

Appendix A – SCHEDULE OF SIGNIFICANT INTERCHANGES ASSUMED FOR TRANSFER LIMITS STUDIES

SUMMARY OF NET INTERCHANGE SCHEDULES

TO FROM	NYISO	PJM	IESO	ISONE	NB/NS	Trans Énergie	Cross- Sound	Neptune- HVdc	Linden VFT	HTP	NNC Transfer	Other Control Areas	TOTAL EXPORT+ IMPORT-
NYISO		37	0	90	0	-1300	-330	-660	-315	-319	-100	195	-2702
PJM	-37		0	0	0	0	0	660	315	319	0	-4885	-3628
IESO	0	0		0	0	-1250	0	0	0	0	0	0	-1250
ISONE	-90	0	0		-800	-1725	330	0	0	0	100	0	-2185
NB/NS	0	0	0	800		-785	0	0	0	0	0	0	15
Trans Énergie	1300	0	1250	1725	785		0	0	0	0	0	45	5105

APPENDIX A	
SUMMARY OF SUMMER 2020 BASE TRANSFERS	
NEW BRUNSWICK/NOVA SCOTIA	
New Brunswick to TransÉnergie: Madawaska and Eel River HVdc	-785
New Brunswick to New England	800
Total Export (+) / Import (-)	15

NEW ENGLAND	
New England to New Brunswick	-800
New England to TransÉnergie: Sandy Pond HVdc	-1500
New England to TransÉnergie: Vermont	-225
New England to New York	-90
New England to NY: Norwalk Harbor-Northport	100
New England to NY: Cross-Sound	330
Total Export (+) / Import (-)	-2185

NEW YORK ISO	
New York to TransÉnergie	-1300
New York to New England	90
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	70
New York to PJM: Sithe Allegheny	-37
New York to PJM: Non-Firm Energy	0
New York to PJM: Linden VFT	-315
New York to PJM: Neptune HVdc	-660
New York to PJM: HTP	-319
New York to MISO: NYPA to AMP- Ohio	125
New York to IESO (Ontario)	0
Total Export (+) / Import (-)	-2702

APPENDIX A	
SUMMARY OF SUMMER 2020 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	-70
PJM to New York: Sithe Allegheny	37
PJM to New York: Non Firm Energy	0
PJM to New York: Neptune HVdc	660
PJM to New York: Linden VFT	315
PJM to New York: HTP	319
Miscellaneous Transfers to Other Areas	-4885
Total Export (+) / Import (-)	-3628

TRANSÉNERGIE	
TransÉnergie to New Brunswick: Madawaska and Eel River HVdc	785
TransÉnergie to New England: Sandy Pond HVdc	1500
TransÉnergie to New England: Vermont	225
TransÉnergie to New York	1300
TransÉnergie to IESO (Ontario)	1250
TransÉnergie to Cornwall	45
Total Export (+) / Import (-)	5105

Appendix B – SUMMER 2020 BASE CASE CONDITIONS

Summer 2020 Conditions

GENERATION FACILITIES (LEVEL OF GENERATION IN CASE)

The status and dispatch level of generation represented in this analysis are a reasonable expectation based on the information available at the time of the study. Those modeling assumptions incorporate known unit outage status.

TransÉnergie HVdc CONVERTER SCHEDULES

Chateaugay HVdc	842 MW	In Service
Sandy Pond HVdc	1500 MW	In Service
Highgate HVdc	225 MW	In Service
Madawaska HVdc	300 MW	In Service
Eel River HVdc	300 MW	In Service

AREA LOADS & LOSSES

NYISO	32,357 MW
ISO-NE	25,757 MW
IESO (Ontario)	23,066 MW
PJM	56,108 MW

PHASE ANGLE REGULATOR SCHEDULES

Inghams (CD-ED)	120 MW
Sandbar PAR (PV-20)	100 MW
St. Lawrence-Moses L33P	0 MW
St. Lawrence-Moses L34P	0 MW
Norwalk Harbor-Northport	100 MW
Jamaica-Valley Stream	-100 MW
Jamaica-Lake Success	-200 MW
Hudson-Farragut (B3402)	0 MW
Marion-Farragut (C3403)	0 MW
Linden-Goethals	0 MW
Waldwick-Hinchmans	0 MW
Waldwick-Fairlawn	0 MW
Waldwick-Hillsdale	0 MW
Ramapo PAR #1 (+ to NY)	178 MW
Ramapo PAR #2 (+ to NY)	178 MW

East Garden City #1

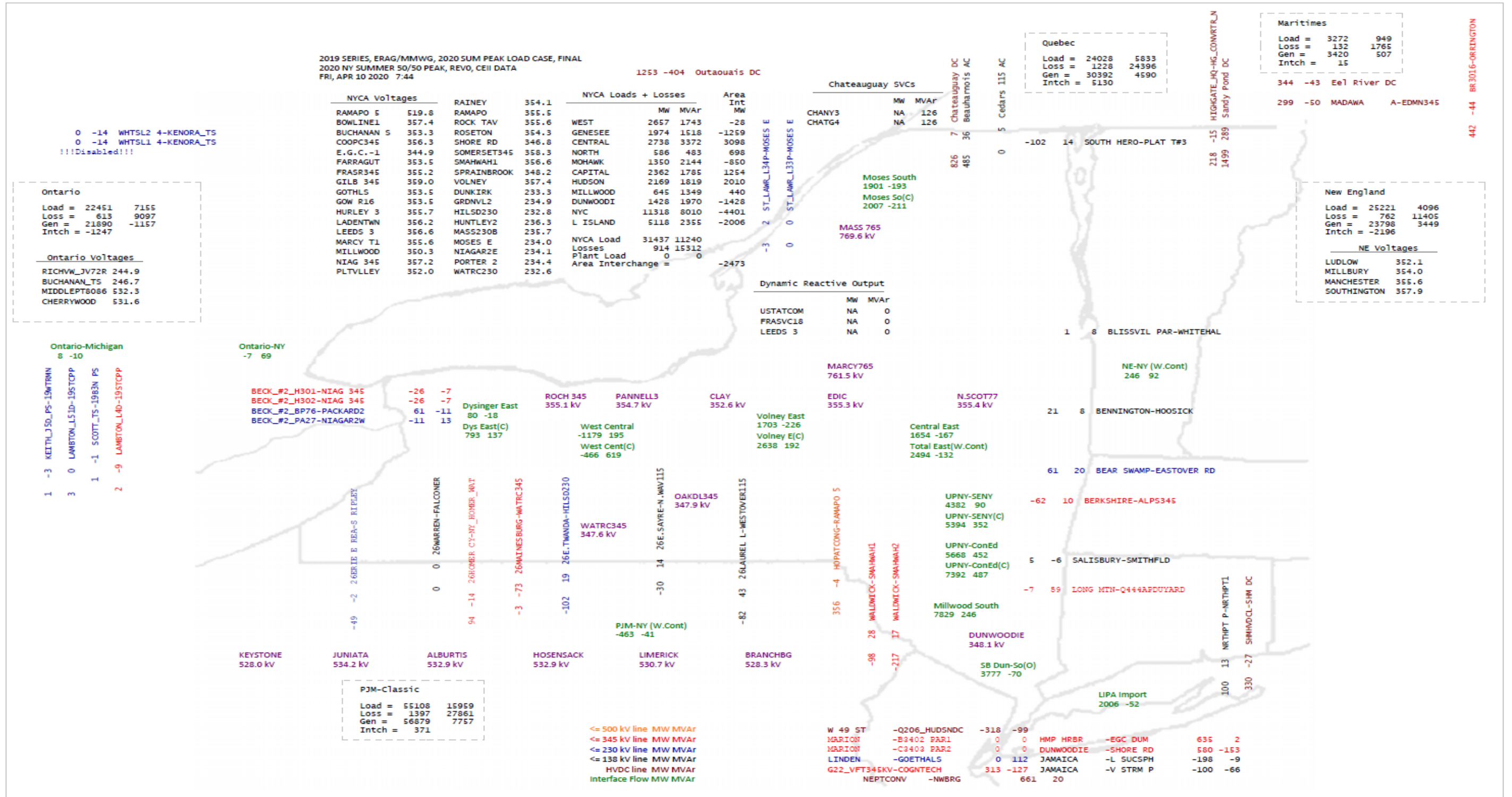
315 MW

East Garden City #2

315 MW

Appendix C – POWER FLOW TRANSCRIPTION DIAGRAM

SYSTEM OVERVIEW



Appendix D – RATINGS OF MAJOR TRANSMISSION FACILITIES IN NEW YORK

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
ACADEMY_138A_138B_PAR8	325750	251	312	372	PAR8	138	150
ACADEMY_345_138_TR1	325753	252	316	364	TR1	345	150
ACADEMY_345_138_TR8	325752	252	316	364	TR8	345	150
ADIRNDCK_230_115_BK1	26697	115	144	172	BK1	115	81
ADIRNDCK-CHASLAKE_230_13	325233	440	478	560	13	230	160
ADIRNDCK-PORTER_230_12	25082	440	478	560	12-AP	230	180
AKRONVIL-N.AKRON_115_107	326868	182	197	248	107	115	17
ALBANY_-GREENBSH_115_1	25860	186	214	237	1	115	139
ALBANY_-GREENBSH_115_2	25868	186	214	237	2	115	139
ALBANY_-TRINITY_115_5	25861	198	201	201	5	115	123
ALBANY_-TRINITY_115_9	25872	147	178	258	9	115	82
ALCOA_-BRADY_115_13	25230	128	147	159	13	115	15
ALCOA_-DENNISON_115_12	25227	175	202	222	12-AD	115	37
ALCOA_PA-ALCOA_115_R8105	25202	206	247	310	R8105	115	28
ALCOA_PA-GRASRIVR_115_MAL4	326295	218	253	291	MAL4	115	74
ALCOA_PA-GRASRIVR_115_MAL5	326296	218	253	291	MAL5	115	74
AMAWALK_-MOHANSIC_115_995 U.G.	26481	78	78	80	995UG	115	10
AMAWALK_-MOHANSIC_115_996 U.G.	26480	97	97	97	996UG	115	14
ANDOVER_-PALMITER_115_157-932	25094	79	101	108	157_932	115	8
ANHRBUSH-LYSANDER_115_9	326803	192	221	245	9	115	11
ARCADE_-MACHIAS_115_167	326168	129	148	160	151	115	5
ASH_-TEMPLE_115_9	26062	207	233	233	9	115	1
ASHLEYRD-MASONCR_115_909	25847	155	179	193	909	115	9
ASHLEYRD-PLATSBRG_115_700	25845	174	193	220	700	115	58
ASTANNEX_138A_138B_PAR1	325848	347	416	464	PAR1	138	75
ASTANNEX_345_138_TR1	325847	268	335	393	TR1	345	75
ASTANNEX-ASTORIAE_138_34091	325849	236	272	304	34091	138	75
ASTANNEX-E13THSTA_345_Q35L	25134	499	741	1476	Q35L	345	133
ASTANNEX-E13THSTA_345_Q35M	25142	499	741	1476	Q35M	345	149
ASTENRG2-ASTANNEX_345_G13	325744	850	950	1050	G13	345	27
ASTORIAE-ASTORIA3_138_34123	25876	271	311	400	34123	138	114
ASTORIAE-CORONA_138_34181	25277	174	235	368	34181	138	129
ASTORIAE-CORONA_138_34182	25278	174	235	368	34182	138	125
ASTORIAE-CORONA_138_34183	25279	174	235	368	34183	138	129
ASTORIAE-CORONA_138_34184	25280	174	235	368	34184	138	120
ASTORIAE-CORONA_138_34185	25281	174	235	368	34185	138	114

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
ASTORIAE-CORONA__138_34186	25282	174	235	368	34186	138	116
ASTORIAW-QUENBRDG_138_28241	25315	174	235	368	28241	138	69
ASTORIAW-QUENBRDG_138_28242	25316	174	235	368	28242	138	71
ASTORIAW-QUENBRDG_138_28243	25317	348	469	688	28243	138	130
ASTORIAW-QUENBRDG_138_28244	25318	363	525	688	28244	138	150
ATHENS__-PLSNTVLY_345_91	25054	1331	1538	1724	91	345	954
AYERREND-TNWDA206_115_36	326367	174	177	178	36	115	47
AYERREND-TNWDA206_115_37	326370	171	171	171	37	115	47
BABBITSC-LIGHTHSE_115_6	25506	116	120	145	6	115	0
BAGATLRD-PILGRIM__138_564	325607	445	505	573	564	138	42
BAKER_ST-FALCONER_115_160	26513	176	197	239	160-3	115	19
BALLSTON-SWAGRTWN_115_1	326826	271	313	359	1	115	91
BALLSTON-TAPBLSTN_115_1	325896	220	252	280	1	115	91
BALLSTON-TAPBLSTN_115_302	325897	220	252	280	302	115	15
BALLSTON-WESTMLTN_115_302	326823	220	252	280	302	115	15
BARBEACH-GLENWOOD_69_472	325219	125	154	170	472	69	44
BARRETT__138_69_BK1	26600	112	139	156	BK1	138	139
BARRETT__138A_138B_PAR	25590	266	271	325	B_PAR	138	105
BARRETT_-BLDWN_LI_69_359	26596	99	147	178	359	69	61
BARRETT_-FREEPORT_138_459	26425	184	271	325	459	138	105
BATAVIA_-EBATAVIA_115_107	326099	159	159	159	107	115	3
BATAVIA_-SEBATVIA_115_117	26017	220	239	239	117	115	9
BATH____-MONTRFL_115_965	26163	124	139	149	965	115	25
BATH____-SPENCHIL_115_723	325797	124	139	159	723	115	9
BATNKILL-EASTOVER_115_10	26474	186	214	237	10	115	112
BEAR SWP-EASTOVER_230_E205W	25030	440	505	555	E205W	230	26
BECK____-NIAGARA_230_PA27	25025	400	460	558	PA27	230	0
BECK____-NIAGARA_345_PA301	25040	1070	1322	1714	PA301	345	39
BECK____-NIAGARA_345_PA302	25041	1070	1322	1714	PA302	345	39
BECK____-PACKARD_230_BP76	25024	500	587	588	BP76	230	79
BELLMORE-MASSAPEQ_69_566	26522	100	120	130	566	69	29
BELLMORE-NEWBRDGE_69_564	26590	88	117	146	564	69	59
BELMONT_-HOPKINS__115_13	326806	221	256	287	13	115	29
BELMONT_-WOODARD__115_4	326805	156	179	195	4	115	60
BENETTRD-E_DUNKRK_115_161	326231	168	185	206	161-3	115	19
BENETTRD-E_DUNKRK_115_162	326233	168	185	206	161-3	115	17
BENNETT_-MORAINES_115_725	325858	125	152	179	725	115	39
BENNETT_-SPENCHIL_115_953	26164	124	139	159	953	115	3
BERKSHIR-ALPS____345_393	25034	1463	1697	1912	393	345	30
BERKSHIR-NORTHFLD_345_312	25366	1345	1345	1793	312	345	71

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
BERRY_LI-W.BABYLN_69_655	326359	73	87	92	655	69	12
BERRY_RD-BAKER_ST_115_160	26512	193	213	240	160-2	115	4
BETHLHEM-ALBANY__115_18	26119	329	369	423	18-BA	115	118
BETHLMRD-ROCKTVRN_115_RD	326346	125	144	155	RD	115	51
BIGTREE_-DAVIS_RD_115_904	25162	139	163	183	904	115	8
BIGTREE_-LANGNERD_115_903	326050	176	196	225	903	115	65
BLACKRVR-CLIMAX___115_1	26067	116	120	145	1-BC	115	37
BLACKRVR-EWATRTWN_115_5	325771	116	120	145	5	115	28
BLACKRVR-FORTDRUM_115_2	26068	116	120	145	2-BF	115	31
BLACKRVR-GLENPARK_115_3	325315	119	119	119	3	115	27
BLDWN_LI-BELLMORE_69_459	326378	99	147	178	459	69	8
BLISSVIL-WHITEHAL_115_K7	25028	187	217	229	K7	115	25
BLUESTOR-LAFARGE_115_8	326091	116	120	145	8	115	49
BLUESTOR-PLSTVYCH_115_13-987	25505	129	158	192	13-987	115	35
BLUESTOR-PLSTVYCH_115_8	25498	116	120	145	8	115	45
BNNINGTN-HOOSICK__115_K6	25029	150	217	239	K6	115	17
BNVLMUNI-PORTER___115_2	325778	100	100	100	2	115	18
BOONVLE-BNVLMUNI_115_2	26073	96	96	96	2	115	2
BOONVLE-PORTER___115_1	26074	100	100	100	1-BP	115	15
BOONVLE-ROME____115_3	26071	116	120	122	3	115	41
BOONVLE-ROME____115_4	26072	105	114	123	4	115	48
BORDRCTY-GUARDIAN_115_969	325283	176	179	179	969	115	75
BOWLINE__345_138_BK455	25664	506	587	671	BK455	345	208
BOWLINE_-WHAVSTRW_345_67-1	25567	687	747	747	67-1	345	570
BOWLINOR-CONGERS_138_561	26723	317	363	383	561	138	172
BRADY___-NOGDNBRG_115_13	326348	193	213	240	13	115	14
BRDGHMPT-BUELL___69_968	26625	107	107	107	968	69	24
BRENTWOD-BRGHTWTR_69_763_764	26532	100	120	130	763_764	69	40
BRENTWOD-BRGHTWTR_69_769	26533	100	120	130	769	69	63
BRENTWOD-PILGRIM__69_660	26535	83	96	102	660	69	44
BRENTWOD-PILGRIM__69_765	26536	236	259	266	765	69	58
BRENTWOD-PILGRIM__69_768	26534	83	96	102	768	69	44
BRGHTWTR-WATSON___69_772_773	26537	73	87	92	772	69	24
BRIGHAM_-LUDLUM___115_161	26020	168	185	206	161-2	115	33
BRIGHAM_-LUDLUM___115_162	326228	168	181	206	162-1	115	28
BRISTLHL-CLAY____115_4	25518	105	107	107	4	115	33
BRISTLHL-S.OSWEGO_115_4	25512	105	114	134	4	115	48
BROOK_RD-SMITHBRD_115_2	325901	232	241	291	2	115	29
BROOK_RD-SMITHBRD_115_302	325902	220	253	280	302	115	19
BROOK_RD-TAPBROOK_115_2	325899	232	241	291	2	115	64

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
BROOK_RD-TAPBROOK_115_302	325900	220	253	280	302	115	36
BROOKHVN_138_69_BK 1	26548	227	282	318	BK 1	138	106
BROOKHVN_138_69_BK 2	325152	227	282	318	BK 2	138	98
BROOKHVN-EASTPORT_69_854_855	26620	73	87	92	854_855	69	90
BROOKHVN-EDWARDAV_138_864	25553	275	435	557	864	138	152
BROOKHVN-SILLSRD_138_874	325617	395	481	568	874	138	132
BROOKHVN-SILLSRD_138_887	325619	395	481	568	887	138	132
BROOKHVN-WILDWOOD_138_861	325932	389	474	560	861	138	91
BROOKVLE-JERICH0_69_473	326400	66	83	88	473	69	2
BROWNFLS-HIGLEY_115_1	26078	102	122	135	1-BH	115	45
BROWNFLS-TAYLORVL_115_3	26076	102	120	135	3-BT	115	52
BROWNFLS-TAYLORVL_115_4	26077	105	114	134	4-BT	115	52
BUCHAN_N_345_138_BK TA5	25425	195	272	343	BK TA5	345	129
BUCHAN_N-BUCHANAN_138_95891	25568	225	273	345	95891	138	129
BUCHAN_N-EASTVIEW_345_W93	25133	1722	1894	2404	W93	345	1282
BUCHAN_S-MILLWOOD_345_W97	25146	1490	1664	1876	W97	345	997
BUCHAN_S-MILLWOOD_345_W98	25247	1490	1664	1876	W98	345	997
BUCHANAN-MILLWOOD_138_96951	25283	275	302	383	96951	138	31
BUCHANAN-MILLWOOD_138_96952	25284	275	302	383	96952	138	31
BUFAL129-MAPLE140_115_38	326159	145	151	185	38	115	81
BUFAL129-MAPLE140_115_39	326160	145	151	185	39	115	79
BUFALO54-BUFALO61_115_38	326155	187	215	236	38	115	59
BUFALO54-BUFALO61_115_39	326156	174	181	226	39	115	57
BUFALO61-URBAN154_115_38	326153	174	181	226	38	115	54
BUFALO61-URBAN154_115_39	326154	174	181	226	39	115	53
BUFALO78-HUNTLEY_115_130	26043	168	181	206	130	115	94
BUFALO78-YOUNG214_115_133	326290	168	185	206	133	115	117
BULYMO_-BOONVLE_115_6	325265	116	120	145	6	115	47
BURDECK_-ALTAMONT_115_17	26151	116	120	145	17-BA	115	65
BURDECK_-VORHVSLE_115_19	26152	116	120	145	19-BV	115	67
BURGOYNE-MOHICAN_115_13	326309	116	120	145	13-MW	115	25
BURGOYNE-WHITEHAL_115_6	326308	107	107	107	6	115	8
BURNS_138_69_BK 519	25889	208	258	284	BK 519	138	75
BURNS_-CORPDRIV_138_702	325812	189	217	226	702	138	100
BURNS_-N.HEMPST_138_531	25878	236	270	285	531	138	15
BURNS_-NANUET_69_49	26252	120	138	145	49	69	70
BURNS_-WHAVSTOR_138_541	25879	236	270	285	541	138	78
BUTLER_-MOHICAN_115_18	26434	116	120	145	18	115	18
C_ISLIP_138_69_BK 3	26519	228	263	302	BK 3	138	104
C_ISLIP-PINES_69_759	26531	142	155	178	759	69	6

