	671	26465	229
MIDDLETP-ROCKTVRN_345_MTR-34	MTR-34	345	1918	2115	2390	26464	385
MIDDLTWN-SCOV_RCK_345_384	384	345	896	1255	1434	26389	249
MILAN___-PLSTVYCH_115_10	10	115	145	160	178	26433	14
MILAN___-RHINEBCK_115_MR	MR	115	219	232	239	26242	11
MILLBURY-CARP_HL_345_302	302	345	1475	1560	1919	25721	181
MILLERPL-HOLBROOK_138_885	885	138	555	590	678	26691	3
MILLIKEN-ETNA___115_974	974	115	231	260	286	26177	111
MILLIKEN-ETNA___115_975	975	115	231	260	286	26178	121
MILLWOOD_345_138_TA_1	TA_1	138	248	333	359	25530	36
MILLWOOD_345_138_TA_2	TA_2	138	234	305	321	25531	35
MILLWOOD-EASTVIEW_345_W82	W82	345	2430	2823	3357	25147	698
MILLWOOD-EASTVIEW_345_W85	W85	345	2430	2823	3357	25258	662
MILLWOOD-EASTVIEW_345_W99	W99	345	2430	2823	3357	25255	664
MILTON_C-GRS_LOCK_115_18-MG	18-MG	115	156	171	182	26104	19
MNTNDALE-WWDBURNY_115_957	957	115	120	120	120	325616	19
MODENA___115_69___BK1	BK1	115	40	50	53	26325	8
MODENA___-OHIOVLE_115_PX	PX	115	285	301	349	25835	18
MOHICAN_-BATNKILL_115_15	15	115	128	135	152	26122	3
MOHICAN_-MULBRYNM_115_3	3	115	227	248	268	26687	3
MONSEY___-BURNS___138_601	601	138	456	478	500	325608	105
MONTRFL_-CODNIGTN_115_982	982	115	133	149	162	25728	19
MONTRFL_-RIDGE_RD_115_963-2	963-2	115	133	145	149	26196	35
MONTRFL_-RIDGE_RD_115_978-2	978-2	115	133	149	162	26197	39
MONTVILL-MILSTONE_345_371	371	345	1864	2187	2390	25334	845
MORTIMER-FAIRPRTA_115_1-FM	1-FM	115	168	181	199	25163	77
MORTIMER-FAIRPRTB_115_2-FM	2-FM	115	166	175	187	25240	68
MORTIMER-PITSFRDB_115_24-1	24-1	115	156	171	182	25096	18
MORTIMER-PITSFRDC_115_25-1	25-1	115	139	145	162	25095	10
MOSES___230_115_BK_1	BK_1	230	526	589	722	25411	90
MOSES___230_115_BK_2	BK_2	230	526	589	722	25451	89
MOSES___230_115_BK_3	BK_3	230	220	276	287	25452	35
MOSES___230_115_BK_4	BK_4	230	598	598	797	25453	89
MOSES___-ADIRNDCK_230_MA1	MA1	230	447	473	517	25269	41
MOSES___-ADIRNDCK_230_MA2	MA2	230	447	473	517	25270	41
MOSES___-ALCOA_N._115_MAL4	MAL4	115	256	282	327	25582	96
MOSES___-ALCOA_N._115_MAL6	MAL6	115	279	282	327	25581	92
MOSES___-ALCOA_S._115_MAL5	MAL5	115	291	319	350	25583	84
MOSES___-MASSENA_230_MMS1	MMS1	230	1076	1254	1404	25274	79
MOSES___-MASSENA_230_MMS2	MMS2	230	1076	1254	1404	25275	79

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
MOSES___-MED_ENGS_115_MRG1	MRG1	115	145	145	157	26328	116
MOSES___-MED-ENGs_115_MRG2	MRG2	115	145	145	157	26335	96
MOSES___-REYNLDPA_115_MR3	MR3	115	145	145	157	26332	84
MOSES___-WILLIS___230_MW1	MW1	230	447	473	517	25188	35
MOSES___-WILLIS___230_MW2	MW2	230	447	473	517	25271	35
MOSHIER_-TAYLORVL_115_7-MT	7-MT	115	49	49	49	26109	13
MOTTHAVN-RAINEY___345_Q11	Q11	345	741	858	1309	325430	56
MOTTHAVN-RAINEY___345_Q12	Q12	345	741	858	1309	325431	52
MULBRYNM-N.TROY___115_3	3	115	227	248	268	26475	33
MULTP-10-MULBRYNM_115_986	986	115	99	100	100	26476	13
N._SALEM-BATNKILL_115_989	989	115	45	52	57	26448	3
N.AKRN_1-BATAVIA___115_107-3	107-3	115	159	159	159	25124	20
N.AKRN_1-BATAVIA___115_108-1	108-1	115	152	159	159	25125	36
N.END___115_46_BK 1	BK 1	115	70	71	75	25849	46
N.END___-ASHLEYRD_115_702	702	115	351	386	434	25846	19
N.END___-PLATSBURG_115_701	701	115	239	239	239	25848	14
N. HEMPST-WHAVSTOR_138_530	530	138	282	309	321	26506	49
N.SCTLND_345_115_BK 1	BK 1	345	529	642	796	25445	80
N.SCTLND_345_115_BK 2	BK 2	345	629	796	796	25460	76
N.SCTLND-ALBANY___115_8-NA	8-NA	115	340	373	414	25496	32
N.SCTLND-ALPS___345_2-AN	2-AN	345	1278	1410	1792	25217	143
N.SCTLND-ALTAMONT_115_20-NV	20-NV	115	141	144	165	25492	53
N.SCTLND-BETHLEHEM_115_4-NB	4-NB	115	311	341	362	25497	13
N.SCTLND-FEURABSH_115_3-NF	3-NF	115	311	341	375	25495	27
N.SCTLND-LEEDS___345_93-LN	93-LN	345	1534	1692	1912	25171	668
N.SCTLND-LEEDS___345_94-LN	94-LN	345	1534	1692	1912	25203	664
N.SCTLND-OWENSCRN_115_7	7	115	141	144	165	25491	67
N.SCTLND-OWENSCRN_115_9	9	115	141	144	165	25490	17
N.SCTLND-ROTTRDAM_115_13-NR	13-NR	115	255	282	358	25494	30
N.SCTLND-VORHVSLE_115_19-NV	19-NV	115	128	135	152	25493	31
N.TROY_-REYNOLDS_115_16-NR	16-NR	115	222	234	239	26139	64
N.TROY_-WYNTKLN_115_14-NW	14-NW	115	168	212	239	26137	49
NBRDWYNM-ERIE_ST___115_922	922	115	146	160	178	26011	52
NCATSKLL_115_69_TR 4	TR 4	115	57	71	79	25839	32
NCATSKLL_115_69_TR 5	TR 5	115	53	65	73	25818	32
NCATSKLL-MILAN___115_T7	T7	115	169	213	237	26243	7
NHELSEA_115/69_BK TR1	BK TR1	115	40	50	53	25836	4
NHELSEA-FISHKPLN_115_NF	NF	115	255	290	315	26228	5
NHELSEA-FORGE BRK_115_F0	F0	115	225	251	282	26230	35
NEWBRIDGE_345_138_BK_1	BK 1	345	375	375	375	325301	331
NEWBRIDGE_345_138_BK_2	BK 2	345	375	375	375	325302	331
NEWBRIDGE-BAGATLRD_138_563	563	138	465	621	691	25536	62
NEWBRIDGE-EGRDNCTY_138_467	467	138	282	453	473	325378	54
NEWBRIDGE-RULAND___138_561	561	138	314	345	375	25305	98
NEWBRIDGE-RULAND___138_562	562	138	314	345	375	25306	98
NEWBRIDGE-RULAND___138_567	567	138	279	452	473	325379	95
NEWKRMKL-ALBANY___115_7	7	115	340	371	413	325257	113

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
NIAGARA__230_115_BK T1	BK T1	230	220	276	288	25409	27
NIAGARA__230_115_BK T2	BK T2	230	286	359	452	25410	50
NIAGARA__345_230_BK 3	BK 3	345	441	552	575	25408	127
NIAGARA__345_230_BK 5	BK 5	345	441	552	575	25450	127
NIAGARA_-GARDNVLB_115_180	180	115	194	199	233	25104	109
NIAGARA_-KINTIGH_345_NS1-38	NS1-38	345	1591	1745	1793	25074	11
NIAGARA_-LOCKPORT_115_101	101	115	285	300	318	25267	122
NIAGARA_-MOUNTAIN_115_120	120	115	224	250	291	25135	106
NIAGARA_-PACKARD_115_191	191	115	319	339	383	25075	151
NIAGARA_-PACKARD_115_192	192	115	319	339	383	25099	159
NIAGARA_-PACKARD_115_193	193	115	349	359	411	25100	139
NIAGARA_-PACKARD_115_194	194	115	349	359	398	25101	139
NIAGARA_-PACKARD_115_195	195	115	349	359	398	25102	155
NIAGARA_-PACKARD_230_61	61	230	717	717	942	25186	272
NIAGARA_-PACKARD_230_62	62	230	717	717	942	25220	268
NIAGARA_-ROBNSNRD_230_64	64	230	639	678	717	25088	267
NIAGARA_-ROCHESTR_345_NR2	NR2	345	1591	1745	1904	25084	586
NIAGARA_-SANDBORN_115_102-2	102-2	115	319	339	383	25103	119
NIAGBLVD-NBRDWNM_115_181-2	181-2	115	194	199	233	26057	95
NICHLVLE-PARISHVL_115_3-PN	3-PN	115	156	170	181	26110	25
NILE____-ANDOVER_115_157-2	157-2	115	142	150	159	26016	16
NINEMILE-CLAY____345_8-NC	8-NC	345	1278	1410	1535	25167	563
NINEMILE-FTZPK_NM_115_4-NF	4-NF	115	119	119	159	25500	25
NINEMILE-SCRIBA____345_9-NS	9-NS	345	1278	1410	1792	25359	62
NOGDNBRG-MCINTYRE_115_9-NOM	9-NOM	115	159	159	159	26080	12
NORFOLK_-SANDSTON_115_4-NS	4-NS	115	268	293	317	26111	0
NORTHFLD-VRNON VT_345_381	381	345	1195	1195	1580	25707	59
NRTH1385-NOR HBR_138_601	601	138	147	199	409	325597	34
NRTH1385-NOR HBR_138_602	602	138	147	199	409	325598	33
NRTH1385-NOR HBR_138_603	603	138	147	199	409	325599	33
NRTH1385-NRTHPORT_138_1385	1385	138	441	598	598	25035	100
NRTHPORT_138_138_PS2	138_PS2	138	463	570	570	25599	182
NRTHPORT_138N_138E_PAR 1	E_PAR 1	138	441	598	641	25598	100
NRTHPORT-ELWOOD____138_678	678	138	398	536	677	25543	51
NRTHPORT-ELWOOD____138_681	681	138	398	536	677	25544	60
NRTHPORT-PILGRIM____138_672	672	138	229	310	421	25307	81
NRTHPORT-PILGRIM____138_677	677	138	459	621	842	25308	174
NRTHPORT-PILGRIM____138_679	679	138	459	621	842	25309	174
OAKDALE__230_115_BK 1	BK 1	230	318	435	440	25400	67
OAKDALE__345_115_BK 2	BK 2	345	583	600	600	25401	197
OAKDALE__345_115_BK 3	BK 3	345	489	577	600	25399	181
OAKDALE_-DELHI____115_919	919	115	171	179	179	25897	32
OAKDALE_-ENDICOTT_115_938	938	115	171	188	239	26198	43
OAKDALE_-FRASER____345_32	32	345	1494	1692	1793	25235	386
OAKDALE_-GOUDEY____115_939	939	115	292	321	352	26182	177
OAKDALE_-KATTLVLE_115_943	943	115	171	188	221	26201	90
OAKDALE_-NORTHSDE_115_944	944	115	231	239	239	26199	72

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
OAKFIELD-BATAVIA__115_112-2	112-2	115	156	162	181	25126	40
OAKWOOD_-ELWOOD_E_138_674	674	138	487	572	657	25545	4
OAKWOOD_-SYOSSET__138_675	675	138	318	399	561	25547	44
OHIOVLLE_115_69__BK TR1	BK TR1	115	40	50	53	25819	6
OHIOVLLE-HIGHLAND_115_OR	OR	115	169	213	239	26247	34
ONEIDA_-WALESVIL_115_7	7	115	116	116	116	26115	10
ONEIDA_-YAHNUNDA_115_6	6	115	128	135	152	26113	41
OSWEGO__345_115_BK 7	BK 7	345	576	657	774	25372	238
OSWEGO_-ELBRIDGE_345_17-E0	17-E0	345	1278	1410	1792	25234	515
OSWEGO_-S.OSWEGO_115_3-OS	3-OS	115	209	239	239	25507	100
OSWEGO_-S.OSWEGO_115_5-OS	5-OS	115	209	239	239	25508	100
OSWEGO_-S.OSWEGO_115_8-OS	8-OS	115	478	478	478	25509	36
OSWEGO_-VOLNEY__345_11-OV	11-OV	345	1278	1410	1792	25199	235
OSWEGO_-VOLNEY__345_12-OV	12-OV	345	1278	1410	1792	25201	235
OWENSCRN-FEURABSH_115_9	9	115	141	144	159	325737	31
OWENSCRN-PLASTICS_115_7	7	115	141	144	165	325736	65
PACKARD__230_115_BK 3	BK 3	230	233	250	250	25414	20
PACKARD__230_115_BK 4	BK 4	230	235	250	250	25415	37
PACKARD_-GRND_ISL_115_182-1	182-1	115	243	249	297	26056	122
PACKARD_-NIAGBLVD_115_181-1	181-1	115	194	199	233	26055	104
PACKARD_-SAWYER__230_77	77	230	680	747	795	25164	260
PACKARD_-SAWYER__230_78	78	230	680	747	836	25195	262
PACKARD_-WALCK_RD_115_129	129	115	239	301	301	25906	118
PACKARD_-ZIMMERM1_115_130-2	130-2	115	213	225	242	26059	132
PANNELL__345_115_BK 1	BK 1	345	273	329	336	25396	83
PANNELL__345_115_BK 2	BK 2	345	273	328	336	25431	83
PANNELL__345_115_BK 3	BK 3	345	314	336	336	25572	67
PANNELL_-CLAY____345_PC1	PC1	345	1195	1195	1195	25058	199
PANNELL_-CLAY____345_PC2	PC2	345	1195	1195	1195	25050	200
PANNELRG-FARMGTN_115_4-FP	4-FP	115	265	293	317	25080	159
PANNELRG-PITSFRDB_115_24	24	115	139	145	162	26285	37
PANNELRG-PITSFRDC_115_25	25	115	156	171	182	26284	19
PARISHVL-COLTON__115_3-CP	3-CP	115	156	170	181	25241	25
PATROON_-MCKNOWNV_115_6	6	115	240	373	414	25866	70
PATROON_-PATRTAP__115_15	15	115	170	188	239	25867	8
PATRTAP_-MENANDS__115_15	15	115	141	144	165	26493	8
PAVMNTRD-STOLLERD_115_926	926	115	299	335	368	325220	7
PAWLING_-CROTONFL_115_994	994	115	179	179	179	25902	26
PEAT ST_-HDSNBRDG_115_10	10	115	225	251	291	26648	58
PEAT ST_-HDSNBRDG_115_7	7	115	340	374	414	26649	16
PETERBOR_ONEIDA__115_5	5	115	141	144	165	25896	27
PILGRIM_-HAUPPAUG_138_871	871	138	348	426	428	25550	140
PILGRIM_-WEST BUS_138_881	881	138	572	628	698	25537	57
PITSFRDB-QUAKERRD_115_23-1	23-1	115	180	180	180	26288	25
PITSFRDB-STA_82__115_23-2	23-2	115	176	181	209	26287	5
PLASTICS-LONGLANE_115_7	7	115	199	199	199	26501	55
PLATSBRG-KENTS_FL_115_PS1	PS1	115	128	148	170	25078	35

