

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		38	0	83	0	-1310	-330	-375	-315	-319	-100	120	-2508
PJM	-38		0	0	0	0	0	375	315	319	0	-3183	-2212
IESO	0	0		0	0	-1250	0	0	0	0	0	0	-1250
ISONE	-83	0	0		-800	-1725	330	0	0	0	100	0	-2178
NB/NS	0	0	0	800		-786	0	0	0	0	0	0	14
Trans Énergie	1310	0	1250	1725	786		0	0	0	0	0	45	5116

APPENDIX A SUMMARY OF SUMMER 2022 BASE TRANSFERS	
NEW BRUNSWICK/NOVA SCOTIA	
New Brunswick to TransÉnergie: Madawaska and Eel River HVdc	-786
New Brunswick to New England	800
Total Export (+) / Import (-)	14

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	-83
New England to NY: Norwalk Harbor-Northport	100
New England to NY: Cross-Sound	330
Total Export (+) / Import (-)	-2178

NEW YORK ISO	
New York to TransÉnergie	-1310
New York to New England	83
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	75
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	-375
New York to PJM: HTP	-319
New York to MISO: NYPA to AMP- Ohio	120
New York to IESO (Ontario)	0
Total Export (+) / Import (-)	-2508

APPENDIX A SUMMARY OF SUMMER 2022 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	-75
PJM to New York: Sithe Allegheny	37
PJM to New York: Non Firm Energy	0
PJM to New York: Neptune HVdc	375
PJM to New York: Linden VFT	315
PJM to New York: HTP	319
Miscellaneous Transfers to Other Areas	-3183
Total Export (+) / Import (-)	-2212

TRANSÉNERGIE	
TransÉnergie to New Brunswick: Madawaska and Eel River HVdc	786
TransÉnergie to New England: Sandy Pond HVdc	1500
TransÉnergie to New England: Vermont	225
TransÉnergie to New York	1310
TransÉnergie to IESO (Ontario)	1250
TransÉnergie to Cornwall	45
Total Export (+) / Import (-)	5116

Appendix B – SUMMER 2022 BASE CASE CONDITIONS

Summer 2022 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

Chateauguay HVdc	836 MW	In Service
Sandy Pond HVdc	1500 MW	In Service
Highgate HVdc	223 MW	In Service
Madawaska HVdc	300 MW	In Service
Eel River HVdc	299 MW	In Service

AREA LOADS & LOSSES

NYISO	31,765 MW
ISO-NE	25,082 MW
IESO (Ontario)	22,227 MW
PJM	55,844 MW

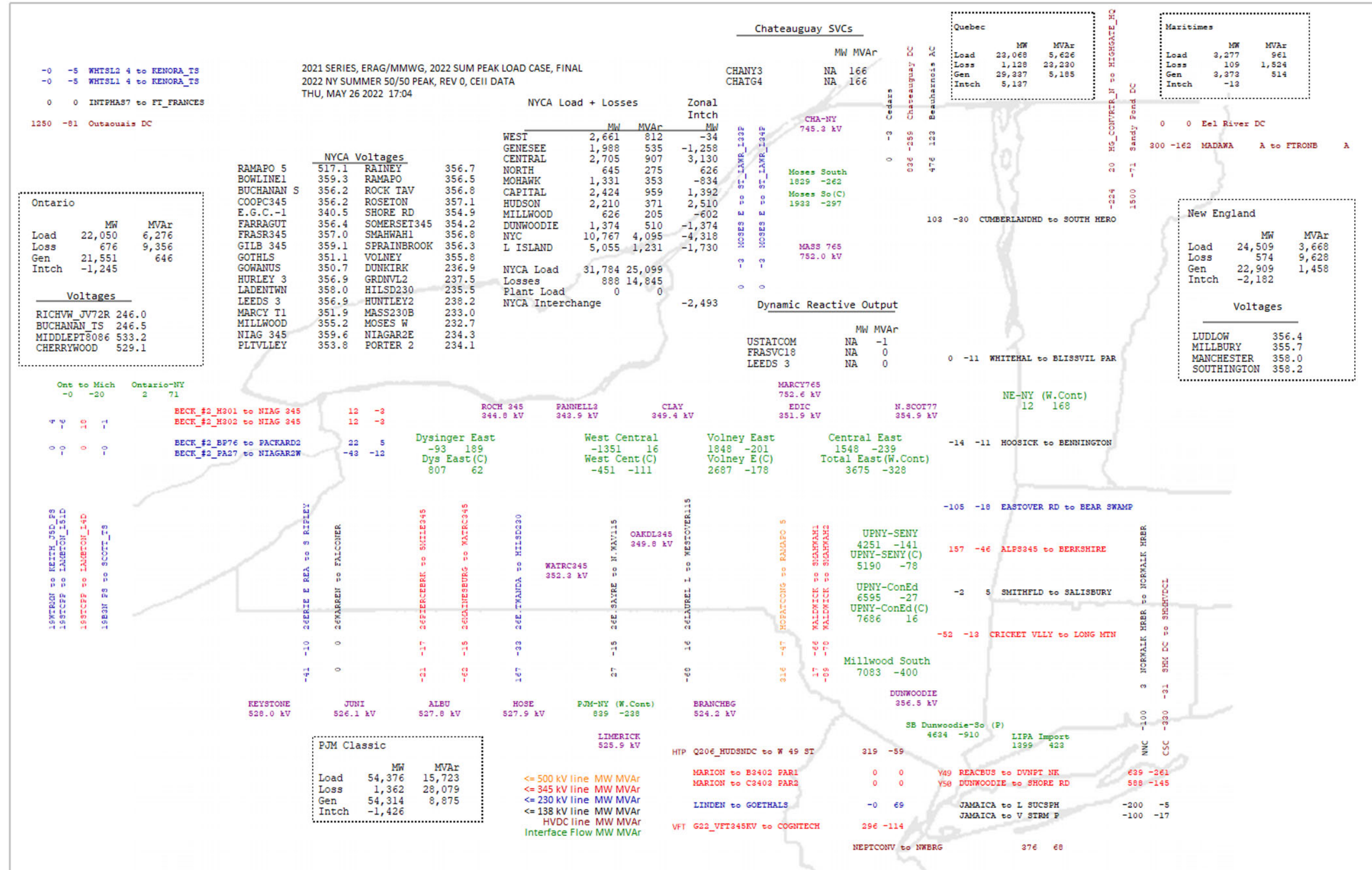
PHASE ANGLE REGULATOR SCHEDULES

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	Out-of-Service
Marion-Farragut (C3403)	0 MW	Out-of-Service
Linden-Goethals	0 MW	
Waldwick-Hinchmans	0 MW	
Waldwick-Fairlawn	0 MW	
Waldwick-Hillsdale	0 MW	
Ramapo PAR #1 (+ to NY)	158 MW	
Ramapo PAR #2 (+ to NY)	158 MW	

East Garden City #1	317 MW
East Garden City #2	317 MW

Appendix C – POWER FLOW TRANSCRIPTION DIAGRAM

SYSTEM OVERVIEW



Appendix D – RATINGS OF MAJOR TRANSMISSION FACILITIES IN NEW YORK

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
ACADEMY_138A_138B_PAR1	PAR1	138	251	312	372	325751	150
ACADEMY_138A_138B_PAR8	PAR8	138	251	312	372	325750	150
ACADEMY_345_138_TR1	TR1	345	252	316	364	325753	150
ACADEMY_345_138_TR8	TR8	345	252	316	364	325752	150
ADIRNDCK_230_115_BK 1	BK1	115	115	144	172	26697	79
ADIRNDCK-CHASLAKE_230_13	13	230	440	478	560	325233	99
ADIRNDCK-PORTER__230_12	12	230	440	478	560	25082	132
AIRPRDCT-ALBANY__115_8	8-NA	115	278	321	368	327375	50
AKRONVIL-N.AKRON_115_107	107	115	182	197	248	326868	17
ALBANY_-GREENBSH_115_1	1	115	237	293	354	25860	144
ALBANY_-GREENBSH_115_2	2	115	237	293	354	25868	144
ALBANY_-TRINITY_115_5	5	115	198	244	280	25861	144
ALBANY_-TRINITY_115_9	9	115	147	178	258	25872	96
ALCOA_-BRADY__115_13	13	115	128	147	159	25230	16
ALCOA_-DENNISON_115_12	12-AD	115	254	276	345	25227	36
ALCOA_PA-ALCOA__115_R8105	R8105	115	206	247	310	25202	26
ALCOA_PA-GRASRIVR_115_MAL4	MAL4	115	219	255	292	326295	74
ALCOA_PA-GRASRIVR_115_MAL5	MAL5	115	207	207	207	326296	74
AMAWALK_-MOHANSIC_115_995 U.G.	995UG	115	78	78	90	26481	11
AMAWALK_-MOHANSIC_115_996 U.G.	996UG	115	97	97	97	26480	15
ANDOVER_-PALMITER_115_157-932	157_932	115	79	101	119	25094	5
ANHRBUSH-LYSANDER_115_13	13	115	182	182	182	326790	79
ANHRBUSH-LYSANDER_115_9	9	115	192	221	245	326803	10
ARCADE_-MACHIAS_115_167	151	115	129	148	160	326168	8
ASH__-TEMPLE__115_9	9	115	207	233	233	26062	6
ASHLEYRD-MASONCR_115_909	909	115	155	179	193	25847	25
ASHLEYRD-PLATSBURG_115_700	700	115	174	193	220	25845	38
ASTANNEX_138A_138B_PAR1	PAR1	138	347	416	464	325848	75
ASTANNEX_345_138_TR1	TR1	345	268	335	393	325847	75
ASTANNEX-ASTORIAE_138_34091	34091	138	236	272	304	325849	75
ASTANNEX-E13THSTA_345_Q35L	Q35L	345	320	565	1476	25134	203
ASTANNEX-E13THSTA_345_Q35M	Q35M	345	320	565	1476	25142	195
ASTENRG2-ASTANNEX_345_G13	G13	345	850	950	1050	325744	49
ASTORIAE-ASTORIA3_138_34123	34123	138	271	311	400	25876	114
ASTORIAE-CORONA__138_34181	34181	138	174	235	368	25277	118
ASTORIAE-CORONA__138_34182	34182	138	174	235	368	25278	114