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
C_ISLIP-RONKOKMA_138_883	26497	391	476	562	883	138	68
CANAL__-DEERFILD_69_972	325239	107	107	107	972	69	64
CANAL__-RIVRHEAD_138_910	325242	217	247	283	910	138	159
CANANDGA-STONYRDG_230_68	25176	498	534	566	68	230	56
CARD___-MILSTONE_345_383	25332	1488	1912	2097	383	345	210
CARMEL__-UNIONVAL_115_991	26155	215	247	275	991	115	65
CARMEL__-WOODSTNY_115_992	325278	215	247	270	992	115	97
CARR_ST_-BM_CC_GM_115_6	325216	187	213	236	6	115	67
CARR_ST_-DEWITT___115_15	26093	187	213	236	15-CD	115	3
CARRSCRN-SALAMANC_115_153	326163	128	147	159	153	115	25
CARRSCRN-SALAMANC_115_154	326165	128	147	159	154	115	28
CASTLEGD-FULLRHLW_115_937	325222	249	287	319	937	115	9
CATON___-HILLSIDE_115_960	325290	102	113	120	960	115	34
CAVANARD-PORTER___115_7	325214	116	120	145	7	115	53
CEDAR___-BURGOYNE_115_6	26516	116	120	145	6	115	25
CEDARS__-ROSEMNTA_115_1/11	26083	128	147	159	43770	115	0
CEDARS__-ROSEMNTB_115_2/22	26082	128	147	159	43518	115	0
CEDRHRST-HEWLETT__69_263	326318	114	132	146	263	69	11
CHADWICK-E.WALDEN_115_DW	26218	176	211	240	DW-3	115	46
CHADWICK-WBALMVLE_115_DW	26217	175	193	220	DW-2	115	56
CHASLAKE-PORTER___230_11	25051	440	505	516	11	230	188
CHAT_TAP-LYON_MTN_115_1(911)	325704	135	159	175	911	115	21
CHATEAUG-CHAT_TAP_115_911	325705	38	39	41	911	115	2
CHATGUAY-MASSENA__765_7040	25301	3975	4839	5300	7040	765	1108
CHEMUNG_-NWAVERLY_115_962	325289	150	180	196	962	115	43
CHESTROR-SUGRLOAF_138_271	325424	236	270	285	271	138	34
CHRCHTWN-BLUESTOR_115_13-987	26685	175	179	179	13-987	115	47
CHRCHTWN-CRARYVIL_115_984	26500	113	144	173	984	115	26
CHRCHTWN-SCHODACK_115_14-984	26126	175	196	224	14/984	115	73
CHURCH_S-ROTTDAM_115_10	26428	116	120	131	10-AR	115	24
CLAY___345_115_BK 1	25387	455	606	794	BK 1	345	243
CLAY___345_115_BK 2	25421	478	637	794	BK 2	345	243
CLAY___-COLAMCRS_115_5	25522	219	252	280	5	115	57
CLAY___-DEWITT___115_3	25519	116	120	139	3-CD	115	67
CLAY___-DEWITT___345_13	25168	1109	1344	1529	13	345	535
CLAY___-EDIC___345_1-16	25200	1301	1501	1685	43481	345	287
CLAY___-EDIC___345_2-15	25169	1301	1501	1685	43511	345	288
CLAY___-EUCLID___115_11	25516	220	252	280	11	115	119
CLAY___-EUCLID___115_17	25515	220	252	280	17	115	108
CLAY___-INDPDNCE_345_26	25858	1670	1931	2210	26	345	925

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
CLAY___-TEALLAVE_115_10	25520	116	120	145	10-CT	115	77
CLAY___-WETZEL_115_14	25517	220	252	280	14-CG	115	84
CLEARWTR-ANHRBUSH_115_9	326798	192	221	245	9	115	89
CLIMAX_-TAYLORVL_115_8	26431	105	114	134	8-CT	115	6
CLINTON_-IMC_TAP_115_15	26128	116	120	145	15-CI	115	14
CLRKSCRN_345_115_BK1	325724	235	255	295	BK1	345	63
CLRKSCRN_345_115_BK2	325725	235	255	295	BK2	345	63
CLRKSCRN-OAKDALE_345_36	325726	1207	1327	1590	36	345	670
CLYDE___115_34_TR1	25221	125	143	154	TR1	115	21
CLYDE___-STATE_ST_115_3-971	68810	119	143	154	971	115	34
COBBLENM-COBBLENY_115_BK 1	25426	40	41	45	BK 1	115	10
COBBLENM-SPRINGVL_115_151	326166	129	148	160	151	115	18
COBBLENM-SPRINGVL_115_152	326170	129	148	160	152	115	8
CODNIGTN-E.ITHACA_115_981	25730	108	128	143	981-1	115	33
CODNIGTN-ETNA___115_998	25734	227	253	283	998	115	68
COFFEEN_-EWATRTWN_115_5	325769	119	119	119	5	115	22
COFFEEN_-GLENPARK_115_3	26069	119	119	119	3-CG	115	54
COLAMCRS-DUGUID___115_5	326819	219	252	280	5	115	48
COLDENHM-ROCKTVRN_115_J	26420	232	257	304	J	115	16
COLDSPRG-CARRSCRN_115_905	26440	36	40	42	905	115	11
COLLIERS-RICHFELD_115_929	26169	125	152	215	929	115	4
COLTON___-FLATROCK_115_2	26088	114	123	142	2-CF	115	46
COLTON___-HIGLEY___115_1	26087	128	147	159	1-HC	115	46
COLTON___-LITTLRIV_115_7	26086	63	63	63	7	115	1
COLTON___-TOWNLINE_115_9	325641	119	119	119	9	115	4
COMMACK_-ELWOOD___69_669	325266	73	87	92	669	69	33
COMSTKNM-BURGOYNE_115_13	26484	116	120	145	13-MW	115	25
CONGERS_-SNKEHLRD_138_563	25887	317	363	383	563	138	134
COOPERNY-FERNDALE_115_950	26171	176	179	179	950	115	55
COOPERNY-ROCKHILL_115_957	325614	144	160	173	957	115	36
COOPERS_345_115_BK 2	25433	220	261	300	BK 2	345	70
COOPERS_345_115_BK 3	25434	220	261	300	BK 3	345	70
COOPERS_-DOLSONAV_345_CCDA42	25111	1793	1793	1793	CCDA42	345	427
COOPERS_-MIDDLETP_345_CMT-34	25110	1464	1793	1793	CMT-34	345	694
CORNING_-MCADOO___115_4	326380	128	147	159	4	115	10
CORONA___138A_138B_BK R1	25621	181	253	319	B_BK R1	138	45
CORONA___138A_138C_BK R2	25622	181	253	319	C_BK R2	138	45
CORONA___-JAMAICA_138_18001	25285	143	212	357	18001	138	45
CORONA___-JAMAICA_138_18002	25286	143	212	357	18002	138	45
CORONAAV-VALLYSTR_69_265	26594	100	120	130	265	69	62

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
CORPDRIV-HARNGCRN_138_703	25881	189	222	250	703	138	78
CORTLAND-LABDELFE_115_3	325248	125	143	154	3	115	10
CORTLAND-TULLERHL_115_1-716	25059	128	147	159	1	115	3
CORTLAND-TULLYCTR_115_18	26089	176	211	239	18	115	45
CRESSKL_-SPARKL__69_751	26504	118	135	142	751	69	8
CROUSEHD-HOPKINS__115_13	326783	220	252	280	13	115	16
CURRY_RD-LINE8TAP_115_8	26254	116	120	145	8	115	7
CURTIS_-LYSANDER_115_13	326782	182	182	182	13	115	77
CURTPALM-EJWEST__115_9	326146	128	147	159	9	115	2
DALEROAD-GARDNVLB_115_39	26036	168	181	206	39	115	47
DANSKAMR-CHADWICK_115_DW	26219	183	248	279	DW-1	115	103
DANSKAMR-MARLBORO_115_DB	26221	183	215	237	DB	115	0
DANSKAMR-NCHELSEA_115_AC	25829	183	211	295	AC	115	112
DANSKAMR-NCHELSEA_115_DC	25830	178	199	295	DC	115	116
DANSKAMR-RYND5_HL_115_DR	25831	183	248	279	DR	115	106
DASHVILLE-BOULEVRD_69_O	26212	45	47	55	O	69	4
DAVIS_RD-STOLLERD_115_927	26172	203	226	239	927	115	16
DEERFLD_-SCOBIE__345_373	26383	1373	1373	1373	373	345	293
DEKALB_-BATTHILL_115_4	326398	76	87	89	4	115	16
DELEMTER-LAKEVIEU_115_141	325873	88	101	108	141	115	25
DELEMTER-LAKEVIEU_115_142	325880	88	101	108	142	115	37
DELHI__-DELHI_TP_115_951	26174	164	164	164	951	115	88
DELHI__-GR.GORGE_115_916	26479	90	90	90	916	115	12
DELHI__-VINGR_TP_115_917_916	25911	120	120	120	917-916	115	19
DELHI_TP-COLLIERS_115_951	26203	239	239	239	951-2	115	48
DENNISON-LAWRNCVAV_115_5	25226	220	252	280	5	115	18
DENNISON-NORFOLK_115_4	25225	220	252	280	4	115	20
DENNISON-ROSEMNTA_115_1/11	25523	176	203	223	1-RD	115	0
DENNISON-ROSEMNTB_115_2/22	25524	176	203	223	2-RD	115	0
DEPEW_NG-ERIE_ST__115_54-921	26010	124	138	158	54-921	115	32
DEPEW_TP-DEPEW__115_BK 1	25428	108	120	120	BK 1	115	13
DEWITT__345_115_BK 2	25418	517	658	794	BK 2	345	234
DEWITT__-TEALLAVE_115_4	26094	116	120	145	4-DT	115	50
DOLSONAV-ROCKTVRN_345_DART44	326310	1704	1852	2195	DART-44	345	1044
DUGUID__-DEWITT__115_5	326736	193	213	240	5	115	29
DULEY__-PATNODE__230_PND-1	325856	397	476	504	PND-1	230	57
DULEY__-PLATSBRG_230_DP-1	25272	247	277	318	DP-1	230	0
DUNKIRK__230_115_BK 31	25386	139	197	248	BK 31	230	42
DUNKIRK__230_115_BK 41	25430	133	190	248	BK 41	230	41
DUNKIRK_-BERRY_RD_115_160	26025	193	213	239	160-1	115	31

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
DUNKIRK_-BRIGHAM_115_161	26021	168	181	206	161-1	115	36
DUNKIRK_-BRIGHAM_115_162	26027	168	181	206	162-1	115	28
DUNKIRK_-SILVRCK_115_141	26026	88	101	108	141	115	10
DUNKIRK_-SILVRCK_115_142	26018	88	101	108	142	115	12
DUNWODIE_138_138_BK N1	25624	315	375	433	BK N1	138	115
DUNWODIE_138_138_BK N2	25623	194	293	400	BK N2	138	115
DUNWODIE_138_138_BK S1	25626	345	491	600	BK S1	138	180
DUNWODIE-DUNWOODN_345_W74	326212	411	494	554	W74	345	297
DUNWODIE-DUNWOODS_345_W73	326211	310	387	424	W73	345	254
DUNWODIE-E179THST_138_99153	25287	233	348	617	99153	138	180
DUNWODIE-MOTTHAVN_345_71	25151	707	833	1298	71	345	602
DUNWODIE-MOTTHAVN_345_72	25191	707	833	1298	72	345	601
DUNWODIE-SHERMCRK_138_99031	25193	139	187	303	99031	138	115
DUNWODIE-SHERMCRK_138_99032	25239	189	288	393	99032	138	115
DUNWODIE-SHORE_RD_345_Y50	25091	600	862	1526	Y50	345	583
DUNWOODN_345_138_BK N1	25209	411	494	554	BK N1	345	296
DUNWOODS_345_138_BK S1	25208	310	387	424	BK S1	345	254
DUNWOODS-DUNWOODN_138_99997	25532	205	255	311	99997	138	3
E.ITHACA-ETNA_115_981	25733	108	128	143	981	115	73
E.SAYRE_-NWAVERLY_115_956	25013	108	128	143	956	115	25
E.TWANDA-HILLSIDE_230_70	25014	483	531	630	70	230	89
E.WALDEN_115_69_TR_3	26681	52	69	81	TR_3	115	20
E.WALDEN-COLDENHM_115_CW	26225	232	257	304	CW	115	13
E.WALDEN-MODENA_115_EM	25832	232	257	304	EM	115	19
E.WALDEN-ROCKTVRN_115_D	26226	233	265	312	D	115	20
E_DUNKRK-LAONA_115_161	326232	88	101	108	161	115	4
E_DUNKRK-LAONA_115_162	326234	88	101	108	162	115	5
E13THSTA_138_69_BK 9	26488	147	188	235	BK 9	138	0
E13THSTA_345_138_BK 10	25467	273	288	315	BK 10	138	129
E13THSTA_345_138_BK 11	25468	273	288	315	BK 11	138	108
E13THSTA_345_138_BK 12	25463	274	312	343	BK 12	138	123
E13THSTA_345_138_BK 13	25464	258	320	368	BK 13	138	105
E13THSTA_345_138_BK 14	25465	251	280	305	BK 14	138	120
E13THSTA_345_138_BK 15	25466	273	288	315	BK 15	138	128
E13THSTA_345_138_BK 16	25469	270	304	338	BK 16	138	121
E13THSTA_345_69_BK 17	25459	247	321	409	BK 17	69	43
E13THSTA_69C_69A_BK 112	25631	79	110	139	BK 112	69	10
E13THSTA_69D_69A_BK 113	25632	79	110	139	BK 113	69	10
E13THSTA_69E_69A_BK 114	25633	79	110	139	BK 114	69	10
E13THSTA-EASTRIVR_138_37041	326190	148	242	432	37041	138	10

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
E13THSTA-EASTRIVR_138_37042	326191	148	242	432	37042	138	0
E13THSTA-EASTRIVR_138_37043	326192	148	242	432	37043	138	10
E13THSTA-EASTRIVR_138_37044	326193	148	242	432	37044	138	10
E13THSTA-FARRAGUT_345_45	25190	745	913	1339	45	345	12
E13THSTA-FARRAGUT_345_46	25251	760	927	1350	46	345	1
E13THSTA-FARRAGUT_345_48	25252	554	740	1150	48	345	88
E13THSTA-FARRAGUT_345_B47	25177	358	645	1011	B47	345	31
E179THST-HELLGT_E_138_15053	25289	165	229	364	15053	138	7
E179THST-HELLGT_E_138_15054	25290	165	229	364	15054	138	7
E179THST-HELLTP_W_138_15055	25288	210	301	384	15055	138	200
E179THST-PARKCHTR_138_38X01	25327	169	288	501	38X01	138	20
E179THST-PARKCHTR_138_38X02	25328	169	288	501	38X02	138	20
E179THST-PARKCHTR_138_38X03	25329	169	288	501	38X03	138	14
E179THST-PARKCHTR_138_38X04	25330	169	288	501	38X04	138	14
EASTOVER_230_115_BK1	326097	381	494	666	TR 1	230	61
EASTPORT-RIVRHEAD_69_951	26589	142	155	178	951	69	33
EASTPORT-TIANA_69_952_953_95	26611	107	107	107	52/3_95	69	32
EASTRIVR_138_69_BK 111	25526	76	108	159	BK 111	138	10
EASTRIVR_138_69_BK 112	25527	76	108	159	BK 112	138	0
EASTRIVR_138_69_BK 113	25528	76	108	159	BK 113	138	10
EASTRIVR_138_69_BK 114	25529	76	108	159	BK 114	138	10
EASTRIVR_69B_69A_BK 111	25630	79	110	139	BK 111	69	10
EASTVIEW_345_138_BK 1N	25472	370	424	424	BK 1N	138	175
EASTVIEW_345_138_BK 1S	25373	370	424	424	BK 1S	138	167
EASTVIEW_345_138_BK 2N	25471	370	424	424	BK 2N	138	194
EASTVIEW_345_138_BK 2S	25470	370	424	424	BK 2S	138	160
EASTVIEW-SPRNBRK_345_W64	25143	2296	2658	3202	W64	345	1082
EASTVIEW-SPRNBRK_345_W65	25144	1720	2215	2657	W65	345	912
EASTVIEW-SPRNBRK_345_W78	25346	2296	2658	3202	W78	345	869
EASTVIEW-SPRNBRK_345_W79	25153	1720	2215	2657	W79	345	863
EBATAVIA-NO.LEROY_115_119	26012	139	160	173	119	115	21
ECWABALP-FRNKYONG_115_181-922	326871	174	181	226	181-922	115	119
ECWABALP-FRNKYONG_115_182	326872	174	181	226	182	115	100
EDIC___-FRASER_345_EF24-40	25112	1793	1793	1793	EF24-40	345	728
EDIC___-N.SCTLND_345_14	25170	1331	1538	1724	14	345	533
EDIC_PTR_230_115_BK 1P	25389	269	320	338	BK 1P	230	49
EDIC_PTR_230_115_BK 2P	25423	269	320	338	BK 2P	230	49
EDIC_PTR_345_115_BK 3E	25424	455	539	679	BK 3E	345	162
EDIC_PTR_345_115_BK 4E	25454	505	629	794	BK 4E	345	162
EDIC_PTR_345_230_BK 2E	25422	479	562	683	BK 2E	230	185

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
EDWARDAV-RIVRHEAD_138_893	325654	258	298	334	893	138	128
EELPOTRD-MEYER__115_724	325288	112	131	143	968	115	2
EFISHKCH_345_115_BK 1	25724	412	0	530	BK 1	345	91
EFISHKCH_345_115_BK 2	325845	450	505	560	BK 2	345	91
EFISHKIL-WOOD_ST_345_F38	25367	1839	2520	3202	F38	345	868
EFISHKIL-WOOD_ST_345_F39	25368	1839	2520	3202	F39	345	943
EGRDNCTY_138_69_BK 1	26652	227	263	302	BK 1	138	111
EGRDNCTY_345_138_AT1	25551	428	513	641	BK 1	345	315
EGRDNCTY_345_138_AT2	25552	428	513	641	BK 2	345	315
EGRDNCTY_345C_345A_PAR1	25678	428	599	787	A_PAR1	345	315
EGRDNCTY_345C_345B_PAR2	25679	428	599	787	B_PAR2	345	315
EGRDNCTY-CARLPLCE_138_361	25533	258	298	333	361	138	70
EGRDNCTY-EGRDNCTR_345_Y49_ST	325158	637	900	1329	Y49_ST	345	630
EGRDNCTY-NEWBRDGE_138_462	25303	199	276	484	462	138	55
EGRDNCTY-NEWBRDGE_138_463	25304	169	283	346	463	138	55
EGRDNCTY-NEWBRDGE_138_465	25535	197	289	350	465	138	60
EGRDNCTY-NEWBRDGE_69_465_466	26582	52	65	69	465_466	69	6
EGRDNCTY-ROSLYN__138_362	25534	253	292	327	362	138	29
EJWEST__SCOFDRD_115_9	326147	193	213	240	9	115	45
EKINGSTN-RHINEBCK_115_ER	26222	175	193	220	ER	115	37
ELBRIDGE_345_115_BK 1	25448	470	557	717	BK 1	345	297
ELBRIDGE-GRS_LOCK_115_19	26097	116	120	145	19-EG	115	10
ELBRIDGE-GRS_LOCK_115_3	26098	143	143	143	3	115	12
ELBRIDGE-HYATT__115_10-979	25109	129	148	160	15-EH	115	70
ELBRIDGE-LAFAYTTE_345_17-LE	25149	940	1517	1830	17-LE	345	510
ELBRIDGE-LAKELAND_115_4	325316	156	179	195	4	115	41
ELBRIDGE-MILTON_C_115_18	26095	129	136	136	18-EM	115	7
ELBRIDGE-STATE_ST_115_5-972	25107	251	296	321	5_972	115	95
ELBRIDGE-STATE_ST_115_6-710	326377	238	249	287	6-710	115	68
ELM_ST__-SENECA__230_71	26426	223	254	262	71	230	27
ELM_ST__-SENECA__230_72	26427	223	254	262	72	230	28
ELWOOD__138_69_BK 3	26540	108	133	156	BK3	138	53
ENDICOTT-RANGEHL_115_920	26158	149	149	149	920	115	21
ENDICOTT-ROBBLEAV_115_948	26159	249	254	254	948	115	58
ENORWICH-CTYLINE_115_918	325280	108	120	120	918	115	38
ENORWICH-JENNISON_115_946	25729	80	110	131	946	115	25
ERIE E__-S.RIPLEY_230_69	25016	176	176	181	69	230	164
ERIE_ST_-PAVMNTRD_115_926	26175	215	240	275	926	115	11
ETNA__-CLRKSCRN_115_715	325728	242	255	295	715	115	63
ETNA__-CLRKSCRN_115_947	325727	242	255	295	947	115	63