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
PLATTSBURGH PMLD #2	PS-1/A	115	179	179	224	69888	12
PLSNTVLE-DUNWODIE_345_W89	W89	345	1976	2282	2542	25182	637
PLSNTVLE-DUNWODIE_345_W90	W90	345	1976	2282	2542	25250	677
PLSNTVLY-EFISHKIL_345_F36	F36	345	1976	2387	2895	25256	224
PLSNTVLY-EFISHKIL_345_F37	F37	345	1976	2387	2895	25257	224
PLSNTVLY-FISHKPLN_115_C_A	C_A	115	174	190	202	26210	53
PLSNTVLY-MANCHSTR_115_M	M	115	238	262	291	26208	73
PLSNTVLY-WOOD_ST_345_F30	F30	345	1976	2384	2895	25237	661
PLSNTVLY-WOOD_ST_345_F31	F31	345	1976	2384	2895	25238	628
PLSTVYCH_115_69_TR 10	TR 10	115	134	143	143	25840	55
PLSTVYCH_345_115_BK S1	BK S1	345	478	478	478	25382	80
PLSTVYCH-INWOOD__115_X-1	X-1	115	219	232	255	26209	57
PLSTVYCH-TODDHILL_115_C	C	115	174	190	202	325156	70
PORTJEFF_138_69_BK 7	BK 7	138	123	149	219	25601	72
PORTJEFF_138_69_BK 8	BK 8	138	136	167	223	25600	51
PORTJEFF-HOLBROOK_138_886	886	138	351	405	487	25540	16
PORTJEFF-SUPERCON_138_862	862	138	351	405	487	25539	17
PYRITES_-COLTON__115_7-PC	7-PC	115	93	101	107	26086	27
QUAKERRD-MACEDON__115_930	930	115	68	85	112	25093	34
QUAKERRD-PANNELL__115_925	925	115	351	372	414	25682	67
QUAKERRD-PANNELRG_115_914	914	115	265	295	335	25261	0
QUAKERRD-SLEIGHT__115_980(13)	980(13)	115	187	206	221	25079	90
QUAKERRD-STA_204__115_908	908	115	289	305	335	26286	53
QUENBRDG-VERNON__138_31281	31281	138	413	550	602	25159	116
QUENBRDG-VERNON__138_31282	31282	138	413	550	602	25160	61
QUENSBRY-CEDAR__115_10	10	115	156	170	181	26140	43
QUENSBRY-SHERMAN__115_17-QS	17-QS	115	141	144	165	26142	47
RAINEY_-FARRAGUT_345_61	61	345	698	840	1300	25152	283
RAINEY_-FARRAGUT_345_62	62	345	739	854	1293	25253	260
RAINEY_-FARRAGUT_345_63	63	345	698	840	1300	25254	283
RAINEY_-VERNON__138_36311	36311	138	280	325	413	25296	150
RAINEY_-VERNON__138_36312	36312	138	295	353	409	25297	98
RAMAPO__345_138_BK 1300	1300	345	451	546	619	25441	128
RAMAPO__345_138_BK 2300	2300	345	451	546	619	25442	135
RAMAPO__345_345_PAR3500	PAR3500	345	588	840	1113	25370	94
RAMAPO__345_345_PAR4500	PAR4500	345	588	840	1113	25371	94
RAMAPO__500_345_BK 1500	BK 1500	345	1160	1419	1923	25656	189
RAMAPO_-BUCHAN_N_345_Y94	Y94	345	1823	2015	2557	25184	240
RAMAPO_-LADENTWN_345_W72	W72	345	1823	2015	2557	25233	40
RAMAPOOR-TALLMAN_138_60	60	138	456	478	500	25880	170
REYNOLDS_345_115_BK 2	BK 2	345	585	676	796	25403	224
REYNOLDS-ALPS____345_1-AR	1-AR	345	1458	1601	1780	25587	213
REYNOLDS-GREENBSH_115_9-RG	9-RG	115	398	398	398	26129	81
REYNOLDS-RVSD_TAP_115_4	4	115	239	239	239	325648	23
RICHFELD-ESPRGFLD_115_942	942	115	119	120	120	26176	18
RIDGE_RD-HILLSIDE_115_963	963	115	133	145	149	26190	17
RIDGE_RD-HILLSIDE_115_978-1	978-1	115	133	149	162	26191	13

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
RIVERSDE-RVSD_TAP_115_4	4	115	239	239	239	26144	23
RIVERSDE-TRINITY_115_18	18	115	159	178	258	26491	53
ROBNSNRD_230_115_BK 1	BK 1	230	380	420	420	25395	51
ROBNSNRD-STOLLERD_230_65	65	230	673	717	717	25065	216
ROCHESTR_345_115_BK 1	BK 1	345	582	630	630	25412	115
ROCHESTR_345_115_BK 2	BK 2	345	390	476	478	25432	137
ROCHESTR_345_115_BK 3	BK 3	345	582	630	630	25446	114
ROCHESTR_345_115_BK 5	BK 5	345	546	630	630	325381	233
ROCHESTR-PANNELL_345_RP1	RP1	345	1591	1745	1904	25192	317
ROCHESTR-PANNELL_345_RP2	RP2	345	1591	1745	1904	25172	318
ROCKHILL-MNTNDALE_115_957	957	115	120	120	120	325615	22
ROCKTVRN_345_115_BK TR1	BK TR1	345	485	530	530	25406	123
ROCKTVRN_345_115_BK TR3	BK TR3	345	485	533	560	26168	123
ROCKTVRN-RAMAPO_345_77	77	345	1822	2010	2271	25183	904
ROCKTVRN-SUGRLOAF_115_SL	SL	115	179	196	206	25420	99
ROME-ONEIDA_115_1-R0	1-R0	115	168	187	216	26112	68
RONKOKMA-HOLBROOK_138_875	875	138	586	650	747	25541	66
ROSA_RD-GE_R_D_115_14	14	115	245	257	294	26145	44
ROSETON-EFISHKIL_345_305	305	345	2528	2772	3133	25108	1182
ROSETON-ROCKTVRN_345_311	311	345	1713	1885	2102	25069	222
ROTTRDAM_230_115_BK 6	BK 6	230	406	447	585	25407	149
ROTTRDAM_230_115_BK 7	BK 7	230	346	396	448	25392	136
ROTTRDAM_230_115_BK 8	BK 8	230	377	427	474	25413	115
ROTTRDAM-BURDECK_115_17-RB	17-RB	115	141	144	165	25129	10
ROTTRDAM-BURDECK_115_19-RB	19-RB	115	128	135	152	26146	31
ROTTRDAM-CURRY_RD_115_11	11	115	141	144	165	25869	46
ROTTRDAM-FRONT_ST_115_16	16	115	268	293	317	26147	94
ROTTRDAM-SWAGRTWN_115_1	1	115	238	238	238	26430	83
ROTTRDAM-SWAGRTWN_115_2	2	115	478	478	478	26429	75
ROTTRDAM-WOODLAWN_115_35	35	115	141	144	165	25865	32
RULAND-HOLBROOK_138_882	882	138	586	650	747	25538	28
RULAND-PILGRIM_138_661	661	138	572	593	593	25310	13
RULAND-PILGRIM_138_662	662	138	593	593	593	25311	13
RUSSEL_W_STA_48_115_919	919	115	304	335	349	26302	29
RYAN-PLATSBURG_230_RYP-2	RYP-2	230	288	320	356	25273	65
RYNDS_HL-HIGHLAND_115_HR	HR	115	237	267	293	325825	19
RYNDS_HL-INWOOD_115_IR	IR	115	219	232	255	26248	41
S HERO-PLATSBURG_115_PV20	PV20	115	236	274	274	25027	5
S.COLTON-FIVE_FLS_115_9 EQ	9 EQ	115	173	190	202	68835	39
S.MAHWAH-RAMAPOOR_138_51	51	138	282	309	321	25888	95
S.OSWEGO-HAMRHILL_115_6-IH	6-IH	115	139	144	161	25513	62
S.OSWEGO-NINEMILE_115_1-SN	1-SN	115	141	144	159	25501	28
S.OSWEGO-TEALLAVE_115_13_10-ST	10-ST	115	199	199	199	25511	55
S.OWEGO-GOUDEY_115_961	961	115	143	157	167	25725	31
S.OWEGO-NWAVERLY_115_962-2	962-2	115	143	157	167	25727	13
S.PERRY-MEYER_115_934	934	115	106	116	120	26194	60
S.RIPLEY-DUNKIRK_230_68	68	230	511	564	586	25045	146

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
S42____-S124____115_932	932	115	176	243	454	325827	134
SALAMANC_HOMER_HL_115_153	153	115	156	159	159	325763	19
SALAMANC_HOMER_HL_115_154	154	115	156	159	159	325764	23
SANDBORN-LOCKPORT_115_102-1	102-1	115	285	300	318	26052	119
SANDDOCK-NCHELSEA_115_SC	KC	115	256	282	315	26249	9
SANDSTON-COLTON____115_4-SC	4-SC	115	222	234	278	26084	6
SANDSTON-COLTON____115_5-SC	5-SC	115	222	234	278	26085	3
SANDY PD-TEWKSBRV_345_337	337	345	2022	2182	2379	26366	137
SANDY PD-WACHUSST_345_314	314	345	2022	2325	2795	26352	233
SANDY PD-WACHUSST_345_343	343	345	1600	1760	1982	25716	240
SAWYER__-HUNTLEY__230_77	77	230	691	760	848	325043	211
SAWYER__-HUNTLEY__230_78	78	230	691	760	848	325044	212
SAWYER__-SUNY_77_230_79	79	230	691	760	800	325045	353
SAWYER__-SUNY_BUF_230_80	80	230	691	760	848	325046	349
SBATAVIA-GOLAH____115_119	119	115	168	185	196	26012	43
SCHODACK-GREENBSH_115_13	13	115	168	199	199	325804	86
SCOBIE__-AMHERST_345_380	380	345	1697	1697	1697	25708	63
SCOBIE__-SEABROOK_345_363	363	345	1494	1494	1494	26378	384
SCOTAFILT-MASONCR_115_909	909	115	189	207	221	325702	3
SCRIBA__-FITZPTRK_345_FS-10	FS-10	345	1434	1434	1912	25076	70
SCRIBA__-VOLNEY____345_20-SV	20-SV	345	1474	1626	1881	25204	719
SCRIBA__-VOLNEY____345_21-SV	21-SV	345	1912	1912	1912	25314	994
SENECA_A-GARDNVLB_230_71	71	230	306	354	370	25856	10
SENECA_B-GARDNVLB_230_72	72	230	306	354	370	25857	10
SHENDOAH-EFISHKIL_115_EF	EF	115	243	267	293	26251	73
SHERMAN_-SPIERFLS_115_17-SS	17-SS	115	141	144	159	26148	21
SHERMCRK-ACADEMY__138_331	331	138	345	431	546	325755	150
SHERMCRK-ACADEMY__138_332	332	138	345	431	546	325754	150
SHERMCRK-E179THST_138_15031	15031	138	184	235	371	25156	147
SHERMCRK-E179THST_138_15032	15032	138	184	235	371	25157	147
SHOEMAKR_138_69_BK 711	BK 711	138	212	281	319	26694	51
SHOR_NPX-SHOREHAM_138_NPX_CSC	NPX_CSC	138	601	650	747	325153	330
SHORE_RD_345_138_BK 1	BK 1	345	522	641	641	25439	294
SHORE_RD_345_138_BK 2	BK 2	345	522	641	641	25440	293
SHORE_RD-GLENWD____138_365	365	138	572	628	698	25205	88
SHORE_RD-GLENWD____138_366	366	138	370	392	434	25154	98
SHORE_RD-LAKSUCSS_138_367	367	138	258	377	623	25145	198
SHORE_RD-LAKSUCSS_138_368	368	138	258	377	623	25150	199
SHOREHAM-MILLERPL_138_879	879	138	501	553	678	25117	34
SHOREHAM-WILDWOOD_138_863	863	138	370	392	434	25115	133
SHOREHAM-WILDWOOD_138_867	861	138	501	553	678	25114	131
SLEIGHT__115_34_BK 1	BK 1	115	43	51	67	70523	17
SLEIGHT__115_34_BK 2	BK 2	115	43	51	67	70524	20
SLEIGHT_-CLYDE____115_971(3)	971(3)	115	152	166	175	26686	52
SMAHWAH__345_138_BK 258	258	345	441	516	559	25393	98
SMAHWAH_-RAMAPO____345_69	69	345	1601	2010	2268	25021	568
SMAHWAH_-RAMAPO____345_70	70	345	1822	2010	2552	25259	534

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
SPIERFLS-BUTLER___115_4-SFB	4-SFB	115	128	135	152	26136	32
SPIERFLS-MOHICAN___115_7	7	115	141	144	165	26435	28
SPIERFLS-QUEENSBRY_115_5-SFQ	5-SFQ	115	128	135	152	26141	44
SPIERFLS-TAPBROOK_115_1	1	115	238	238	238	25874	18
SPIERFLS-TAPBROOK_115_302	302	115	270	297	318	25873	23
SPRAINBROOK - SPRNBR49	R49REAC	345	755	978	1423	26725	645
SPRNBRK___345_138_BK N7	BK N7	345	382	451	472	25628	179
SPRNBRK___345_138_BK S6	BK S6	345	382	451	472	25625	149
SPRNBRK_-ACADEMY___345_M29	M29	345	536	775	1369	325756	301
SPRNBRK_-DUNWODIE_138_99941	99941	138	385	464	464	25245	149
SPRNBRK_-DUNWODIE_138_99942	99942	138	409	438	464	25246	179
SPRNBRK_-DUNWODIE_345_W75	W75	345	2849	3170	3640	25071	57
SPRNBRK_-EGRDNCTR_345_Y49	Y49	345	693	940	1360	25105	645
SPRNBRK_-TREMONT___345_X28	X28	345	542	725	1220	25175	351
SPRNBRK_-W49TH_ST_345_M51	M51	345	799	956	1543	25053	304
SPRNBRK_-W49TH_ST_345_M52	M52	345	799	956	1543	25223	304
ST_60_36-LOCKPORT_115_36-2	36-2	115	176	181	199	26049	24
ST_60_37-LOCKPORT_115_37-2	37-2	115	176	181	199	26048	25
STA_128_-STA_82___115_906	906	115	155	171	181	26303	24
STA_129_-GARDNVLB_115_39-2	39-2	115	168	181	209	26036	35
STA_135_-STA_230___115_929	929	115	282	298	313	325839	63
STA_154_-GARDNVLB_115_38-2	38-2	115	168	203	237	26039	39
STA_158_-STA_128___115_924	924	115	155	171	181	26654	20
STA_162_-S.PERRY___115_906- 7X	906-7X	115	143	157	167	25062	36
STA_162_-STA_158___115_924	924	115	155	171	181	26653	3
STA_204___115_34___BK 1	BK 1	115	56	67	112	70539	27
STA_204___115_34___BK 2	BK 2	115	56	67	112	70540	33
STA_204_-S42___115_911	911	115	321	359	436	26307	132
STA_23___-STA_33___115_901	901	115	92	111	137	70028	45
STA_230_-QUAKERRD_115_929	929	115	282	298	313	325840	57
STA_33___115_34___BK 1_2	BK 1_2	115	74	80	90	70541	44
STA_37___115_34___BK 8	BK 8	115	50	59	100	70542	30
STA_37___-STA_48___115_916-1	916-1	115	351	373	414	26314	44
STA_37___-STA_67___115_916-2	916-2	115	250	280	300	26313	74
STA_48___115_34___BK 6	BK 6	115	60	71	73	70544	18
STA_48___115_34___BK 9	BK 9	115	67	74	112	70543	18
STA_67___-ROCHESRG_115_922	922	115	343	391	416	26321	136
STA_67___-STA_82___115_903	903	115	343	416	433	26322	54
STA_82___-MORTIMER_115_7X8272	7X8272	115	337	414	460	25098	113
STA_82___-ROCHESRG_115_904	904	115	608	657	657	25081	220
STA_82___-ROCHESRG_115_905	905	115	608	657	657	26305	205
STA_82___-STA_33___115_902	902	115	225	239	239	70058	51
STATE_ST-WRGHTAVE_115_976	976	115	231	239	239	26200	27
STERLING-RULAND___138_663	663	138	245	304	338	26498	96
STJHNVLE-MARSHVLE_115_11	11	115	159	159	159	26127	30
STLAWRNC_230A_230C_PS 33	PS 33	230	285	298	363	25118	0
STLAWRNC_230B_230D_PS 34	PS 34	230	356	375	525	25119	0