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
ASTORIAE-CORONA__138_34183	34183	138	174	235	368	25279	118
ASTORIAE-CORONA__138_34184	34184	138	174	235	368	25280	110
ASTORIAE-CORONA__138_34185	34185	138	174	235	368	25281	105
ASTORIAE-CORONA__138_34186	34186	138	174	235	368	25282	107
ASTORIAW-QUENBRDG_138_28241	28241	138	174	235	368	25315	73
ASTORIAW-QUENBRDG_138_28242	28242	138	174	235	368	25316	74
ASTORIAW-QUENBRDG_138_28243	28243	138	348	469	688	25317	136
ASTORIAW-QUENBRDG_138_28244	28244	138	363	525	688	25318	157
ATHENS_-PLSNTVLY_345_91	91	345	1331	1538	1724	25054	957
AYERREND-TNWD206_115_36	36	115	174	177	178	326367	51
AYERREND-TNWD206_115_37	37	115	171	171	171	326370	51
BABBITS-LIGHTHSE_115_6	6	115	116	120	145	25506	15
BABYLON_-BRGHTWTR_69_771	771	69	142	155	178	327240	16
BAGATLRD-PILGRIM_138_564	564	138	492	540	618	325607	100
BAKER_ST-FALCONER_115_160	160-3	115	176	197	239	26513	23
BALLSTON-TAPBLSTN_115_43	43	115	220	252	280	325896	40
BALLSTON-TAPBLSTN_115_44	44	115	220	252	280	325897	32
BARRETT_138_69_BK 1	BK 1	138	112	139	156	26600	97
BARRETT_138A_138B_PAR	B_PAR	138	185	272	326	25590	105
BARRETT_-FREEPORT_138_459	459	138	184	272	326	26425	105
BARTELRD-PINEGROV_115_10	10	115	271	313	359	327250	97
BARTELRD-PINEGROV_115_3	3	115	271	313	359	327235	66
BATAVIA_-EBATAVIA_115_107	107	115	159	159	159	326099	3
BATAVIA_-SEBATVIA_115_117	117	115	220	239	239	26017	8
BATH___-MONTRFL_115_965	965	115	124	139	149	26163	29
BATH___-SPENCHIL_115_723	723	115	181	209	231	325797	1
BATNKILL-BRANCOMB_115_310	310	115	186	214	237	327453	35
BEAR SWP-EASTOVER_230_E205W	E205W	230	440	505	555	25030	105
BECK___-NIAGARA_230_PA27	PA27	230	372	427	518	25025	43
BECK___-NIAGARA_345_PA301	PA301	345	1070	1322	1714	25040	12
BECK___-NIAGARA_345_PA302	PA302	345	1070	1322	1714	25041	12
BECK___-PACKARD_230_BP76	BP76	230	500	587	616	25024	22
BELMONT_-HOPKINS_115_13	13	115	221	256	287	326806	30
BELMONT_-WOODARD_115_4	4	115	156	179	195	326805	72
BENETTRD-E_DUNKRK_115_161	161-3	115	168	185	206	326231	15
BENETTRD-E_DUNKRK_115_162	161-3	115	168	185	206	326233	13
BENNETT_-MORAIN_115_725	725	115	125	152	179	325858	32
BENNETT_-SPENCHIL_115_953	953	115	181	209	231	26164	4
BENSHRST-GREENWD_138_38B13	38B13	138	196	282	458	326271	186
BERKSHIR-ALPS___345_393	393	345	1463	1697	1912	25034	157

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
BERRY_RD-W.ASHVLE_115_160	160-2	115	193	213	240	26512	8
BETHLHEM-ALBANY__115_18	18-BA	115	329	369	423	26119	79
BETHLMRD-ROCKTVRN_115_RD	RD	115	125	144	155	326346	51
BIGTREE_-DAVIS_RD_115_904	904	115	139	163	183	25162	21
BIGTREE_-GARDNVLB_115_902	902	115	187	215	232	26040	5
BIGTREE_-LANGNERD_115_903	903	115	176	196	225	326050	39
BLACKRVR-CARTHAGE_115_1	1	115	116	120	145	26067	56
BLACKRVR-EWATRTWN_115_5	5	115	116	120	145	325771	23
BLACKRVR-FORTDRUM_115_2	2-BF	115	116	120	145	26068	17
BLACKRVR-GLENPARK_115_3	3	115	128	147	159	325315	46
BLACKRVR-MIDDLERD_115_8	6	115	116	120	145	326703	15
BLISSVIL-WHITEHAL_115_K7	K7	115	187	217	229	25028	0
BLUESTOR-LAFARGE__115_8	8	115	116	120	145	326091	58
BLUESTOR-PLSTVYCH_115_13-987	13-987	115	129	158	192	25505	44
BLUESTOR-PLSTVYCH_115_8	8	115	129	158	192	25498	53
BNNINGTN-HOOSICK__115_K6	K6	115	150	217	239	25029	14
BNVLMUNI-PORTER__115_2	2	115	100	100	100	325778	23
BOONVLE-BNVLMUNI_115_2	2	115	96	96	96	26073	4
BOONVLE-MADISON__115_4	4	115	116	120	145	327445	45
BOONVLE-PORTER__115_1	1-BP	115	100	100	100	26074	22
BOONVLE-ROME____115_3	3	115	116	120	145	26071	44
BORDRCTY-GUARDIAN_115_969	969	115	176	179	179	325283	54
BOWLINE_345_138_BK455	BK455	345	506	587	671	25664	196
BOWLINE_-WHAIVSTRW_345_67-1	67-1	345	687	747	747	25567	583
BOWLINOR-CONGERS__138_561	561	138	278	318	334	26723	158
BRADY_-NOGDNBRG_115_13	13	115	193	213	240	326348	12
BRANCOMB-SCHAGCKT_115_310	310	115	186	214	237	26474	35
BREMEN_-BULYMO__115_6	6	138	1001	1002	1003	327327	47
BRENTWOD-PILGRIM_69_765	765	69	236	259	266	26536	48
BRENTWOD-PILGRIM_69_768	768	69	83	96	102	26534	49
BRIGHAM_-LUDLUM__115_161	161-2	115	168	185	206	26020	29
BRIGHAM_-LUDLUM__115_162	162-1	115	168	185	206	326228	24
BRISTLHL-CLAY____115_4	4	115	105	107	107	25518	40
BRISTLHL-WHITAKER_115_4	4	115	105	114	134	25512	56
BROOK_RD-SMITHBRD_115_2	2	115	232	241	291	325901	29
BROOK_RD-SMITHBRD_115_302	302	115	220	253	280	325902	19
BROOK_RD-TAPBROOK_115_2	2	115	232	241	291	325899	62
BROOK_RD-TAPBROOK_115_302	302	115	220	253	280	325900	37
BROOKHVN_138_69_BK 1	BK 1	138	227	282	318	26548	101
BROOKHVN_138_69_BK 2	BK 2	138	227	282	318	325152	94