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
ETNA__-WILLET__115_945	25731	125	149	156	945-2	115	70
EUCLID__-HOPKINS__115_11	326784	220	252	280	11	115	101
EUCLID__-WOODARD__115_17	326785	220	252	280	17	115	91
EVERETRD-MENANDS__115_10	326642	116	120	145	10	115	86
FAIRFIEL-INGHAM_C_115_3	26106	116	120	145	3	115	62
FAIRPORT-ELBRIDGE_115_2	26099	145	151	185	2	115	41
FAIRPORT-HOOK_TAP_115_1	26327	145	151	157	1	115	3
FALCONER-SOUTHADOW_115_153	26033	129	148	160	153	115	18
FALCONER-SOUTHADOW_115_154	26032	129	148	160	154	115	11
FARMGTN__115_12__BK 3	325380	23	29	44	BK 3	115	5
FARMGTN__115_34__BK 1	70259	56	68	99	BK 1	115	41
FARMGTN__115_34__BK 2	70258	56	64	84	BK 2	115	24
FARMGTN_-BORDRCTY_115_4-977	25057	150	177	193	977	115	57
FARMGTN_-HAMLTNNM_115_7-983	26101	108	108	108	7-983	115	57
FARRAGUT_345A_138A_BK 1Y	325083	188	210	237	BK 1Y	138	181
FARRAGUT_345A_138A_BK 2X	325084	120	141	150	BK 2X	138	85
FARRAGUT_345A_138A_BK 2Y	325085	189	238	258	BK 2Y	138	0
FARRAGUT_345A_138A_BK 3X	325086	104	136	148	BK 3X	138	91
FARRAGUT_345A_138A_BK 3Y	325087	189	233	256	BK 3Y	138	181
FARRAGUT_345A_138A_BK 4X	325088	106	122	131	BK 4X	138	90
FARRAGUT_345A_138A_BK 4Y	325089	189	215	231	BK 4Y	138	180
FARRAGUT_345A_138A_BK 5X	25635	109	115	119	BK 5X	138	91
FARRAGUT_345A_138A_BK 5Y	325081	189	203	211	BK 5Y	138	62
FARRAGUT_345A_138A_BK 6X	325090	104	141	149	BK 6X	138	86
FARRAGUT_345A_138A_BK 6Y	325091	189	234	258	BK 6Y	138	182
FARRAGUT_345A_138C_BK 9X	25636	110	155	195	BK 9X	345	42
FARRAGUT_345A_138D_BK 10X	25637	110	155	195	BK 10X	345	87
FARRAGUT_345B_345A_TR11	25044	497	705	930	TR11	345	0
FARRAGUT_345C_345A_TR12	25043	503	699	930	TR12	345	0
FARRAGUT-GOWANUS__345_41	25141	636	834	1303	41	345	538
FARRAGUT-GOWANUS__345_42	25140	636	834	1303	42	345	538
FARRAGUT-HUDS_AVE_138_32077	25291	106	106	106	32077	138	87
FARRAGUT-HUDS_AVE_138_32711	25293	108	144	159	32711	138	42
FARRAGUT-PLYMTHST_138_32072	326588	120	141	150	32072	138	85
FARRAGUT-PLYMTHST_138_32076	326589	104	141	149	32076	138	86
FARRAGUT-PLYMTHST_138_32078	25292	108	144	157	32078	138	43
FARRAGUT-WATERSTR_138_32073	326582	104	136	148	32073	138	91
FARRAGUT-WATERSTR_138_32074	326583	106	122	131	32074	138	90
FARRAGUT-WATERSTR_138_32075	326584	109	115	119	32075	138	91
FARRCKWY-CEDRHRST_69__256	26566	114	132	146	256	69	4

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
FARRCKWY-WOODMERE_69_259	26597	89	112	118	259	69	1
FENERWND-WHITMAN_115_8	326865	176	211	239	8	115	19
FERNDAL-WWDBURNY_115_959	26180	90	90	90	959	115	21
FEURABSH-GREENBSH_115_17	25862	176	197	248	17	115	3
FEURABSH-NCATSKLL_115_2	25067	116	120	145	2-FN	115	64
FISHKPLN-EFISHKIL_115_HF	26227	198	230	260	HF	115	39
FISHKPLN-SYLVANLK_115_FP/990	25066	203	226	239	FP/990	115	112
FITZPTRK-EDIC_345_FE-1	25077	1434	1434	1661	FE-1	345	618
FIVE_MIL-VALLEY44_115_152	326174	129	148	160	152	115	13
FIVE_MIL-VALLEY44_115_167	326173	129	148	160	167	115	9
FIVEMILE_345_115_TR1	326175	538	597	597	TR1	345	74
FIVEMILE-STOLLERD_345_29	326176	639	769	840	29	345	76
FLATROCK-BROWNFLS_115_2	26079	102	122	135	2-FBF	115	48
FLATSTR_-EELPOTRD_115_722	325287	112	131	143	968	115	18
FLOWRFLD-STONBROK_69_878	326335	142	155	178	878	69	57
FORGEBRK-MERTPARK_115_WF	26229	166	185	212	WF	115	50
FORTDRUM-DEFERIET_115_2-FD	26091	116	120	145	2-FD	115	4
FORTDRUM-TAYLORVL_115_2	26090	102	114	134	2-DT	115	11
FOXHILLS-WILLWBRK_138_29211	25771	182	262	439	29211-1	138	110
FOXHILLS-WILLWBRK_138_29212	25772	182	262	439	29212-1	138	97
FRASANX-COOPERS_345_UCC2-41	326221	1793	1793	1793	UCC2-41	345	752
FRASER_345_115_BK 2	25391	305	386	420	BK 2	345	137
FRASER_-COOPERS_345_33	25236	1494	1721	1793	33	345	509
FRASER_-GILBOA_345_GF5-35	25060	1428	1605	1793	GF5-35	345	20
FRASERNY-DELHI_TP_115_951	26202	239	239	239	951-3	115	137
FREEPORT-NEWBRDGE_138_461	25155	228	295	346	461	138	166
FRESHKLS_138C_138A_R1_21191	25639	309	371	407	21191	138	200
FRESHKLS_138C_138B_R2_21192	25640	279	363	415	21192	138	200
FRESHKLS_345_138_TA 1	25457	309	371	407	TA 1	138	200
FRESHKLS_345_138_TB 1	25458	279	363	415	TB 1	138	200
FRNKYONG-NBRDWYNG_115_181-922	326277	139	163	181	181-922	115	100
FRNKYONG-WALDENNG_115_182	326279	168	181	206	182	115	76
FRONT_ST-ROSA_RD_115_11	26274	200	239	239	11	115	81
FROST_BR-LONG_MTN_345_352	25363	1240	1240	1425	352	345	329
FROST_BR-SOUTHNGT_345_329	25364	1240	1446	1601	329	345	468
FTZPK_NM-LIGHTHSE_115_3	25502	116	119	145	3-FLH	115	19
FULLRHWL-MORGANRD_115_937	325223	239	239	239	937	115	3
GALEVILE-KERHONKS_69_GK	326089	121	140	159	GK	69	7
GARDNVLA_230_1_BK6P	25405	304	387	420	BK6P	230	69
GARDNVLA_230_1_BK7P	25435	202	253	300	BK7P	230	31

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
GARDNVLA-GIRDLERD_115_705	25116	215	239	239	705	115	36
GARDNVLA-LANGNERD_115_903	325284	139	163	183	903	115	85
GARDNVLA-STOLLERD_230_66	25180	474	574	665	66	230	196
GARDNVLB_230_115_BK 2	25385	258	280	354	BK 2	230	85
GARDNVLB_230_115_BK 3	25416	141	182	250	BK 3	230	57
GARDNVLB_230_115_BK 4	25417	141	183	250	BK 4	230	58
GARDNVLB-BETHWEST_115_149	325317	200	217	260	149	115	18
GARDNVLB-BETHWEST_115_150	325318	200	217	260	150	115	6
GARDNVLB-CLVRBANK_115_141	26038	88	101	107	141	115	44
GARDNVLB-CLVRBANK_115_142	26037	88	101	108	142	115	44
GARDNVLB-COBBLENM_115_151	26040	187	199	199	151	115	18
GARDNVLB-COBBLENM_115_152	26023	187	199	199	152-1	115	18
GARDNVLB-DUNKIRK_230_73	25166	556	584	601	73	230	124
GARDNVLB-DUNKIRK_230_74	25197	505	505	505	74	230	124
GARDNVLB-GARDNVLA_115_T1012	25085	320	343	365	T1012	115	5
GARDNVLB-GARDNVLA_230_T8-12	25089	662	739	772	T8-12	230	2
GARDNVLB-WALDENNG_115_54-921	26035	174	182	226	54-921	115	20
GE_R_D_-GROOMS_115_20_15	26266	200	217	260	20_15	115	24
GELCKHM_-WETZEL_115_14	326189	220	252	280	14-CG	115	66
GETZVL60-AYERREND_115_36	26049	174	181	226	36	115	68
GILBOA_-LEEDS_345_GL3	25219	1428	1605	1971	GL3	345	499
GILBOA_-N.SCTLND_345_GNS-1	25052	1428	1605	1866	GNS-1	345	89
GINNA_-PANNELRG_115_912	25260	227	251	264	912	115	52
GINNA_-S124_115_913	26281	251	301	354	913	115	129
GINNA_-STA_135_115_909	325837	226	249	269	909	115	81
GINNA_-STA_135_115_937	325838	226	249	269	937	115	81
GINNA_-STA_204_115_908	26282	252	302	355	908-1	115	96
GINNA_-STA_204_115_911	26283	251	300	354	911	115	142
GIRDLERD-STOLLERD_115_706	325161	203	226	239	706	115	3
GLDNBRGD-CROTONFL_115_991	326416	215	247	275	991	115	6
GLENHEAD-ORCHARD_69_458	26577	73	87	92	458	69	31
GLENWDGT-ROSLYN_138_364	25556	253	310	342	364	138	15
GLENWOOD_138_69_BK 5	25735	112	138	156	BK 5	138	83
GLENWOOD_138_69_BK 6	70637	112	138	156	BK 6	138	80
GLENWOOD-BROOKVLE_69_457	26579	66	83	88	457	69	25
GLENWOOD-CARLPLCE_138_363	25554	254	312	344	363	138	4
GLENWOOD-GLENWDGT_138_366	25555	252	309	341	366	138	29
GLENWOOD-MTCHGRDN_69_478	26581	118	155	178	478	69	4
GLENWOOD-NEWCASSL_69_487	26580	100	120	130	487	69	33
GLENWOOD-ORCHARD_69_530	26578	125	154	170	530	69	44

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
GOETHALS_345A_345B_BK 1N	25641	688	843	1056	BK 1N	345	89
GOETHALS-FRESHKLS_345_21	25138	919	1006	1286	21	345	69
GOETHALS-FRESHKLS_345_22	25137	981	1390	1602	22	345	69
GOETHALS-LINDN_CG_345_G23L	26000	672	893	1630	G23L	345	434
GOETHALS-LINDN_CG_345_G23M	325203	672	893	1630	G23M	345	433
GOETHSLN_345/230_BK 1	25642	528	727	817	BK 1	345	89
GOLAH__-MORTIMER_115_110	26034	130	136	159	110	115	72
GOLAH__-MORTIMER_69_109 EQ	69242	51	56	91	109 EQ	69	9
GOUDEY__-ROBBLEAV_115_940	325166	238	277	305	940	115	43
GOUVNEUR-BATTHILL_115_8	26066	76	87	94	8-GBH	115	37
GOWANUS__138A_138B_PAR R14	25794	248	335	421	PAR R14	138	140
GOWANUS__138A_138B_PAR R2	25793	245	302	347	PAR R2	138	140
GOWANUS_345_138_BK T14	25475	248	335	421	BK T14	138	140
GOWANUS_345_138_BK T2	25476	245	302	347	BK T2	138	140
GOWANUS_-GOETHALS_345_25	25139	492	702	1211	25	345	409
GOWANUS_-GOETHALS_345_26	25571	492	702	1211	26	345	0
GOWANUS_-GREENWD__138_42231	25214	254	302	347	42231	138	140
GOWANUS_-GREENWD__138_42232	25215	237	289	338	42232	138	140
GOWANUSA-GREENWD__138_42G24	26007	244	268	268	42G24	138	206
GOWANUSC-GREENWD__138_42G13	26006	239	268	268	42G13	138	198
GOWANUSN_345KV_REA_R41_REACTR	26001	687	896	1315	R41_REA	345	0
GOWANUSS_345KV_REA_R42_REACTR	26003	687	896	1315	R42_REA	345	0
GR.GORGE-VINGR_TP_115_916 N.O.	26478	125	152	193	916 N.O	115	7
GREENBSH-FT._ORAN_115_15	26130	186	199	199	15	115	52
GREENBSH-RVSD_TAP_115_4	325649	176	211	239	4	115	0
GREENBSH-STEPHTWN_115_993	26447	116	120	145	993	115	0
GREENDGE-FLATSTR__115_968	26185	108	128	143	968	115	35
GREENDGE-MONTRFL__115_967	26184	108	128	143	967	115	34
GREENDGE-MONTRFL__115_970	26183	124	139	159	970	115	42
GREENLWN_138_69__BK5	26655	108	133	156	BK5	138	41
GREENLWN-ELWOOD__138_673	25546	365	480	567	673	138	76
GREENLWN-ELWOOD__69_668	26559	73	87	92	668	69	7
GREENLWN-SYOSSET__138_676	25548	246	353	564	676	138	22
GREENWD_-FOXHILLS_138_29231	25321	174	235	368	29231	138	13
GREENWD_-FOXHILLS_138_29232	25322	174	235	368	29232	138	29
GRISLD64-NIAGB130_115_182	26014	174	181	226	182	115	115
GRMVL-CH-HONK_FLS_69_HG-1	26233	33	33	33	HG-1	69	17
GRMVL-CH-WDELV_TP_69_HG	26232	39	41	49	HG	69	7
GROOMS_-JOHNSON__115_13-14	26267	220	252	280	13	115	73
GRS_LOCK-GELCKHM__115_8	26103	156	179	195	8-GS	115	58

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
GRS_LOCK-HARRISRD_115_16	26102	116	120	145	16-GT	115	34
GRS_LOCK-SORELHIL_115_9	326801	142	151	169	9	115	61
GRTNECK_-PORTWASH_69_484	325217	66	83	88	484	69	19
GRUMMAN_-SYOSSET_69_558_552	26599	66	83	88	558_552	69	33
GUARDIAN-HALEYRD_115_969	26167	176	179	179	969	115	69
HALEYRD_-GREENDGE_115_969	325294	176	179	179	969	115	42
HAMLTNNM-ELBRIDGE_115_7-983	26096	155	167	169	7-983	115	67
HAMLTNNM-HAMLTNNY_115_BK1	25394	30	37	56	BK 1	115	11
HAMRHILL-INDK-OSW_115_6	26114	114	120	142	6-HI	115	32
HANAWAFL-COLTON_115_5	326185	182	197	248	5	115	13
HANCOCK_-HAZEL_115_955	26187	102	113	120	955-1	115	0
HARNGCRN-W.NYACK_69_701	26259	118	135	142	701	69	2
HARRIMAN-HILLBURN_69_31_311	26261	139	197	258	31_311	69	21
HARRISRD-TILDEN_115_16	326815	116	120	145	16-GT	115	6
HARSNRAD-ROBNSNRD_115_907	26162	215	247	275	907	115	23
HARTLYRD-SGOSHEN_69_241	326128	69	79	83	24	69	2
HAUPPAUG-C._ISLIP_138_889	25681	210	304	345	889	138	61
HAZEL_-FERNDALE_115_955	26181	102	113	120	955-2	115	10
HDSNBRDG-DEWITT_115_10	325260	265	320	368	10	115	71
HDSNBRDG-DEWITT_115_7	325261	265	320	368	7	115	51
HELLGT_E-ASTORIAE_138_34051	25323	174	235	368	34051	138	7
HELLGT_E-ASTORIAE_138_34052	25324	174	235	368	34052	138	7
HELLGT_W_138_13_BRU_3	25777	81	113	143	BRU_3	138	75
HELLGT_W-ASTORIAW_138_24051	25210	160	250	436	24051	138	37
HELLGT_W-ASTORIAW_138_24052	25211	160	250	436	24052	138	40
HELLGT_W-ASTORIAW_138_24053	25212	140	186	186	24053	138	136
HELLGT_W-ASTORIAW_138_24054	25213	140	186	186	24054	138	134
HELLGT_W-ASTORIAW_138_24056	26461	158	253	258	24056	138	37
HELLTP_W-HELLGT_W_138_15055L	25573	210	301	384	15055L	138	200
HELLTP_W-HELLGT_W_138_15055M	26729	210	301	384	15055M	138	200
HEWLETT_-VALLYSTR_69_260	325286	107	132	146	260	69	46
HICKLING-CATON_115_958	26189	102	113	120	958	115	15
HICKLING-YAWGERRD_115_964	26188	125	134	148	964	115	27
HIGH_FLS-KERHONKS_69_FK	326088	45	47	55	HK	69	12
HILLBURN_138_69_BK 317	26330	187	230	265	BK 317	138	66
HILLBURN-RAMAPOOR_138_52	25882	187	230	265	52	138	66
HILLBURN-RINGWOOD_69_89	26262	118	135	142	89	69	19
HILLBURN-S.MAHWAH_69_65	26263	139	159	167	65	69	37
HILLSIDE-CHEMUNG_115_962	25726	161	177	199	962	115	46
HILLSIDE-WATRCURE_230_69	25181	550	637	657	69	230	245

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
HINMAN_-HARSNRAD_115_908	26161	238	287	306	908	115	140
HISHELDN-STONCREK_230_81	325622	417	479	533	81	230	46
HOLBROOK_138_69_BK 1	69378	227	263	302	BK 1	138	125
HOLBROOK_138_69_BK 2	69376	99	122	136	BK 2	138	57
HOLBROOK-HOLT_8KU_69_857	26545	125	154	170	857	69	26
HOLBROOK-HOLT_8KU_69_866	26546	125	154	170	866	69	27
HOLBROOK-MCARTHUR_69_859	26556	142	155	178	859	69	71
HOLBROOK-NSHORBCH_138_884	25341	330	382	437	884	138	8
HOLBROOK-PORTJEFF_69_864_876	26607	114	132	146	864_876	69	1
HOLBROOK-PORTJEFF_69_865_875	26608	114	132	146	865_875	69	23
HOLBROOK-SILLSRD_138_872	25340	441	488	595	872	138	4
HOLBROOK-WEST BUS_138_888	25542	496	543	622	888	138	326
HOLT_8KU-CORAM_69_874	26551	100	120	130	874	69	38
HOLT_8KU-HOLTS_8G_69_856_852	26552	100	107	107	856_852	69	57
HOLTSVLE-UNIONAVE_138_818	25584	181	231	264	818	138	84
HOLTSVLE-WEST BUS_138_877	325909	481	527	603	877	138	215
HOMER C_-HOMR_NYW_345_48	326213	1287	1534	1622	48	345	133
HOMER_HL-FIVE_MIL_115_169	26452	221	256	287	169	115	26
HOMER_HL-FIVE_MIL_115_170	26022	221	256	287	170	115	26
HOMER_HL-NILE_115_157	26041	88	101	108	157-1	115	19
HOMR_NYW-PIERC_NY_345_48	326214	1287	1534	1622	48	345	133
HOMRC_NY-MAINS_NY_345_47	326121	1207	1404	1703	47	345	58
HONK_FLS-ELLENVTP_69_WH	26234	39	47	50	WH2	69	30
HONK_FLS-KERHONKS_69_HK	26237	45	47	55	FK	69	15
HONK_FLS-KERHONKS_69_MK	326087	45	47	55	MK	69	14
HOOK_TAP-FARMGTN_115_7-983	26100	145	151	162	7-983	115	31
HOOK_TAP-HOOK_RD_115_BK3	26503	60	60	60	BK3	115	29
HOPATCON-RAMAPO_500_5018	25019	999	1301	1713	5018	500	360
HOPKINS_-TEALLAVE_115_11	26105	220	239	239	11	115	85
HUDS_AVE-JAMAICA_138_701	25294	147	221	360	701	138	76
HUDS_AVE-JAMAICA_138_702	25295	147	221	360	702	138	76
HUDSON_-PLSTVYCH_115_12	25499	129	157	159	12-HP	115	41
HUDSON_-VALKIN_115_15	26514	186	214	237	15	115	74
HUDSONP_-FARRAGUT_345_B3402	25020	432	614	801	B3402	345	0
HUDSONTP-W49TH_ST_345_Y56	325893	9999	9999	9999	Y56	345	319
HUNT_-STRLFRST_69_99	326299	118	135	142	99	69	17
HUNTLEY_-BUFAL129_115_38	26047	145	151	185	38	115	84
HUNTLEY_-BUFAL129_115_39	26044	145	151	185	39	115	83
HUNTLEY_-ELM_ST_230_70	25855	432	477	491	70	230	40
HUNTLEY_-SAWYER_230_79	25127	566	654	699	79	230	266