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
STOLLERD_345_115_BK 3	BK 3	345	333	378	420	25461	38
STOLLERD_345_115_BK 4	BK 4	345	341	390	420	25462	38
STOLLERD-HISHELDN_230_67	67	230	506	556	603	25064	269
STONER_-ROTTDAM_115_12-SR	12-SR	115	141	144	165	25680	4
STONYRDG_230_115_BK1	BK1	230	291	336	336	325811	98
STONYRDG-HILLSIDE_230_72	72	230	610	669	737	325810	157
SUGRLOAF_115_69_BK 6108	BK 6108	115	189	222	250	26333	99
SUGRLOAF_138_69_BK 7108	BK 7108	138	192	226	253	25891	12
SUGRLOAF-RAMAPOOR_138_26	26	138	314	343	356	25326	57
SULLVNP-K-STONYRDG_115_712	712	115	277	320	320	325809	97
SUNY_77_-GARDNVLB_230_79-1	79-1	230	691	760	790	25165	335
SUNY_BUF-GARDNVLB_230_80	80-1	230	691	760	848	25196	333
SWAGTN_E-BALLSTNE_115_1	1	115	238	238	238	26125	71
SWAGTN_W-BALLSTNW_115_2	2	115	238	238	238	26124	75
SWANROAD-LOCKPORT_115_103-1	103-1	115	211	217	242	26051	0
SWANROAD-LOCKPORT_115_104-2	104-2	115	199	199	199	26050	95
SWEDEN_A-MORTIMER_115_111-2	111-2	115	129	149	153	25347	41
SWEDEN_B-MORTIMER_115_113-2	113-2	115	129	149	153	25348	35
SYLVANLK-PAWLING_115_990	990	115	179	179	179	26156	82
SYOSSET_138_69_BK 5	BK 5	138	272	335	446	26565	66
SYOSSET_-LOCUSTGR_138_559	559	138	555	590	678	25904	181
TALLMAN_-MONSEY_138_602	602	138	456	478	500	325609	134
TAYLORVL-BULYMO_115_6	6	115	127	127	127	26070	33
TAYLORVL-LOWVILLE_115_5-TL	5-TL	115	128	135	140	26107	40
TEALLAVE-ASH_115_7-TA	7-TA	115	123	148	148	26063	33
TEALLAVE-ASH_115_8-AT	8-AT	115	123	148	148	26117	33
TEALLAVE-BM_CC_GM_115_6	6	115	227	239	239	26154	67
TEALLAVE-ONEIDA_115_2-OT	2-OT	115	141	144	159	25895	52
TEALLAVE-PETERBOR_115_5	5	115	141	144	165	325164	62
TELGRAPH_115_34_114 _BK 2	BK 2	115	66	79	79	26509	20
TELGRAPH_115_34_115 _BK 1	BK 1	115	66	79	79	26013	26
TELGRAPH-MORTIMER_115_114-2	114-2	115	129	149	153	25349	52
TELGRAPH-N.AKRN_1_115_107-2	107-2	115	217	217	217	26508	51
TEMPLE_-PEAT ST_115_10-TP	10-TP	115	145	176	179	26715	58
TICONDRG-REPUBLIC_115_914(2)	914(2)	115	102	113	125	26470	8
TILDEN_-DEWITT_115_19-TD	19-TD	115	222	234	239	26092	31
TREMONT_138A_138B_BK 11	BK 11	138	271	329	377	25649	175
TREMONT_138C_138D_BK 12	BK 12	138	271	329	377	25650	175
TREMONT_345_138_BK 11	BK 11	345	299	350	407	25473	175
TREMONT_345_138_BK 12	BK 12	138	299	350	407	25474	175
TRINITY_-RIVERSDE_115_19	19	115	214	256	311	26492	62
TULLERHL-CLRKSCRN_115_1-716	1-716	115	156	170	181	26192	28
VALKIN_-FT._ORAN_115_15	15	115	159	159	159	325685	95
VALLEY_-FAIRFIEL_115_12	12	115	141	144	159	325743	45
VALLYSTR_138A_138B_PAR	B_PAR	138	366	450	450	25607	105
VALLYSTR-BARRETT_138_291	291	138	261	334	434	25312	55
VALLYSTR-BARRETT_138_292	292	138	261	334	434	25313	54

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
VALLYSTR-EGRDNCTY_138_262	262	138	189	263	458	25244	229
VERNON_-GREENWD_138_31231	31231	138	195	249	310	25337	13
VERNON_-KENTAVE_138_31232-1	31232-1	138	195	249	310	26123	36
VINGR_TP-VINEGAR_115_917 TAP	917 TAP	115	149	172	215	26455	8
VOLNEY_-CLAY_345_6-CV	6-CV	345	1431	1605	1881	25198	497
VOLNEY_-MARCY_345_19	19	345	1434	1793	2297	25345	739
VRNON VT-FITZWILL_345_379	379	345	896	896	896	26388	162
VT YANK_-VRNON VT_345_3340	3340	345	1266	1266	1434	25717	291
W.NYACK_138_69_BK 221	BK 221	138	212	281	319	26334	60
W.NYACK_-SNKEHLRD_138_562	563	138	212	281	317	325906	60
W_ERIAVE-SULLVNPK_115_711	711	115	299	327	360	325808	77
W49TH_ST-E13THSTA_345_M54	M54	345	772	1009	1575	25228	64
W49TH_ST-E13THSTA_345_M55	M55	345	772	1009	1575	25222	63
WADNGRIV-NSHORBCH_138_878	878	138	555	590	678	325642	31
WADNGRIV-SHOREHAM_138_891	891	138	501	553	678	25342	31
WALDEN_-DEPEW_TP_115_54-2	54-2	115	168	212	239	26024	14
WALDEN_-WALDN_A2_115_BK 1	BK 1	115	44	44	51	25429	9
WALDWICK_345_230_BK1	BK1	345	622	763	850	25479	338
WALDWICK_345_230_BK2	BK2	345	630	768	841	25480	338
WALDWICK_345_230_BK3	BK3	345	690	852	952	25481	327
WALDWICK-FAIRLAWN_230_02267	02267	230	434	576	862	25489	345
WALDWICK-HILLSDAL_230_F2258	F2258	230	448	583	859	25487	331
WALDWICK-HINCHMAN_230_E2257-1	E2257-1	230	448	583	859	25488	326
WALDWICK-SMAHWAH_345_J3410	J3410	345	743	1094	1974	25032	470
WALDWICK-SMAHWAH_345_K3411	K3411	345	746	1093	1975	25039	534
WARREN_-FALCONER_115_171	171	115	133	133	153	25015	17
WATKINRD-INGHAM_C_115_2-WI	2-WI	115	141	144	159	25805	53
WATRCURE_345_230_BK 1	BK 1	345	494	590	600	25402	229
WATRCURE-OAKDALE_230_71	71	230	318	435	440	25179	67
WATRCURE-OAKDALE_345_31	31	345	1076	1076	1076	25178	146
WETHSRFD-MEYER_230_85	85	230	506	556	603	325623	300
WHAVSTOR-LOVETT_138_53	53	138	282	309	321	25884	11
WHAVSTOR-LOVETT_138_54	54	138	282	309	321	25885	17
WHAVSTRW_345_138_BK 194	BK 194	345	451	546	619	25447	161
WHITEHAL-COMSTKNM_115_13	13	115	141	144	159	25903	17
WHITEHAL-TICONDRG_115_3	3	115	141	144	159	26471	22
WICCOPEE-SHENDOAH_115_FS	FS	115	243	260	282	325773	16
WILDWOOD_138_69_BK 4	BK 4	138	272	335	446	26550	90
WILDWOOD-RIVRHEAD_138_890	890	138	370	392	434	25905	110
WILLET_-ENORWICH_115_945-1	945-1	115	133	149	162	25732	73
WILLIS_230_115_BK 1	BK 1	230	172	201	225	25388	54
WILLIS_230_115_BK 2	BK 2	230	172	201	225	25390	54
WILLIS_-BRNSVLE_115_911	911	115	149	171	184	26204	24
WILLIS_-PATNODE_230_WPN-1	WPN-1	230	478	478	569	325565	17
WILLIS_-RYAN_230_WRY-2	WRY-2	230	478	478	569	325566	22
WILLWBRK-FRESHKLS_138_29211-2	29211-2	138	207	275	450	25319	153
WILLWBRK-FRESHKLS_138_29212-2	29212-2	138	207	275	450	25320	156

WINTER ONLINE RATINGS (MW)

EQUIPMENT NAME	LINE ID	KV	NOR	LTE	STE	PTID	MW FLOW
WOLF_RD_-MENANDS__115_10	10	115	128	135	152	26255	34
WOOD_ST__345_115_BK 1	BK 1	345	350	400	420	25437	123
WOOD_ST__345_115_BK 2	BK 2	345	358	412	420	25438	103
WOOD_ST_-AMAWALK__115_996	996	115	261	287	311	25574	69
WOOD_ST_-MILLWOOD_345_W80	W80	345	1976	2387	2895	25148	555
WOOD_ST_-PLSNTVLE_345_Y87	Y87	345	2103	2282	2542	25132	660
WOODARD_-ELBRIDGE_115_4	4	115	190	208	221	325316	11
WOODLAWN-STATE_CA_115_12	12	115	148	166	166	26490	3
WRGHTAVE-MILLIKEN_115_973	973	115	231	260	286	26195	7
WYNTKLMN-REYNOLDS_115_13-WR	13-WR	115	227	248	268	26143	74
YAHNUNDA-EDIC_PTR_115_3	3	115	141	144	159	26515	48
ZIMMERM1-HUNTLEY__115_130-1	130-1	115	211	217	239	26043	95
ZIMMERM2-HUNTLEY__115_133-2	133-2	115	211	217	239	26042	112

This page is intentionally left blank

APPENDIX E

INTERFACE DEFINITIONS

This page is intentionally left blank

NYISO OPERATING INTERFACES & OASIS TRANSMISSION PATHS

DYSINGER EAST		
<i>West (Zone A) – Genesee (Zone B)</i>		
Name	Line ID	Voltage (kV)
*Somerset-Rochester (Station 80)	SR1-39	345
Niagara-Rochester*	NR2	345
*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*	PC1	345
Pannell Rd-Clay*	PC2	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			
Mohawk Valley (Zone E) – Capital (Zone F)			
	Name	Line ID	Voltage (kV)
	Edic-New Scotland*	14	345
	Marcy-New Scotland*	18	345
	*Fraser-Gilboa	35	345
	Porter-Rotterdam*	30	230
	Porter-Rotterdam*	31	230
	East Springfield - Inghams*	942	115
	Inghams PAR	PAR	115
	Inghams Bus Tie	R81	115
Mohawk Valley (Zone E) – Hudson Valley (Zone G)			
	Coopers-Middletown*	CCRT-34	345
	Coopers-Rock Tavern*	CCRT-42	345
	West Woodbourne*115/69	T152	115/69
North (Zone D) – ISONE (Zone N)			
	*Plattsburgh-Grand Isle	PV20	115
PJM East (Zone P) – Hudson Valley (Zone G)			
	Branchburg-Ramapo*	5018	500
	*Waldwick- S.Mahwah	J3410	345
	*Waldwick-S.Mahwah	K3411	345
PJM East (Zone P) – NYC (Zone J)			
	Hudson-Farragut*	C3403	345
	Hudson-Farragut*	B3402	345
	Linden-Goethals*	A2253	230
PJM (Rockland Electric) – Hudson Valley (Zone G)			
	*Cresskill – Sparkill	751	69
	*Harings Corners – W. Nyack	701	69
	*Harings Corners – Corporate Drive	703	138
	*Montvale – Bluehill	44	69
	*Montvale – Bluehill	43	69
	*Montvale – Pearl River	491	69
	*Harings Corners – Pearl River	45	34
	*S. Mahwah – Ramapo	51	138
	*S. Mahwah - Hilburn	65	69
	S. Mahwah 138/345	BK258	138/345

* indicates the metered end of circuit

MOSES SOUTH			
<i>North (Zone D) – Mohawk Valley (Zone E)</i>			
Name	Line ID	Voltage (kV)	
*Massena-Marcy	MSU1	765	
*Moses-Adirondack	MA1	230	
*Moses-Adirondack	MA2	230	
*Dennison-Colton	4	115	
*Dennison-Colton	5	115	
*Alcoa-N. Ogdensburg	13	115	
Malone-Colton*	3	115	

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

SPRAIN BROOK-DUNWOODIE SOUTH			
Dunwoodie (Zone I) – NYC (Zone J)			
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
Long Island (Zone K) – NYC (Zone J)			
*Lake Success-Jamaica		903	138
*Valley Stream-Jamaica		901L/M	138

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

* indicates the metered end of circuit

NYISO-ISON		
<i>North (Zone D) – ISON (Zone N)</i>		
Name	Line ID	Voltage (kV)
*Plattsburgh-Grand Isle	PV20	115
<i>Capital (Zone F) – ISON (Zone N)</i>		
*Alps-Berkshire	393	345
Rotterdam-Bear Swamp*	E205W	230
*Hoosick -Bennington	K6	115
*Whitehall-Blissville	K7	115
<i>Hudson Valley (Zone G) – ISON (Zone N)</i>		
*Pleasant Valley-Long Mountain	398	345
*Smithfield-Salisbury	690	69

IESO (Ontario)-NYISO		
<i>Ontario East (Zone O) – North (Zone D)</i>		
Name	Line ID	Voltage (kV)
St. Lawrence-Moses*	L33P	230
St. Lawrence-Moses*	L34P	230
<i>Ontario South (Zone O) – West (Zone A)</i>		
Beck-Niagara*	PA301	345
Beck-Niagara*	PA302	345
Beck-Niagara*	PA27	230
*Beck-Packard	BP76	230
*Beck-Swan Rd.	BL104	115

* indicates the metered end of circuit

PJM-NYISO		
<i>PJM East (Zone P) – NYC (Zone J)</i>		
Name	Line ID	Voltage (kV)
Hudson-Farragut*	C3403	345
Hudson-Farragut*	B3402	345
Linden-Goethals*	A2253	230
<i>PJM West – Central (Zone C)</i>		
*Homer City-Watercure	30	345
E. Towanda-Hillside*	70	230
Laurel Lake-Goudey*	952	115
*E. Sayre-N. Waverly	956	115
<i>PJM West – West (Zone A)</i>		
*Homer City-Stolle Rd	37	345
Erie East - South Ripley*	69	230
*Warren-Falconer	171	115
<i>PJM East (Zone P) – Hudson Valley (Zone G)</i>		
Branchburg-Ramapo*	5018	500
*Waldwick-S.Mahwah	J3410	345
*Waldwick-S.Mahwah	K3411	345
<i>PJM (Rockland Electric) – Hudson Valley (Zone G)</i>		
*Cresskill – Sparkill	751	69
*Harings Corners – W. Nyack	701	69
*Harings Corners – Corporate Dr.	703	138
*Montvale-Bluehill	44	69
*Montvale-Bluehill	43	69
*Montvale – Pearl River	491	69
*Harings Corners – Pearl River	45	34.5
*S. Mahwah – Ramapo	51	138
*S. Mahwah - Hillburn	65	69
S. Mahwah 138/345	BK258	138/345