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
BROOKHVN-EDWARDV_138_864	864	138	276	436	558	25553	128
BROOKHVN-SILLSRD_138_874	874	138	395	481	568	325617	132
BROOKHVN-SILLSRD_138_887	887	138	395	481	568	325619	132
BROOKHVN-WILDWOOD_138_861	861	138	436	483	589	325932	58
BROWNFLS-HIGLEY__115_1	1-BH	115	128	147	159	26078	60
BROWNFLS-TAYLORVL_115_3	3-BT	115	102	120	135	26076	62
BROWNFLS-TAYLORVL_115_4	4-BT	115	102	120	142	26077	62
BUCHAN_N_345_138_BK TA5	BK TA5	345	195	272	343	25425	89
BUCHAN_N-BUCHANAN_138_95891	95891	138	225	273	345	25568	89
BUCHAN_N-EASTVIEW_345_W93	W93	345	1722	1894	2404	25133	861
BUCHAN_S-MILLWOOD_345_W97	W97	345	1490	1664	1876	25146	572
BUCHAN_S-MILLWOOD_345_W98	W98	345	1490	1664	1876	25247	572
BUCHANAN-MILLWOOD_138_96951	96951	138	275	302	383	25283	2
BUCHANAN-MILLWOOD_138_96952	96952	138	275	302	383	25284	2
BUFAL129-MAPLE140_115_38	38	115	145	151	185	326159	46
BUFAL129-MAPLE140_115_39	39	115	145	151	185	326160	45
BUFALO54-BUFALO61_115_38	38	115	187	215	236	326155	29
BUFALO54-BUFALO61_115_39	39	115	174	181	226	326156	28
BUFALO61-URBAN154_115_38	38	115	174	181	226	326153	24
BUFALO61-URBAN154_115_39	39	115	174	181	226	326154	23
BUFALO78-HUNTLEY__115_130	130	115	168	181	206	26043	58
BUFALO78-YOUNG214_115_133	133	115	168	185	206	326290	80
BULYMO_-BOONVLE_115_6	6	115	116	120	144	325265	34
BURDECK_-ALTAMONT_115_17	17-BA	115	116	120	145	26151	50
BURDECK_-VORHVSLE_115_19	19-BV	115	116	120	145	26152	41
BURGOYNE-WHITEHAL_115_6	6	115	107	107	107	326308	22
BURNS__138_69_BK 519	BK 519	138	208	258	284	25889	75
BURNS_-N.HEMPST_138_531	531	138	236	270	285	25878	24
BURNS_-OAKSTRET_138_702	702	138	189	217	226	325812	93
BURNS_-WHAVSTOR_138_541	541	138	236	270	285	25879	101
BUTLER_-MOHICAN_115_18	18	115	116	120	145	26434	23
C_ISLIP_138_69_BK 3	BK 3	138	228	263	302	26519	101
C_ISLIP-RONKOKMA_138_883	883	138	401	539	617	26497	36
CALSPAN_-DEPEW__115_54-921	54-921	115	129	182	239	326276	8
CALSPAN_-NBRDWYNG_115_181-922	181-922	115	139	163	181	326951	62
CANAL__138_69_BK5	BK 5	138	207	249	285	327369	109
CANAL_-RIVRHEAD_138_910	910	138	207	249	285	325242	109
CANAL_-RIVRHEAD_138_911	911	138	207	249	285	327371	103
CANANDGA-STONYRDG_230_68	68	230	498	534	566	25176	5
CARMEL_-UNIONVAL_115_991	991	115	215	227	239	26155	69

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
CARMEL_-WOODSTNY_115_900	900	115	210	227	261	326880	53
CARMEL_-WOODSTNY_115_992	992	115	215	246	269	325278	52
CARR_ST_-DEWITT__115_15	15-CD	115	187	213	236	26093	5
CARR_ST_-SALCARBM_115_6	6	115	187	213	236	325216	61
CARRSCRN-SALAMANC_115_153	153	115	128	147	159	326163	25
CARRSCRN-SALAMANC_115_154	154	115	128	147	159	326165	28
CARTHAGE-N.CARTHG_115_1	1	138	1001	1002	1003	327258	3
CASTLEGD-FULLRHLW_115_937	937	115	249	287	319	325222	10
CATON_-HILLSIDE_115_960	960	115	120	120	120	325290	45
CAVANARD-PORTER__115_7	7	115	116	120	145	325214	61
CEDAR_-BURGOYNE_115_6	6	115	116	120	145	26516	39
CEDARS_-ROSEMNTA_115_1/11	1/11	115	176	203	223	26083	2
CEDARS_-ROSEMNTB_115_2/22	2/22	115	176	203	223	26082	2
CEDRHRST-HEWLETT__69_263	263	69	114	132	146	326318	3
CENTERST-MAPLEAVE_115_22	22	115	128	132	132	327076	5
CENTERST-STONER__115_9	9	115	128	147	159	327078	16
CHADWICK-E.WALDEN_115_DW	DW-3	115	176	194	221	26218	68
CHADWICK-WBALMVLE_115_DW	DW-2	115	176	194	221	26217	55
CHASLAKE-PORTER__230_11	11	230	440	505	516	25051	141
CHAT_TAP-LYON_MTN_115_1(911)	911	115	135	159	175	325704	1
CHATEAUG-CHAT_TAP_115_911	911	115	38	39	41	325705	4
CHATGUAY-MASSENA_765_7040	7040	765	3975	4839	5300	25301	1307
CHEMUNG_-NWAVERLY_115_962	962	115	150	180	196	325289	12
CHESTROR-SUGRLOAF_138_271	271	138	236	270	285	325424	55
CHRCHTWN-BLUESTOR_115_13-987	13-987	115	176	179	179	26685	57
CHRCHTWN-CRARYVIL_115_984	984	115	232	287	327	26500	26
CHURCH_S-PATRVLE_115_10	10-AR	115	116	120	131	327461	30
CHURCH_S-ROTTTRDAM_115_12	12	115	116	120	127	327080	27
CLAY___345_115_BK 1	BK 1	345	455	606	794	25387	244
CLAY___345_115_BK 2	BK 2	345	478	637	794	25421	244
CLAY___-BARTELRD_115_10	10	115	271	313	318	25520	97
CLAY___-BARTELRD_115_3	3	115	220	252	280	25519	77
CLAY___-COLAMCRS_115_5	5	115	219	252	280	25522	47
CLAY___-DEWITT__345_13	13	345	1109	1344	1529	25168	493
CLAY___-EDIC___345_1-16	CE1-16	345	1301	1501	1685	25200	241
CLAY___-EDIC___345_2-15	CE2-15	345	1301	1501	1685	25169	241
CLAY___-EUCLID__115_11	11	115	220	252	280	25516	100
CLAY___-EUCLID__115_17	17	115	220	252	280	25515	115
CLAY___-INDPDNCE_345_26	26	345	1670	1931	2210	25858	1022
CLAY___-WETZEL__115_14	14-CG	115	220	252	280	25517	91

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
CLEARWTR-ANHRBUSH_115_9	9	115	192	221	245	326798	100
CLINTON_-IMC_TAP_115_15	15-CI	115	116	120	145	26128	15
CLOSTER_-SPARKL_69_751	751	69	118	135	142	26504	3
CLRKSCRN_345_115_BK1	BK1	345	235	255	295	325724	91
CLRKSCRN_345_115_BK2	BK2	345	235	255	295	325725	91
CLRKSCRN-OAKDALE_345_36	36	345	1207	1327	1590	325726	621
CLYDE__115_34_TR1	TR1	115	125	143	154	25221	24
CLYDE_-STATE_ST_115_3-971	971	115	125	143	154	68810	44
COBBLENM-COBBLENY_115_BK 1	BK 1	115	40	41	45	25426	14
COBBLENM-SPRINGVL_115_151	151	115	129	148	160	326166	5
COBBLENM-SPRINGVL_115_152	152	115	129	148	160	326170	4
CODNIGTN-E.ITHACA_115_981	981-1	115	108	128	143	25730	18
CODNIGTN-ETNA__115_998	998	115	227	257	283	25734	45
COFFEEN_-EWATRTWN_115_5	5	115	122	122	122	325769	23
COFFEEN_-GLENPARK_115_3	3-CG	115	119	119	119	26069	49
COLAMCRS-DUGUID__115_5	5	115	220	252	280	326819	39
COLDENHM-ROCKTVRN_115_J	J	115	232	257	304	26420	7
COLDSPRG-CARRSCRN_115_905	905	115	36	40	42	26440	12
COLLIERS-RICHFELD_115_929	929	115	125	152	215	26169	2
COLTON_-FLATROCK_115_2	2-CF	115	114	123	142	26088	63
COLTON_-HIGLEY__115_1	1-HC	115	128	147	156	26087	62
COLTON_-LITTLRIV_115_7	7	115	76	87	94	26086	2
COLTON_-TOWNLINE_115_9	9	115	109	109	109	325641	24
COMSTKNM-BURGOYNE_115_13	13-MW	115	116	120	145	26484	40
CONGERS_-SNKEHLRD_138_563	563	138	317	363	383	25887	117
COOPERNY-FERNDAL_115_950	950	115	176	179	179	26171	67
COOPERNY-ROCKHILL_115_957	957	115	144	160	173	325614	49
COOPERS_345_115_BK 2	BK 2	345	220	261	300	25433	85
COOPERS_345_115_BK 3	BK 3	345	220	261	300	25434	85
COOPERS_-DOLSONAV_345_CCDA42	CCDA42	345	1793	1793	1793	25111	526
COOPERS_-MIDDLETP_345_CMT-34	CMT-34	345	1464	1793	1793	25110	803
CORNING_-MCADOO__115_4	4	115	128	147	159	326380	12
CORONA__138A_138B_BK R1	B_BK R1	138	181	253	319	25621	45
CORONA__138A_138C_BK R2	C_BK R2	138	181	253	319	25622	45
CORONA_-JAMAICA_138_18001	18001	138	143	212	357	25285	45
CORONA_-JAMAICA_138_18002	18002	138	143	212	357	25286	45
CORONA_-RAINEY__138_36187	36187	138	296	374	521	326894	0
CORPDRIV-HARNGCRN_138_703	703	138	189	222	250	25881	62
CORTLAND-LABDELFE_115_3	3	115	125	143	154	325248	21
CORTLAND-TULLERHL_115_1-716	1	115	128	147	159	25059	16