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
HUNTLEY_-SAWYER__230_80	25128	566	654	722	80	230	313
HUNTLEY_-SWETH224_115_37	26045	148	148	148	37	115	5
HUNTLEY_-YOUNG214_115_36	26046	168	176	176	36	115	5
HURLYAVE_115_69_TR 3	25837	95	118	149	TR 3	115	35
HURLYAVE_345/115_BK 1	25419	419	481	488	BK 1	345	180
HURLYAVE-BOULEVRD_69_I	26213	61	67	74	I	69	10
HURLYAVE-LINCNRK_115_HP	25833	198	230	260	HP	115	88
HURLYAVE-ROSETON_345_303	25218	1396	1623	1870	303	345	442
HURLYAVE-STURGNPL_115_HS	25834	169	186	191	HS	115	40
HYATT__115_34_BK 1	70329	54	67	100	BK 1	115	19
HYATT_-BORDRCTY_115_10-979	25106	129	143	143	979	115	50
IMC_TAP_-MECO__115_15-IM	26132	125	143	154	15-IM	115	24
INDCORTH-SPIERFLS_115_18	26149	278	321	368	18	115	130
INDK-OSW-LIGHTHSE_115_2	25503	114	120	142	2-ILH	115	32
INDN_PT3-BUCHAN_S_345_W96	25570	1574	1762	1991	W96	345	1037
INDPDNCE_345_18_TB 5	68303	215	235	255	MT 5	345	167
INDPDNCE_345_18_TB 6	68304	215	235	255	MT 6	345	167
INDPDNCE-SCRIBA__345_25	25859	1670	1931	2210	25	345	13
INGCALTN-DEPEW_NG_115_54-921	326276	129	182	239	54-921	115	45
INGHAM_C_115_115_PAR 2	25242	167	197	239	PAR 2	115	120
INGHAM_C-INGHAM_E_115_R81	25243	182	197	239	R81	115	0
INGHAM_E-ESPRGFLD_115_7-942	25061	79	105	131	7	115	21
INGHAM_E-IMC_TAP__115_15	25871	105	114	134	15-II	115	39
INGHAM_E-STJHNVLE_115_6	26133	86	90	107	6-IS	115	38
INGHAM_E-STONER__115_9	25863	105	114	134	9-IS	115	18
JAMAICA_-LAKSUCSS_138_903	25090	240	328	428	903	138	199
JAMAICA_-VALLYSTR_138_901 L_M	25048	268	358	441	901 L_M	138	99
JENNISON_115_46_BK 1A	69462	52	52	53	BK 1A	115	15
JENNISON-HANCOCK__115_954	26186	102	113	120	954	115	29
JENNISON-KATTLVLE_115_943	25898	110	139	159	943	115	44
JENNISON-SIDNEYRR_115_949	26173	80	110	120	949	115	25
JOHNSON_-MAPLEWOD_115_12	26268	220	239	239	12	115	93
KATONAH_-AMAWALK__115_995	325279	215	247	275	995	115	27
KATONAH_-GLDNBRGD_115_991	26157	215	247	275	991	115	23
KENTAVE_-GREENWD__138_31232	25299	174	226	247	31231-2	138	85
KINTIGH_-ROCHESTR_345_SR1-39	25073	1301	1501	1685	SR-1	345	200
KNAPPCRN_115_69_TR 2	25838	38	49	60	TR 2	115	12
KNAPPCRN-SANDDOCK_115_KB_KC	26240	198	226	260	KB_KC	115	6
KNAPPCRN-SPACKILL_115_SK	325777	198	226	260	SK	115	25
KNTFSRNC-SCOTAFLT_115_913	26207	120	120	120	913	115	1

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
LABDELFE-FENERWND_115_3	326864	125	143	154	3	115	14
LADENTWN-BOWLINE_345_68	25249	687	747	747	68	345	348
LADENTWN-BUCHAN_S_345_Y88	25185	1703	1894	2404	Y88	345	957
LADENTWN-WHAVSTRW_345_67-2	25248	1720	2215	2657	67-2	345	340
LAFAYTTE-CLRKSCRN_345_4-46	25049	1207	1327	1479	16893	345	799
LAFAYTTE-DEWITT_345_22	25174	1164	1164	1164	22	345	300
LAKELAND-BELMONT_115_4	326804	156	179	195	4	115	47
LAKEVIEU-CLVRBANK_115_142	325881	88	101	108	142	115	38
LAKRD_OR-BLUELAKE_69_981	326313	117	133	141	981	69	27
LAKSUCSS_138_69_BK 5	26603	227	263	302	BK 5	138	125
LAKSUCSS_138_69_BK 6	325098	227	263	302	BK 6	138	115
LAKSUCSS_138A_138B_PAR	25593	297	356	427	B_PAR	138	200
LAKSUCSS-GRTNECK_69_414	325846	101	149	251	414	69	36
LAKSUCSS-GRTNECK_69_479	26587	73	96	110	479	69	40
LAKSUCSS-GRTNECK_69_480	26588	124	154	170	480	69	42
LAKSUCSS-SPERRY_69_481	26586	89	113	124	481	69	32
LANGDON_-NORTHSDE_115_936	26160	176	196	225	936	115	54
LAONA_-MOONS_SW_115_172	326591	88	101	108	172	115	5
LAONA_-MOONS_SW_115_173	326592	88	101	108	173	115	12
LAUREL L-GOUDEY_115_952	25012	108	128	143	952	115	87
LAURLEGY-SCOV RCK_345_384	26389	717	1004	1219	384	345	597
LAWRNCAV-HANAWAFL_115_5	26085	220	252	280	5	115	10
LAWRNCAV-SUGARISL_115_4	326186	220	252	280	4	115	7
LEEDS_-ATHENS_345_95	25789	1331	1538	1724	95	345	48
LEEDS_-HURLYAVE_345_301	25055	1396	1623	1870	301	345	622
LEEDS_-PLSNTVLY_345_92	25056	1331	1538	1724	92	345	955
LEVITTWN-BETHPAGE_69_570	26523	125	154	170	570	69	41
LEVITTWN-GRUMMAN_69_573	26583	100	120	121	573	69	51
LEVITTWN-PLAINDGE_69_571	26521	142	155	178	571	69	66
LIGHTHSE-EWATRTWN_115_5	25504	116	119	119	5	115	7
LIGHTHSE-MALLORY_115_7	25521	108	108	108	7-CL	115	40
LINCNPRK-EKINGSTN_115_LR	26223	194	214	240	LR	115	49
LINDEN_-GOETHALS_230_A2253	25017	541	715	845	A2253	230	89
LINDHRST-W.BABYLN_69_753	326344	73	87	92	753	69	5
LINDN_CG-LNDVFT_345_V-3022	325657	325	415	436	V-3022	345	314
LINE8TAP-WOLF_RD_115_8	326641	116	120	145	8	115	39
LITTLRIV-COLTON_115_8	25514	76	87	94	8	115	1
LITTLRIV-PYRITES_115_7	326402	74	74	74	7	115	14
LNGRD209-GARDNVLB_115_180	326282	160	166	206	180	115	110
LNGRD209-GRISLD64_115_182	326283	200	208	265	182	115	135

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
LOCKPORT-HINMAN__115_100	25087	220	252	280	100	115	105
LOCKPORT-N.AKRON__115_108	25266	130	136	165	108	115	28
LOCKPORT-OAKFIELD__115_112	25300	131	144	158	112	115	28
LOCKPORT-SHELBY76__115_113	25263	143	165	180	113	115	22
LOCKPORT-TELGRAPH__115_107	25265	220	252	280	107	115	44
LOCKPORT-TELGRAPH__115_111	25262	199	199	199	111	115	17
LOCKPORT-TELGRAPH__115_114	25264	143	165	180	114-1	115	28
LOCUSTGR-NEWBRDGE__138_558	25158	321	472	575	558	138	276
LOCUSVLY-OYSTERBY__69_532	326114	73	87	92	532	69	5
LONG_MTN-PLSNTVLY__345_398	25033	1135	1313	1596	398	345	15
LONG_MTN-PLUM TRE__345_321	25720	1434	1649	1936	321	345	344
LONGLANE-LAFARGE__115_6	25864	116	120	145	6	115	69
LOVETT__138_69_BK 147	26331	94	130	149	BK 147	138	35
LOVETT__-BOWLINOR__138_56	25877	234	267	281	56	138	36
LOVETT__-CEDAR_OR__69_55	25886	95	108	114	55	69	33
LOVETT__-STONYPNT__138_54	25885	236	270	285	54	138	9
LOWVILLE-BOONVILLE__115_5	26075	105	114	134	5-LB	115	45
LUDLOW__-CARP HL__345_301	25722	1240	1416	1489	301	345	101
LUDLOW__-NORTHFLD__345_354	25713	1434	1649	1936	354	345	470
LUDLUM__-BENETTRD__115_161	326230	168	185	206	161-3	115	28
LUDLUM__-BENETTRD__115_162	326229	168	185	206	162-2	115	26
LUTHERFT-MALTA____115_1	325889	197	256	287	1	115	69
LUTHERFT-MALTA____115_302	325890	197	256	287	2	115	49
LUTHERFT-MULBRYNM__115_3	26477	254	294	333	3	115	46
LUTHERFT-MULBRYNM__115_308	325742	254	294	318	308	115	58
LYON_MTN-KNTFSRNC__115_1(911)	26205	125	151	175	911	115	22
LYSANDER-SORELHIL__115_13	326799	192	221	245	13	115	48
MACHIAS_-VALLEY44__115_152	326172	129	148	158	152	115	7
MACHIAS_-VALLEY44__115_167	326169	124	138	158	151	115	8
MAINESBG-WATRCURE__345_30	25018	927	927	927	30	345	10
MALLORY_-WETZEL____115_7	326206	155	155	155	7-CL	115	17
MALONE__-NICHLVLE__115_3	25585	129	163	183	3-NM	115	33
MALONE__-WILLIS____115_MW1-910	25586	129	159	175	1-MW	115	45
MALTA____-BALLSTON__115_1	325891	220	252	280	1	115	69
MALTA____-BALLSTON__115_302	325892	220	252	280	302	115	33
MANCHSTR-SPACKILL__115_MC	325776	198	230	260	MC	115	56
MAPLE140-BUFALO54__115_38	326157	174	181	226	38	115	63
MAPLE140-BUFALO54__115_39	326158	174	181	226	39	115	62
MAPLEWOD-WTRVLARS__115_19	25870	129	182	239	19	115	59
MAPLEWOD-WTRVLARS__115_31	25844	129	176	224	31	115	70

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
MARCY___765_345_AT2	25456	1488	1650	1756	BK 2	765	648
MARCY___765_345_BK 1	25455	1488	1650	1756	BK 1	765	738
MARCY___-EDIC___345_UE1-7	25229	1488	1650	1971	UE1-7	345	597
MARCY___-FRASANNX_345_UCC2-41	25113	1793	1793	1793	UCC2-41	345	774
MARCY___-N.SCTLND_345_18	25276	1488	1650	1971	18	345	580
MARION___-FARRAGUT_345_C3403	25038	414	589	767	C3403	345	0
MARSHVLE-CLINTON___115_12	325267	125	143	154	12	115	4
MASSAPEQ-STERLING_69_567	26525	125	154	170	567	69	29
MASSENA___765_230_AT1	25665	936	1197	1872	BK 1	765	144
MASSENA___765_230_AT2	25666	936	1197	1872	BK 2	765	143
MASSENA___-MARCY___765_MSU1	25224	5115	5316	5411	MSU1	765	1386
MCADOO___-DEKALB___115_4	26064	76	87	89	4	115	13
MCADOO___-LITTLRIV_115_8	326404	76	76	76	8	115	1
MCADOO___-MCINTYRE_115_8	326410	75	75	75	8	115	1
MCARTHUR-BAYPORT___69_776	326409	73	87	92	776	69	21
MCINTYRE-CORNING___115_6	26108	128	136	137	6	115	5
MCKNOWNV-NEWKRMKL_115_8	26499	258	321	368	8	115	137
MECO___-CHURCH_S_115_10	26120	125	130	130	10-AM	115	3
MENANDS___-REYNOLDS_115_2	26135	217	250	280	2-MR	115	125
MENANDS___-RIVERSDE_115_3	26134	226	274	326	3-MR	115	104
MENANDS___-WTRVLARS_115_19	326246	128	147	159	19	115	62
MERTPARK-WICCOPEE_115_WP	325772	194	214	240	WP	115	20
MEYER___-CANANDGA_230_60	325604	483	556	634	60	230	44
MEYER___-MORAINE___115_966	26166	125	152	191	966	115	51
MIDDLEOR-SHOEMAKR_138_29	26468	506	587	671	29	138	253
MIDDLERD-BABBITS_115_6	326735	116	120	145	6	115	8
MIDDLETP_345_138_BK 114	26465	506	587	671	BK114	345	254
MIDDLETP-ROCKTVRN_345_CCRT34	26464	1704	1852	2362	CCRT-34	345	435
MILAN___-PLSTVYCH_115_10	26433	129	157	192	10	115	8
MILAN___-RHINEBCK_115_MR	26242	175	193	220	MR	115	8
MILLBURY-CARP HL___345_302	25721	1313	1405	1494	302	345	152
MILLERPL-HOLBROOK_138_885	26691	392	477	564	885	138	8
MILLIKEN-ETNA___115_974	26177	185	224	255	974	115	73
MILLIKEN-ETNA___115_975	26178	185	224	255	975	115	79
MILLWOOD_345_138_TA 1	25530	216	307	346	TA 1	138	41
MILLWOOD_345_138_TA 2	25531	205	297	321	TA 2	138	45
MILLWOOD-EASTVIEW_345_W82	25147	2296	2658	3202	W82	345	1087
MILLWOOD-EASTVIEW_345_W85	25258	2296	2658	3202	W85	345	1029
MILLWOOD-EASTVIEW_345_W99	25255	2296	2658	3202	W99	345	1030
MILTON_C-GRS_LOCK_115_18	26104	129	148	160	18-MG	115	22

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
MILTR209-SUMMIT97_115_130	326291	239	298	298	129	115	128
MILTR210-SUMMIT97_115_129	326288	239	274	278	129	115	117
MNCHESTR-CARD___345_368	25710	1240	1446	1888	368	345	411
MNCHESTR-MILSTONE_345_310	25336	1488	1912	2097	310	345	351
MNCHESTR-NO.BLOOM_345_3642	26399	956	956	956	3642	345	380
MNCHESTR-SCOV RCK_345_353	25714	1240	1604	2097	353	345	198
MNTNDALE-WWDBURNY_115_957	325616	108	120	120	957	115	25
MODENA___115_69_BK1	26325	33	41	53	BK1	115	1
MODENA_-GALEVILE_69_MG	26236	41	44	51	MG	69	1
MODENA_-OHIOVLE_115_PX	25835	232	257	304	PX	115	5
MOHANSIC_115_13_BK 2	26482	23	24	26	BK 2	115	10
MOHANSIC_115_13_BK 4	26483	23	24	26	BK 4	115	14
MOHICAN_-BATNKILL_115_15	26122	221	256	287	15	115	24
MOHICAN_-MULBRYNM_115_3	26687	186	214	237	3	115	46
MONROE_-HARRIMAN_69_312	26269	118	135	142	312	69	45
MONROE_-SUGRLOAF_69_313	26270	139	197	258	313	69	105
MONSEY_-BURNS___138_601	325608	425	451	475	601	138	137
MONTRFL_-CODNIGTN_115_982	25728	108	128	144	982	115	50
MONTRFL_-RIDGE_RD_115_963	26196	108	127	133	963-2	115	40
MONTRFL_-RIDGE_RD_115_978	26197	108	128	145	978-2	115	37
MONTVALE-BLUE_HIL_69_43	26279	22	27	32	43	69	5
MONTVALE-BLUE_HIL_69_44	26502	22	27	32	44	69	5
MONTVILL-MILSTONE_345_371	25334	1488	1912	2097	371	345	650
MOONS_SW-FALCONER_115_172	26030	88	101	108	172	115	5
MOONS_SW-FALCONER_115_173	26031	88	101	108	173	115	1
MORGANRD-LANGDON___115_936	325224	203	226	239	936	115	20
MORTIMER-FAIRPORT_115_1	25163	129	151	163	1	115	28
MORTIMER-FAIRPORT_115_2	25240	129	144	158	2	115	6
MORTIMER-SHELBY76_115_114	326129	129	149	153	114	115	3
MORTIMER-STA_56___115_24	25096	129	148	160	43489	115	54
MORTIMER-STA_56___115_25	25095	114	123	142	43490	115	73
MOSES___230_115_AT1	25411	401	490	646	BK 1	230	7
MOSES___230_115_AT2	25451	401	490	646	BK 2	230	0
MOSES___230_115_AT3	25452	192	240	288	BK 3	230	3
MOSES___230_115_AT4	25453	479	589	690	BK 4	230	6
MOSES_-ADIRNDCK_230_MA1	25269	348	386	440	MA1	230	132
MOSES_-ADIRNDCK_230_MA2	25270	348	386	440	MA2	230	132
MOSES_-ALCOA_PA_115_MAL6	25581	218	253	291	MAL6	115	76
MOSES_-GRASRIVR_115_MAL4	25582	238	275	310	MAL4	115	77
MOSES_-GRASRIVR_115_MAL5	25583	238	275	310	MAL5	115	77

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
MOSES__-MASSENA_230_MMS1	25274	936	1197	1371	MMS1	230	144
MOSES__-MASSENA_230_MMS2	25275	936	1197	1394	MMS2	230	143
MOSES__-MED-ENGS_115_MRG1	26328	174	193	220	MRG1	115	76
MOSES__-MED-ENGS_115_MRG2	26335	174	193	220	MRG2	115	69
MOSES__-REYNLDPA_115_MR3	26332	153	153	153	MR3	115	67
MOSES__-WILLIS__230_MW1	25188	349	386	440	MW1	230	75
MOSES__-WILLIS__230_MW2	25271	349	386	440	MW2	230	74
MOSHIER_-TAYLORVL_115_7-MT	26109	49	49	49	7-MT	115	15
MOTTHAVN-RAINEY__345_Q11	325430	707	833	1298	Q11	345	458
MOTTHAVN-RAINEY__345_Q12	325431	707	833	1298	Q12	345	428
MOUNTAIN-SWANROAD_115_103	26054	176	211	240	103	115	79
MOUNTAIN-SWANROAD_115_104	26053	176	211	240	104	115	0
MTCHGRDN-NEWRDGE_69_475	25606	118	155	178	475	69	3
MULBRYNM-EASTOVER_115_308	26475	186	214	237	308	115	86
N._SALEM-BATNKILL_115_989	26448	40	50	57	989	115	5
N.AKRON_-BATAVIA_115_107	25124	159	159	159	107	115	13
N.AKRON_-BATAVIA_115_108	25125	125	136	154	108	115	12
N.END___115_46_BK 1	25849	61	61	69	BK 1	115	9
N.END___-ASHLEYRD_115_702	25846	287	333	388	702	115	67
N.END___-PLATSBRG_115_701	25848	217	239	239	701	115	169
N.HEMPST-WHAVSTOR_138_530	26506	236	270	285	530	138	74
N.SCTLND_345_115_BK 1	25445	458	570	731	BK 1	345	141
N.SCTLND_345_115_BK 2	25460	510	690	794	BK 2	345	134
N.SCTLND-ALBANY___115_8	25496	278	321	368	8-NA	115	17
N.SCTLND-ALPS____345_2	25217	1204	1326	1685	2	345	242
N.SCTLND-ALTAMONT_115_20	25492	116	120	145	20-NV	115	81
N.SCTLND-BETHLHEM_115_4	25497	254	266	266	4-NB	115	45
N.SCTLND-FEURABSH_115_3	25495	254	292	333	3-NF	115	71
N.SCTLND-LEEDS___345_93	25171	1331	1538	1724	93	345	576
N.SCTLND-LEEDS___345_94	25203	1331	1538	1724	94	345	572
N.SCTLND-OWENSCRN_115_7	25491	116	120	145	7	115	12
N.SCTLND-OWENSCRN_115_9	25490	116	120	145	9	115	15
N.SCTLND-ROTTRDAM_115_13	25494	241	265	333	13-NR	115	72
N.SCTLND-VORHVSLE_115_19	25493	116	120	145	19-NV	115	85
N.TROY__-EASTOVER_115_306	326095	186	214	237	308	115	38
N.TROY__-EASTOVER_115_307	326096	182	197	237	10	115	36
N.TROY__-HOOSICK_115_5	26131	200	232	232	5-NHF	115	2
N.TROY__-REYNOLDS_115_16	26139	182	197	237	16-NR	115	85
N.TROY__-WYNTKLMN_115_14-988	26137	176	211	237	14-NW	115	84
NANGOLA_-DELEMTER_115_141	325872	88	101	108	141	115	25