* indicates the metered end of circuit

This page is intentionally left blank

APPENDIX F

ANNOTATED MUST OUTPUT

This Section Is Available
Electronically If Requested

This page is intentionally left blank

APPENDIX G

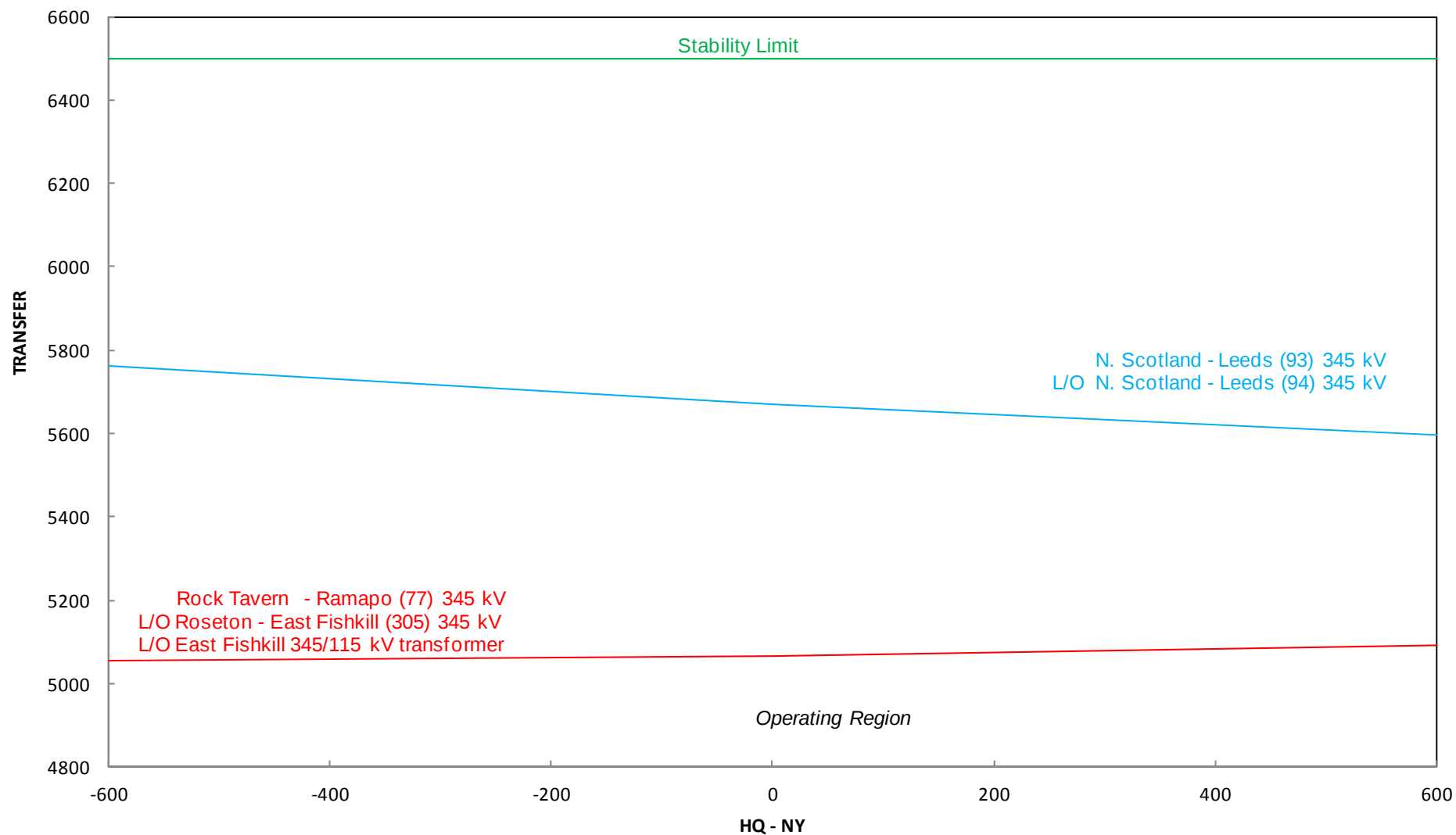
TRANSFER LIMIT SENSITIVITY GRAPHS

This page is intentionally left blank

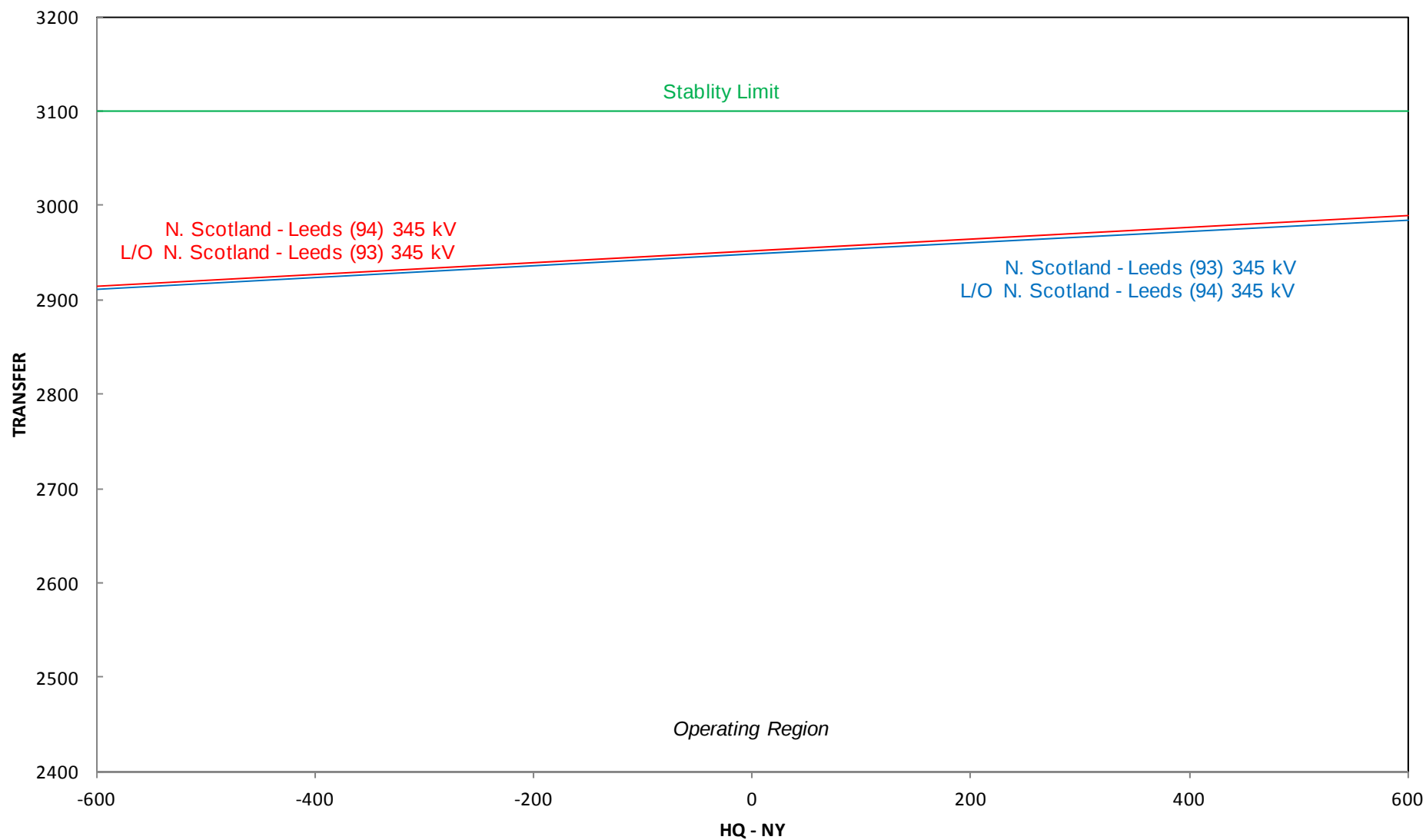
INDEX

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

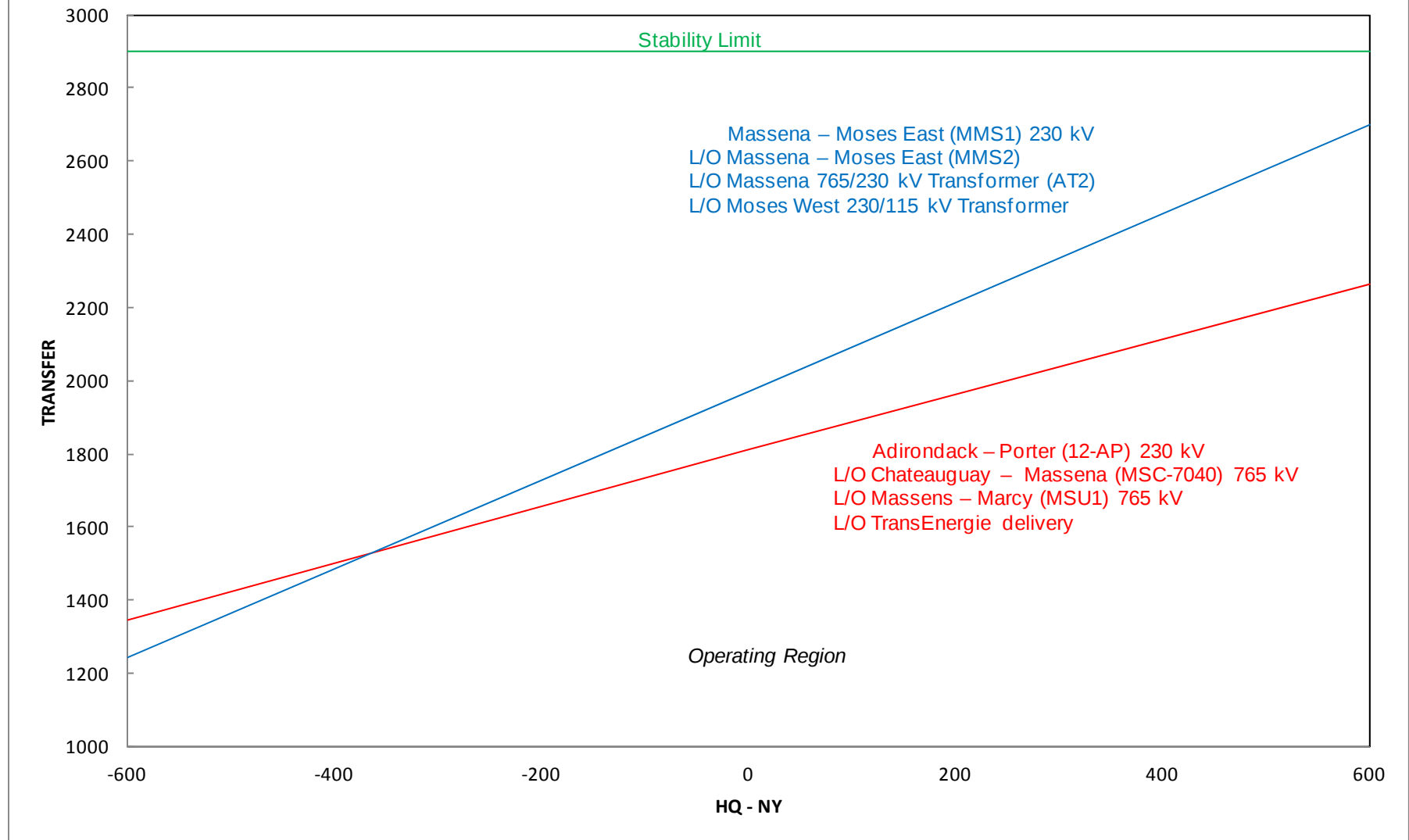
Total East vs. HQ Export to New York
For Normal Transfer Criteria
Winter 2013-14



Central East vs. HQ Export to New York For Normal Transfer Criteria Winter 2013-14



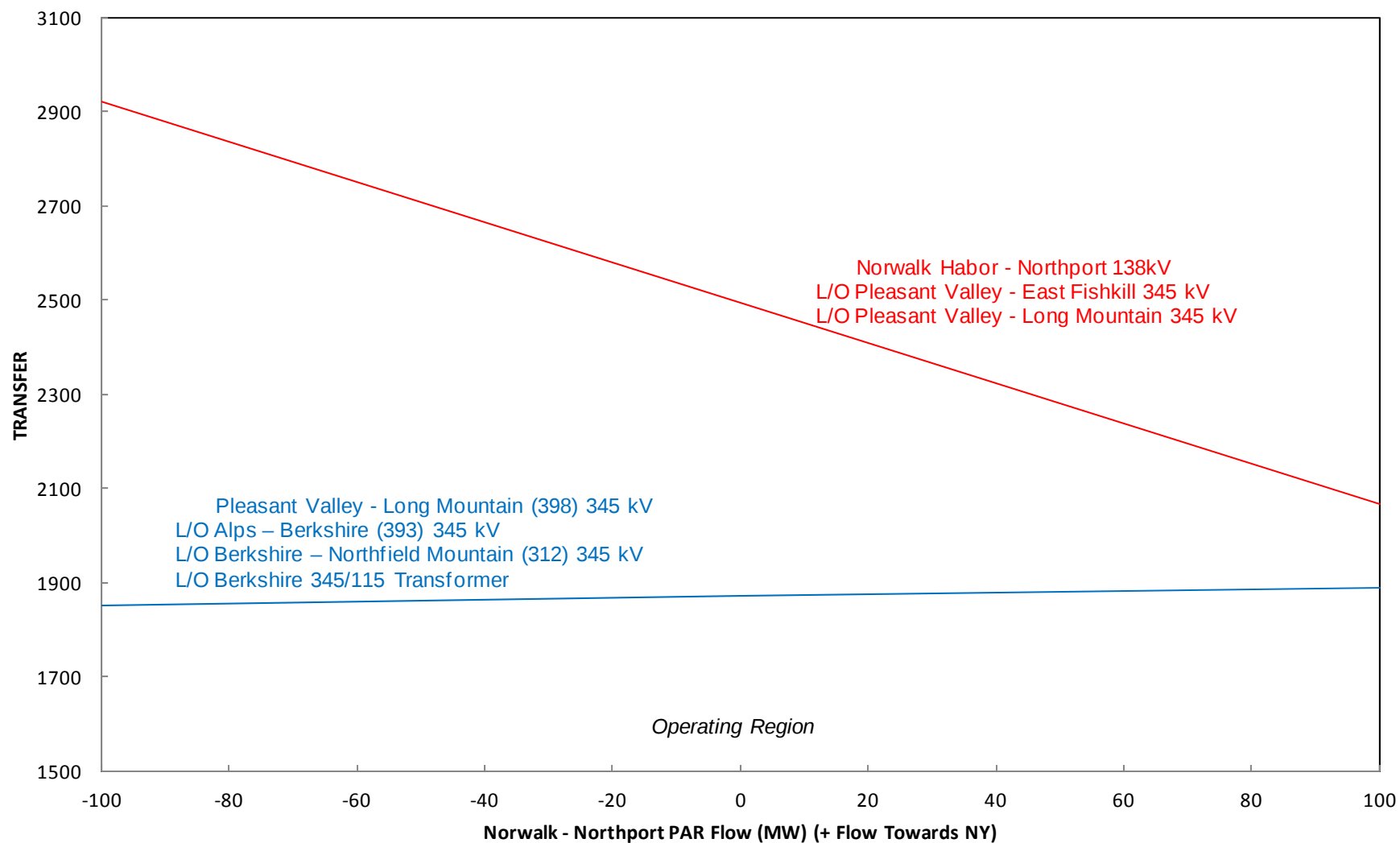
Moses South vs. HQ Export to New York For Normal Transfer Criteria Winter 2013-14