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
CORTLAND-TULLYCTR_115_18	18	115	176	211	239	26089	47
CRICKVLY-PLSNTVLY_345_F83	F83	345	1135	1313	1596	326887	492
CRICKVLY-PLSNTVLY_345_F84	F84	345	1260	1893	2091	326888	638
CROUSEHD-HOPKINS_115_13	13	115	220	252	280	326783	18
CURRY_RD-LINE8TAP_115_8	8	115	116	120	145	26254	19
CURTIS_-LYSANDER_115_13	13	115	182	182	182	326782	79
CURTPALM-EJWEST__115_9	9	115	128	147	159	326146	1
DALEROAD-GARDNVLB_115_39	39	115	168	181	206	26036	18
DANSKAMR-CHADWICK_115_DW	DW-1	115	217	250	279	26219	123
DANSKAMR-MARLBORO_115_DB	DB	115	183	215	237	26221	0
DANSKAMR-NCHELSEA_115_AC	AC	115	183	211	295	25829	132
DANSKAMR-NCHELSEA_115_DC	DC	115	178	199	295	25830	137
DANSKAMR-RYNDH_HL_115_DR	DR	115	183	248	279	25831	97
DARBY_-SCHAGCKT_115_309	309	115	186	214	237	327452	32
DAVIS_RD-STOLLERD_115_927	927	115	203	226	239	26172	55
DEBALSO_-WALESVIL_115_3	3	115	128	147	159	326704	18
DEKALB_-BATTHILL_115_4	4	115	76	87	94	326398	18
DELEMTER-LAKEVIEU_115_141	141	115	88	101	108	325873	17
DELEMTER-LAKEVIEU_115_142	142	115	88	101	108	325880	28
DELHI_-DELHI_TP_115_951	951	115	164	164	164	26174	92
DELHI_-GR.GORGE_115_916	916	115	90	90	90	26479	18
DELHI_-VINGR_TP_115_917_916	917-916	115	120	120	120	25911	31
DELHI_TP-COLLIER_115_951	951-2	115	239	239	239	26203	50
DENNISON-LAWRNCV_115_5	5	115	220	252	280	25226	18
DENNISON-NORFOLK_115_4	4	115	220	252	280	25225	19
DENNISON-ROSEMNTA_115_1/11	1-RD	115	265	265	318	25523	2
DENNISON-ROSEMNTB_115_2/22	2-RD	115	265	265	318	25524	2
DEPEW_NG-ERIE_ST_115_54-921	54-921	115	124	138	158	26010	7
DEPEW_TP-DEPEW__115_BK 1	BK 1	115	108	120	120	25428	15
DEPOSIT_-INDIANHD_69_675	675	69	100	120	130	325971	41
DEWITT__345_115_BK 2	BK 2	345	517	658	794	25418	231
DEWITT_-BUTERNUT_115_4	4	115	193	213	240	26094	44
DOLSONAV-ROCKTVRN_345_DART44	DART-44	345	1704	1852	2195	326310	1175
DUGUID_-DEWITT__115_5	5	115	193	213	240	326736	21
DULEY_-PATNODE__230_PND-1	PND-1	230	397	476	504	325856	10
DULEY_-PLATSBURG_230_DP-1	DP-1	230	249	277	318	25272	0
DUNKIRK__230_115_BK 31	BK 31	230	139	197	248	25386	45
DUNKIRK__230_115_BK 41	BK 41	230	133	190	248	25430	45
DUNKIRK_-BERRY_RD_115_160	160-1	115	193	213	239	26025	27
DUNKIRK_-BRIGHAM_115_161	161-1	115	168	181	206	26021	33

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
DUNKIRK_-BRIGHAM_115_162	162-1	115	168	181	206	26027	24
DUNKIRK_-SILVRCRK_115_141	141	115	88	101	108	26026	1
DUNKIRK_-SILVRCRK_115_142	142	115	88	101	108	26018	3
DUNWODIE_138_138_BK N1	BK N1	138	315	375	433	25624	115
DUNWODIE_138_138_BK N2	BK N2	138	194	293	400	25623	115
DUNWODIE_138_138_BK S1	BK S1	138	345	491	600	25626	180
DUNWODIE-DUNWOODN_345_W74	W74	345	411	494	554	326212	287
DUNWODIE-DUNWOODS_345_W73	W73	345	424	512	590	326211	277
DUNWODIE-E179THST_138_99153	99153	138	233	348	617	25287	180
DUNWODIE-MOTTHAVN_345_71	71	345	707	833	1298	25151	573
DUNWODIE-MOTTHAVN_345_72	72	345	707	833	1298	25191	559
DUNWODIE-SHERMCRK_138_99031	99031	138	139	187	303	25193	115
DUNWODIE-SHERMCRK_138_99032	99032	138	189	288	393	25239	115
DUNWODIE-SHORE_RD_345_Y50	Y50	345	656	916	1614	25091	588
DUNWOODN_345_138_BK N1	BK N1	345	411	494	554	25209	287
DUNWOODN-DUNWOODN_138_38W04	38B04	138	218	238	285	327195	81
DUNWOODS_345_138_BK S1	BK S1	345	424	512	590	25208	277
DUNWOODS-DUNWOODN_138_99997	99997	138	205	255	311	25532	14
DYSINGER_345A_345B_1T3521_PAR	PAR	345	700	874	874	327480	400
DYSINGER-ESTOLERD_345_DES1	DES1	345	700	874	874	327465	400
DYSINGER-KINTIGH_345_38	38	345	1649	1780	1792	25074	44
DYSINGER-KINTIGH_345_39	39	345	1301	1501	1685	327246	46
DYSINGER-STA_255_345_DH1	DH1	345	1301	1501	1685	327457	110
DYSINGER-STA_255_345_DH2	DH2	345	1301	1501	1685	327458	117
E.ITHACA-ETNA___115_981	981	115	108	128	143	25733	54
E.SAYRE_-NWAVERLY_115_956	956	115	108	128	143	25013	27
E.TWANDA-HILLSIDE_230_70	70	230	489	549	630	25014	165
E.WALDEN_115_69_TR_3	TR_3	115	52	69	81	26681	23
E.WALDEN-COLDENHM_115_CW	CW	115	232	257	304	26225	21
E.WALDEN-MODENA___115_EM	EM	115	232	257	304	25832	4
E.WALDEN-ROCKTVRN_115_D	D	115	233	265	312	26226	6
E_DUNKRK-LAONA___115_161	161	115	88	101	108	326232	1
E_DUNKRK-LAONA___115_162	162	115	88	101	108	326234	2
E13THSA_E13THSA_138_37371	37371	138	296	485	571	325707	89
E13THSTA_138_69_TR 9	BK 9	138	147	188	235	26488	0
E13THSTA_138_69_TR2	BK 2	138	153	201	222	326976	103
E13THSTA_138_69_TR4	BK 4	138	153	212	261	326977	104
E13THSTA_138_69_TR6	BK 6	138	145	187	246	326978	104
E13THSTA_138_69_TR8	BK 8	138	151	201	222	326979	105
E13THSTA_345_69_BK 17	BK 17	69	247	321	409	25459	142

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
E13THSTA_345_138_BK 10	BK 10	138	273	288	315	25467	104
E13THSTA_345_138_BK 11	BK 11	138	273	288	315	25468	111
E13THSTA_345_138_BK 12	BK 12	138	274	312	343	25463	114
E13THSTA_345_138_BK 13	BK 13	138	258	320	368	25464	109
E13THSTA_345_138_BK 14	BK 14	138	251	280	305	25465	116
E13THSTA_345_138_BK 15	BK 15	138	273	288	315	25466	118
E13THSTA_345_138_BK 16	BK 16	138	270	304	338	25469	111
E13THSTA-EASTRIVR_138_37041	37041	138	79	114	136	326190	10
E13THSTA-EASTRIVR_138_37042	37042	138	79	114	136	326191	0
E13THSTA-EASTRIVR_138_37043	37043	138	79	114	136	326192	10
E13THSTA-EASTRIVR_138_37044	37044	138	79	114	136	326193	10
E13THSTA-EASTRIVR_69_44372	44372	138	116	146	198	326195	0
E13THSTA-FARRAGUT_345_45	45	345	745	913	1339	25190	31
E13THSTA-FARRAGUT_345_46	46	345	760	927	1350	25251	38
E13THSTA-FARRAGUT_345_48	48	345	554	740	1150	25252	20
E13THSTA-FARRAGUT_345_B47	B47	345	358	645	1011	25177	50
E179THST-HELLGATE_138_15055	15055	138	210	301	384	25288	204
E179THST-HELLGT_E_138_15053	15053	138	165	229	364	25289	4
E179THST-HELLGT_E_138_15054	15054	138	165	229	364	25290	4
E179THST-PARKCHTR_138_38X01	38X01	138	169	288	501	25327	19
E179THST-PARKCHTR_138_38X02	38X02	138	169	288	501	25328	19
E179THST-PARKCHTR_138_38X03	38X03	138	169	288	501	25329	6
E179THST-PARKCHTR_138_38X04	38X04	138	169	288	501	25330	6
EASTOVER_230_115_BK1	TR 1	230	381	494	666	326097	77
EASTOVER_230_115_BK2	TR 1	230	381	494	666	326403	82
EASTRIVR_138_69_BK 111	BK 111	138	76	108	159	25526	10
EASTRIVR_138_69_BK 112	BK 112	138	76	108	159	25527	0
EASTRIVR_138_69_BK 113	BK 113	138	76	108	159	25528	10
EASTRIVR_138_69_BK 114	BK 114	138	76	108	159	25529	10
EASTVIEW_345_138_BK 1N	BK 1N	138	408	485	532	25472	175
EASTVIEW_345_138_BK 1S	BK 1S	138	389	480	538	25373	172
EASTVIEW_345_138_BK 2N	BK 2N	138	406	480	532	25471	156
EASTVIEW_345_138_BK 2S	BK 2S	138	408	485	532	25470	175
EASTVIEW-ELMSFORD_138_38W31	38W31	138	174	251	435	326786	144
EASTVIEW-ELMSFORD_138_38W32	38W32	138	173	252	402	326787	145
EASTVIEW-ELMSFORD_138_38W33	38W33	138	174	251	270	326788	142
EASTVIEW-ELMSFORD_138_38W34	38W34	138	173	252	270	326789	145
EASTVIEW-SPRNBK_345_W64	W64	345	2296	2658	3202	25143	702
EASTVIEW-SPRNBK_345_W65	W65	345	1720	2215	2657	25144	859
EASTVIEW-SPRNBK_345_W78	W78	345	2296	2658	3202	25346	808