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
NANGOLA_-DELEMTER_115_142	325879	88	101	108	142	115	21
NANGOLA_-SILVRCRK_115_141	325871	88	101	108	141	115	15
NANGOLA_-SILVRCRK_115_142	325878	88	101	108	142	115	12
NANUET_-PEARLRVR_69_491	26505	29	33	40	491T	69	37
NBRDWYNG-ERIE_ST_115_181-922	26011	124	138	158	181-922	115	53
NCATSKLL_115_69_TR 4	25839	48	60	74	TR 4	115	16
NCATSKLL_115_69_TR 5	25818	44	55	73	TR 5	115	17
NCATSKLL-MILAN___115_T7	26243	129	182	199	T7	115	5
NCATSKLL-SAUGRTES_69_H	26214	68	75	82	H-2	69	10
NCHELSEA_115/69_BK TR1	25836	33	41	53	BK TR1	115	10
NCHELSEA-FISHKPLN_115_NF	26228	183	248	279	NF	115	64
NCHELSEA-FORGE BRK_115_FO	26230	176	211	240	FO	115	89
NCHELSEA-MYERSCRN_69_TV	26220	41	44	51	TV	69	10
NEPTUNE_-DUFFYAVE_345_NEPTUNE	325304	660	785	785	NEPTUNE	345	661
NESCNET-HOLBROOK_69_673	326339	100	120	130	673	69	58
NEVRSNK_-NVRSK_TP_69_WH	26244	77	99	107	WH1-2	69	11
NEVRSNK_-WDELV_TP_69_HG	325624	48	53	67	HG	69	4
NEWBRDGE_138_69_BK 6	26604	114	141	159	BK 6	138	79
NEWBRDGE_138_69_BK 7	26605	114	141	159	BK 7	138	72
NEWBRDGE_345_138_BK_1	325301	377	469	562	BK 1	345	331
NEWBRDGE_345_138_BK_2	325302	385	469	562	BK 2	345	331
NEWBRDGE-BAGATLRD_138_563	25536	370	524	600	563	138	8
NEWBRDGE-DUFFYAVE_345_501	325303	660	750	750	501	345	661
NEWBRDGE-EGRDNCTY_138_467	325378	250	455	616	467	138	47
NEWBRDGE-JERICH0_69_474	26606	89	113	124	474	69	43
NEWBRDGE-LEVITTWN_69_565	26584	142	155	178	565	69	12
NEWBRDGE-RULAND___138_561	25305	238	277	305	561	138	70
NEWBRDGE-RULAND___138_562	25306	237	275	303	562	138	70
NEWBRDGE-RULAND___138_567	325379	241	322	355	567	138	71
NEWCASSL-JERICH0_69_469	326401	100	120	130	469	69	4
NEWKRMKL-ALBANY___115_7	325257	275	303	354	7	115	155
NIAGARA_230_115_AT1	25409	192	240	288	BK T1	230	98
NIAGARA_230_115_AT2	25410	239	298	366	BK T2	230	18
NIAGARA_345_230_AT3	25408	376	470	564	BK 3	345	26
NIAGARA_345_230_AT4	25449	697	770	881	BK 4	345	48
NIAGARA_345_230_AT5	25450	376	470	564	BK 5	345	26
NIAGARA_-KINTIGH_345_NS1-38	25074	1301	1501	1685	NS1-38	345	221
NIAGARA_-LNGRD209_115_180	25104	200	208	265	180	115	123
NIAGARA_-MOUNTAIN_115_120	25135	176	211	258	120	115	79
NIAGARA_-MOUNTAIN_115_121	326182	40	40	40	121	115	9

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
NIAGARA_-MOUNTAIN_115_122	326183	40	40	40	122	115	9
NIAGARA_-PACKARD_115_191	25075	273	301	351	191	115	149
NIAGARA_-PACKARD_115_192	25099	247	275	328	192	115	167
NIAGARA_-PACKARD_115_193	25100	273	301	351	193	115	123
NIAGARA_-PACKARD_115_194	25101	273	301	351	194	115	123
NIAGARA_-PACKARD_115_195	25102	331	359	424	195	115	147
NIAGARA_-PACKARD_230_61	25186	626	727	846	61	230	379
NIAGARA_-PACKARD_230_62	25220	626	717	846	62	230	371
NIAGARA_-ROBNSNRD_230_64	25088	496	550	657	64	230	278
NIAGARA_-ROCHESTR_345_NR2	25084	1301	1501	1685	NR2	345	42
NIAGARA_-SANBORN_115_101	326180	233	253	318	101	115	82
NIAGARA_-SANBORN_115_102	25103	247	275	328	102	115	76
NIAGB130-ECWABALP_115_181-922	26057	174	181	226	181-922	115	119
NIAGB130-ECWABALP_115_182	326278	174	181	226	182	115	100
NICHLVLE-PARISHVL_115_3	26110	128	147	159	3-PN	115	31
NILE_-ANDOVER_115_157	26016	105	114	134	157-2	115	6
NINEMILE-CLAY_345_8	25167	1032	1271	1416	8	345	758
NINEMILE-FTZPK_NM_115_4	25500	119	119	159	4-NF	115	19
NINEMILE-SCRIBA_345_9	25359	1032	1284	1562	9	345	140
NO.LEROY-MUMFRD50_115_119	326559	129	160	173	119	115	12
NOGDNBRG-MCINTYRE_115_9	26080	159	159	159	9-NOM	115	14
NORFOLK_-LAWRNCAV_115_4	326397	220	252	280	4	115	14
NORTHFLD-VRNON VT_345_381	25707	1195	1195	1323	381	345	501
NRTH1385-NOR HBR_138_601	325597	147	182	409	601	138	34
NRTH1385-NOR HBR_138_602	325598	147	182	409	602	138	34
NRTH1385-NOR HBR_138_603	325599	147	182	409	603	138	33
NRTH1385-NRTHPORT_138_NNC	25035	436	518	532	1385	138	101
NRTHPORT_138_138_PS2	25599	386	470	555	138_PS2	138	183
NRTHPORT_138N_138E_PAR 1	25598	436	518	532	E_PAR 1	138	101
NRTHPORT-ELWOOD_138_678	25543	356	536	614	678	138	98
NRTHPORT-ELWOOD_138_681	25544	358	538	616	681	138	105
NRTHPORT-PILGRIM_138_672	25307	188	289	350	672	138	136
NRTHPORT-PILGRIM_138_677	25308	379	534	611	677	138	273
NRTHPORT-PILGRIM_138_679	25309	383	532	609	679	138	273
NVRSK_TP-STHLOWTP_69_WH	26245	39	47	50	WH1-3_8	69	0
OAKDALE_230_115_BK 1	25400	275	400	440	BK 1	230	21
OAKDALE_345_115_BK 2	25401	491	587	600	BK 2	345	206
OAKDALE_345_115_BK 3	25399	420	499	600	BK 3	345	256
OAKDALE_-DELHI_115_919	25897	161	177	179	919	115	0
OAKDALE_-ENDICOTT_115_938	26198	161	177	225	938	115	121

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
OAKDALE_-FRASER__345_32	25235	1255	1518	1793	32	345	57
OAKDALE_-GOUDEY__115_939	26182	238	274	306	939	115	156
OAKDALE_-KATTLVLE_115_943	26201	139	163	192	943	115	57
OAKDALE_-NORTHSDE_115_944	26199	185	224	239	944	115	105
OAKFIELD-BATAVIA__115_112-2	25126	128	136	158	112-2	115	17
OAKWD232-LOCKPORT_115_37	326372	155	170	189	37	115	68
OAKWOOD_-ELWOOD__138_674	25545	364	479	566	674	138	28
OAKWOOD_-SYOSSET_138_675	25547	247	353	564	675	138	31
OHIOVLE-HIGHLAND_115_OR	26247	182	197	240	OR	115	3
ONEIDA_-SHERILPL_115_6	26113	116	120	145	6	115	32
ONEIDA_-WALESVIL_115_7	26115	116	120	145	7	115	27
ORCHARD_-LOCUSVLY_69_531	26613	73	87	92	531	69	25
OSWEGO__345_115_BK 7	25372	489	552	690	BK 7	345	282
OSWEGO_-ELBRIDGE_345_17	25234	1207	1326	1426	17	345	807
OSWEGO_-S.OSWEGO_115_3	25507	209	239	239	3-OS	115	117
OSWEGO_-S.OSWEGO_115_5	25508	209	239	239	5-OS	115	117
OSWEGO_-S.OSWEGO_115_8	25509	400	462	478	8-OS	115	42
OSWEGO_-VOLNEY__345_11	25199	1200	1326	1685	11	345	20
OSWEGO_-VOLNEY__345_12	25201	1200	1326	1685	12	345	20
OWENSCRN-SABICO__115_7	325736	116	120	145	7	115	9
OWENSCRN-SABICO__115_9	325737	116	120	145	9	115	0
PACKARD__230_115_BK 3	25414	189	250	250	BK 3	230	20
PACKARD__230_115_BK 4	25415	190	250	250	BK 4	230	80
PACKARD_-LNGRD209_115_182	26056	200	208	265	182	115	135
PACKARD_-MILTR209_115_129	25906	239	298	298	129	115	128
PACKARD_-MILTR210_115_130	26059	239	298	298	130	115	136
PACKARD_-NIAGB130_115_181-922	26055	160	166	206	181-922	115	132
PACKARD_-PACKARD_115_ZR452	326275	233	253	335	R452	115	0
PACKARD_-SAWYER__230_77	25164	556	644	746	77	230	362
PACKARD_-SAWYER__230_78	25195	556	644	746	78	230	362
PALMITER-BENNETT__115_932	26165	78	85	98	932	115	18
PANNELL_345_115_3T	25572	255	319	336	BK 3	345	121
PANNELL_345_115_4T	326315	489	598	598	BK 4	345	112
PANNELL_345_115_5T	326316	489	598	598	BK 5	345	112
PANNELL_345_115_6T	326317	493	556	556	BK 6	345	121
PANNELL_345_115_BK 1	25396	228	282	336	BK 1	345	112
PANNELL_345_115_BK 2	25431	228	282	336	BK 2	345	112
PANNELL_-CLAY__345_1	25058	1195	1195	1195	PC1	345	459
PANNELL_-CLAY__345_2	25050	1195	1195	1195	2	345	460
PANNELRG-FARMGTN__115_4-977	25080	207	247	280	4-FP	115	104

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
PANNELRG-STa_56__115_24	26285	129	148	160	24	115	115
PANNELRG-STa_56__115_25	26284	129	147	159	25	115	98
PARISHVL-COLTON__115_3	25241	128	147	159	3-CP	115	35
PATROON_-NANOTECH_115_6	25866	278	321	368	6	115	87
PATROON_-PATRTAP_115_15	25867	160	176	224	15	115	49
PATRTAP_-EVERETRD_115_15	26493	148	166	166	15	115	49
PAVMNTRD-STOLLERD_115_926	325220	249	287	327	926	115	12
PAWLING_-TILYFSTR_115_994	25902	175	178	179	994	115	37
PEARLRVR_69_34_BK 431	26695	29	33	40	BK 431	69	0
PEARLRVR-HARNGCRN_34_45	26278	19	24	28	45	34	0
PEARLRVR-MONTVALE_69_491	26273	116	135	142	491	69	37
PEAT ST_-HDSNBRDG_115_10	26648	207	233	233	10	115	71
PEAT ST_-HDSNBRDG_115_7	26649	278	321	368	7	115	14
PETERBOR-ONEIDA__115_5	25896	116	120	145	5	115	13
PIERCBRK-FIVEMILE_345_37	326225	1494	1721	1960	37	345	151
PILGRIM__138B_138A_PAR	25604	308	369	443	138_PS2	138	110
PILGRIM_-COMMACK__69_674	26539	114	132	146	674	69	77
PILGRIM_-HAUPPAUG_138_871	25550	259	319	351	871	138	110
PILGRIM_-WEST BUS_138_881	25537	439	498	565	881	138	85
PINEBUSH-SANDCREK_115_12	326635	116	120	145	12	115	42
PINEBUSH-WOODLAWN_115_35	326633	116	120	145	35	115	28
PINELAWN-W.BABYLN_69_754	26528	131	131	131	754	69	72
PINES__-BRENTWOD_69_758	326314	100	120	130	758	69	17
PLAINVIE-RULAND__69_560	26562	67	90	102	560	69	36
PLATSBURG-KNTFSRNC_115_PS1	25078	125	151	180	PS1	115	0
PLATTSBURGH PMLD #2	69888	157	179	197	PS-1/A	115	2
PLSNTVLE_345_13_BK 1	25477	59	67	67	BK 1	138	39
PLSNTVLE_345_13_BK 2	25478	59	67	67	BK 2	138	37
PLSNTVLE-DUNWODIE_345_W89	25182	1720	1977	2265	W89	345	787
PLSNTVLE-DUNWODIE_345_W90	25250	1720	1977	2265	W90	345	822
PLSNTVLY-EFISHKIL_345_F36	25256	1720	2215	2657	F36	345	245
PLSNTVLY-EFISHKIL_345_F37	25257	1720	2215	2657	F37	345	245
PLSNTVLY-WOOD_ST__345_F30	25237	1720	2214	2657	F30	345	695
PLSNTVLY-WOOD_ST__345_F31	25238	1720	2214	2657	F31	345	662
PLSTVYCH_115_69_TR 10	25840	107	120	143	TR 10	115	54
PLSTVYCH_345_115_BK S1	25382	396	450	450	BK S1	345	43
PLSTVYCH-HIBERNIA_69_E	25629	50	50	50	E	69	18
PLSTVYCH-INWOOD__115_X1	26209	175	193	220	X-1	115	43
PLSTVYCH-MANCHSTR_115_M	26208	183	230	260	M	115	77
PLSTVYCH-TODDHILL_115_C	325156	183	248	295	C	115	84

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
PORTER__-DERFIELD_115_8	26116	105	114	127	8	115	12
PORTER__-ROTTRDAM_230_30	25173	440	505	560	30-PR	230	227
PORTER__-ROTTRDAM_230_31	25194	440	505	560	31-PR	230	229
PORTER__-VALLEY___115_4	25231	116	120	145	4-PV	115	79
PORTER__-WATKINRD_115_5	25232	116	120	145	5-PW	115	87
PORTJEFF_138_69__BK 7	25601	111	138	156	BK 7	138	55
PORTJEFF_138_69__BK 8	25600	114	141	159	BK 8	138	46
PORTJEFF-HOLBROOK_138_862	25539	255	314	346	862	138	6
PORTJEFF-HOLBROOK_138_886	25540	256	315	347	886	138	6
PORTJEFF-WILDWOOD_69__881_872_87	26612	73	87	92	881_872	69	32
PORTWASH-BARBEACH_69__471	325218	125	154	170	471	69	15
PYRITES__-DEKALB___115_7	26065	76	87	94	7	115	14
QUAKERRD-MACEDON___115_930	25093	60	75	112	930	115	35
QUAKERRD-PANNELRG_115_914	25261	207	247	264	914	115	36
QUAKERRD-PANNELRG_115_925	25682	274	303	354	925	115	68
QUAKERRD-SLEIGHT___115_13-980	25079	150	169	187	980(13)	115	39
QUAKERRD-STA_204___115_908	26286	227	251	285	908	115	65
QUENBRDG-VERNON___138_31281	25159	363	455	602	31281	138	47
QUENBRDG-VERNON___138_31282	25160	363	455	602	31282	138	4
QUENSBRY-CEDAR___115_10	26140	128	147	159	10	115	42
QUENSBRY-SHERMAN___115_17	26142	116	120	145	17-QS	115	48
RAINEY__-FARRAGUT_345_61	25152	651	811	1287	61	345	249
RAINEY__-FARRAGUT_345_62	25253	691	818	1281	62	345	229
RAINEY__-FARRAGUT_345_63	25254	651	811	1287	63	345	249
RAINEY__-VERNON___138_36311	25296	233	280	317	36311	138	39
RAINEY__-VERNON___138_36312	25297	245	303	342	36312	138	87
RAMAPO___345_138__BK 1300	25441	451	546	619	1300	345	188
RAMAPO___345_138__BK 2300	25442	451	546	619	2300	345	192
RAMAPO___345_345__PAR3500	25370	611	788	1054	PAR3500	345	180
RAMAPO___345_345__PAR4500	25371	575	803	1081	PAR4500	345	180
RAMAPO___500_345__BK 1500	25656	995	1304	1750	BK 1500	345	360
RAMAPO__-BUCHAN_N_345_Y94	25184	1703	1894	2404	Y94	345	399
RAMAPO__-LADENTWN_345_W72	25233	1722	1894	2404	W72	345	271
RAMAPO__-SUGARLOF_345_76	326219	1872	2037	2145	76	345	487
RAMAPOOR-STRLFRST_138_26	326302	264	300	316	26	138	12
RAMAPOOR-TALLMAN___138_60	25880	425	451	475	60	138	236
RANGEHL__-CASTLEGD_115_937	325225	149	149	149	937	115	18
REYNOLDS_345_115__BK 2	25403	459	562	755	BK 2	345	320
REYNOLDS-ALPS_____345_1	25587	1670	1912	1912	1	345	272
REYNOLDS-GERENSLR_115_31	326247	217	250	280	31	115	78

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
REYNOLDS-GREENBSH_115_9	26129	329	400	474	9	115	131
REYNOLDS-RVSD_TAP_115_4	325648	220	239	239	4	115	32
RICHFELD-ESPRGFLD_115_7-942	26176	102	113	120	942	115	20
RIDGE_RD-HILLSIDE_115_963	26190	108	128	145	963	115	1
RIDGE_RD-HILLSIDE_115_978	26191	108	128	145	978-1	115	6
RIVERSDE-RVSD_TAP_115_4	26144	220	239	239	4	115	32
RIVERSDE-TRINITY_115_18	26491	147	178	243	18	115	76
RIVERSDE-TRINITY_115_19	26492	198	242	278	19	115	88
RIVRHEAD_138_69_BK 7	26622	114	141	156	BK 7	138	64
RIVRHEAD_138_69_BK 8	26623	112	138	156	BK 8	138	55
RIVRHEAD-SOUTHOLD_69_956_957	26621	100	120	130	956_957	69	26
ROBNSNRD_230_1_BK1P	25395	331	383	420	BK 1	230	22
ROBNSNRD-STOLLERD_230_65	25065	550	637	717	65	230	233
ROCHESTR_345_115_BK 1	25412	494	603	630	BK 1	345	161
ROCHESTR_345_115_BK 2	25432	327	415	478	BK 2	345	184
ROCHESTR_345_115_BK 3	25446	494	603	630	BK 3	345	155
ROCHESTR_345_115_BK 5	325381	462	567	630	BK 5	345	301
ROCHESTR-PANNELL_345_RP1	25192	1301	1501	1685	RP1	345	279
ROCHESTR-PANNELL_345_RP2	25172	1301	1501	1685	RP2	345	280
ROCKHILL-MNTNDALE_115_957	325615	153	163	173	957	115	31
ROCKTVRN_345_115_BK TR1	25406	396	445	445	BK TR1	345	73
ROCKTVRN_345_115_BK TR3	26168	396	459	519	BK TR3	345	73
ROCKTVRN-RAMAPO_345_77	25183	1872	2037	2145	77	345	591
ROCKTVRN-SUGARLOF_345_76	326218	1872	2037	2145	76	345	657
ROCKTVRN-SUGRLOAF_115_SL	25420	177	204	218	SL	115	0
ROCKTVRN-UNION_CH_115_RJ	326347	161	177	220	RJ	115	43
ROME_-ONEIDA_115_1	26112	129	157	192	1-RO	115	21
RONKOKMA-HOLBROOK_138_875	25541	429	488	553	875	138	109
ROSA_RD_-GE_R_D_115_14	26145	200	217	260	14	115	46
ROSETON_-EFISHKIL_345_RFK305	25108	1936	2666	3133	RFK305	345	1416
ROSETON_-ROCKTVRN_345_311	25069	1396	1623	1870	311	345	85
ROTTRDAM_230_115_BK 6	25407	344	375	523	BK 6	230	124
ROTTRDAM_230_115_BK 7	25392	300	355	402	BK 7	230	121
ROTTRDAM_230_115_BK 8	25413	326	369	423	BK 8	230	96
ROTTRDAM-BURDECK_115_17	25129	116	120	145	17-RB	115	47
ROTTRDAM-BURDECK_115_19	26146	116	120	145	19-RB	115	67
ROTTRDAM-CURRY_RD_115_11	25869	116	120	145	11	115	24
ROTTRDAM-EASTOVER_230_38	326094	443	512	574	38	230	98
ROTTRDAM-FRONT_ST_115_16	26147	220	252	280	16	115	111
ROTTRDAM-PINEBUSH_115_35	25865	116	120	145	35	115	11