NE-NY vs. NORWALK-NORTHPORT PAR Flow

For Normal Transfer Criteria

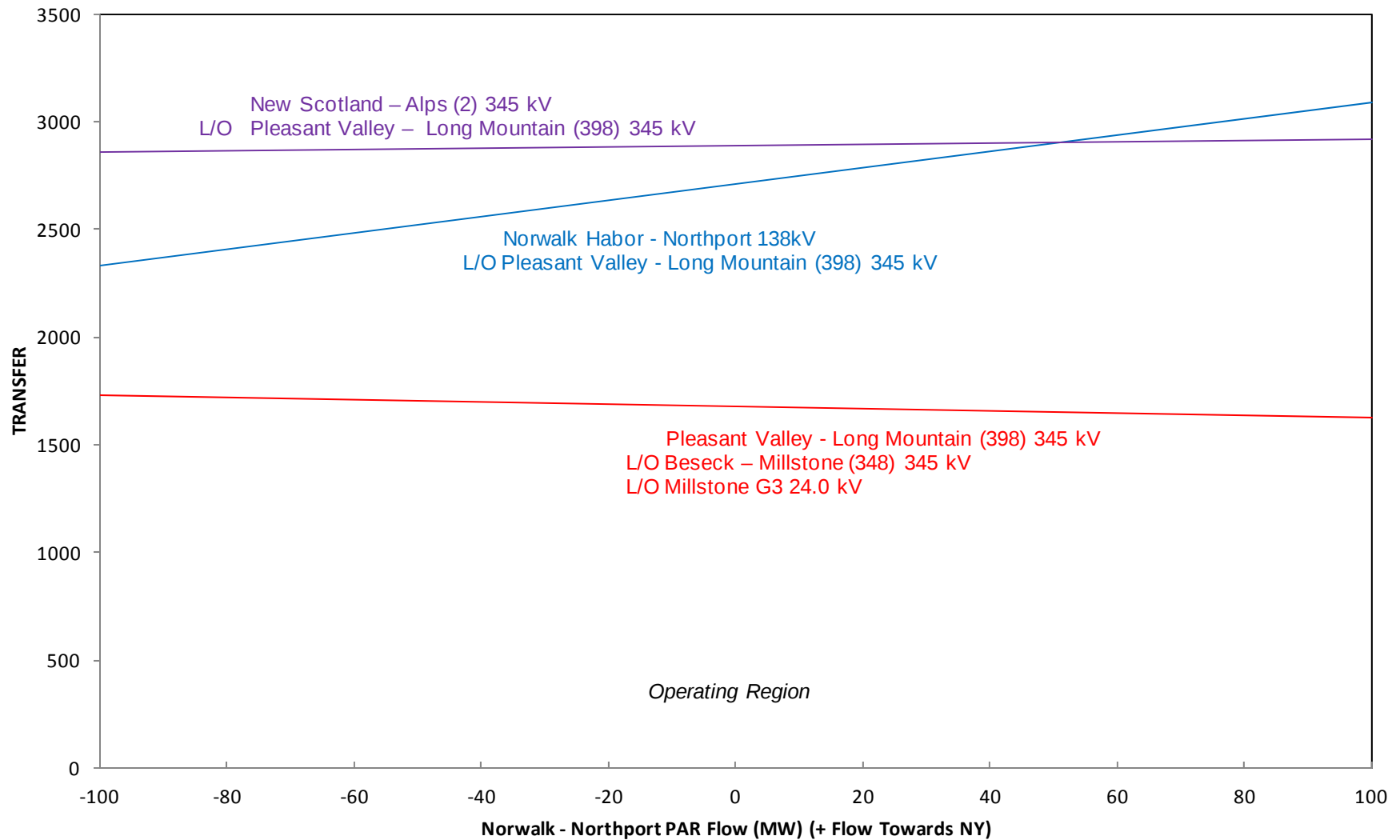
Winter 2013-14



NY-NE vs. NORWALK-NORTHPORT PAR Flow

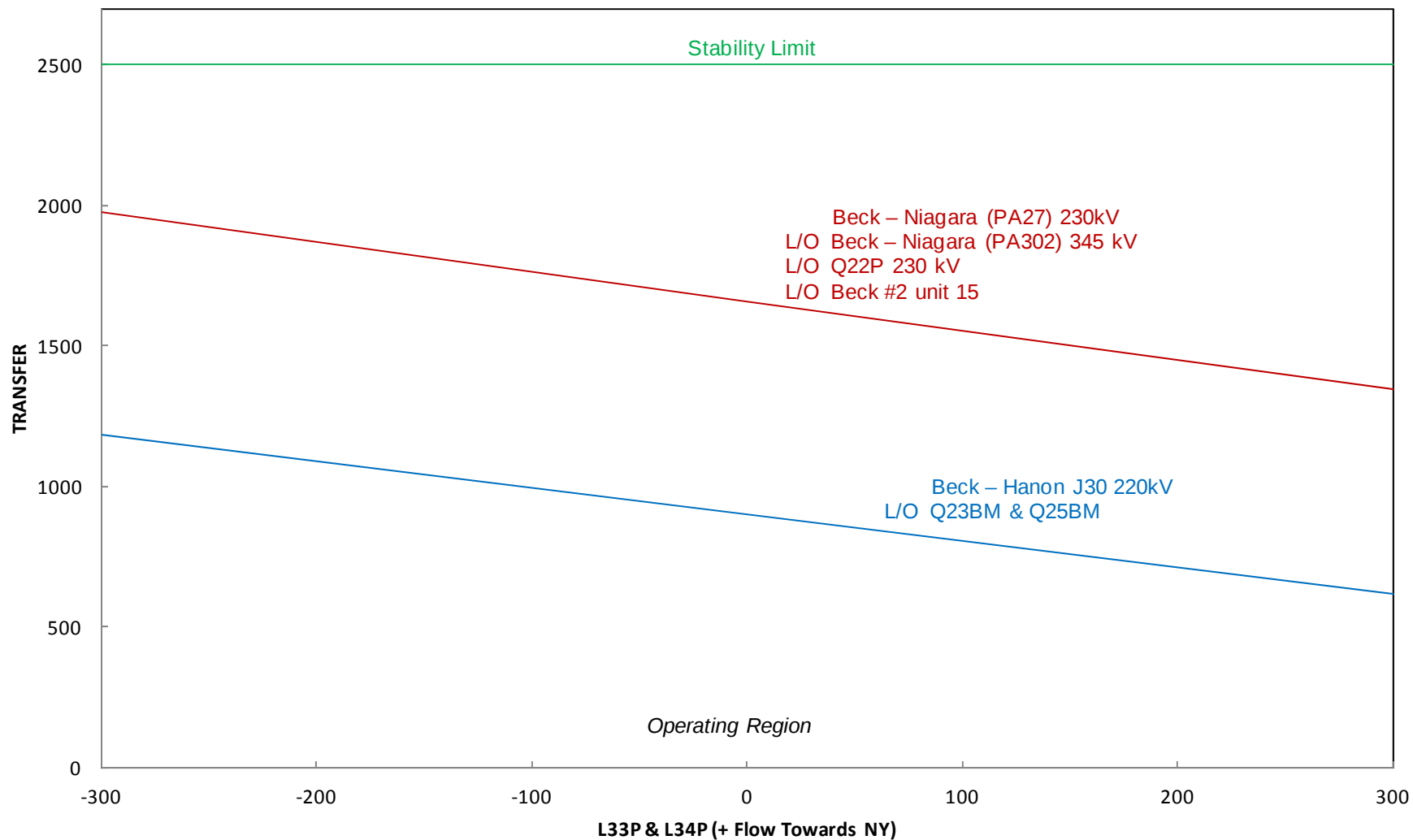
For Normal Transfer Criteria

Winter 2013-14



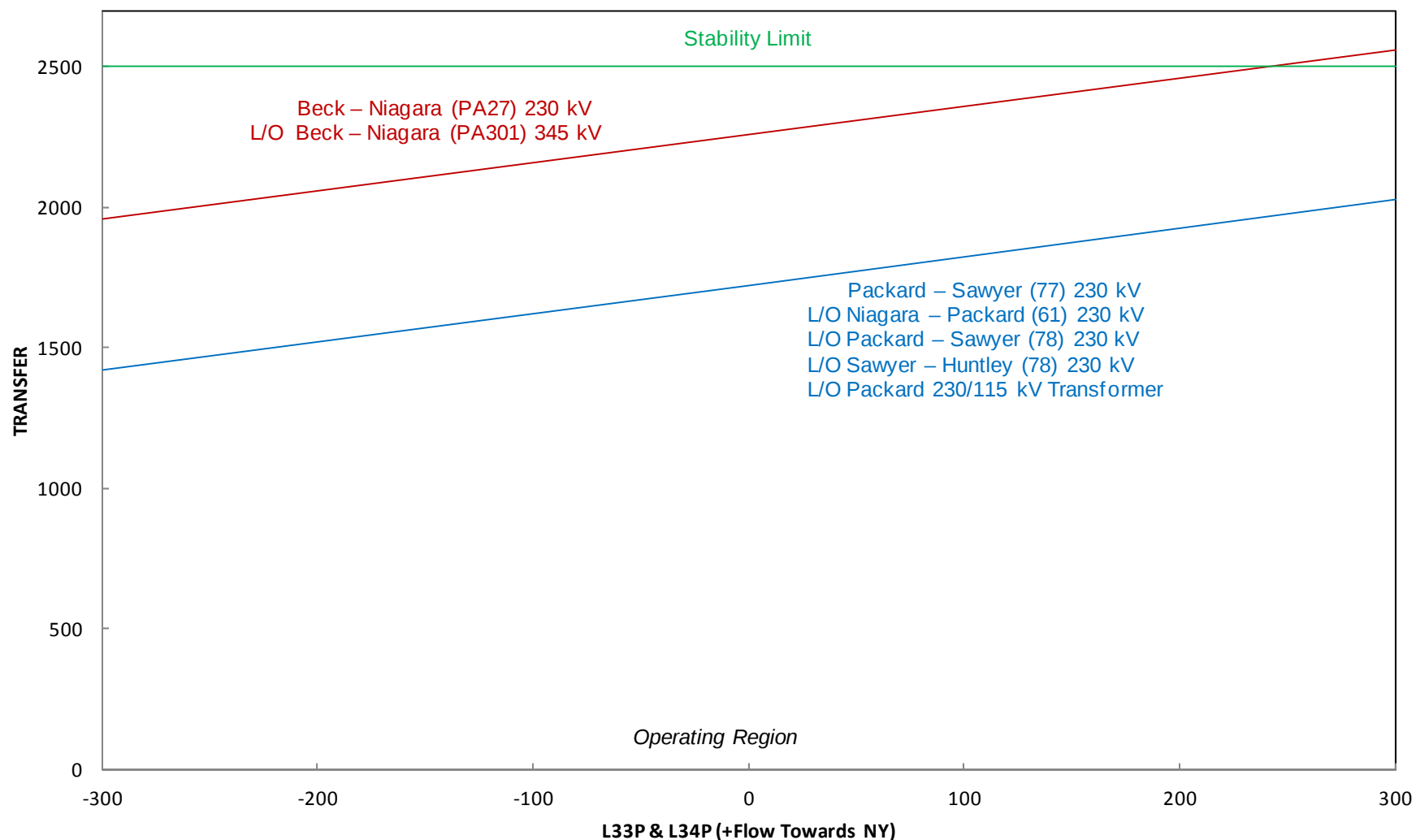
NY - IESO (Ontario) Transfer vs. L33P & L34P

For Normal Transfer Criteria
Winter 2013-14 with BP76 I/S



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

For Normal Transfer Criteria
Winter 2013-14 with BP76 I/S



This page is intentionally left blank

APPENDIX H

COMPARISON OF TRANSFER LIMITS WINTER 2013-14 vs. WINTER 2012-13

This page is intentionally left blank

Comparison of Winter 2013-14 to Winter 2012-13 Thermal Limits

		WINTER 2013-14		WINTER 2012-13		
Interface		Limit (MW)	Contingency	Limit (MW)	Contingency	Delta
Dysinger East	Normal	3050	1	3225	2	-175
	Emergency	3300	3	3475	4	-175
West Central	Normal	2150	1	2250	2	-100
	Emergency	2400	3	2525	4	-125
UPNY - ConEd	Normal	4625	5	4750	5	-125
	Emergency	5075	6	5175	6	-100
Sprain Brook Dunwoodie-South	Normal	4025	7	3850	8	175
	Emergency	4125	9	4150	10	-25
Con Ed - LIPA	Normal	925	11	925	11	0
	Emergency	1525	12	1525	12	0
Central East	MSC-7040 FLOW	HQ -> NY	600 MW	HQ -> NY	600 MW	
	Normal	2975	13	2950	13	25
	Emergency	3350	14	3300	14	50
	MSC-7040 FLOW	0 MW		0 MW		
	Normal	2925	13	2900	13	25
	Emergency	3300	14	3275	14	25
	MSC-7040 FLOW	NY -> HQ	600 MW	NY -> HQ	600 MW	
	Normal	2900	13	2875	13	25
	Emergency	3275	14	3225	14	50
Total East ¹	MSC-7040 FLOW	HQ -> NY	600 MW	HQ -> NY	600 MW	
	Normal	5075	15	5075	15	0
	Emergency	6125	16	6350	16	-225
	MSC-7040 FLOW	0 MW		0 MW		
	Normal	5050	15	5050	15	0
	Emergency	6100	16	6350	17	-250
	MSC-7040 FLOW	NY -> HQ	600 MW	NY -> HQ	600 MW	
	Normal	5050	15	5025	15	25
	Emergency	6075	16	6325	17	-250
Moses - South	MSC-7040 FLOW	HQ -> NY	600 MW	HQ -> NY	600 MW	
	Normal	2250	18	2100	19	150
	Emergency	2925	20	2325	21	600
	MSC-7040 FLOW	0 MW		0 MW		
	Normal	1800	18	1425	19	375
	Emergency	2200	20	1600	21	600
	MSC-7040 FLOW	NY -> HQ	600 MW	NY -> HQ	600 MW	
	Normal	1225	22	775	23	450
	Emergency	1475	20	875	21	600

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

NYISO WINTER 2013-14 CROSS-STATE THERMAL LIMIT CONTINGENCY LIST

	Limiting Element				Contingency
(1)	Huntley – Sawyer (80) 230 kV	@LTE	760 MW	L/O	Huntley – Sawyer (79) 230 kV
(2)	Niagara – Rochester (NR2) 345kV	@LTE	1745 MW	L/O	AES/Somerset – Rochester (SR1-39) 345kV
(3)	Wethersfield – Meyer (85) 230 kV	@NORM	506 MW		Pre – Contingency Loading
(4)	Niagara – Rochester (NR2) 345kV	@STE	1904 MW	L/O	AES/Somerset – Rochester (SR1-39) 345kV
(5)	Leeds – Pleasant Valley (92) 345kV	@LTE	1783 MW	L/O	Athens – Pleasant Valley (91) 345kV
(6)	Leeds – Pleasant Valley (92) 345kV	@STE	1912 MW	L/O	Athens – Pleasant Valley (91) 345kV
(7)	Dunwoodie – Mott Haven (71) 345kV	@SCUC	1084 MW	L/O	Dunwoodie – Mott Haven (72) 345kV
(8)	Dunwoodie – Mott Haven (71) 345kV	@SCUC	977 MW	L/O	Dunwoodie – Mott Haven (72) 345kV
(9)	Dunwoodie – Mott Haven (71) 345kV	@NORM	741 MW		Pre – Contingency Loading
(10)	Dunwoodie – Mott Haven (71) 345kV	@STE	1125 MW	L/O	Dunwoodie – Mott Haven (72) 345kV
(11)	Dunwoodie – Shore Rd. (Y50) 345kV	@LTE	959 MW	L/O	Sprain Brook – E.G.C. (Y49) 345kV Sprain Brook – Academy (M29) 345 kV
(12)	Dunwoodie – Shore Rd. (Y50) 345 kV	@NORM	721 MW		Pre – Contingency Loading
(13)	New Scotland – Leeds (93-LN) 345kV	@LTE	1692 MW	L/O	New Scotland – Leeds (94-LN) 345kV
(14)	New Scotland – Leeds (93-LN) 345kV	@STE	1912 MW	L/O	New Scotland – Leeds (94-LN) 345kV
(15)	Rock Tavern – Ramapo (77) 345 kV	@LTE	2010 MW	L/O	Roseton – East Fishkill (305) 345 kV East Fishkill 345/115 kV Transformer
(16)	Rock Tavern – Ramapo (77) 345 kV	@STE	2271 MW	L/O	Roseton – East Fishkill (305) 345 kV
(17)	Rock Tavern – Ramapo (77) 345 kV	@STE	2390 MW	L/O	Roseton – East Fishkill (305) 345 kV
(18)	Adirondack – Porter (12-AP) 230 kV	@LTE	478 MW	L/O	Chateaugay – Massena (MSC-7040) 765 kV Massena – Marcy (MSU1) 765 kV and TransÉnergie delivery
(19)	Massena – Moses East (MMS1) 230 kV	@LTE	1254 MW	L/O	Chases Lake – Porter (11) 230 kV Adirondack – Porter (12) 230 kV
(20)	Massena – Moses East (MMS1 or MMS2) 230 kV	@STE	1404 MW	L/O	Massena – Moses East (MMS2 or MMS1) 230 kV
(21)	Massena – Moses East (MMS1) 230 kV	@NORM	1076 MW		Pre – Contingency Loading

	Limiting Element				Contingency
(22)	Massena – Moses East (MMS1) 230 kV	@LTE	1254 MW	L/O	Massena – Moses East (MMS2) 230 kV Massena 765/230 kV Transformer (AT2) Moses West 230/115 kV Transformer
(23)	Massena – Moses East (MMS1) 230 kV	@LTE	1254 MW	L/O	Edic – Marcy (UE1-7) 345 kV Volney – Marcy (19) 345 kV

This page is intentionally left blank

APPENDIX I

GENERATION SHIFTS ASSUMED FOR THERMAL ANALYSIS

This page is intentionally left blank

GENERATION PARTICIPATION FOR THERMAL ANALYSIS

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->			
<- GENERATOR MW-->					<----- GENERATOR MW ---->			
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE	
DYSINGER EAST, WEST CENTRAL								
155715 LENNOX_GS-4	5.0	25.0	20.0	126340 KEYS PG-1	112.7	109.2	-3.5	
156673 PICK_A_GS-1	5.0	25.0	20.0	126652 RAV 3	914.0	879.0	-35.0	
158740 NANTICOKE_G5	0.0	20.0	20.0	126654 AST 3	200.0	194.0	-6.0	
160704 LAMBTON_GS-3	0.0	20.0	20.0	126656 AST 5	132.3	130.3	-2.0	
160705 LAMBTON_GS-4	0.0	20.0	20.0	126658 RAV 2	252.8	246.8	-6.0	
				126660 COGENGT2	59.0	57.5	-1.5	
				126661 COGENGT3	59.0	57.5	-1.5	
				126662 COGENGT4	59.0	57.0	-2.0	
				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	103.5	100.5	-3.0	
				126710 SCS18-G5	103.5	100.5	-3.0	
				126711 SCS18-G6	180.0	173.5	-6.5	
				128901 BARETG2	141.6	140.1	-1.5	
				129025 NRTPTG2	147.3	145.3	-2.0	
				129026 NRTPTG3	147.3	145.3	-2.0	
				129027 NRTPTG4	147.3	145.3	-2.0	
				129071 CAITH-GT	121.9	116.4	-5.5	
				148708 Q308_GT1	125.0	123.0	-2.0	
				148709 Q308_GT2	125.0	123.0	-2.0	
				148710 Q308_ST	150.0	143.0	-7.0	
UPNY - CONED								
158740 NANTICOKE_G5	0.0	20.0	20.0	126251 ER G6	94.5	92.5	-2.0	
160704 LAMBTON_GS-3	0.0	20.0	20.0	126340 KEYS PG-1	112.7	107.7	-5.0	
136702 OSWGO 5G	285.4	308.4	23.0	126341 KEYS PST1	65.2	62.7	-2.5	
136703 OSWGO 6G	0.0	27.0	27.0	126650 AK 3	241.0	237.0	-4.0	
147763 MOS17-18	65.2	66.7	1.5	126652 RAV 3	564.0	545.5	-18.5	
147808 ALTONA_GE_G1	29.3	30.8	1.5	126654 AST 3	200.0	195.0	-5.0	
147855 CHATG_GE_G1	31.9	34.0	2.0	126656 AST 5	105.6	104.6	-1.0	
148706 MRBLRV1_8G	64.6	69.6	5.0	126657 RAV 1	251.9	243.9	-8.0	
				126658 RAV 2	252.8	244.8	-8.0	
				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	
				126665 COGENST2	66.9	64.9	-2.0	
				126692 SCS18-G4	103.5	101.0	-2.5	
				126710 SCS18-G5	103.5	101.5	-2.0	
				126711 SCS18-G6	180.0	174.0	-6.0	
				129025 NRTPTG2	147.3	145.3	-2.0	
				129026 NRTPTG3	147.3	145.3	-2.0	
				129027 NRTPTG4	147.3	145.3	-2.0	