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
EASTVIEW-SPRNBK_345_W79	W79	345	1720	2215	2657	25153	810
EBATAVIA-NO.LEROY_115_119	119	115	139	160	173	26012	19
ECWABALP-FRNKYONG_115_181-922	181-922	115	174	181	226	326871	88
ECWABALP-FRNKYONG_115_182	182	115	174	181	226	326872	84
EDIC___345_115_BK4	BK 4E	345	505	629	794	25454	103
EDIC___345_230_BK2	BK 2E	230	479	562	683	25422	33
EDIC___-FRASER___345_EF24-40	EF24-40	345	1793	1793	1793	25112	824
EDIC___-GORDONRD_345_14	14	345	1331	1538	1724	327482	685
EDIC___-N.SCTLND_345_14	14	345	1308	1511	1682	25170	0
EDIC_PTR_230_115_BK 1P	BK 1P	230	269	320	338	25389	120
EDIC_PTR_230_115_BK 2P	BK 2P	230	269	320	338	25423	120
EDIC_PTR_345_115_BK 3E	BK 3E	345	455	539	679	25424	103
EDWARDV-RIVRHEAD_138_893	893	138	259	299	335	325654	103
EELPOTRD-MEYER___115_724	724	115	112	131	143	325288	4
EFISHKIL_345_115_BK 1	BK 1	345	412	497	530	25724	67
EFISHKCH_345_115_BK 2	BK 2	345	450	505	560	325845	0
EFISHKIL-WOOD_ST_345_F38	F38	345	1839	2520	3202	25367	1096
EFISHKIL-WOOD_ST_345_F39	F39	345	1839	2520	3202	25368	1182
EGRDNCTY_138_69_BK 1	BK 1	138	227	263	302	26652	123
EGRDNCTY_345_138_AT1	BK 1	345	428	513	641	25551	317
EGRDNCTY_345_138_AT2	BK 2	345	428	513	641	25552	317
EGRDNCTY_345C_345A_PAR1	A_PAR1	345	428	599	787	25678	317
EGRDNCTY_345C_345B_PAR2	B_PAR2	345	428	599	787	25679	317
EGRDNCTY-CARLPLCE_138_361	361	138	254	294	328	25533	39
EGRDNCTY-EGRDNCTR_345_Y49_ST	Y49_ST	345	637	900	1329	325158	634
EGRDNCTY-NEWBRDGE_138_462	462	138	201	279	489	25303	49
EGRDNCTY-NEWBRDGE_138_463	463	138	170	285	348	25304	49
EGRDNCTY-NEWBRDGE_138_465	465	138	197	291	352	25535	56
EGRDNCTY-ROSLYN___138_362	362	138	250	288	323	25534	1
EJWEST_-SCOFDRD_115_9	9	115	193	213	240	326147	46
EKINGSTN-RHINEBCK_115_ER	ER	115	175	193	220	26222	33
ELBRIDGE_345_115_BK 1	BK 1	345	470	557	717	25448	349
ELBRIDGE-GRS_LOCK_115_19	19-EG	115	116	120	145	26097	19
ELBRIDGE-GRS_LOCK_115_3	3	115	143	143	143	26098	25
ELBRIDGE-HYATT___115_10-979	15-EH	115	129	148	160	25109	78
ELBRIDGE-LAFAYTTE_345_17-LE	17-LE	345	940	1517	1912	25149	556
ELBRIDGE-LAKELAND_115_4	4	115	156	179	195	325316	53
ELBRIDGE-MILTON_C_115_18	18-EM	115	129	136	136	26095	20
ELBRIDGE-STATE_ST_115_5-972	5-972	115	251	296	321	25107	128
ELBRIDGE-STATE_ST_115_6-710	6-710	115	238	249	287	326377	94

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
ELM_ST_-SENECA__230_71	71	230	223	254	262	26426	20
ELM_ST_-SENECA__230_72	72	230	223	254	262	26427	21
ELWOOD__138_69_BK 3	BK3	138	108	133	156	26540	54
ELWOOD_-PULASKLI_69_670	670	69	100	120	130	26610	67
ENDICOTT-RANGEHL_115_920	920	115	149	149	149	26158	16
ENDICOTT-ROBBLEAV_115_948	948	115	249	263	263	26159	49
ENORWICH-CTYLINE_115_918	918	115	125	152	179	325280	40
ENORWICH-JENNISON_115_946	946	115	80	110	131	25729	36
EPULASKI-LIGHTHSE_115_2	2	115	114	120	142	327228	24
ERIE E_-S.RIPLEY_230_69	69	230	501	607	637	25016	41
ERIE_ST_-PAVMNTRD_115_926	926	115	215	240	275	26175	53
ESTOLERD-STOLLERD_345_28	28	345	1634	1792	1792	327463	273
ETNA__-CLRKSCRN_115_715	715	115	242	255	295	325728	97
ETNA__-CLRKSCRN_115_947	947	115	242	255	295	325727	97
ETNA__-WILLET__115_945	945-2	115	128	147	159	25731	59
EUCLID_-HOPKINS_115_11	11	115	220	252	280	326784	82
EUCLID_-WOODARD_115_17	17	115	220	252	280	326785	99
EVERETRD-MENANDS_115_10	10	115	182	197	239	326642	100
EVERETRD-MENANDS_115_15	15	115	182	197	239	326643	35
FAGEDARY-CENTERST_115_9	9	115	128	147	159	327077	30
FAIRFIEL-INGHAM_C_115_3	3	115	116	120	145	26106	62
FAIRPORT-ELBRIDGE_115_2	2	115	145	151	185	26099	51
FAIRPORT-HOOK_TAP_115_1	1	115	145	151	157	26327	12
FALCONER-SOUTHDOW_115_153	153	115	129	148	160	26033	18
FALCONER-SOUTHDOW_115_154	154	115	129	148	160	26032	9
FARMGTN_115_12_BK 3	BK 3	115	23	29	44	325380	14
FARMGTN_115_34_BK 1	BK 1	115	56	68	99	70259	40
FARMGTN_115_34_BK 2	BK 2	115	56	64	84	70258	19
FARMGTN_-BORDRCTY_115_4-977	977	115	150	177	193	25057	26
FARMGTN_-HAMLTNNM_115_7-983	7-983	115	125	144	155	26101	71
FARRAGUT_345A_138A_BK 1Y	BK 1Y	138	188	210	237	325083	182
FARRAGUT_345A_138A_BK 2X	BK 2X	138	120	141	150	325084	79
FARRAGUT_345A_138A_BK 2Y	BK 2Y	138	189	238	258	325085	0
FARRAGUT_345A_138A_BK 3Y	BK 3Y	138	189	233	256	325087	183
FARRAGUT_345A_138A_BK 4Y	BK 4Y	138	189	215	231	325089	181
FARRAGUT_345A_138A_BK 5Y	BK 5Y	138	189	203	211	325081	57
FARRAGUT_345A_138A_BK 6X	BK 6X	138	104	141	149	325090	80
FARRAGUT_345A_138A_BK 6Y	BK 6Y	138	189	234	258	325091	181
FARRAGUT_345A_138C_BK 9X	BK 9X	345	110	155	195	25636	10
FARRAGUT_345A_138D_BK 10X	BK 10X	345	110	155	195	25637	9