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
ROTTRDAM-SWAGRTWN_115_1	26429	418	478	478	1	115	129
ROTTRDAM-SWAGRTWN_115_2	26430	232	241	291	2	115	106
RULAND_-HOLBROOK_138_882	25538	446	507	574	882	138	16
RULAND_-PILGRIM_138_661	25310	520	552	552	661	138	88
RULAND_-PILGRIM_138_662	25311	489	536	550	662	138	88
RULAND_-PINELAWN_69_755	26561	73	87	92	755	69	16
RULAND_-STATSCHL_69_665	26560	73	87	92	665	69	48
RUTHROAD-LINE8TAP_115_8	326639	116	120	145	8	115	27
RUTHROAD-PINEBUSH_115_12	326634	186	214	237	12	115	28
RYAN___-PLATSBRG_230_RYP-2	25273	249	277	318	RYP-2	230	59
RYNDS_HL-HIGHLAND_115_HR	325825	183	214	240	HR	115	17
RYNDS_HL-INWOOD___115_IR	26248	175	193	220	IR	115	58
S.FRMDAL-BERRY_LI_69_654	26530	73	87	92	654	69	48
S.FRMDAL-RULAND___69_651	26568	142	155	178	651	69	74
S.FRMDAL-RULAND___69_751	26569	127	175	238	751	69	20
S.FRMDAL-STERLING_69_657	26526	73	87	92	657	69	8
S.MAHWAH-RAMAPOOR_138_51	25888	236	270	285	51	138	91
S.OSWEGO-CLEARWTR_115_9	25510	192	199	199	9	115	91
S.OSWEGO-CURTIS___115_10	25511	175	175	175	10	115	82
S.OSWEGO-HAMRHILL_115_6	25513	114	120	142	6-IH	115	16
S.OSWEGO-NINEMILE_115_1	25501	116	120	145	1-SN	115	26
S.OWEGO_-GOUDEY___115_961	25725	112	131	143	961	115	36
S.OWEGO_-NWAVERLY_115_962	25727	111	131	143	962-2	115	18
S.PERRY_230_115_BK4	326585	246	296	336	BK 4	230	0
S.PERRY_-MEYER___115_934	26194	82	96	104	934	115	44
S.PERRY_-MEYER___230_87	326586	417	479	533	85	230	66
S.RIPLEY-DUNKIRK_230_68	25045	475	475	475	68	230	165
S124___115A_115B_PS1	325930	163	234	354	PS1	115	115
S124___115A_115B_PS2	325931	163	234	354	PS2	115	115
S42___-S124___115_932	325827	185	207	215	932	115	114
S42___-S124___115_938	325972	185	207	215	938	115	114
SABICO_-LONGLANE_115_7	26501	199	199	199	7	115	5
SALAMANC_HOMER_HL_115_153	325763	128	147	159	153	115	31
SALAMANC_HOMER_HL_115_154	325764	128	147	159	154	115	35
SANBORN_-LOCKPORT_115_101	25267	233	253	318	101	115	75
SANBORN_-SHAWNERD_115_102	326179	275	303	354	102	115	76
SAND_BAR-PLATSBRG_115_PV20	25027	210	245	258	PV20	115	104
SANDCREK-LINE8TAP_115_8	326640	116	120	145	8	115	12
SANDCREK-STATE_CA_115_12	326636	148	166	166	12	115	42
SANDDOCK-NCHELSEA_115_SC	26249	183	248	279	SC	115	44

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
SANDY PD-TEWKSBRV_345_337	26366	1802	1908	2045	337	345	494
SANDY PD-WACHUSST_345_314	26352	1731	2108	2400	314	345	276
SANDY PD-WACHUSST_345_343	25716	1435	1609	1741	343	345	562
SAUGRTES-HURLYAVE_69_SB	26238	68	75	82	SB	69	25
SAWYER__230_23_TB1	325047	104	128	128	TB1	230	52
SAWYER__230_23_TB2	325048	104	128	128	TB2	230	53
SAWYER__230_23_TB3	325049	104	128	128	TB3	230	49
SAWYER_-HUNTLEY_230_77	325043	566	654	755	77	230	311
SAWYER_-HUNTLEY_230_78	325044	566	654	755	78	230	309
SAWYER_-SUNY_BUF_230_79	325045	566	654	710	79	230	266
SAWYER_-SUNY_BUF_230_80	325046	566	654	755	80	230	264
SCHODACK-GREENBSH_115_13	325804	186	199	199	13	115	84
SCHUYLER-PORTER__115_13	326142	129	182	191	13	115	38
SCOBIE_-EAGLE__345_380	25708	1431	1431	1431	380	345	250
SCOBIE_-SEABROOK_345_363	26378	1494	1494	1494	363	345	452
SCOTAFIT-MASONCR_115_909	325702	155	179	193	909	115	5
SCRIBA_-FITZPTRK_345_FS-10	25076	1434	1434	1912	FS-10	345	219
SCRIBA_-VOLNEY__345_20	25204	1200	1396	1686	20	345	596
SCRIBA_-VOLNEY__345_21	25314	1670	1912	1912	21-SV	345	780
SEBATVIA-EBATAVIA_115_119	326098	129	160	173	119	115	31
SENECA_-GARDNVLB_230_71	25856	306	354	370	71	230	28
SENECA_-GARDNVLB_230_72	25857	306	354	370	72	230	28
SGOSHEN_-SHOEMAKR_69_25	26692	69	79	83	25	69	20
SHALETON-CLVRBANK_115_141	325875	88	101	108	141	115	38
SHALETON-LAKEVIEU_115_141	325874	88	101	108	141	115	36
SHAWNERD-LOCKPORT_115_102	26052	233	253	318	102	115	68
SHAWNERD-LOCKPORT_115_103	26051	174	181	199	103	115	53
SHELBY76-SWEDEN__115_111	326393	199	199	199	111	115	17
SHENDOAH-EFISHKIL_115_EF	26251	198	230	260	EF	115	52
SHERMAN_-SPIERFLS_115_17	26148	116	120	145	17-SS	115	47
SHERMCRK-ACADEMY_138_331	325755	313	406	524	331	138	150
SHERMCRK-ACADEMY_138_332	325754	313	406	524	332	138	150
SHERMCRK-E179THST_138_15031	25156	162	220	360	15031	138	123
SHERMCRK-E179THST_138_15032	25157	162	220	360	15032	138	122
SHOEMAKR_138_69_BK_711	26694	212	281	319	BK 711	138	81
SHOEMAKR_138_69_BK_811	326024	193	225	253	BK 811	138	93
SHOEMAKR-CHESTROR_138_27	26466	236	270	285	27	69	59
SHOEMAKR-HARTLYRD_69_24	26690	69	79	83	24	69	15
SHOEMAKR-MONGAUP_69_12	26693	51	65	74	12	69	7
SHOEMAKR-MONGAUP_69_13_131	26467	51	65	74	13_131	69	5

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
SHOR_NPX-SHOREHAM_138_CSC	325153	353	353	353	NPX_CSC	138	330
SHORE_RD_345_138_BK 1	25439	428	534	641	BK 1	345	291
SHORE_RD_345_138_BK 2	25440	428	534	641	BK 2	345	290
SHORE_RD-GLENWOOD_138_365	25205	258	317	350	365	138	84
SHORE_RD-GLENWOOD_138_366	25154	272	349	409	366	138	54
SHORE_RD-LAKSUCSS_138_367	25145	237	411	543	367	138	220
SHORE_RD-LAKSUCSS_138_368	25150	238	412	545	368	138	220
SHOREHAM-MILLERPL_138_879	25117	393	479	565	879	138	36
SHOREHAM-WILDWOOD_138_863	25115	388	472	558	863	138	172
SHOREHAM-WILDWOOD_138_867	25114	395	480	567	867	138	169
SHOREHM_-WILDWOOD_69_891	26570	236	259	266	891	69	50
SIDNEYRR-DELHI___115_949	326184	80	110	120	949	115	46
SLEIGHT___115_34___BK 1	70523	35	43	67	BK 1	115	24
SLEIGHT___115_34___BK 2	70524	35	43	67	BK 2	115	27
SLEIGHT_-CLYDE___115_3-971	26686	129	143	143	971(3)	115	12
SMAHWAH_345_138_BK 258	25393	441	516	559	258	345	164
SMAHWAH_-RAMAPO___345_69	25021	1226	1737	2268	69	345	217
SMAHWAH_-RAMAPO___345_70	25259	1720	1890	2398	70	345	167
SMITHBRD-WEIBELAV_115_2	325903	232	241	291	2	115	15
SMITHBRD-WEIBELAV_115_302	325904	220	253	280	302	115	19
SMITHFLD-AMENIA___69_825	26458	24	24	24	825	69	0
SMITHFLD-SALISBRY_69_690/FV	25619	31	31	31	690	69	2
SMITHTWN-FLOWRFLD_69_879	26609	142	155	178	879	69	41
SODEMNRD-TAPBROOK_115_302	326825	443	512	574	302	115	11
SORELHIL-ANHRBUSH_115_9	326802	192	221	245	9	115	76
SORELHIL-BELMONT___115_13	326800	187	191	191	13	115	48
SOUTHLOW-CARRSCRN_115_153	326162	128	147	159	153	115	25
SOUTHLOW-CARRSCRN_115_154	326164	128	147	159	154	115	17
SOUTHOLD-BUELL___69_958	26626	105	126	178	958	69	57
SPENCRT-STA_113___115_947	326080	113	123	135	947	115	57
SPERRY_-NRTHILLS_69_367	26572	89	113	124	367	69	10
SPIERFLS-BUTLER___115_4	26136	105	114	134	4-SFB	115	32
SPIERFLS-CURTPALM_115_9	326145	105	114	134	9	115	3
SPIERFLS-MOHICAN___115_7	26435	116	120	145	7	115	26
SPIERFLS-QUENSBRY_115_5	26141	116	120	145	5-SFQ	115	53
SPIERFLS-TAPBROOK_115_2	25874	232	241	291	2	115	63
SPIERFLS-TAPBROOK_115_302	25873	182	197	248	302	115	26
SPRAINBROOK - SPRNBR49	26725	693	936	1392	R49REAC	345	0
SPRINGVL-ARCADE___115_151	326167	129	148	160	151	115	14
SPRINGVL-MACHIAS___115_152	326171	129	139	139	152	115	3

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
SPRNBRK_345_138_BK N7	25628	284	397	417	BK N7	345	218
SPRNBRK_345_138_BK S6	25625	284	397	417	BK S6	345	224
SPRNBRK_-ACADEMY_345_M29	325756	474	719	1351	M29	345	301
SPRNBRK_-DUNWODIE_138_99941	25245	294	416	464	99941	138	224
SPRNBRK_-DUNWODIE_138_99942	25246	330	402	464	99942	138	218
SPRNBRK_-DUNWODIE_345_W75	25071	2331	2658	3202	W75	345	727
SPRNBRK_-EGRDNCTR_345_Y49	25105	637	900	1329	Y49	345	635
SPRNBRK_-TREMONT_345_X28	25175	465	675	1182	X28	345	401
SPRNBRK_-W49TH_ST_345_M51	25053	760	927	1527	M51	345	607
SPRNBRK_-W49TH_ST_345_M52	25223	760	927	1527	M52	345	601
ST55-139-CLVRBANK_115_141	325876	88	101	108	141	115	44
ST55-139-CLVRBANK_115_142	325882	88	101	108	142	115	44
STA_1185-STA_180_-115_907	326235	61	81	108	907	115	12
STA_128_-STA_82___115_906	26303	129	147	159	906	115	20
STA_133_-STA_1185_115_933	326161	117	129	149	933	115	43
STA_135_-STA_230_115_929	325839	226	249	269	929	115	78
STA_158_-STA_128_115_924	26654	129	147	155	924	115	17
STA_162_-S.PERRY__115_906- 7X	25062	111	131	143	906-7X	115	23
STA_162_-STA_1185_115_907	325254	96	127	169	907	115	31
STA_162_-STA_158_115_924	26653	129	147	155	924	115	8
STA_204_115_34_BK 1	70539	56	67	112	BK 1	115	27
STA_204_115_34_BK 2	70540	56	67	112	BK 2	115	31
STA_204_-S124____115_911	26307	218	228	261	911	115	114
STA_23_-S42____115_920	70027	74	94	133	920	115	33
STA_230_-QUAKERRD_115_929	325840	226	249	269	929	115	66
STA_251_-MORTIMER_115_901	25097	183	197	241	901	115	112
STA_251_-STA_33_115_942	326100	193	213	241	942	115	39
STA_251_-STA_33_115_943	326101	193	213	241	943	115	160
STA_33_115_34_BK10	70541	75	90	132	BK 1_2	115	54
STA_37__115_34_BK 8	70542	50	59	100	BK 8	115	41
STA_37_-STA_48___115_926	26314	275	305	355	926	115	89
STA_37_-STA_48_34_716	26315	34	37	40	716	34	15
STA_37_-STA_67___115_926	26313	250	280	300	926	115	130
STA_418_-STA_113_115_917	326069	129	147	159	917_910	115	73
STA_48__115_34_BK 6	70544	57	66	69	BK 6	115	32
STA_48__115_34_BK 9	70543	59	66	112	BK 9	115	31
STA_56_-QUAKERRD_115_23	26288	145	151	153	23	115	90
STA_56_-STA_82___115_23	26287	145	151	185	43519	115	49
STA_67_-ROCHESRG_115_922	26321	311	364	376	922	115	184
STA_67_-STA_418_115_910	326048	175	211	239	910	115	115

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
STA_67_-STA_82_115_903	26322	311	364	384	903	115	117
STA_69_-STA_71_115_945	326238	103	121	141	945	115	3
STA_69_-STA_93_115_917	326237	125	143	155	917	115	22
STA_7_-STA_48_115_919	26302	226	249	269	919	115	64
STA_7_-STA_48_115_927	326039	253	292	309	927	115	68
STA_7_-STA_93_115_917	26301	117	127	147	917	115	36
STA_70_-SPENCPRT_115_947	326343	113	123	135	947	115	49
STA_71_-STA_70_115_946	326342	113	123	135	946	115	16
STA_82_-MORTIMER_115_7X8272	25098	258	358	410	7X8272	115	145
STA_82_-ROCHESRG_115_904	25081	506	584	618	904	115	286
STA_82_-ROCHESRG_115_905	26305	506	584	618	905	115	249
STA_82_-STA_251_115_902	70058	175	211	239	902	115	39
STA_82_-STA_48_115_916	326055	422	504	532	916	115	117
STATE_CA-PATRTAP_115_15	26494	160	176	224	15	115	49
STATE_ST-WRGHTAVE_115_976	26200	185	221	239	976	115	62
STERLING_138_69_BK 3	26524	219	283	320	BK 3	138	133
STERLING-LINDHRST_69_752	26529	73	87	92	752	69	38
STERLING-RULAND_138_663	26498	219	283	320	663	138	133
STJHNVLE-MARSHVLE_115_11	26127	159	159	159	11	115	32
STLAWRNC_230A_230C_PS 33	25118	240	259	334	PS 33	230	0
STLAWRNC_230B_230D_PS 34	25119	300	336	466	PS 34	230	0
STLAWRNC-MOSES_230_L33P	25026	299	411	446	L33P	240	0
STLAWRNC-MOSES_230_L34P	25037	317	411	446	L34P	240	0
STOLLERD_345_115_BK 3	25461	316	378	420	BK 3	345	38
STOLLERD_345_115_BK 4	25462	323	391	420	BK 4	345	38
STOLLERD-HISHELDN_230_67	25064	417	479	533	67	230	34
STONBROK-PORTJEFF_69_877	326336	100	120	130	877	69	72
STONCREK-WETHSRFD_230_83	325973	417	479	533	83	230	55
STONER_-ROTTDRAM_115_12	25680	84	84	84	12-SR	115	24
STONYRDG_230_115_BK1	325811	247	336	336	BK1	230	69
STONYRDG-HILLSIDE_230_72	325810	498	574	653	72	230	13
STRLFRST-LAKRD_OR_69_98	326300	118	135	142	98	69	34
STURGNPL_115_69_BK8	326293	86	116	135	TR 8	115	16
STURGNPL-BOULEVRD_69_N	26211	45	47	55	N	69	6
STURGNPL-DASHVLE_69_O	26246	45	47	55	O	69	5
STURGNPL-OHIOVLE_115_OR	326294	182	193	193	OR	115	21
STWMANOR-LAKSUCSS_69_366	26585	66	83	88	366	69	29
SUGARISL-COLTON_115_4	26084	181	197	248	4	115	9
SUGRLOAF_138_69_BK 6108	26333	189	222	250	BK 6108	115	72
SUGRLOAF_345_138_BK1112	326220	425	451	475	BK1112	345	168

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
SUGRLOAF_69_138_BK 7108	25891	192	226	253	BK 7108	138	61
SUGRLOAF-SGOSHEN_69_241	325306	69	79	83	24	69	1
SUGRLOAF-STRLFRST_138_261	25326	264	300	316	26	138	69
SUGRLOAF-WISNER_69_993	26696	118	135	142	993	69	28
SULLVNP-K-STONYRDG_115_712	325809	235	272	313	712	115	69
SUMMIT97-BUFALO78_115_130	326292	239	298	298	129	115	119
SUMMIT97-WALCK_RD_115_129	326289	239	298	298	129	115	87
SUNY_BUF-GARDNVLB_230_79	25165	566	654	699	79-1	230	254
SUNY_BUF-GARDNVLB_230_80	25196	566	654	722	80-1	230	250
SWAGRTWN-SODEMNRD_115_2	325894	443	447	447	2	115	127
SWANROAD-LOCKPORT_115_104	26050	168	181	199	104	115	0
SWANROAD-SHAWNERD_115_103	326181	168	181	206	103	115	61
SWEDEN_-BROCKP74_115_111	326130	129	136	153	111	115	35
SWEDEN_-BROCKP74_115_113	326132	143	165	180	113	115	29
SWEDEN_-MORTIMER_115_111	25347	129	149	153	111	115	19
SWEDEN_-MORTIMER_115_113	25348	129	149	153	113	115	22
SWEDEN_-SHELBY76_115_113	326131	143	165	180	113	115	14
SWETH224-GETZVL60_115_36	326365	174	181	226	36	115	14
SWETH224-GETZVL60_115_37	326366	174	181	226	37	115	14
SYLVANLK-PAWLING_115_990	26156	203	227	239	990	115	96
SYOSSET_138_69_BK 5	26565	227	263	302	BK 5	138	103
SYOSSET_WOODBURY_69_555	26567	100	120	130	555	69	49
SYOSSET-LOCUSTGR_138_559	25904	388	472	557	559	138	200
SYOSSET-OYSTERBY_69_533	326067	140	155	178	533	69	43
TALLMAN-MONSEY_138_602	325609	425	451	475	602	138	181
TAYLORVL-BULYMO_115_6	26070	105	114	124	6	115	53
TAYLORVL-LOWVILLE_115_5	26107	102	114	134	5-TL	115	61
TEALLAVE-ASH_115_7-TA	26063	120	148	148	7-TA	115	43
TEALLAVE-ASH_115_8-AT	26117	120	148	148	8-AT	115	43
TEALLAVE-BM_CC_GM_115_6	26154	187	213	236	6	115	52
TEALLAVE-CROUSEHD_115_13	326066	202	219	239	13	115	12
TEALLAVE-ONEIDA_115_2	25895	116	120	145	2-OT	115	37
TEALLAVE-PETERBOR_115_5	325164	116	120	145	5	115	48
TELGRAPH_115_34_114_BK 2	26509	52	63	63	BK 2	115	18
TELGRAPH_115_34_115_BK 1	26013	52	63	63	BK 1	115	19
TELGRAPH-AKRONVIL_115_107	26508	179	179	179	107	115	25
TELGRAPH-SHELBY76_115_114	25349	129	149	153	114	115	9
TEMPLE_-PEAT ST_115_10	26715	119	152	179	10-TP	115	53
TERMINAL-PORTER_115_6	326140	200	208	265	6	115	47
TERMINAL-SCHUYLER_115_7	326141	116	120	145	7	115	13