GENERATION PARTICIPATION FOR INTERFACES

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<--- GENERATOR MW-->					<----- GENERATOR MW --->				
BUS NAME	BASE	SHIFT	CHANGE		BUS NAME	BASE	SHIFT	CHANGE	
					129071 CAITH-GT	121.9	117.9	-4.0	
					129072 CAITH-ST	102.5	99.5	-3.0	
					147788 POLETGT2	95.0	92.0	-3.0	
					147789 POLETSTG	102.1	98.1	-4.0	
					147790 POLETGT1	95.0	91.5	-3.5	
SPRAIN BROOK DUNWOODIE - SOUTH									
158740 NANTICOKE_G5	0.0	20.0	20.0		126340 KEYSPG-1	112.7	108.7	-4.0	
160704 LAMBTON_GS-3	0.0	20.0	20.0		126341 KEYSPST1	65.2	63.2	-2.0	
136702 OSWGO 5G	285.4	307.4	22.0		126650 AK 3	241.0	238.0	-3.0	
136703 OSWGO 6G	0.0	28.0	28.0		126652 RAV 3	914.0	883.0	-31.0	
147763 MOS17-18	65.5	66.5	1.0		126654 AST 3	200.0	195.0	-5.0	
147855 CHATG_GE_G1	31.9	35.0	3.0		126657 RAV 1	251.9	244.9	-7.0	
148706 MRBLRV1_8G	64.6	70.6	6.0		126658 RAV 2	252.8	245.8	-7.0	
					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	
					126692 SCS18-G4	103.5	101.0	-2.5	
					126710 SCS18-G5	103.5	101.0	-2.5	
					126711 SCS18-G6	180.0	175.0	-5.0	
					147788 POLETGT2	95.0	92.0	-3.0	
					147789 POLETSTG	102.1	98.1	-4.0	
					147790 POLETGT1	95.0	92.0	-3.0	
					148708 Q308_GT1	125.0	121.0	-4.0	
					148709 Q308_GT2	125.0	121.0	-4.0	
					148710 Q308_ST	150.0	145.0	-5.0	
CONED - LIPA									
126650 AK 3	241.0	271.0	30.0		128901 BARETG2	141.6	128.6	-13.0	
126653 AK 2	0.0	10.0	10.0		128918 FRPT-GT1	40.2	37.2	-3.0	
126659 COGENGT1	0.0	5.0	5.0		128963 HEMP RR	55.3	48.3	-7.0	
126660 COGENGT2	59.0	64.0	5.0		129025 NRTPTG2	147.3	141.3	-6.0	
126661 COGENGT3	59.0	64.0	5.0		129026 NRTPTG3	147.3	141.3	-6.0	
126662 COGENGT4	59.0	64.0	5.0		129027 NRTPTG4	147.3	141.3	-6.0	
126664 COGENST1	66.9	71.9	5.0		129053 PLWN_CC	40.2	37.2	-3.0	
126665 COGENST2	66.9	71.9	5.0		129071 CAITH-GT	121.9	106.9	-15.0	
126737 RNY 7EGT	0.0	10.0	10.0		129072 CAITH-ST	102.5	89.5	-13.0	
126738 RNY 7WGT	0.0	10.0	10.0		129092 PTJEFG3	91.6	85.6	-6.0	
126739 RNY 9EGT	0.0	10.0	10.0		129093 PTJEFG4	96.9	89.9	-7.0	
					147821 NYPA108	80.3	70.3	-10.0	
					147822 NYPA56	40.2	35.2	-5.0	
CENTRAL EAST, TOTAL EAST									
155715 LENNOX_GS-4	5.0	21.0	16.0		126251 ER G6	94.5	93.0	-1.5	
158740 NANTICOKE_G5	0.0	14.5	14.5		126340 KEYSPG-1	112.7	109.4	-3.3	

GENERATION PARTICIPATION FOR THERMAL ANALYSIS

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<- GENERATOR MW-->					<----- GENERATOR MW ---->				
BUS NAME	BASE	SHIFT	CHANGE	BUS NAME	BASE	SHIFT	CHANGE		
160704 LAMBTON_GS-3	0.0	14.5	14.5	126341 KEYSPT1	65.2	63.3	-1.9		
136200 GERES LK	63.7	64.7	1.0	126606 COOP CITY	40.5	39.5	-1.0		
136702 OSWGO 5G	285.4	301.4	16.0	126650 AK 3	241.0	238.5	-2.5		
136703 OSWGO 6G	0.0	25.0	25.0	126652 RAV 3	564.0	551.8	-12.2		
137924 FLATRKGS_V8	69.3	71.8	2.5	126654 AST 3	200.0	196.1	-3.9		
147763 MOS17-18	65.5	66.5	1.0	126657 RAV 1	251.9	246.6	-5.3		
147808 ALTONA_GE_G1	29.3	31.2	2.0	126658 RAV 2	252.8	247.5	-5.3		
147855 CHATG_GE_G1	31.9	34.0	2.0	126660 COGENGT2	59.0	57.5	-1.5		
147971 ELNBG_GE_1G	24.3	25.8	1.5	126661 COGENGT3	59.0	57.5	-1.5		
148706 MRBLRV1_8G	64.6	68.6	4.0	126663 COGENGT5	66.9	64.9	-2.0		
				126664 COGENST1	66.9	64.9	-2.0		
				126665 COGENST2	66.9	64.9	-2.0		
				126674 JFK G1	31.5	31.0	-0.5		
				126675 JFK G2	31.5	31.0	-0.5		
				126692 SCS18-G4	103.5	102.0	-1.5		
				126710 SCS18-G5	103.5	102.0	-1.5		
				126711 SCS18-G6	180.0	176.0	-4.0		
				128901 BARETG2	141.6	138.6	-3.0		
				128918 FRPT-GT1	40.2	39.2	-1.0		
				128924 FRPT-GT2	40.2	39.2	-1.0		
				128963 HEMP RR	55.3	53.8	-1.5		
				128970 TRIGEN	41.0	40.0	-1.0		
				128984 CALP_CTG	40.2	39.2	-1.0		
				128990 GRUMTBG4	35.7	35.2	-0.5		
				129025 NRTPTG2	147.3	146.3	-1.0		
				129026 NRTPTG3	147.3	146.3	-1.0		
				129027 NRTPTG4	147.3	146.3	-1.0		
				129053 PLWN_CC	40.2	39.2	-1.0		
				129071 CAITH-GT	121.9	118.4	-3.5		
				129072 CAITH-ST	102.5	99.5	-3.0		
				129092 PTJEFG3	91.8	90.3	-1.5		
				129093 PTJEFG4	96.9	95.4	-1.5		
				147788 POLETGT2	95.0	92.5	-2.5		
				147789 POLETSTG	102.1	99.1	-3.0		
				147790 POLETGT1	95.0	92.5	-2.5		
				147810 PAGTFOXH	32.3	31.5	-0.8		
				147811 PAGTGOW1	31.5	30.7	-0.8		
				147821 NYPA108	80.3	78.8	-1.5		
				147822 NYPA56	40.2	39.2	-1.0		
				148708 Q308_GT1	125.0	121.5	-3.5		
				148709 Q308_GT2	125.0	121.5	-3.5		
				148710 Q308_ST	150.0	145.5	-4.5		
MOSES SOUTH									
147763 MOS17-18	65.1	115.1	50.0	126652 RAV 3	564.0	551.0	-13.0		
147766 MOS21-22	80.0	130.0	50.0	126654 AST 3	200.0	196.0	-4.0		

GENERATION PARTICIPATION FOR INTERFACES

<----- STUDY SYSTEM ----->				<----- OPPOSING SYSTEM ----->			
BUS NAME	<--- GENERATOR MW-->			BUS NAME	<---- GENERATOR MW --->		
	BASE	SHIFT	CHANGE		BASE	SHIFT	CHANGE
				126657 RAV 1	251.9	245.4	-6.5
				126658 RAV 2	252.8	245.8	-7.0
				130873 SOMERSET24	677.9	667.4	-10.5
				135800 HNTLY67G	189.6	184.6	-5.0
				135801 HNTLY68G	188.0	183.0	-5.0
				136702 OSWGO 5G	285.4	274.4	-11.0
				136715 SITH-G1	161.4	155.4	-6.0
				136716 SITH-G2	161.4	155.4	-6.0
				136717 SITH-G3	161.4	155.4	-6.0
				136718 SITH-G4	161.4	155.4	-6.0
				136719 SITH-S5	176.6	169.5	-7.0
				136720 SITH-S6	176.6	169.5	-7.0
NY - ONTARIO							
126650 AK 3	241.0	247.0	6.0	156661 DARLINTN_G1	921.0	908.5	-12.5
126653 AK 2	0.0	5.0	5.0	156663 DARLINTN_G3	921.0	908.5	-12.5
126659 COGENGT1	0.0	2.3	2.3	156664 DARLINTN_G4	910.0	897.5	-12.5
126660 COGENGT2	59.0	60.3	1.3	156676 PICK_A_GS-4	505.7	493.2	-12.5
126661 COGENGT3	59.0	60.2	1.2	156683 PICK_B_GS-5	501.8	488.3	-13.5
126662 COGENGT4	59.0	60.3	1.3	156684 PICK_B_GS-6	518.1	504.6	-13.5
126663 COGENGT5	66.9	67.9	1.0	156685 PICK_B_GS-7	337.6	328.1	-9.5
126664 COGENST1	66.9	67.9	1.0	156686 PICK_B_GS-8	523.8	510.3	-13.5
128963 HEMP RR	55.3	55.9	0.6				
129024 NRTPTG1	0.0	7.6	7.6				
129025 NRTPTG2	147.3	151.1	3.8				
129026 NRTPTG3	147.3	151.0	3.7				
129027 NRTPTG4	147.3	151.8	4.5				
129092 PTJEFG3	91.6	94.1	2.5				
129093 PTJEFG4	96.9	98.9	2.0				
129095 PTJEFGT2	0.0	1.2	1.2				
129096 PTJEFGT3	0.0	1.2	1.2				
136702 OSWGO 5G	285.4	303.4	18.0				
136703 OSWGO 6G	0.0	15.0	15.0				
136772 FT. DRUM	0.0	1.1	1.1				
136823 KAMINEGT	0.0	1.7	1.7				
147778 GILBOA#2	0.0	6.3	6.3				
147779 GILBOA#3	129.9	134.8	4.9				
147780 GILBOA#4	0.0	6.8	6.8				
ONTARIO - NY							
156673 PICK_A_GS-1	5.0	21.0	16.0	125190 ROSE GN1	594.6	590.6	-4.0
158740 NANTICOKE_G5	0.0	16.0	16.0	126652 RAV 3	914.0	898.0	-16.0
158741 NANTICOKE_G6	0.0	16.0	16.0	130873 SOMERSET24	684.3	669.8	-14.5
158742 NANTICOKE_G7	0.0	16.0	16.0	131461 CAYUGA 2	130.0	128.0	-2.0
159616 BRUCE_A_GS-4	5.0	25.0	20.0	131462 CAYUGA 1	130.0	128.0	-2.0
160704 LAMBTON_GS-3	0.0	16.0	16.0	135800 HNTLY67G	189.6	185.5	-4.1
				135801 HNTLY68G	188.0	183.9	-4.1
				136702 OSWGO 5G	285.4	282.3	-3.1

GENERATION PARTICIPATION FOR THERMAL ANALYSIS

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<- GENERATOR MW-->					<----- GENERATOR MW ---->				
BUS NAME		BASE	SHIFT	CHANGE	BUS NAME		BASE	SHIFT	CHANGE
					136706	HMGENBUS	48.7	47.7	-1.0
					136716	SITH-G2	161.4	156.4	-5.0
					136717	SITH-G3	161.4	156.4	-5.0
					136719	SITH-G5	176.5	172.5	-4.0
					136720	SITH-G6	176.5	171.5	-5.0
					137458	ATHENSC2	150.0	146.0	-4.0
					137459	ATHENSS2	75.0	73.0	-2.0
					137714	BETH STM	200.0	195.3	-4.7
					147797	JAFITZ1G	848.1	828.6	-19.5
NY - NE									
125192	ROSE GN2	370.0	380.2	10.2	100368	YARMOUTH #4	621.2	617.7	-3.5
126252	ER G7	0.0	4.1	4.1	105386	MERRIMACK_G2	355.4	345.9	-9.5
126468	ERGT1	0.0	5.1	5.1	105451	SCHILLER_G5	45.8	44.8	-1.0
166469	ERGT2	0.0	5.1	5.1	105476	NEWINGTON_C1	161.4	158.4	-3.0
126650	AK 3	241.0	248.7	7.7	105477	NEWINGTON_C2	161.4	158.4	-3.0
126653	AK 2	0.0	9.2	9.2	105478	NEWINGTON_S1	194.1	188.6	-5.5
126659	COGENGT1	0.0	3.1	3.1	105633	GRANITE R ST	230.5	224.0	-6.5
126662	COGENGT4	59.0	60.1	1.0	111067	MYSTIC GT 8A	240.9	234.4	-6.5
126666	COGENST3	0.0	3.1	3.1	111068	MYSTIC 8ST	237.3	231.3	-6.0
126737	RNY 7EGT	0.0	2.0	2.0	111069	MYSTIC GT 9A	237.9	231.4	-6.5
126738	RNY 7WGT	0.0	2.6	2.6	111071	MYSTIC GT 8B	240.9	234.9	-6.0
126739	RNY 9EGT	0.0	2.0	2.0	111072	MYSTIC GT 9B	237.9	231.9	-6.0
136703	OSWGO 6G	0.0	15.3	15.3	111093	EDGAR GT1	235.6	234.6	-1.0
146840	BOW2	0.0	5.1	5.1	111094	PILGRIM	702.5	686.0	-16.5
146841	BOW1	208.5	218.7	10.2	111095	ANP BLKSTN 1	230.5	226.5	-4.0
147778	GILBOA#2	0.0	8.2	8.2	111096	ANP BLKSTN 2	222.3	220.8	-1.5
148708	Q308_GT1	125.0	126.5	1.5	111097	EDGAR GT2	235.6	231.6	-4.0
148709	Q308_GT2	125.0	126.5	1.5	114468	SALEM HBR G3	161.1	158.1	-3.0
148710	Q308_ST	150.0	153.1	3.1	114861	ANP BLLNGHM1	239.1	232.1	-7.0
NE - NY									
100367	YARMOUTH #3	0.0	5.0	5.0	125190	ROSE GN1	590.7	574.3	-16.4
111069	MYSTIC GT 9A	237.9	239.9	2.0	125192	ROSE GN2	370.0	357.4	-12.6
111070	MYSTIC 9ST	234.4	236.4	2.0	126651	IND PT 2	1028.8	1013.5	-15.3
111072	MYSTIC GT 9B	237.9	239.9	2.0	136700	9M PT 2G	1318.0	1303.6	-13.1
111126	KENDALL CT	0.0	6.0	6.0	137702	JMC2ST13	102.1	99.9	-2.2
111251	CANAL G1	0.0	21.0	21.0	137711	BETHGT1	101.1	97.8	-3.3
111252	CANAL G2	0.0	22.0	22.0	137713	BETHGT3	101.1	97.8	-3.3
114469	SALEM HBR G4	0.0	17.0	17.0	147777	GILBOA#1	232.9	229.6	-3.3
114856	BRAYTN PT 4	0.0	10.0	10.0	147797	JAFITZ1G	848.1	837.2	-10.9
116413	NORTHFIELD 3	0.0	7.0	7.0	147798	IP#3 GEN	1044.2	1024.5	-19.7
116414	NORTHFIELD 4	0.0	6.0	6.0					
NY - PJM									
125192	ROSE GN2	370.0	393.8	23.8	Scale shift to all PJM generation				
126666	COGENST3	0.0	8.0	8.0					
126711	SCS18-G6	180.0	187.4	7.4					
128901	BARETG2	141.6	144.3	2.7					

GENERATION PARTICIPATION FOR INTERFACES

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<--- GENERATOR MW-->					<----- GENERATOR MW --->				
BUS NAME	BASE	SHIFT	CHANGE		BUS NAME	BASE	SHIFT	CHANGE	
129092 PTJFEG3	91.3	98.3	7.0						
136702 OSWGO 5G	285.4	305.4	20.0						
137460 ATHENSC3	150.0	157.4	7.4						
137559 BESI20G1	109.0	116.4	7.4						
137713 BETHGT3	101.1	105.1	4.0						
145005 JAMESGN7	30.0	34.0	4.0						
147779 GILBOA#3	141.4	145.0	3.6						
147787 BLISS2_GE_1G	8.6	9.6	1.0						
147800 BLISS1_GE_1G	21.6	24.0	2.4						
147821 NYPA108	80.3	81.6	1.3						
PJM - NY									
Scale shift from all					125190 ROSE GN1	461.8	456.5	-5.3	
PJM generation					126251 ER G6	94.5	91.4	-3.1	
					126654 AST 3	200.0	190.9	-9.1	
					126656 AST 5	134.8	132.8	-2.0	
					126710 SCS18-G5	103.5	101.5	-2.0	
					126711 SCS18-G6	180.0	178.0	-2.0	
					131461 CAYUGA 2	71.3	69.1	-2.2	
					131649 LEA 4S	53.9	48.7	-5.2	
					136200 GERES LK	22.4	19.6	-2.8	
					136704 OCWE GEN	29.2	27.4	-1.8	
					136715 SITH-G1	161.4	157.3	-4.1	
					136716 SITH-G2	133.0	128.9	-4.1	
					136717 SITH-G3	101.0	96.7	-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	848.1	828.1	-20.0	
					148708 Q308_GT1	125.0	119.0	-6.0	
					148709 Q308_GT2	125.0	119.0	-6.0	
					148710 Q308_ST	150.0	143.0	-7.0	