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
FARRAGUT_345B_345A_TR11	TR11	345	497	705	930	25044	0
FARRAGUT_345C_345A_TR12	TR12	345	503	699	930	25043	0
FARRAGUT-FARRAGUT_138_38B11	38B11	138	189	203	211	326542	57
FARRAGUT-GOWANUS_345_41	41	345	636	834	1303	25141	449
FARRAGUT-GOWANUS_345_42	42	345	636	834	1303	25140	449
FARRAGUT-HUDS_AVE_138_32077	32077	138	102	136	148	25291	9
FARRAGUT-HUDS_AVE_138_32711	32711	138	108	144	159	25293	11
FARRAGUT-PLYMTHST_138_32072	32072	138	120	141	150	326588	79
FARRAGUT-PLYMTHST_138_32076	32076	138	123	148	157	326589	80
FARRAGUT-PLYMTHST_138_32078	32078	138	108	144	157	25292	9
FARRCKWY-CEDRHRST_69_256	256	69	114	132	146	26566	0
FARRCKWY-WOODMERE_69_259	259	69	89	112	118	26597	8
FENERWND-WHITMAN_115_8	8	115	176	211	239	326865	29
FERNDAL-EEWDBURNY_115_959	959	115	90	90	90	26180	28
FEURABSH-GREENBSH_115_17	17	115	176	197	248	25862	59
FEURABSH-NCATSKLL_115_2	2-FN	115	116	120	145	25067	88
FISHKPLN-EFISHKIL_115_HF	HF	115	233	253	333	26227	28
FISHKPLN-SYLVANLK_115_FP/990	FP/990	115	203	226	239	25066	133
FITZPTRK-EDIC___345_FE-1	FE-1	345	1434	1434	1661	25077	623
FIVE_MIL-VALLEY44_115_152	152	115	129	148	160	326174	24
FIVE_MIL-VALLEY44_115_167	167	115	129	148	160	326173	23
FIVEMILE_345_115_BK1	TR1	345	538	597	597	326175	103
FIVEMILE-ESTOLERD_345_29	29	345	1634	1792	1792	327464	125
FIVEMILE-STOLLERD_345_29	29	345	639	769	840	326176	0
FLATROCK-BROWNFLS_115_2	2-FBF	115	114	123	142	26079	61
FLATSTR_-EELPOTRD_115_722	722	115	112	131	143	325287	18
FORGEBRK-MERTPARK_115_WF	WF	115	176	211	240	26229	62
FORTDRUM-N.CARTHG_115_2	2-DT	115	102	120	142	26090	18
FOXHILLS-WILLWBRK_138_29211	29211-1	138	182	262	439	25771	80
FOXHILLS-WILLWBRK_138_29212	29212-1	138	182	262	439	25772	68
FRASANNX-COOPERS_345_UCC2-41	UCC2-41	345	1793	1793	1793	326221	867
FRASER___345_115_BK 2	BK 2	345	305	386	420	25391	142
FRASER_-COOPERS_345_33	33	345	1494	1721	1793	25236	631
FRASER_-GILBOA_345_GF5-35	GF5-35	345	1428	1605	1793	25060	53
FRASERNY-DELHI_TP_115_951	951-3	115	239	239	239	26202	142
FREEPORT-NEWBRDGE_138_461	461	138	223	289	339	25155	160
FRESHKLS_138_33_T22E	T22E	138	111	152	186	327069	54
FRESHKLS_138C_138A_R1_21191	21191	138	309	371	407	25639	199
FRESHKLS_138C_138B_R2_21192	21192	138	279	366	400	25640	200
FRESHKLS_345_138_TA 1	TA 1	138	309	371	407	25457	200

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
FRESHKLS_345_138_TB 1	TB 1	138	314	376	415	25458	200
FRNKYONG-CALSPAN_115_181-922	181-922	115	139	163	181	326277	65
FRNKYONG-WALDENNG_115_182	182	115	168	181	206	326279	62
FRONT_ST-ROSA_RD_115_11	11	115	200	239	239	26274	74
FTZPK_NM-LIGHTHSE_115_3	3-FLH	115	116	119	145	25502	25
FULLRHWL-MORGANRD_115_937	937	115	239	239	239	325223	5
GARDNVLA-GIRDLERD_115_705	705	115	215	239	239	25116	43
GARDNVLA-LANGNERD_115_903	903	115	217	227	239	325284	65
GARDNVLA-STOLLERD_230_66	66	230	474	574	665	25180	172
GARDNVLA_230_1__BK6P	BK6P	230	316	409	420	25405	70
GARDNVLA_230_1__BK7P	BK7P	230	204	246	300	25435	61
GARDNVLB_230_115_TR 2	BK 2	230	348	444	666	25385	61
GARDNVLB_230_115_TR 3	BK 3	230	382	462	462	25416	40
GARDNVLB_230_115_TR 4	BK 4	230	382	454	462	25417	60
GARDNVLB-BETHWEST_115_149	149	115	200	217	260	325317	18
GARDNVLB-BETHWEST_115_150	150	115	200	217	260	325318	0
GARDNVLB-CLVRBANK_115_141	141	115	88	101	108	26038	35
GARDNVLB-CLVRBANK_115_142	142	115	88	101	108	26037	35
GARDNVLB-COBLENM_115_152	152-1	115	187	215	236	26023	11
GARDNVLB-DUNKIRK_230_73	73	230	556	584	601	25166	0
GARDNVLB-DUNKIRK_230_74	74	230	505	505	505	25197	65
GARDNVLB-GARDNVLA_115_T1012	T1012	115	320	343	365	25085	46
GARDNVLB-GARDNVLA_115_T1112	T1112	115	249	267	283	326149	46
GARDNVLB-GARDNVLA_230_T8-12	T8-12	230	663	739	773	25089	41
GARDNVLB-WALDENNG_115_54-921	54-921	115	187	215	236	26035	18
GE_R_D_-GROOMS_115_20_15	20_15	115	200	217	260	26266	17
GELCKHM_-WETZEL_115_14	14-CG	115	220	252	280	326189	74
GETZVL60-AYERREND_115_36	36	115	174	181	226	26049	28
GETZVL60-AYERREND_115_37	37	115	174	181	226	26048	29
GILBOA_-LEEDS_345_GL3	GL3	345	1428	1605	1971	25219	518
GILBOA_-N.SCTLND_345_GNS-1	GNS-1	345	1428	1605	1866	25052	111
GINNA_-PANNELRG_115_912	912	115	227	251	264	25260	37
GINNA_-S124_115_913	913	115	218	228	261	26281	150
GINNA_-STA_135_115_909	909	115	226	249	269	325837	75
GINNA_-STA_135_115_937	937	115	226	249	269	325838	75
GINNA_-STA_204_115_908	908-1	115	252	302	355	26282	81
GINNA_-STA_204_115_911	911	115	251	300	354	26283	162
GIRDLERD-STOLLERD_115_706	706	115	203	226	239	325161	80
GLDNBRGD-CROTONFL_115_991	991	115	215	247	275	326416	10
GLENWDGT-ROSLYN_138_364	364	138	282	311	361	25556	47

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
GLENWOOD_138_69_BK 5	BK 5	138	112	138	156	25735	80
GLENWOOD_138_69_BK 6	BK 6	138	112	138	156	70637	78
GLENWOOD-CARLPLCE_138_363	363	138	250	307	339	25554	31
GLENWOOD-GLENWDGT_138_366	366	138	279	307	356	25555	44
GOETHALS_345_1__BK1P	1N	345	709	957	1052	325129	0
GOETHALS_345A_345B_BK 1N	BK 1N	345	688	843	1056	25641	0
GOETHALS-FRESHKLS_345_21	21	345	919	1006	1286	25138	57
GOETHALS-FRESHKLS_345_22	22	345	981	1390	1602	25137	57
GOETHALS-LINDN_CG_345_G23L	G23L	345	672	893	1630	26000	383
GOETHALS-LINDN_CG_345_G23M	G23M	345	672	893	1630	325203	383
GOLAH__MORTIMER_115_110	110	115	116	120	145	26034	78
GORDONRD_345_230_TR-G1	TR-G1	230	478	562	637	327483	247
GORDONRD_345_230_TR-G3	TR-G3	230	478	562	637	327484	247
GORDONRD-N.SCTLND_345_55	55	345	1309	1512	1683	327492	175
GORDONRD-ROTTRDAM_230_30	30	230	501	607	680	327485	247
GORDONRD-ROTTRDAM_230_31	31	230	501	607	680	327486	247
GOUDEY__ROBBLEAV_115_940	940	115	238	277	305	325166	34
GOUVNEUR-BATTHILL_115_8	8-GBH	115	76	87	94	26066	37
GOWANUS_138A_138B_PAR R14	PAR R14	138	248	335	421	25794	140
GOWANUS_138A_138B_PAR R2	PAR R2	138	344	436	600	25793	140
GOWANUS_345_138_BK T14	BK T14	138	248	335	421	25475	140
GOWANUS_345_138_BK T2	BK T2	138	344	436	600	25476	140
GOWANUS_345KV_REA_R41_REACTR	R41_REA	345	687	896	1315	26001	449
GOWANUS_345KV_REA_R42_REACTR	R42_REA	345	687	896	1315	26003	449
GOWANUS_-GOETHALS_345_25	25	345	492	702	1211	25139	326
GOWANUS_-GOETHALS_345_26	26	345	492	702	1211	25571	0
GOWANUS_-GREENWD_138_42231	42231	138	254	372	516	25214	140
GOWANUS_-GREENWD_138_42232	42232	138	237	289	338	25215	140
GOWANUSA-GREENWD_138_42G24	42G24	138	288	439	574	26007	120
GOWANUSC-GREENWD_138_42G13	42G13	138	286	404	574	26006	186
GR.GORGE-VINGR_TP_115_916 N.O.	916 N.O	115	125	152	193	26478	8
GREENBSH-FT_ORAN_115_15	15	115	186	188	188	26130	42
GREENBSH-REGENRON_115_4	4	115	220	241	280	325649	0
GREENBSH-STEPHTWN_115_993	993	115	99	114	134	26447	0
GREENDGE-FLATSTR_115_968	968	115	108	128	143	26185	34
GREENDGE-MONTRFL_115_967	967	115	108	128	143	26184	24
GREENDGE-MONTRFL_115_970	970	115	124	139	159	26183	30
GREENLWN_138_69_BK5	BK5	138	108	133	156	26655	42
GREENLWN-ELWOOD__138_673	673	138	364	479	566	25546	143
GREENLWN-SYOSSET_138_676	676	138	245	352	562	25548	39