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
TIANA__-CANAL__69_966	26618	107	107	107	966	69	12
TIANA__-RIVRHEAD_69_961	26616	107	107	107	961	69	31
TIANA__-RIVRHEAD_69_962	26617	107	107	107	962	69	31
TICONDRG-REPUBLIC_115_914(2)	26470	71	71	71	914(2)	115	15
TILDEN__-DEWITT__115_19	26092	182	197	236	19-TD	115	102
TILYFSTR-CROTONFL_115_994	326413	175	178	179	994	115	13
TNWDA206-OAKWD232_115_36	326368	145	151	185	36	115	58
TNWDA206-OAKWD232_115_37	326371	145	151	185	37	115	58
TODDHILL-FISHKPLN_115_A	325157	232	253	304	A	115	49
TREMONT__138A_138B_BK 11	25649	243	279	312	BK 11	138	200
TREMONT__138C_138D_BK 12	25650	243	279	312	BK 12	138	200
TREMONT__345_138_BK 11	25473	245	299	339	BK 11	345	200
TREMONT__345_138_BK 12	25474	246	299	339	BK 12	138	200
TREMONT__-PARKCHTR_138_38X01	25120	180	320	526	38X01	138	100
TREMONT__-PARKCHTR_138_38X02	25121	180	320	526	38X02	138	100
TREMONT__-PARKCHTR_138_38X03	25122	190	318	526	38X03	138	98
TREMONT__-PARKCHTR_138_38X04	25123	190	318	526	38X04	138	101
TULLERHL-CLRKSCRN_115_1-716	26192	128	147	159	1-716	115	2
UNION_CH-BETHLMRD_115_UB	326345	143	164	178	UB	115	19
UNIONVAL-CROTONFL_115_991	326417	215	247	275	991	115	47
URBAN154-DALEROAD_115_39	326152	174	181	226	39	115	51
URBAN154-NEWWALDN_115_38	326151	174	181	226	38	115	52
VALKIN__-FT_ORAN_115_15	325685	186	214	237	15	115	90
VALLEY__-FAIRFIEL_115_12	325743	116	120	145	12	115	54
VALLYSTR_138A_138B_PAR	25607	307	368	441	B_PAR	138	100
VALLYSTR-BARRETT__138_291	25312	184	271	393	291	138	126
VALLYSTR-BARRETT__138_292	25313	181	271	330	292	138	142
VALLYSTR-EGRDNCTY_138_262	25244	206	286	344	262	138	137
VERNON__138A_138B_PAR R1	325712	352	431	495	PAR R1	138	0
VERNON__-GREENWD__138_31231	25337	174	226	247	31231	138	98
VERNON__-KENTAVE__138_31232	26123	174	226	247	31232-1	138	49
VERNON__-W49TH_ST_138_38M72	325122	130	172	216	38M72	138	91
VINGR_TP-VINEGAR__115_917 TAP	26455	125	152	193	917 TAP	115	3
VOLNEY__-CLAY____345_6	25198	1109	1344	1686	6	345	833
VOLNEY__-MARCY____345_19	25345	1434	1650	1971	19	345	575
VRNON VT-FITZWILL_345_379	26388	896	896	896	379	345	163
VT YANK__-VRNON VT_345_3340	25717	1224	1230	1434	3340	345	68
W.BABYLN-BRGHTWTR_69_766_771	26538	136	150	178	766_771	69	12
W.NYACK__138_69_BK 221	26334	212	281	319	BK 221	138	84
W.NYACK__-CEDAR_OR_69_551	326217	117	133	141	551	69	28

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
W.NYACK_-SNKEHLRD_138_562	325906	212	267	281	563	138	84
W_ERIAVE-HICKLING_115_935	325568	120	120	120	935	115	0
W_ERIAVE-SULLVNP_115_711	325808	245	272	313	711	115	49
W49TH_ST-E13THSTA_345_M54	25228	753	986	1566	M54	345	236
W49TH_ST-E13THSTA_345_M55	25222	753	986	1566	M55	345	229
WADNGRIV-NSHORBCH_138_878	325642	442	489	597	878	138	29
WADNGRIV-SHOREHAM_138_891	25342	391	476	562	891	138	48
WALCK_RD-BUFALO78_115_133	26153	239	298	298	133	115	145
WALDEN_-WALDN_A2_115_BK 1	25429	38	39	42	BK 1	115	15
WALDENNG-GARDNVLB_115_182	26015	168	181	206	182	115	60
WALDENNG-GARDNVLB_115_38	26039	168	181	206	38	115	41
WALDENNG-INGCALTN_115_54-921	26024	187	215	236	54-921	115	20
WALDWICK_345_230_BK1	25479	549	713	806	BK1	345	74
WALDWICK_345_230_BK2	25480	557	716	794	BK2	345	74
WALDWICK_345_230_BK3	25481	609	794	901	BK3	345	74
WALDWICK-SMAHWAH_345_J3410	25032	672	1043	1920	J3410	345	53
WALDWICK-SMAHWAH_345_K3411	25039	675	1041	1920	K3411	345	167
WALESVIL-CAVANARD_115_7	325213	116	120	145	7	115	40
WARNSBRG-SCOFDRD_115_10	326148	105	114	119	10	115	40
WARREN_-FALCONER_115_171	25015	116	116	120	171	115	0
WATKINRD-INGHAM_C_115_2	25805	116	120	145	2-WI	115	65
WATRCURE_345_230_BK 1	25402	426	520	600	BK 1	345	232
WATRCURE-OAKDALE_230_71	25179	275	400	440	71	230	21
WATRCURE-OAKDALE_345_31	25178	963	1074	1076	31	345	223
WATSON_-BAYPORT_69_774_779	26557	73	87	92	774_779	69	12
WATSON_-SAYVILLE_69_780	26554	73	87	92	780	69	3
WBALMVLE-MARLBORO_115_MW	326090	198	230	260	MW	115	18
WEST BUS-SILLSRD_138_873	325618	493	540	618	873	138	9
WESTMLTN-SODEMNRD_115_302	326824	443	512	574	302	115	11
WETHSRFD-S.PERRY_230_85	325623	417	479	533	85	230	66
WETZEL_-CLAY_____115_7	326207	220	252	280	7-CL	115	1
WHAVSTOR-LOVETT_138_53	25884	236	270	285	53	138	8
WHAVSTOR-STONYPNT_138_542	326049	236	270	285	542	138	19
WHAVSTRW_345_138_BK 194	25447	451	546	619	BK 194	345	229
WHAVSTRW-WHAVSTOR_345_671	326216	451	546	619	671	345	229
WHITEHAL-COMSTKNM_115_13	25903	116	120	145	13	115	14
WHITEHAL-TICONDRG_115_3	26471	116	120	145	3	115	38
WHITMAN_-ONEIDA_115_8	25894	146	157	159	8	115	19
WHTESIDE-VALLYSTR_69_262	26592	73	87	92	262	69	34
WICCOPEE-SHENDOAH_115_FS	325773	194	214	240	FS	115	20

Equipment Name	PTID	NOR	LTE	STE	Line ID	KV	MW Flow
WILDWOOD_138_69_BK 4	26550	227	263	302	BK 4	138	85
WILDWOOD-RIVRHEAD_138_890	25905	295	325	377	890	138	165
WILDWOOD-RIVRHEAD_69_955	26619	142	155	178	955	69	51
WILLET_-ENORWICH_115_945	25732	108	128	145	945-1	115	53
WILLIS__230_115_AT1	25388	145	179	209	BK 1	230	7
WILLIS__230_115_AT2	25390	145	179	209	BK 2	230	7
WILLIS_-CHAT_TAP_115_1(911)	26204	135	159	175	1(911)	115	20
WILLIS_-PATNODE_230_WPN-1	325565	434	500	532	WPN-1	230	77
WILLIS_-RYAN__230_WRY-2	325566	396	459	524	WRY-2	230	87
WILLWBRK-FRESHKLS_138_29211	25319	182	262	439	29211-2	138	137
WILLWBRK-FRESHKLS_138_29212	25320	182	262	439	29212-2	138	150
WISNER_-HUNT__69_991	326284	118	135	142	991	69	3
WOLF_RD_-EVERETRD_115_10	26255	116	117	117	10	115	66
WOLFHILL-GREENLWN_69_667	26558	142	155	178	667	69	22
WOOD_ST_345_115_BK 1	25437	302	354	420	BK 1	345	112
WOOD_ST_345_115_BK 2	25438	311	368	420	BK 2	345	103
WOOD_ST_-MILLWOOD_345_W80	25148	1720	2215	2657	W80	345	590
WOOD_ST_-MILLWOOD_345_W81	25525	1720	2215	2657	W81	345	662
WOOD_ST_-PLSNTVLE_345_Y86	25358	1839	2520	3056	Y86	345	864
WOOD_ST_-PLSNTVLE_345_Y87	25132	1775	1977	2265	Y87	345	826
WOODBURY_PLAINVIE_69_483	325975	106	147	178	483	69	27
WOODLAWN-RUTHROAD_115_12	26490	182	197	237	12	115	28
WOODMERE-VALLYSTR_69_261	325285	89	112	118	261	69	35
WOODSTNY-AMAWALK__115_996	25574	215	247	275	996	115	69
WRGHTAVE-MILLIKEN_115_973	26195	185	221	249	973	115	17
WTRVLARS-GERENSLR_115_31	26423	128	147	159	31	115	74
WWDBURNY_115_69_BK 1	25404	48	50	50	BK 1	115	20
WYNTKLN-REYNOLDS_115_13-988	26143	186	214	237	13-WR	115	104
WYNTKLN-REYNOLDS_115_13-988	26489	56	57	60	BK2	115	20
YAHNUNDA-DEBALSO__115_3	26515	125	143	154	3	115	54
YAWGERRD-RIDGE_RD_115_963	326312	217	227	262	963	115	40
YOUNG214-HUNTLEY__115_133	26042	168	181	206	133	115	112
YOUNG214-SWETH224__115_36	326364	174	181	226	36	115	5

Appendix E – INTERFACE DEFINITIONS

NYISO OPERATING INTERFACES & OASIS TRANSMISSION PATHS

DYSINGER EAST		
West (Zone A) – Genesee (Zone B)		
Name	Line ID	Voltage (kV)
*Somerset-Rochester (Station 80)	SR1-39	345
Niagara-Rochester (Station 80)*	NR2	345
*Lockport-N. Akron	108	115
*Lockport-Oakfield	112	115
*Lockport-Sweden 1	111	115
*Lockport-Shelby	113	115
*Lockport-Telegraph	107	115
*Lockport-Telegraph	114	115
West (Zone A) – Central (Zone C)		
*Stolle Road-High Sheldon	67	230
*Andover-Palmiter	157-932	115

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*	X28	345
*Sprain Brook-West 49 th Street	M51	345
*Sprain Brook-West 49 th Street	M52	345
*Sprain Brook-Academy	M29	345
*Dunwoodie-Sherman Creek	99031	138
*Dunwoodie-Sherman Creek	99032	138
*Dunwoodie-East 179 th Street	99153	138
Long Island (Zone K) – NYC (Zone J)		
*Lake Success-Jamaica	903	138
*Valley Stream-Jamaica	901L_M	138

* indicates the metered end of the circuit

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

UPNY-CONED		
Hudson Valley (Zone G) – Millwood (Zone H)		
Name	Line ID	Voltage (kV)
*Ladentown-Buchanan South	Y88	345
*Pleasant Valley-Wood St.	F30	345
*Pleasant Valley-Wood St.	F31	345
*Pleasant Valley-East Fishkill	F36	345
*Pleasant Valley-East Fishkill	F37	345
*Ramapo-Buchanan North	Y94	345
Roseton-East Fishkill*	RFK305	345
*Fishkill Plains–Sylvan Lake	FP/990	115
East Fishkill 115/345*	BK1	115/345
East Fishkill 115/345*	BK2	115/345

CENTRAL EAST		
Mohawk Valley (Zone E) – Capital (Zone F)		
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*	7-942	115
Inghams PAR	PAR	115
Inghams Bus Tie	R81	115
North (Zone D) – ISONE (Zone N)		
*Plattsburgh-Sand Bar	PV20	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	GF5-35	345
Porter-Rotterdam*	30	230
Porter-Rotterdam*	31	230
East Springfield-Inghams*	7-942	115
Inghams PAR	PAR	115
Inghams Bus Tie	R81	115
Mohawk Valley (Zone E) – Hudson Valley (Zone G)		
Middletown-Rock Tavern*	CCRT34	345
Coopers Corners-Dolson Ave.*	CCDA42	345
Middletown 345*/138	BK114	345/138
West Woodbourne 115/69*	BK1	115/69
North (Zone D) – ISONE (Zone N)		
*Plattsburgh-Sand Bar	PV20	115
PJM East (Zone P) – Hudson Valley (Zone G)		
Hopatcong-Ramapo*	5018	500
*Waldwick-S. Mahwah	J3410	345
*Waldwick-S. Mahwah	K3411	345
PJM East (Zone P) – NYC (Zone J)		
Marion-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 the circuit

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

NYISO-ISONNE		
North (Zone D) – ISONNE (Zone N)		
Name	Line ID	Voltage (kV)
*Plattsburgh-Sand Bar	PV20	115
Capital (Zone F) – ISONNE (Zone N)		
*Alps-Berkshire	393	345
Eastover-Bear Swamp*	E205W	230
*Hoosick –Bennington	K6	115
*Whitehall-Blissville	K7	115
Hudson Valley (Zone G) – ISONNE (Zone N)		
*Cricket Valley-Long Mountain	398	345
Smithfield-Salisbury*	690/FV	69

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

* indicates the metered end of the circuit

PJM-NYISO		
PJM East (Zone P) – NYC (Zone J)		
Name	Line ID	Voltage (kV)
Marion-Farragut*	C3403	345
Hudson-Farragut*	B3402	345
Linden-Goethals*	A2253	230
PJM West – Central (Zone C)		
*Mainesburg-Watercure	30	345
*Mainesburg-Mainesburg NY	47	345
*Homer City-Homer City NY	47	345
E. Towanda-Hillside*	70	230
Laurel Lake-Goudey*	952	115
*E. Sayre-N. Waverly	956	115
PJM West – West (Zone A)		
*Pierce Brook-Five Mile Road	37	345
*Pierce Brook-Pierce Brook NY	48	345
*Homer City-Homer City NY	48	345
Erie East-South Ripley*	69	230
*Warren-Falconer	171	115
PJM East (Zone P) – Hudson Valley (Zone G)		
Hopatcong-Ramapo*	5018	500
*Waldwick-S. Mahwah	J3410	345
*Waldwick-S. Mahwah	K3411	345
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 the circuit

WESTERN EXPORT		
Ontario South (Zone O) – West (Zone A)		
Name	Line ID	Voltage (kV)
Beck-Niagara*	PA301	345
Beck-Niagara*	PA302	345
Beck-Niagara*	PA27	230
*Beck-Packard	BP76	230
PJM West – West (Zone A)		
*Pierce Brook-Five Mile Road	37	345
Erie East-South Ripley*	69	230
*Warren-Falconer	171	115
West (Zone A) – Genesee (Zone B)		
*Somerset-Rochester (Station 80)	SR1-39	345
Niagara-Rochester (Station 80)*	NR2	345
*Lockport-N. Akron	108	115
*Lockport-Oakfield	112	115
*Lockport-Sweden 1	111	115
*Lockport-Shelby	113	115
*Lockport-Telegraph	107	115
*Lockport-Telegraph	114	115
West (Zone A) – Central (Zone C)		
*Stolle Road-High Sheldon	67	230
*Andover-Palmiter	157-932	115

* indicates the metered end of the circuit

OSWEGO EXPORT	
Oswego Complex Generation Export Limit	
Name	Gen ID
Sithe Unit G1	Stihe-G1
Sithe Unit G2	Sithe-G2
Sithe Unit G3	Sithe-G3
Sithe Unit G4	Sithe-G4
Sithe Unit G5	Sithe-G5
Sithe Unit G6	Sithe-G6
Fitzpatrick Generator	Fitz
Nine Mile Point 1 Generator	9 mile #1
Nine Mile Point 2 Generator	9 mile #2
Oswego 5 Generator	Oswego 5
Oswego 6 Generator	Oswego 6

Appendix F – ANNOTATED TARA OUTPUT

This Section Is Available Electronically If Requested

Appendix G – COMPARISON OF TRANSFER LIMITS SUMMER 2020 VS. 2019

Comparison of Summer 2020 to Summer 2019 Thermal Limits

Interface		SUMMER 2020		SUMMER 2019		Delta
		Limit (MW)	Contingency	Limit (MW)	Contingency	
Dysinger East	Normal	675	1	750	1	-75
	Emergency	1600	3	1600	2	0
UPNY - ConEd	Normal	6200	4	5175	4	1025
	Emergency	6925	5	5900	5	1025
UPNY - SENY	Normal	4650	4			
	Emergency	5300	5			
Sprain Brook Dunwoodie- South	Normal	4200	6	4200	6	0
	Emergency	4200	7	4225	7	-25
Con Ed - LIPA	Normal	900	8	900	8	0
	Emergency	1500	9	1500	9	0
Central East	MSC-7040 FLOW	1600 MW		1600 MW		
	Normal	2525	10	2800	10	-275
	Emergency	2750	11	3050	11	-300
	MSC-7040 FLOW	1310 MW		1310 MW		
	Normal	2525	10	2800	10	-275
	Emergency	2750	11	3050	11	-300
	MSC-7040 FLOW	800 MW		800 MW		
	Normal	2500	10	2800	10	-300
	Emergency	2725	11	3050	11	-325
Total East ¹	MSC-7040 FLOW	1600 MW		1600 MW		
	Normal	3850	12	4050	12	-200
	Emergency	4100	13	4300	13	-200
	MSC-7040 FLOW	1310 MW		1310 MW		
	Normal	3850	12	4050	12	-200
	Emergency	4075	13	4300	13	-225
	MSC-7040 FLOW	800 MW		800 MW		
	Normal	3825	12	4050	12	-225
	Emergency	4050	13	4300	13	-250
Moses - South	MSC-7040 FLOW	1600 MW		1600 MW		
	Normal	2275	18	2550	14	-275
	Emergency	2475	15	2650	15	-175
	MSC-7040 FLOW	1310 MW		1310 MW		

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

Normal	2050	18	2550	16	-500
Emergency	2500	15	2700	15	-200
MSC-7040 FLOW	800 MW		800 MW		
Normal	1575	19	2200	16	-625
Emergency	1800	20	2225	17	-425

NYISO SUMMER 2020 CROSS-STATE THERMAL LIMIT CONTINGENCY LIST

	Limiting Element				Contingency
(1)	Niagara – Packard (61) 230 kV	STE	846 MW	L/O	Niagara – Packard (62) 230 kV Beck – Packard (BP76) 230 kV
(2)	Packard – Sawyer (77) 230 kV	@STE	746 MW	L/O	Packard – Sawyer (78) 230 kV
(3)	Walck Rd - Huntley (133) 115 kV	@STE	206 MW	L/O	Packard – Huntley (130) 115 kV
(4)	Leeds – Pleasant Valley (92) 345 kV	LTE	1538 MW	L/O	Athens – Pleasant Valley (91) 345 kV
(5)	Leeds – Pleasant Valley (92) 345 kV	STE	1724 MW	L/O	Athens – Pleasant Valley (91) 345 kV
(6)	Mott Haven – Rainey (Q11) 345 kV	MTE	1066 MW	L/O	(SB:RAIN345_7W) Mott Haven – Rainey (Q12) 345 kV Rainey 345/138 kV Transformer 7W Rainey – East 75 St. 138 kV East 75 St. – West 110 St. 138 kV
(7)	Dunwoodie – Mott Haven (71) 345 kV	NORM	707 MW		Pre-Contingency Loading
(8)	Dunwoodie – Shore Rd. (Y50) 345 kV	LTE	914 MW	L/O	Sprain Brook – E.G.C. (Y49) 345 kV Sprain Brook – Academy (M29) 345 kV
(9)	Dunwoodie – Shore Rd. (Y50) 345 kV	NORM	653 MW		Pre-Contingency Loading
(10)	Leeds – New Scotland (93) 345 kV	@LTE	1538 MW	L/O	Leeds – New Scotland (94) 345 kV
(11)	Fraser – Coopers Corners (33) 345 kV	@STE	1793 MW	L/O	Marcy – Fraser Annex (UCC2-41) 345 kV (Series Capacitor)
(12)	Rock Tavern – Dolson Ave (DART44) 345 kV	@LTE	1852 MW	L/O	Rock Tavern–Middletown TAP (CCRT34) 345 kV Coopers Corners–Middletown TAP (CCRT34) 345 kV Middletown 345/138 kV Transformer Coopers Corners 345/115 kV Transformer
(13)	Coopers Corners – Middletown TAP (CCRT34) 345 kV	@STE	1793 MW	L/O	Rock Tavern – Dolson Ave (DART44) 345 kV
(14)	Marcy – Edic (UE1-7) 345 kV	LTE	1650 MW	L/O	Marcy – Fraser Annex (UCC2-41) 345 kV (Series Capacitor) Chases Lake – Porter (11) 230 kV
(15)	Marcy 765/345 kV T2 Transformer	STE	1971 MW	L/O	Marcy 765/345 kV T1 Transformer