This page is intentionally left blank

APPENDIX J

DISTRIBUTION FACTORS

This page is intentionally left blank

Table-1 DISTRIBUTION FACTORS FOR DYSINGER EAST CIRCUITS

Monitered Element				Base Flow	TRANSFER	KINTI-ROCH	NIAGAR-ROCH	STOLLE-HIGHSHELDON	WTHRS-MEYER	LOCKPT-SOUR	LOCKPT-SHEL	NIAGAR-ROCH
SOMERSET345	345	ROCH	345	672.36	24.55%	TRIP	44.96%	14.91%	14.91%	15.61%	14.09%	0.00%
STOLE230	230	SHLDN230	230	268.47	11.28%	6.07%	7.35%	TRIP	TRIP	6.36%	5.74%	13.35%
ANDOVER1	115	PALMT115	115	0	0.00%	0/S	0/S	0/S	0/S	0/S	0/S	0/S
LOCKPORT	115	SHEL-113	115	79.36	2.78%	3.58%	4.33%	3.58%	3.58%	13.53%	TRIP	7.87%
LOCKPORT	115	NAKR-108	115	52.06	1.00%	1.29%	1.56%	1.29%	1.29%	3.80%	3.50%	2.84%
LOCKPORT	115	OAKFLDTP	115	57.58	1.17%	1.51%	1.83%	1.51%	1.51%	4.44%	4.08%	3.32%
LOCKPORT	115	SOUR-111	115	80.51	2.84%	3.67%	4.44%	3.66%	3.66%	TRIP	12.51%	8.06%
LOCKPORT	115	TELRDTP1	115	77.54	1.33%	1.71%	2.07%	1.71%	1.71%	6.10%	6.15%	3.77%
LOCKPORT	115	TELRDTP1	115	88.02	2.78%	3.58%	4.33%	3.57%	3.57%	11.53%	19.09%	7.86%
NIAG 345	345	ROCH	345	574.04	35.99%	54.49%	TRIP	21.85%	21.85%	22.89%	20.65%	TRIP
SUB-TOTALS					83.71%	75.91%	70.86%	52.08%	52.08%	84.26%	85.80%	47.06%
L33P-L34P				-0.64	0.00%	8.88%	10.74%	9.23%	9.23%	4.55%	4.10%	19.52%
PJM-NYISO				910.88	16.29%	15.21%	18.40%	38.69%	38.69%	11.20%	10.10%	33.43%
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-2 DISTRIBUTION FACTORS FOR WEST CENTRAL CIRCUITS

Monitored Element				Base Flow	TRANSFER	PANNEL-CLAY	STOLLE-SHLDN	WTHRS-STONEY	S121-SLEGH	PANNEL-FARM	PANNEL-CLAY
STOLE230	230	SHLDN230	230 1	268.47	11.28%	3.11%	TRIP	TRIP	2.99%	8.38%	7.36%
QUAKER	115	MACDN115	115 1	34.21	0.31%	0.49%	0.43%	0.43%	20.35%	3.30%	1.15%
S121 B#2	115	SLEIG115	115 1	91.73	2.54%	3.69%	1.99%	1.99%	TRIP	10.70%	8.73%
ANDOVER1	115	PALMT115	115 1	0	0.00%	0/S	0/S	0/S	0/S	0/S	0/S
STA 162	115	S.PER115	115 1	36.23	0.50%	2.00%	16.88%	16.88%	2.30%	4.94%	4.73%
MORTIMER	115	LAWLER-1	115 1	78.09	2.58%	2.73%	1.38%	1.38%	4.08%	14.39%	6.47%
MORTIMER	115	LAWLER-2	115 1	68.27	2.65%	2.95%	1.20%	1.20%	4.41%	6.09%	6.99%
PANNELL3	345	CLAY	345 1	199.32	30.23%	TRIP	10.79%	10.79%	19.23%	20.50%	0.00%
PANNELL3	345	CLAY	345 2	199.95	30.32%	57.79%	10.82%	10.82%	19.29%	20.57%	TRIP
PANNELLI	115	FRMGTN-4	115 1	161.19	3.31%	6.06%	8.60%	8.60%	16.51%	TRIP	14.35%
SUB-TOTALS					83.71%	78.80%	52.08%	52.08%	89.16%	88.86%	49.77%
L33P-L34P				-0.64	0.00%	7.90%	9.23%	9.23%	3.28%	2.55%	18.72%
PJM-NYISO				910.88	16.29%	13.30%	38.69%	38.69%	7.57%	8.59%	31.51%
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-3 DISTRIBUTION FACTORS FOR TOTAL EAST CIRCUITS

Table-3 DISTRIBUTION FACTORS FOR TOTAL EAST CIRCUITS															
Monitored Element				Base Flow	TRANSFER	PORTER-RTRDM	EDIC34-NSCOT	MARCY3-NSCOT	FRASER-GILBA	BRBURG-RAMPO	WALDWK-SMAWA	HUDSON-FARGT	LINDEN-GOETH	WALDWK-SMAWA	HUDSON-FARGT
PLAT T#3	115	NE_PV20_NY	115 1	5.07	0.00%	3.19%	2.91%	3.10%	1.76%	0.69%	0.04%	0.35%	0.45%	0.30%	0.51%
COOPC345	345	ROCK TAV	345 2	542.36	16.10%	3.75%	6.49%	6.85%	17.54%	4.06%	0.35%	0.39%	1.01%	2.99%	0.62%
BRANCHBG	500	RAMAPO 5	500 1	188.32	0.00%	1.84%	3.07%	3.16%	2.81%	TRIP	2.88%	7.34%	14.49%	25.09%	11.23%
HUDSON1	345	B3402 PAR1	345 1	336.22	0.00%	1.13%	1.83%	1.89%	2.43%	9.01%	2.92%	TRIP	17.77%	25.82%	0.00%
HUDSON2	345	C3403 PAR2	345 1	335.68	0.00%	1.13%	1.84%	1.90%	2.42%	9.53%	2.77%	31.40%	18.81%	24.49%	TRIP
LINDEN	230	GOETHALS	230 1	331.5	0.00%	1.07%	1.75%	1.81%	2.14%	13.08%	1.22%	13.07%	TRIP	10.84%	20.01%
NEPTCONV	345	NWBRG	345 1	661.11	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	615.11	17.19%	3.91%	6.75%	7.12%	18.34%	4.49%	0.34%	0.25%	0.95%	3.45%	0.42%
FRASR345	345	GILB 345	345 1	209.86	16.96%	9.53%	23.04%	23.76%	TRIP	3.11%	0.13%	2.19%	2.62%	1.04%	3.20%
E.SPR115	115	INGHAM-E	115 1	-22.05	0.90%	0.86%	-0.23%	-0.22%	2.54%	0.15%	0.01%	0.09%	0.11%	0.07%	0.13%
W.WDB115	115	W.WDBR69	69.0 1	17.77	0.56%	0.36%	0.48%	0.51%	1.18%	0.05%	0.00%	0.10%	0.10%	-0.03%	0.14%
EDIC	345	N.SCOT77	345 1	613.11	18.38%	13.53%	TRIP	31.95%	18.79%	2.77%	0.15%	1.34%	1.75%	1.29%	1.98%
PORTER 2	230	ROTRDM.2	230 1	194.72	4.81%	TRIP	5.53%	5.62%	3.18%	0.68%	0.04%	0.34%	0.44%	0.31%	0.50%
PORTER 2	230	ROTRDM.2	230 2	194.7	4.81%	33.47%	5.53%	5.62%	3.17%	0.68%	0.04%	0.34%	0.44%	0.31%	0.50%
INGMS-CD	115	INGHAM-E	115 1	120	0.00%	9.74%	3.83%	3.88%	0.79%	0.37%	0.02%	0.17%	0.23%	0.17%	0.25%
MARCY T1	345	N.SCOT99	345 1	697.08	20.31%	14.74%	34.23%	TRIP	20.76%	3.06%	0.16%	1.49%	1.94%	1.42%	2.19%
WALDWICK	345	SMAHWAH1	345 1	-469.77	-0.24%	0.77%	1.31%	1.34%	0.78%	22.92%	88.68%	19.55%	11.18%	0.00%	27.52%
SMAH138	138	SMAHWAH1	345 1	-97.87	0.70%	-0.03%	-0.03%	-0.03%	0.20%	-0.28%	-3.36%	-1.11%	-0.68%	0.73%	-1.56%
WALDWICK	345	SMAHWAH2	345 1	-533.35	0.24%	0.75%	1.28%	1.32%	0.91%	22.59%	TRIP	18.67%	10.64%	TRIP	26.27%
SMAH138	138	RAMP138	138 1	-94.14	-0.38%	0.01%	0.02%	0.02%	-0.12%	0.40%	2.70%	0.78%	0.47%	-0.36%	1.10%
MONTVALE	69.0	BLUHILL	69.0 1	3.43	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	3.43	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	-29.2	-0.49%	-0.01%	-0.02%	-0.02%	-0.16%	-0.15%	0.41%	0.20%	0.12%	-0.28%	0.29%
CRESSKIL	69.0	SPARKILL	69.0 1	-8.91	0.03%	0.00%	0.01%	0.01%	0.02%	0.00%	0.02%	0.02%	0.02%	-0.02%	0.03%
HCOR69	69.0	WNYA69	69.0 1	-3.71	0.12%	0.01%	0.02%	0.02%	0.06%	-0.01%	0.08%	0.08%	0.06%	-0.07%	0.11%
HCOR34	34.5	PEARL34	34.5 1	0.43	-0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%
MONTVALE	69.0	L491T	69.0 1	-30.2	0.04%	0.00%	0.01%	0.01%	0.02%	0.02%	0.10%	0.04%	0.03%	-0.01%	0.05%
HCOR138	138	CORPORATE DR	138 1	-60.86	-0.02%	0.00%	0.00%	0.00%	-0.01%	0.02%	0.04%	0.00%	-0.01%	0.02%	-0.01%
G22_VFT345KV	345	COGNTech	345 1	299.68	0.00%	0.23%	0.38%	0.39%	0.46%	2.79%	0.28%	2.94%	17.07%	2.45%	4.54%
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-4 DISTRIBUTION FACTORS FOR UPNY-CONED CIRCUITS

Monitered Element				Base Flow	TRANSFER	PLVLLY-MILLW	PLVLLY-FISHK	RAMAPO-BUCHN	LADNTW-BUCHS	LINDEN-GOETH	HUDSON-FARGT	ROSETN-FISHK
ROSETON	345	E FISHKILL	345 1	1178.47	19.61%	-11.32%	15.31%	15.42%	21.17%	7.18%	7.94%	TRIP
E FISH I	115	E FISHKILL	345 1	-136.27	1.80%	-0.50%	2.59%	0.76%	0.86%	0.44%	0.45%	6.42%
FISHKILL	115	SYLVN115	115 1	96.93	0.98%	0.78%	-0.07%	0.33%	0.60%	0.20%	0.19%	0.52%
RAMAPO	345	BUCHANAN N	345 1	-239.9	13.47%	3.14%	-0.22%	TRIP	40.49%	12.81%	15.36%	12.78%
LADENTWN	345	BUCHANAN S	345 1	-127.25	13.42%	17.70%	-3.69%	53.65%	TRIP	18.59%	22.60%	23.23%
PLTVLLEY	345	E FISHKILL	345 1	223.61	8.04%	23.66%	TRIP	-0.56%	-7.08%	0.76%	0.58%	32.19%
PLTVLLEY	345	E FISHKILL	345 2	223.61	8.04%	23.66%	66.24%	-0.56%	-7.08%	0.76%	0.58%	32.19%
PLTVLLEY	345	MILLWOOD	345 1	630.3	17.43%	TRIP	8.71%	2.94%	12.49%	2.08%	1.72%	-8.77%
PLTVLLEY	345	WOOD B	345 1	660.8	17.20%	34.88%	9.11%	2.92%	12.07%	2.07%	1.72%	-8.48%
SUB-TOTALS					100.00%	92.02%	97.98%	74.89%	73.53%	44.88%	51.15%	90.09%
LINDEN	230	GOETHALS	230 1	331.5	0.00%	0.91%	0.12%	5.25%	5.76%	TRIP	13.07%	2.44%
HUDSON1	345	B3402 PAR1	345 1	336.22	0.00%	1.03%	0.13%	8.57%	9.52%	17.77%	TRIP	3.67%
HUDSON2	345	C3403 PAR2	345 1	335.68	0.00%	1.03%	0.13%	8.30%	9.21%	18.81%	31.40%	3.58%
NRTHPT P	138	NRTHPT1	138 1	100.25	0.00%	4.82%	1.61%	1.83%	0.72%	1.47%	1.44%	-0.31%
G22_VFT345KV	345	COGNTECH	345 1	299.68	0.00%	0.20%	0.03%	1.16%	1.27%	17.07%	2.94%	0.54%
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-5 DISTRIBUTION FACTORS FOR SPRAINBROOK DUNWOODIE SOUTH CIRCUITS

Monitored Element				Base Flow	TRANSFER	SPRAIN-TRMNT	SPRAIN-W49TH	DUNWDE-RAINY	VSTR-JAMAICA	LKSUC-JMAICA	REAC72-MOTT
SPRAINBROOK	345 TREMONT	345 1		350.75	0.00%	TRIP	0.55%	0.33%	4.18%	4.10%	0.43%
SPRAINBROOK	345 ACADEMY	345 1		301.06	0.00%	21.06%	0.49%	0.29%	3.70%	3.63%	0.38%
REACM51	345 W 49 ST	345 1		302.73	20.62%	7.45%	TRIP	18.94%	9.39%	8.94%	0.00%
REACM52	345 W 49 ST	345 2		302.73	20.62%	7.45%	44.31%	18.94%	9.39%	8.94%	27.05%
DUN N01R	138 S CREEK W	138 1		62.15	0.00%	11.54%	0.20%	0.22%	2.05%	2.04%	0.26%
DUN N02R	138 S CREEK E	138 1		114.87	0.00%	13.79%	0.24%	0.27%	2.44%	2.43%	0.31%
DUN S01R	138 E179 ST W	138 1		205.47	0.00%	16.54%	0.29%	0.32%	2.93%	2.91%	0.37%
V STRM P	138 JAMAICA	138 1		104.62	0.00%	4.74%	0.79%	0.67%	TRIP	43.29%	0.82%
L SUCSPH	138 JAMAICA	138 1		209.71	0.00%	4.57%	0.74%	0.71%	42.57%	TRIP	0.84%
REAC71	345 MOTT HAVEN	345 3		174.1	30.73%	5.91%	25.02%	TRIP	10.57%	11.31%	65.22%
REAC72	345 MOTT HAVEN	345 4		160.1	28.02%	5.39%	22.81%	55.79%	9.64%	10.32%	TRIP
SUB-TOTALS					100.00%	98.43%	95.44%	96.49%	96.86%	97.90%	95.67%
LINDEN	230 GOETHALS	230 1		331.5	0.00%	0.98%	1.00%	0.81%	0.83%	0.57%	0.99%
HUDSON1	345 B3402 PAR1	345 1		336.22	0.00%	0.20%	1.69%	1.28%	1.06%	0.70%	1.59%
HUDSON2	345 C3403 PAR2	345 1		335.68	0.00%	0.18%	1.65%	1.24%	1.06%	0.71%	1.54%
G22_VFT345KV	345 COGNTECH	345 1		299.68	0.00%	0.22%	0.22%	0.18%	0.18%	0.13%	0.22%
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-6 DISTRIBUTION FACTORS FOR MOSES SOUTH CIRCUITS

Monitered Element				Base Flow	TRANSFER	MASSEN_CHAT	MASSEN-MARCY	MOSES2-ADRON	MOSES2-ADRONB1
ALCOA-NM	115	BRADY	115 1	19.86	1.11%	0.45%	2.19%	0.75%	1.87%
ALLENS F	115	COLTON	115 1	-24.63	1.57%	0.28%	1.88%	0.66%	1.63%
DENNISON	115	ANDRWS-4	115 1	0.44	2.09%	0.84%	4.11%	1.40%	3.52%
DENNISON	115	LWRNCE-B	115 1	0.11	2.09%	0.84%	4.12%	1.41%	3.52%
MASS 765	765	MARCY765	765 1	445.11	74.21%	66.40%	TRIP	44.23%	0.00%
MOSES W	230	ADRON B1	230 1	41.48	9.46%	3.40%	18.95%	TRIP	TRIP
MOSES W	230	ADRON B2	230 1	41.51	9.46%	3.40%	18.95%	36.36%	48.83%
SUB-TOTALS					100.00%	75.62%	50.19%	84.81%	59.37%
MOSES E	230	ST_LAWR_L33P	230 1	0.37	0.00%	9.69%	17.32%	5.16%	13.99%
MOSES E	230	ST_LAWR_L34P	230 1	0.27	0.00%	10.87%	19.43%	5.79%	15.69%
MOSES W	230	WILLIS E	230 1	34.9	0.73%	2.02%	7.35%	2.42%	6.18%
MOSES W	230	WILLIS W	230 1	34.68	0.73%	2.01%	7.31%	2.40%	6.15%
TOTALS					101.46%	100.22%	101.60%	100.57%	101.39%