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
GREENWD_-FOXHILLS_138_29231	29231	138	174	235	368	25321	9
GREENWD_-FOXHILLS_138_29232	29232	138	174	235	368	25322	6
GRISAFB-REVERCOP_115_4	4	115	105	114	134	327447	30
GRISLD64-NIAGB130_115_182	182	115	174	181	226	26014	97
GROOMS_-JOHNSON_115_13-14	13	115	220	252	280	26267	82
GRS_LOCK-GELCKHM_115_8	8	115	156	179	195	26103	66
GRS_LOCK-HARRISRD_115_16	16-GT	115	116	120	145	26102	29
GRS_LOCK-SORELHIL_115_9	9	115	142	151	169	326801	72
GUARDIAN-HALEYRD_115_969	969	115	176	179	179	26167	48
HAGUE_RD-TICONDRG_115_2	2	115	62	62	62	326738	36
HAGUE_RD-TICONDRG_115_4	4	115	62	62	62	326739	10
HALEYRD_-GREENDGE_115_969	969	115	176	179	179	325294	25
HAMLTNNM-ELBRIDGE_115_7-983	7-983	115	145	151	185	26096	87
HAMLTNNM-HAMLTNNY_115_BK1	BK 1	115	30	37	56	25394	16
HAMRHILL-INDK-OSW_115_6	6	115	114	120	142	26114	39
HANAWAFL-COLTON__115_5	5	115	182	197	248	326185	14
HANCOCK_-HAZEL__115_955	955-1	115	102	113	120	26187	0
HARNGCRN-W.NYACK_69_701	701	69	118	135	142	26259	1
HARRISRD-TILDEN__115_16	16-GT	115	116	120	145	326815	2
HARSNRAD-ROBNSNRD_115_907	907	115	215	247	275	26162	5
HAUPPAUG-C_ISLIP_138_889	889	138	229	321	353	25681	81
HAZEL_-FERNDAL_115_955	955-2	115	102	113	120	26181	10
HDSNBRDG-DEWITT__115_10	10	115	265	320	368	325260	62
HDSNBRDG-DEWITT__115_7	7	115	265	320	368	325261	50
HELLGT_W-ASTORIAW_138_24052	24052	138	160	250	436	25211	30
HELLTP_W-HELLGT_W_138_15055L	15055L	138	210	301	384	25573	205
HELLTP_W-HELLGT_W_138_15055M	15055M	138	210	301	384	26729	205
HELLGT_E-ASTORIAE_138_34051	34051	138	174	235	368	25323	78
HELLGT_E-ASTORIAE_138_34052	34052	138	174	235	368	25324	78
HELLGT_W-ASTORIAW_138_24051	24051	138	160	250	436	25210	26
HELLGT_W-ASTORIAW_138_24053	24053	138	140	186	186	25212	130
HELLGT_W-ASTORIAW_138_24054	24054	138	140	186	186	25213	129
HELLGT_W-ASTORIAW_138_24056	24056	138	158	253	258	26461	26
HEWLETT_-VALLYSTR_69_260	260	69	107	132	146	325286	27
HICKLING-CATON__115_958	958	115	120	120	120	26189	25
HICKLING-YAWGERRD_115_964	964	115	125	134	148	26188	25
HILLBURN_138_69_BK 317	BK 317	138	182	230	285	26330	55
HILLBURN-RAMAPOOR_138_52	52	138	187	230	265	25882	55
HILLBURN-S.MAHWAH_69_65	65	69	139	159	167	26263	36
HILLSIDE_230_1_BK3P	BK3P	230	254	304	336	325759	83

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
HILLSIDE_230_1_BK4P	BK4P	230	393	474	560	325760	103
HILLSIDE-CHEMUNG_115_962	962	115	161	177	199	25726	14
HILLSIDE-WATRCURE_230_69	69	230	550	637	657	25181	97
HINMAN_-HARSNRAD_115_908	908	115	238	287	306	26161	136
HISHELDN-STONCREK_230_81	81	230	417	479	533	325622	14
HOLBROOK_138_69_BK 1	BK 1	138	227	263	302	69378	108
HOLBROOK_138_69_BK 2	BK 2	138	99	122	136	69376	49
HOLBROOK-NSHORBCH_138_884	884	138	329	380	435	25341	3
HOLBROOK-SILLSRD_138_872	872	138	440	487	594	25340	23
HOLBROOK-WEST BUS_138_888	888	138	495	543	622	25542	234
HOLTSVLE-UNIONAVE_138_818	818	138	181	231	264	25584	0
HOLTSVLE-WEST BUS_138_876	876	138	396	482	569	325974	215
HOLTSVLE-WEST BUS_138_877	877	138	482	528	605	325909	215
HOMER C_-HOMR_NYW_345_48	48	345	1287	1534	1622	326213	43
HOMER_HL-FIVE_MIL_115_169	169	115	221	256	287	26452	28
HOMER_HL-FIVE_MIL_115_170	170	115	221	256	287	26022	28
HOMER_HL-NILE___115_157	157-1	115	88	101	108	26041	22
HOMR_NYW-PIERC_NY_345_48	48	345	1287	1534	1622	326214	43
HOMRC_NY-MAINS_NY_345_47	47	345	1207	1404	1703	326121	10
HONK_FLS-ELLENVTP_69_WH	WH2	69	39	47	50	26234	0
HOOK_TAP-FARMGTN_115_7-983	7-983	115	145	151	185	26100	49
HOPATCON-RAMAPO___500_5018	5018	500	999	1301	1713	25019	316
HOPKINS_-TEALLAVE_115_11	11	115	221	239	239	26105	67
HUDS_AVE-JAMAICA_138_701	701	138	147	221	360	25294	113
HUDS_AVE-JAMAICA_138_702	702	138	147	221	360	25295	113
HUDS_AVE-WATERSTR_138_32077T	32077T	138	196	247	323	326577	9
HUDSON_-FALLSPRK_115_20-731	20-731	115	239	306	359	326939	83
HUDSON_-VALKIN___115_15	15	115	186	214	237	26514	87
HUDSON_-PLSTVYCH_115_12	12-HP	115	129	157	159	25499	53
HUDSONP_-FARRAGUT_345_B3402	B3402	345	432	614	801	25020	0
HUDSONTP-W49TH_ST_345_Y56	Y56	345	9999	9999	9999	325893	319
HUNTLEY_-ELM_ST___230_70	70	230	432	477	491	25855	54
HUNTLEY_-PEROXYCM_115_39	39	115	168	181	206	26044	52
HUNTLEY_-SAWYER___230_79	79	230	566	654	755	25127	158
HUNTLEY_-SAWYER___230_80	80	230	566	654	755	25128	207
HUNTLEY_-SWETH224_115_37	37	115	148	148	148	26045	10
HUNTLEY_-TWOMLCRK_115_38	38	115	145	151	185	26047	53
HUNTLEY_-YOUNG214_115_36	36	115	168	176	176	26046	10
HURLYAVE_115_69_TR 3	TR 3	115	95	122	156	25837	28
HURLYAVE_345/115_BK 1	BK 1	345	419	481	488	25419	178