(16)	Moses – Adirondack (MA2) 230 kV	LTE	386 MW	L/O	Chateauguay–Massena (MSC-7040) 765 kV Massena – Marcy (MSU1) 765 kV and TransÉnergie delivery
(17)	Flat Rock - Browns Falls 115 kV	@STE	135 MW	L/O	Chateauguay–Massena (MSC-7040) 765 kV Massena – Marcy (MSU1) 765 kV and TransÉnergie delivery
(18)	Moses – Adirondack (MA1) 230 kV	@LTE	386 MW	L/O	Chateauguay–Massena (MSC-7040) 765 kV Massena – Marcy (MSU1) 765 kV and TransÉnergie delivery
(19)	Moses – Adirondack (MA1) 230 kV	@LTE	386 MW	L/O	Moses 230/115 (AT4) kV Transformer Moses Gen 17-20 13.8 kV Moses 230 kV Bus tie
(20)	Moses – Adirondack (MA1) 230 kV	@STE	440 MW	L/O	Moses 230 kV Bus tie

Appendix H – DISTRIBUTION FACTORS

Table-1 DISTRIBUTION FACTORS FOR DYSINGER EAST CIRCUITS										
Monitored Element				Base Flow	TRANSFER	NIAGAR-ROCH	SOMMERSET-ROCH	STOLLE-HIGHSHELDON	LOCKPT-SHEL	LOCKPT-SOUR
NIAG 345	345 ROCH 345	345 1		40.781	35.50%	TRIP	48.56%	37.40%	36.03%	36.09%
SOMERSET345	345 ROCH 345	345 1		199.668	24.22%	39.97%	TRIP	25.51%	24.57%	24.61%
STOLE230	230 SHLDN230	230 1		33.653	10.11%	12.47%	11.44%	TRIP	10.25%	10.27%
PALMT115	115 ANDOVER1	115 1		-8.337	1.35%	0.00%	0.00%	0.00%	0.00%	0.00%
LOCKPORT	115 SHEL-113	115 1		21.872	2.62%	4.13%	3.47%	2.94%	TRIP	3.02%
LOCKPORT	115 NAKR-108	115 1		27.63	0.94%	1.48%	1.25%	1.06%	1.03%	1.04%
LOCKPORT	115 OAKFLDTP	115 1		28.014	1.10%	1.73%	1.46%	1.23%	1.21%	1.22%
LOCKPORT	115 SOUR-111	115 1		16.907	2.66%	4.18%	3.52%	2.98%	3.02%	TRIP
LOCKPORT	115 TELRD107	115 1		44.409	1.27%	2.00%	1.69%	1.43%	1.44%	1.44%
LOCKPORT	115 TELRD114	115 1		27.646	2.61%	4.11%	3.46%	2.93%	3.10%	2.91%
SUB-TOTALS					82.39%	70.07%	74.84%	75.48%	80.65%	80.60%
L33P-L34P				0	0.00%	12.45%	8.79%	8.25%	4.30%	4.37%
PJM-NYISO				611.73	17.60%	17.49%	16.36%	16.27%	15.05%	15.03%
TOTALS					99.99%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-2 DISTRIBUTION FACTORS FOR WEST CENTRAL CIRCUITS

Monitored Element				Base Flow	TRANSFER	CLAY-PANNELL	PANNEL-CLAY	STOLLE-SHLDN	PANNEL-FARM	S121-SLEGH
CLAY	345	PANNELL3	345 1	-459.15	29.74%	TRIP	O/S	30.68%	30.36%	30.27%
CLAY	345	PANNELL3	345 2	-460.622	29.83%	46.77%	TRIP	30.78%	30.46%	30.37%
STOLE230	230	SHLDN230	230 1	33.653	10.11%	10.95%	14.63%	TRIP	10.34%	10.18%
FRMGTN-4	115	PANNELLI	115 1	105.033	3.04%	4.87%	12.12%	3.79%	TRIP	3.47%
LAWLER-1	115	MORTIMER	115 1	28.053	2.48%	3.27%	6.47%	2.60%	2.91%	2.60%
MACDN115	115	QUAKER	115 1	34.663	0.32%	0.49%	1.07%	0.36%	0.42%	0.83%
MORTIMER	115	LAWLER-2	115 1	6.138	2.55%	3.57%	6.87%	2.70%	2.73%	2.68%
SLEIG115	115	S121 B#2	115 1	39.588	2.68%	3.88%	8.66%	2.84%	3.01%	TRIP
PALMT115	115	ANDOVER1	115 1	-8.337	1.35%	1.40%	1.69%	2.40%	1.41%	1.36%
S.PER115	115	STA 162	115 1	22.762	0.29%	0.88%	3.12%	1.79%	0.43%	0.34%
SUB-TOTALS					82.40%	76.09%	54.65%	77.94%	82.07%	82.10%
L33P-L34P				0	0.00%	10.98%	17.79%	5.79%	2.95%	2.91%
PJM-NYISO				611.73	17.60%	12.94%	27.56%	16.27%	14.98%	14.99%
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-3 DISTRIBUTION FACTORS FOR TOTAL EAST CIRCUITS										
Monitored Element			Base Flow	TRANSFER	EDIC34-NSCOT	FRASER-GILBA	MARCY3-NSCOT	WALDWK-SMAWA	PORTER-RTRDM	
COOPC345	345 DOLSON_AVE	345 2	425.742	19.08%	20.38%	22.13%	20.52%	19.08%	19.27%	
EDIC	345 N.SCOT77	345 1	521.441	16.51%	TRIP	19.82%	21.87%	16.51%	17.08%	
FRASR345	345 GILB 345	345 1	20.125	17.07%	21.05%	TRIP	21.36%	17.07%	17.51%	
N.SCOT99	345 MARCY T1	345 1	579.597	17.48%	22.77%	21.00%	TRIP	17.48%	18.07%	
ROCK TAV	345 MDTN TAP	345 1	434.788	17.00%	18.22%	19.84%	18.35%	17.00%	17.18%	
SMAHWAH1	345 WALDWICK	345 1	-52.544	-0.14%	-0.01%	0.00%	0.00%	0.00%	0.00%	
SMAHWAH2	345 WALDWICK	345 1	-165.847	0.14%	0.00%	-0.01%	-0.01%	TRIP	0.00%	
PORTER 2	230 ROTRDM.2	230 1	219.658	4.15%	5.06%	4.72%	5.09%	4.15%	TRIP	
PORTER 2	230 ROTRDM.2	230 2	220.825	4.18%	5.04%	4.74%	5.12%	4.18%	5.50%	
MDTN TAP	345 SHOEMTAP	138 1	253.908	2.91%	3.02%	3.20%	3.03%	2.91%	2.93%	
SMAHWAH1	345 SMAH138	138 1	-163.729	0.41%	0.00%	0.00%	0.00%	0.00%	0.00%	
CORPORATE DR	138 HCOR138	138 1	-77.777	-0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	
RAMP138	138 SMAH138	138 1	-90.372	-0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	
E.SPR115	115 INGHAM-E	115 1	-21.375	1.03%	1.02%	-0.01%	-0.01%	-0.01%	-0.01%	
INGMS-CD	115 INGHAM-E	115 1	119.928	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	
NE_PV20_NY	115 PLAT T#3	115 1	104.3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
W.WDB115	115 W.WDBR69	69.0 1	19.741	0.60%	0.01%	0.01%	0.01%	0.60%	0.62%	
BLUHILL	69.0 MONTVALE	69.0 1	5.212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
BLUHILL	69.0 MONTVALE	69.0 2	5.212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
HILB69	69.0 SMAH69	69.0 1	-37.168	-0.31%	-0.33%	-0.34%	-0.33%	-0.31%	-0.31%	
L491T	69.0 MONTVALE	69.0 1	-36.974	0.03%	0.04%	0.04%	0.04%	0.03%	0.03%	
SPARKILL	69.0 CRESSKIL	69.0 1	-8.102	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	
WNYA69	69.0 HCOR69	69.0 1	-1.822	0.11%	0.11%	0.12%	0.11%	0.11%	0.11%	
PEARL34	34.5 HCOR34	34.5 1	0.196	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	
SUB-TOTALS					100.00%	96.42%	95.28%	95.17%	98.82%	98.00%
RAMAPO 5	500 HOPATCONG	500 1	360.108	0.00%	2.25%	2.63%	2.87%	1.05%	1.82%	
NEPTCONV	345 NWBRG	345 1	661.099	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
COGNTECH	345 G22_VFT345KV	345 1	314.248	0.00%	0.32%	0.82%	0.32%	0.50%	-0.18%	
B3402 PAR1	345 MARION	345 1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
C3403 PAR2	345 MARION	345 1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
GOETHALS	230 LINDEN	230 1	89.109	0.00%	1.01%	1.27%	1.64%	-0.37%	0.36%	
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-4 DISTRIBUTION FACTORS FOR UPNY-CONED CIRCUITS

Monitored Element				Base Flow	TRANSFER	LADNTW-BUCHS	RAMAPO-BUCHN	PLVLLY-FISHK	PLVLLY-MILLW	ROSETN-FISHK
BUCHANAN S	345	LADENTWN	345 1	959.367	17.73%	TRIP	27.05%	17.42%	20.88%	22.94%
BUCHANAN N	345	RAMAPO	345 1	399.681	15.83%	23.76%	TRIP	15.80%	16.55%	18.75%
E FISHKILL	345	PLTVLLEY	345 1	245.109	7.83%	6.45%	7.68%	TRIP	11.53%	13.61%
E FISHKILL	345	PLTVLLEY	345 2	245.109	7.83%	6.45%	7.68%	12.98%	11.53%	13.61%
MILLWOOD	345	PLTVLLEY	345 1	664.831	15.58%	18.23%	16.30%	16.27%	TRIP	13.82%
PLTVLLEY	345	WOOD B	345 1	695.445	15.40%	17.96%	16.11%	16.18%	20.66%	13.70%
ROSETON	345	E FISHKILL	345 1	1416.46	17.63%	22.78%	21.03%	18.90%	15.55%	TRIP
E FISH I	115	E FISHKILL	345 1	-90.688	1.35%	1.39%	1.40%	1.54%	1.32%	2.08%
E FISH I	115	E FISHKILL	345 2	0	0.00%	o/s	o/s	o/s	o/s	o/s
FISHKILL	115	SYLVN115	115 1	111.746	0.83%	0.93%	0.88%	0.82%	0.96%	0.84%
SUB_TOTALS					100.00%	97.95%	98.14%	99.91%	98.98%	99.34%
B3402 PAR1	345	MARION	345 1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
C3403 PAR2	345	MARION	345 1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GOETHALS	230	LINDEN	230 1	89.109	0.00%	1.39%	1.13%	0.00%	0.18%	0.48%
COGNTECH	345	G22_VFT345KV	345 1	314.248	0.00%	0.41%	0.33%	0.08%	0.05%	0.18%
NRTHPT P	138	NRTHPT1	138 1	100.009	0.00%	0.25%	0.41%	0.00%	0.80%	0.00%
TOTALS					100.00%	100.00%	100.00%	99.99%	100.01%	100.00%

Table-5 DISTRIBUTION FACTORS FOR SPRAINBROOK DUNWOODIE SOUTH CIRCUITS								
Monitored Element				Base Flow	TRANSFER	DUNWDE-RAINY	SPRAIN-TRMNT	SPRAIN-W49TH
REAC71	345	MOTT HAVEN	345 3	600.123	25.60%	TRIP	25.60%	30.72%
REAC72	345	MOTT HAVEN	345 4	598.907	25.56%	31.87%	25.56%	30.67%
SPRAINBROOK	345	TREMONT	345 1	400.771	0.00%	0.80%	TRIP	0.82%
SPRAINBROOK	345	ACADEMY	345 1	300.847	0.00%	0.71%	0.00%	0.73%
W 49 ST	345	REACM51	345 1	607.372	24.42%	29.68%	24.42%	TRIP
W 49 ST	345	REACM52	345 2	601.219	24.42%	29.68%	24.42%	30.17%
DUN NO1R	138	S CREEK W	138 1	114.842	0.00%	0.46%	0.00%	0.46%
DUN NO2R	138	S CREEK E	138 1	114.926	0.00%	0.51%	0.00%	0.41%
DUN SO1R	138	E179 ST W	138 1	179.824	0.00%	0.64%	0.00%	0.58%
JAMAICA	138	V STRM P	138 1	199.749	0.00%	1.34%	0.00%	1.29%
JAMAICA	138	L SUCSPH	138 1	99.931	0.00%	1.38%	0.00%	1.29%
SUB-TOTALS					100.00%	97.07%	100.00%	97.13%
B3402 PAR1	345	MARION	345 1	0	0.00%	0.00%	0.00%	0.00%
C3403 PAR2	345	MARION	345 1	0	0.00%	0.00%	0.00%	0.00%
GOETHALS	230	LINDEN	230 1	89.109	0.00%	2.27%	0.00%	2.23%
COGNTECH	345	G22_VFT345KV	345 1	314.248	0.00%	0.66%	0.00%	0.65%
TOTALS					100.00%	100.00%	100.00%	100.00%

Table-6 DISTRIBUTION FACTORS FOR MOSES SOUTH CIRCUITS								
Monitored Element				Base Flow	TRANSFER	MASSEN-MARCY	MOSES-ADRONB1	MOSES-ADRONB2
MARCY765	765 MASS	765 1	765 1	1394.97	74.23%	TRIP	78.46%	78.46%
ADRON B1	230 MOSES W	230 1	230 1	135.602	9.48%	23.89%	TRIP	12.94%
ADRON B2	230 MOSES W	230 1	230 1	135.643	9.48%	23.89%	12.94%	TRIP
ALCOA-NM	115 BRADY	115 1	115 1	15.33	1.11%	2.78%	1.18%	1.18%
ALLENS F	115 COLTON	115 1	115 1	34.436	1.53%	2.88%	1.59%	1.59%
ANDRWS-4	115 DENNISON	115 1	115 1	19.623	2.09%	5.21%	2.22%	2.22%
DENNISON	115 LWRNCE-B	115 1	115 1	17.723	2.09%	5.22%	2.22%	2.22%
SUB_TOTALS					100.00%	63.87%	98.61%	98.61%
MOSES E	230 ST_LAWR_L33P	230 1	230 1	0	0.00%	0.00%	0.00%	0.00%
MOSES E	230 ST_LAWR_L34P	230 1	230 1	0.176	0.00%	26.08%	0.98%	0.98%
MOSES W	230 WILLIS E	230 1	230 1	-75.374	0.77%	6.49%	1.01%	1.01%
MOSES W	230 WILLIS W	230 1	230 1	-74.945	0.76%	6.45%	0.99%	0.99%
TOTALS					101.53%	102.88%	101.58%	101.58%

Table-7 DISTRIBUTION FACTORS FOR NEISO NYISO CIRCUITS								
Monitored Element				Base Flow	TRANSFER	ALPS34-MANY	CV.345-LNGMT	Eastover-Bearswamp
NE_393_NY	345 ALPS345	345 1	345 1	-29.766	31.90%	TRIP	52.55%	35.03%
NE_398_NY	345 CKTVLLEY	345 1	345 1	-15.089	56.15%	71.53%	TRIP	57.57%
NE_E205W_NY	230 EASTOVER RD	230 1	230 1	25.778	8.21%	13.57%	12.82%	TRIP
NE_K7_NY	115 WHITEHAL	115 1	115 1	24.957	0.00%	2.73%	2.38%	0.71%
NE_K6_NY	115 HOOSICK	115 1	115 1	16.631	2.73%	5.24%	4.29%	4.30%
NE_PV20_NY	115 PLAT T#3	115 1	115 1	-104.3	0.00%	2.31%	2.82%	0.30%
NE_690_NY	69.0 SMITHFLD	69.0 1	69.0 1	1.763	1.01%	1.34%	2.59%	1.08%
NE_601_NY	138 NRTHPT P	138 1	138 1	33.519	0.00%	1.10%	7.55%	0.15%
NE_602_NY	138 NRTHPT P	138 2	138 2	33.414	0.00%	1.10%	7.53%	0.15%
NE_603_NY	138 NRTHPT P	138 3	138 3	33.191	0.00%	1.09%	7.48%	0.71%
SHM DC	138 SHOREHAM2	138 1	138 1	329.502	0.00%	0.00%	0.00%	0.00%
TOTALS					100.00%	100.00%	100.00%	100.00%

Table-8 DISTRIBUTION FACTORS FOR ONTARIO NYISO CIRCUITS

Monitored Element		Base Flow	TRANSFER	BECKA-PA301	BECKB-NIAGAR	PA27-NIAGAR	BP76-PACKD2
NIAG 345	345 BECK_#2_H301 345 1	-40.827	33.41%	TRIP	56.38%	37.68%	36.43%
NIAG 345	345 BECK_#2_H302 345 1	-40.829	33.41%	53.29%	TRIP	37.68%	36.43%
NIAGAR2W	230 BECK_#2_PA27 230 1	-0.305	17.32%	24.73%	20.62%	TRIP	22.05%
PACKARD2	230 BECK_#2_BP76 230 1	78.525	15.86%	21.97%	16.84%	20.27%	TRIP
MOSES E	230 ST_LAWR_L33P 230 1	0	0.00%	0.00%	1.11%	0.00%	0.00%
MOSES E	230 ST_LAWR_L34P 230 1	-0.176	0.00%	0.00%	1.49%	1.29%	1.35%
SUB-TOTALS			100.00%	100.00%	96.44%	96.92%	96.26%
1 ON-MICH		-0.63	0.00%	0.00%	3.35%	3.08%	3.74%
TOTALS			100.00%	100.00%	99.79%	100.00%	100.00%

Table-9 DISTRIBUTION FACTORS FOR PJM-NYISO CIRCUITS

Table-9 DISTRIBUTION FACTORS FOR PJM-NYISO CIRCUITS										
Monitored Element				Base Flow	TRANSFER	WALDWK-SMAWA	PIERCE-5MILE	MAIN-WATER	E. TOWD-HILLS	ERIE-SRIPLEY
RAMAPO 5	500	HOPATCONG	500 1	360.109	0.00%	0.00%	1.31%	3.41%	1.68%	1.23%
COGNTECH	345	G22_VFT345KV	345 1	314.248	0.00%	0.00%	0.17%	0.44%	0.18%	0.16%
B3402 PAR1	345	MARION	345 1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
C3403 PAR2	345	MARION	345 1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GOETHALS	230	LINDEN	230 1	89.109	0.00%	0.00%	0.57%	1.51%	0.61%	0.54%
NEPTCONV	345	NWBRG	345 1	661.099	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SMAHWAH1	345	WALDWICK	345 1	-51.531	-0.06%	0.00%	-0.86%	-2.41%	-1.02%	-0.82%
SMAHWAH2	345	WALDWICK	345 1	-164.858	0.06%	TRIP	-0.94%	-2.40%	1.02%	-0.09%
5MILE345	345	26PIERCEBRK	345 1	152.035	19.55%	17.24%	TRIP	15.61%	21.70%	28.74%
NY_HOMER_STO	345	26HOMER CY	345 Z1	133.401	7.43%	14.73%	16.55%	21.79%	16.11%	15.59%
NY_PIERCEBRK	345	26PIERCEBRK	345 Z1	-132.662	-7.43%	-14.73%	-16.55%	-21.79%	-16.11%	-15.59%
WATRC345	345	26MAINESBURG	345 1	10.331	31.59%	31.57%	35.56%	TRIP	36.36%	36.06%
NY_HOMER_WAT	345	26HOMER CY	345 Z1	58.541	14.75%	14.73%	16.55%	21.79%	16.11%	15.59%
NY_MAINESBUR	345	26MAINESBURG	345 Z1	-58.329	-14.75%	-14.73%	-16.55%	-21.79%	-16.11%	-15.59%
HILSD230	230	26E.TWANDA	230 1	-87.786	18.23%	18.26%	19.32%	25.79%	TRIP	19.22%
S RIPLEY	230	26ERIE E	230 1	-162.788	17.99%	17.99%	23.25%	19.93%	18.66%	TRIP
SMAHWAH1	345	SMAH138	138 1	-163.717	0.18%	1.81%	0.11%	19.93%	0.10%	0.12%
FALCONER	115	26WARREN	115 1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
N.WAV115	115	26E.SAYRE	115 1	-25.293	6.53%	6.54%	6.96%	8.56%	11.09%	6.85%
WESTOVER115	115	26LAUREL L	115 1	-86.586	6.12%	6.13%	6.30%	7.13%	7.76%	6.28%
CORPORATE DR	138	HCOR138	138 1	-77.741	-0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
RAMP138	138	SMAH138	138 1	-90.35	-0.11%	0.00%	0.06%	0.00%	0.05%	0.06%
BLUHILL	69.0	MONTVALE	69.0 1	5.212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
BLUHILL	69.0	MONTVALE	69.0 2	5.212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HILB69	69.0	SMAH69	69.0 1	-37.274	-0.14%	-0.14%	-0.14%	-0.14%	-0.14%	-0.14%
L491T	69.0	MONTVALE	69.0 1	-36.974	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%
SPARKILL	69.0	CRESSKIL	69.0 1	-8.095	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
WNYA69	69.0	HCOR69	69.0 1	-1.795	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%
PEARL34	34.5	HCOR34	34.5 1	0.176	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SUB-TOTALS					100.00%	99.46%	91.75%	97.42%	98.12%	98.30%
1 MICH-ON				0.63	0.00%	0.54%	8.25%	2.58%	1.88%	1.70%
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%