Table-7 DISTRIBUTION FACTORS FOR NEISO NYISO CIRCUITS

Monitered Element				Base Flow	TRANSFER	NHHAR_GEN	VTYANK_GEN	YRMTH_GEN	SBRK_GEN	HIGATE_DC	ELLRIVER	MADWAS_DC	ALPS34-MANY	PV.345-LNGMT
NE_PV20_NY	115	PLAT T#3	115 1	-5.07	0.00%	4.06%	7.54%	7.45%	7.24%	36.01%	7.50%	7.50%	7.90%	5.18%
NE_K37_NY	115	WHITEHAL	115 1	0.01	0.00%	2.39%	6.75%	5.07%	4.91%	7.02%	5.09%	5.09%	9.63%	4.58%
NE_K6_NY	115	HOOSICK	115 1	13.27	3.15%	1.37%	2.12%	2.42%	2.44%	1.27%	2.42%	2.42%	9.50%	2.70%
NE_E205W_NY	230	ROTRDM.2	230 1	11.43	8.47%	4.14%	5.86%	7.34%	7.44%	3.78%	7.34%	7.34%	14.69%	6.94%
NE_393_NY	345	ALPS345	345 1	-69.09	37.08%	18.85%	37.17%	31.54%	31.26%	21.60%	31.52%	31.52%	TRIP	37.62%
NE_398_NY	345	PLTVLLEY	345 1	-35.82	50.18%	50.41%	29.65%	34.01%	34.42%	21.87%	33.98%	33.98%	45.36%	TRIP
NE_690_NY	69.0	SMITHFLD	69.0 1	0.65	1.13%	1.10%	0.70%	0.81%	0.82%	0.50%	0.81%	0.81%	1.20%	2.85%
NE_601_NY	138	NRTHPT P	138 1	33.59	0.00%	5.92%	3.42%	3.80%	3.84%	2.66%	3.80%	3.80%	3.93%	13.44%
NE_602_NY	138	NRTHPT P	138 2	33.49	0.00%	5.90%	3.41%	3.79%	3.83%	2.65%	3.79%	3.79%	3.91%	13.40%
NE_603_NY	138	NRTHPT P	138 3	33.27	0.00%	5.86%	3.39%	3.77%	3.80%	2.63%	3.76%	3.76%	3.89%	13.31%
SHMHVDCL	192	SHOREHAM2	138 1	330	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-8 DISTRIBUTION FACTORS FOR ONTARIO NYISO CIRCUITS

Monitered Element	Base Flow	TRANSFER	PA27-NIAGAR	BP76-PACKD2	STLAWR34-MOSES	STLAWR33-MOSES	BECKB-NIAGAR	BECKA-PA302
BECK_#2_BP76 230 PACKARD2 230 1	2.17	17.11%	26.11%	TRIP	4.66%	4.96%	17.64%	37.33%
BECK_#2_TS_A 345 NIAG 345 345 1	38.37	31.63%	33.73%	30.82%	9.02%	9.61%	52.74%	TRIP
BECK_#2_TS_B 345 NIAG 345 345 1	38.37	31.63%	33.73%	30.82%	9.02%	9.61%	TRIP	0.00%
ST_LAWR_L33P 230 MOSES E 230 1	-0.37	0.00%	1.14%	1.17%	TRIP	53.42%	1.29%	2.73%
ST_LAWR_L34P 230 MOSES E 230 1	-0.27	0.00%	1.28%	1.31%	56.27%	TRIP	1.45%	3.07%
BECK_#2_PA27 230 NIAGAR2W 230 1	-78.41	19.64%	TRIP	31.41%	5.47%	5.83%	23.22%	49.13%
SUB-TOTALS		100.00%	95.98%	95.53%	84.45%	83.43%	96.34%	92.26%
ON-MICH	0.17	0.00%	3.74%	4.16%	14.27%	15.20%	3.40%	7.20%
TOTALS		100.00%	99.72%	99.69%	98.72%	98.63%	99.74%	99.46%

Table-9 DISTRIBUTION FACTORS FOR PJM-NYISO CIRCUITS

Table-9 DISTRIBUTION FACTORS FOR PJM-NYISO CIRCUITS															
Monitored Element				Base Flow	TRANSFER	ERIESO-FALCS	HMRCTY-STOLL	HMRCTY-WATER	E.TOWD-HILLS	BRBURG-RAMPO	WALDWK-SMAWA	HUDSON-FARGT	LINDEN-GOETH	WALDWK-SMAWA	HUDSON-FARGT
BRANCHBG	500	RAMAPO 5	500 1	188.32	0.00%	6.59%	6.82%	11.46%	7.31%	TRIP	2.88%	7.34%	14.49%	2.88%	11.23%
G22_VFT345KV	345	COGNTECH	345 1	299.68	0.00%	0.63%	0.65%	1.08%	0.74%	2.79%	0.28%	2.94%	17.07%	0.28%	4.54%
HUDSON1	345	B3402 PAR1	345 1	336.22	0.00%	2.72%	2.82%	4.51%	3.58%	9.01%	2.92%	TRIP	17.77%	2.92%	0.00%
HUDSON2	345	C3403 PAR2	345 1	335.68	0.00%	2.77%	2.87%	4.61%	3.60%	9.53%	2.77%	31.40%	18.81%	2.77%	TRIP
LINDEN	230	GOETHALS	230 1	331.5	0.00%	2.94%	3.04%	5.00%	3.42%	13.08%	1.22%	13.07%	TRIP	1.22%	20.01%
NEPTCONV	345	NWBRG	345 1	661.11	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	77.24	14.08%	16.00%	TRIP	14.23%	2.10%	1.72%	0.10%	0.58%	0.85%	0.10%	0.86%
HOMER CY	345	WATRC345	345 1	386.28	23.21%	6.74%	17.40%	TRIP	13.48%	3.52%	0.20%	1.13%	1.70%	0.20%	1.68%
E.TWANDA	230	HILSD230	230 1	-185.6	21.18%	6.00%	3.70%	19.43%	TRIP	3.24%	0.24%	1.29%	1.68%	0.24%	1.90%
LAUREL L	115	WESTOVER115	115 1	-52.39	6.42%	0.97%	0.76%	2.33%	11.36%	1.02%	0.08%	0.40%	0.53%	0.08%	0.59%
E.SAYRE	115	N.WAV115	115 1	-69.2	7.80%	2.00%	1.43%	3.99%	30.41%	1.19%	0.09%	0.47%	0.62%	0.09%	0.69%
ERIE E	230	S RIPLEY	230 1	-144.74	20.54%	TRIP	22.10%	7.62%	4.70%	2.29%	0.13%	0.77%	1.13%	0.13%	1.14%
WARREN	115	FALCONER	115 1	-16.36	6.78%	20.90%	8.57%	1.82%	2.82%	0.80%	0.05%	0.27%	0.40%	0.05%	0.41%
WALDWICK	345	SMAHWAH1	345 1	-469.77	-0.11%	3.32%	3.43%	5.62%	4.63%	22.92%	88.68%	19.55%	11.18%	88.68%	27.52%
SMAH138	138	SMAHWAH1	345 1	-97.87	0.30%	-0.38%	-0.39%	-0.67%	-0.51%	-0.28%	-3.36%	-1.11%	-0.68%	-3.36%	-1.56%
WALDWICK	345	SMAHWAH2	345 1	-533.35	0.11%	3.03%	3.14%	5.12%	4.25%	22.59%	TRIP	18.67%	10.64%	TRIP	26.27%
SMAH138	138	RAMP138	138 1	-94.14	-0.17%	0.23%	0.24%	0.41%	0.31%	0.40%	2.70%	0.78%	0.47%	2.70%	1.10%
MONTVALE	69.0	BLUHILL	69.0 1	3.43	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	3.43	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	-29.2	-0.21%	0.16%	0.16%	0.28%	0.21%	-0.15%	0.41%	0.20%	0.12%	0.41%	0.29%
CRESSKIL	69.0	SPARKILL	69.0 1	-8.91	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.02%	0.02%	0.02%	0.03%
HCOR69	69.0	WNYA69	69.0 1	-3.71	0.05%	-0.01%	-0.01%	-0.02%	-0.01%	-0.01%	0.08%	0.08%	0.06%	0.08%	0.11%
HCOR34	34.5	PEARL34	34.5 1	0.43	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%
MONTVALE	69.0	L491T	69.0 1	-30.2	0.02%	0.00%	0.00%	0.00%	0.00%	0.02%	0.10%	0.04%	0.03%	0.10%	0.05%
HCOR138	138	CORPORATE DR	138 1	-60.86	-0.01%	0.00%	0.00%	0.00%	0.00%	0.02%	0.04%	0.00%	-0.01%	0.04%	-0.01%
SUB-TOTALS					100.00%	74.60%	76.73%	86.82%	92.40%	93.68%	99.63%	97.87%	96.86%	99.63%	96.84%
MICH-ON				-0.17	0.00%	23.66%	21.59%	12.22%	7.04%	5.84%	0.34%	1.97%	2.90%	0.34%	2.92%
TOTALS					100.00%	98.26%	98.32%	99.04%	99.44%	99.52%	99.97%	99.84%	99.76%	99.97%	99.76%

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	1802.59	-0.18	0.21	826.83	1137.42	188.28	1207.53	1699.58
DUM1	46.09%	0.00%	0.00%	0.00%	81.56%	0.00%	22.96%	44.85%
DUM2	46.09%	0.00%	0.00%	0.00%	81.56%	0.00%	22.96%	44.85%
NIAGARA	46.09%	0.00%	0.00%	0.00%	81.56%	0.00%	22.96%	44.85%
HUNTLEY	45.90%	0.00%	0.00%	0.00%	80.77%	0.00%	22.68%	44.64%
OSWEGO	50.78%	0.00%	0.00%	0.00%	-2.15%	0.00%	29.93%	50.05%
GILBOA	1.60%	0.00%	0.00%	0.00%	0.27%	0.00%	1.25%	1.22%
BETH	-15.76%	0.00%	0.00%	0.00%	-0.26%	0.00%	11.21%	-13.72%
ATHENS	-5.68%	0.00%	0.00%	0.00%	-0.06%	0.00%	5.00%	-5.59%
ROSETON	0.31%	0.00%	0.00%	0.00%	0.01%	0.00%	-0.24%	0.29%
BOWLINE	1.29%	0.00%	0.00%	0.00%	0.02%	0.00%	-1.08%	1.24%
INDIANPT2	1.01%	0.00%	0.00%	0.00%	0.01%	0.00%	-0.85%	0.97%
NORWALK	-5.48%	0.00%	0.00%	0.00%	-0.09%	0.00%	4.23%	-5.11%
BRAYTON	-8.62%	0.00%	0.00%	0.00%	-0.15%	0.00%	6.52%	-7.97%
SBRK	-9.17%	0.00%	0.00%	0.00%	-0.16%	0.00%	6.93%	-8.48%
LAMBTON	46.48%	100.00%	0.00%	0.00%	83.71%	0.00%	23.53%	45.28%
BECK	46.48%	100.00%	0.00%	0.00%	83.71%	0.00%	23.53%	45.28%
CONEMAUGH	41.71%	0.00%	0.00%	100.00%	39.70%	0.00%	16.52%	40.03%
SALEM	41.61%	0.00%	0.00%	100.00%	38.42%	0.00%	16.37%	39.91%
PORTLAND	41.51%	0.00%	0.00%	100.00%	37.28%	0.00%	16.22%	39.80%
HUDSON	41.55%	0.00%	0.00%	100.00%	37.74%	0.00%	16.28%	39.84%
EDDYSTONE	41.61%	0.00%	0.00%	100.00%	38.36%	0.00%	16.36%	39.90%
BRANDON	41.69%	0.00%	0.00%	100.00%	39.39%	0.00%	16.49%	40.00%
KARNS	41.84%	0.00%	0.00%	100.00%	40.98%	0.00%	16.70%	40.16%
ZEEL	41.84%	0.00%	0.00%	100.00%	40.97%	0.00%	16.70%	40.16%
BOWEN	41.80%	0.00%	0.00%	100.00%	40.62%	0.00%	16.65%	40.13%
BAYSHORE	41.86%	0.00%	0.00%	100.00%	41.21%	0.00%	16.74%	40.19%
MTSTORM	41.77%	0.00%	0.00%	100.00%	40.29%	0.00%	16.61%	40.09%
HATFIELD	41.78%	0.00%	0.00%	100.00%	40.35%	0.00%	16.61%	40.10%
NEWTON	41.82%	0.00%	0.00%	100.00%	40.80%	0.00%	16.68%	40.15%
BB-RAMAPO	8.39%	6.32%	-5.84%	-6.32%	7.42%	TRIP	4.59%	7.19%

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	1802.59	-0.18	0.21	826.83	1137.42	188.28	1207.53	1699.58
DUM1	29.85%	-15.35%	14.24%	15.35%	50.36%	9.90%	14.55%	25.87%
DUM2	29.85%	-15.35%	14.24%	15.35%	50.36%	9.90%	14.55%	25.87%
NIAGARA	29.85%	-15.35%	14.24%	15.35%	50.36%	9.90%	14.55%	25.87%
HUNTLEY	29.32%	-15.78%	14.64%	15.78%	48.46%	10.17%	14.16%	25.35%
OSWEGO	41.38%	-8.22%	7.60%	8.22%	-13.24%	4.52%	23.67%	36.98%
GILBOA	-3.87%	-3.80%	3.51%	3.80%	-4.74%	1.29%	-1.72%	-4.42%
BETH	-21.47%	-4.24%	3.92%	4.24%	-4.65%	1.25%	8.90%	-16.58%
ATHENS	-9.69%	-2.96%	2.73%	2.96%	-3.49%	0.34%	2.90%	-9.38%
ROSETON	-1.76%	-1.47%	1.36%	1.47%	-1.75%	-1.21%	-1.27%	-1.67%
BOWLINE	1.30%	0.14%	-0.13%	-0.14%	0.13%	-4.85%	-0.86%	1.09%
INDIANPT2	1.00%	0.11%	-0.10%	-0.11%	0.11%	-3.86%	-0.66%	0.84%
NORWALK	-6.45%	-1.66%	1.54%	1.66%	-1.67%	-0.21%	2.18%	-4.20%
BRAYTON	-14.19%	-3.18%	2.94%	3.18%	-2.92%	0.49%	5.58%	-8.08%
SBRK	-15.59%	-3.45%	3.18%	3.45%	-3.05%	0.64%	6.23%	-8.25%
LAMBTON	23.42%	43.51%	55.93%	56.49%	25.66%	13.78%	10.78%	19.90%
BECK	30.45%	78.98%	19.51%	21.02%	47.59%	9.80%	15.04%	26.26%
CONEMAUGH	13.57%	9.06%	-8.39%	90.94%	11.46%	18.80%	4.85%	11.60%
SALEM	9.07%	5.94%	-5.48%	94.06%	6.87%	21.49%	2.82%	7.75%
PORTLAND	7.95%	4.28%	-3.96%	95.72%	4.95%	16.73%	2.20%	6.79%
HUDSON	2.98%	1.57%	-1.45%	98.43%	1.81%	5.61%	0.46%	2.55%
EDDYSTONE	9.06%	5.87%	-5.42%	94.13%	6.80%	21.65%	2.81%	7.74%
BRANDON	12.39%	9.73%	-8.96%	90.27%	10.56%	19.63%	4.41%	10.59%
KARNS	18.38%	24.56%	-23.41%	75.44%	18.60%	16.33%	7.73%	15.66%
ZEEL	18.21%	23.97%	-22.76%	76.03%	18.37%	16.41%	7.63%	15.52%
BOWEN	15.92%	16.63%	-14.92%	83.37%	15.17%	17.62%	6.30%	13.59%
BAYSHORE	18.16%	22.97%	-22.11%	77.03%	18.34%	16.41%	7.58%	15.48%
MTSTORM	14.64%	12.95%	-11.94%	87.05%	13.37%	18.30%	5.55%	12.50%
HATFIELD	14.76%	12.47%	-11.53%	87.53%	13.41%	18.19%	5.58%	12.61%
NEWTON	16.68%	18.72%	-16.72%	81.28%	16.21%	17.21%	6.72%	14.23%
BB-RAMAPO	8.39%	6.32%	-5.84%	-6.32%	7.42%	TRIP	4.59%	7.19%

This page is intentionally left blank