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
HURLYAVE-LINCNP RK_115_HP	HP	115	198	230	260	25833	85
HURLYAVE-ROSETON_345_303	303	345	1396	1623	1870	25218	487
HURLYAVE-STURGNPL_115_HS	HS	115	169	186	191	25834	47
HYATT__115_34_BK 1	BK 1	115	54	67	100	70329	19
HYATT_-BORDRCTY_115_10-979	979	115	129	143	143	25106	58
IMC_TAP_-MECO___115_15-IM	15-IM	115	125	143	154	26132	22
INDCORTH-SPIERFLS_115_18	18	115	278	321	368	26149	130
INDK-OSW-EPULASKI_115_2	2	115	114	120	142	25503	39
INDPDNCE_345_18_TB 5	MT 5	345	215	235	255	68303	168
INDPDNCE_345_18_TB 6	MT 6	345	215	235	255	68304	168
INDPDNCE-SCRIBA__345_25	25	345	1670	1931	2210	25859	43
INGHAM_C_115_115_PAR 2	PAR 2	115	167	197	239	25242	120
INGHAM_C-INGHAM_E_115_R81	R81	115	182	197	239	25243	0
INGHAM_E-ESPRGFLD_115_7-942	7	115	80	106	124	25061	25
INGHAM_E-FAGEDARY_115_9	9	115	105	114	134	25863	35
INGHAM_E-IMC_TAP__115_15	15-II	115	105	114	134	25871	37
INGHAM_E-STJHNVLE_115_6	6-IS	115	86	90	107	26133	37
JAMAICA_-LAKSUCSS_138_903	903	138	240	328	428	25090	199
JAMAICA_-VALLYSTR_138_901 L_M	901 L_M	138	268	358	441	25048	100
JENNISON-HANCOCK__115_954	954	115	102	113	120	26186	27
JENNISON-KATTLVLE_115_943	943	115	124	139	159	25898	61
JENNISON-SIDNEYRR_115_949	949	115	80	110	120	26173	19
JOHNSON_-MAPLEWOD_115_12	12	115	220	239	239	26268	102
KATONAH_-AMAWALK__115_995	995	115	215	247	275	325279	25
KATONAH_-GLDNBRGD_115_991	991	115	215	249	275	26157	14
KENTAVE_-GREENWD__138_31232	31231-2	138	174	226	247	25299	147
KINGS__-WEST BUS_138_881	881	138	490	537	615	326911	7
KINTIGH_-STA_255_345_SH1-39	SH1-39	345	1301	1501	1685	327459	0
KNAPPCRN_115_69_TR 2	TR 2	115	38	49	60	25838	7
KNAPPCRN-SANDDOCK_115_KB_KC	KB_KC	115	198	226	260	26240	6
KNAPPCRN-SPACKILL_115_SK	SK	115	198	226	260	325777	20
KNTFSRNC-SCOTAFLT_115_913	913	115	120	120	120	26207	10
LABDELFE-FENERWND_115_3	3	115	125	143	154	326864	25
LADENTWN-BOWLINE__345_68	68	345	687	747	747	25249	373
LADENTWN-BUCHAN_S_345_Y88	Y88	345	1703	1894	2404	25185	1143
LADENTWN-WHAVSTRW_345_67-2	67-2	345	1720	2215	2657	25248	326
LAFAYTTE-CLRKSCRN_345_4-46	4-46	345	1207	1327	1479	25049	805
LAFAYTTE-DEWITT__345_22	22	345	1164	1164	1164	25174	260
LAKELAND-BELMONT__115_4	4	115	156	179	195	326804	59
LAKEVIEU-CLVRBANK_115_142	142	115	88	101	108	325881	28

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
LAKSUCSS_138_69_BK 5	BK 5	138	227	263	302	26603	125
LAKSUCSS_138_69_BK 6	BK 6	138	227	263	302	325098	114
LAKSUCSS_138A_138B_PAR	B_PAR	138	240	328	427	25593	200
LANGDON_-NORTHSDE_115_936	936	115	176	196	225	26160	46
LAONA_-MOONROAD_115_172	172	115	88	101	108	326591	5
LAONA_-MOONROAD_115_173	173	115	88	101	108	326592	5
LASHERRD-TAPBLSTN_115_43	43	115	402	467	478	327083	14
LAUREL L-GOUDEY__115_952	952	115	108	128	143	25012	69
LAWRNCAV-HANAWAFL_115_5	5	115	220	252	280	26085	10
LAWRNCAV-SUGARISL_115_4	4	115	220	252	280	326186	8
LEEDS_-ATHENS__345_95	95	345	1331	1538	1724	25789	11
LEEDS_-HURLYAVE_345_301	301	345	1396	1623	1870	25055	665
LEEDS_-PLSNTVLY_345_92	92	345	1331	1538	1724	25056	957
LIGHTHSE-EWATRTWN_115_5	5	115	116	120	145	25504	12
LIGHTHSE-MALLORY__115_7	7-CL	115	108	108	108	25521	47
LINCNP RK-EKINGSTN_115_LR	LR	115	194	214	240	26223	46
LINDEN_-GOETHALS_230_A2253	A2253	230	541	715	845	25017	0
LINDN_CG-LNDVFT__345_V-3022	V-3022	345	325	415	436	325657	296
LINE8TAP-WOLF_RD__115_8	8	115	116	120	145	326641	51
LITTLRIV-COLTON__115_8	8	115	76	87	94	25514	1
LITTLRIV-PYRITES__115_7	7	115	76	87	94	326402	15
LNGRD209-GARDNVLB_115_180	180	115	160	166	206	326282	95
LOCKPORT-HINMAN__115_100	100	115	220	252	280	25087	96
LOCKPORT-N.AKRON__115_108	108	115	130	136	165	25266	29
LOCKPORT-OAKFIELD_115_112	112	115	131	144	158	25300	29
LOCKPORT-SHELBY76_115_113	113	115	143	165	180	25263	20
LOCKPORT-TELGRAPH_115_107	107	115	220	252	280	25265	45
LOCKPORT-TELGRAPH_115_111	111	115	199	199	199	25262	15
LOCKPORT-TELGRAPH_115_114	114-1	115	143	165	180	25264	27
LOCUSTGR-NEWBRDGE_138_558	558	138	323	476	580	25158	151
LONG_MTN-CRICKVLY_345_398	398	345	1260	1786	2091	25033	52
ONGLANE-LAFARGE__115_6	6	115	116	120	145	25864	0
LOVETT__138_69_BK 147	BK 147	138	106	118	123	26331	31
LOVETT_-BOWLINOR_138_56	56	138	234	267	281	25877	37
LOVETT_-STONYPNT_138_54	54	138	220	244	268	25885	10
LOWVILLE-KRAFTFOD_115_5	5	115	105	114	134	26075	40
LUDLUM_-BENETTRD_115_161	161-3	115	168	185	206	326230	25
LUDLUM_-BENETTRD_115_162	162-2	115	168	185	206	326229	22
LUTHERFT-MALTA__115_43	43	115	197	256	287	325889	40
LUTHERFT-MALTA__115_44	44	115	197	256	287	325890	2

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
LUTHERFT-MULBRYNM_115_308	308	115	254	294	318	325742	49
LUTHERFT-STILWATR_115_3	3	115	254	294	333	26477	39
LYON_MTN-KNTFSRNC_115_1(911)	911	115	125	151	175	26205	0
LYSANDER-SORELHIL_115_13	13	115	192	221	245	326799	49
MACHIAS_-VALLEY44_115_152	152	115	129	148	158	326172	17
MACHIAS_-VALLEY44_115_167	151	115	124	138	158	326169	23
MADISON_-GRISAFB_115_4	4	115	105	114	134	327446	38
MADISON_-ROME___115_3	3	115	116	120	145	327442	23
MAINESBG-WATRCURE_345_30	30	345	1207	1326	1434	25018	62
MALLORY_-WETZEL___115_7	7-CL	115	155	155	155	326206	25
MALONE_-NICHVLLE_115_3	3-NM	115	129	182	199	25585	12
MALONE_-WILLIS___115_1-910	1-MW	115	129	159	173	25586	48
MALTA___-TAPBLSTN_115_44	44	115	220	252	280	325892	14
MANCHSTR-SPACKILL_115_MC	MC	115	198	230	260	325776	51
MAPLE140-BUFALO54_115_38	38	115	174	181	226	326157	33
MAPLE140-BUFALO54_115_39	39	115	174	181	226	326158	32
MAPLEAVE-CHURCH_S_115_10	10	115	128	147	148	26120	5
MAPLEWOD-WTRVLARS_115_19	19	115	129	182	239	25870	57
MAPLEWOD-WTRVLARS_115_31	31	115	129	176	224	25844	78
MARCY___765_345_AT2	BK 2	765	1675	2010	2384	25456	744
MARCY___765_345_BK 1	BK 1	765	1488	1650	1756	25455	855
MARCY___-EDIC___345_UE1-7	UE1-7	345	1864	2079	2384	25229	598
MARCY___-FRASANNX_345_UCC2-41	UCC2-41	345	1793	1793	1793	25113	897
MARCY___-N.SCTLND_345_18	18	345	1488	1650	1971	25276	680
MARION_-FARRAGUT_345_C3403	C3403	345	414	589	767	25038	0
MARSHVLE-CLINTON_115_12	12	115	125	143	154	325267	4
MASSENA_765_230_AT1	BK 1	765	936	1197	1872	25665	152
MASSENA_765_230_AT2	BK 2	765	936	1197	1872	25666	152
MASSENA_-MARCY___765_MSU1	MSU1	765	5115	5300	5300	25224	1599
MCADOO_-DEKALB___115_4	4	115	76	87	89	26064	15
MCADOO_-LITTLRIV_115_8	8	115	76	87	94	326404	1
MCADOO_-MCINTYRE_115_8	8	115	128	147	159	326410	1
MCINTYRE-CORNING_115_6	6	115	128	136	137	26108	8
MCINTYRE-OGDNSBRG_115_2	2	115	55	55	55	326406	12
MCKNOWNV-NEWKRMKL_115_8	8	115	258	321	368	26499	130
MECO___-CENTERST_115_22	22	115	125	130	130	327075	5
MENANDS_-REYNOLDS_115_2	2-MR	115	217	250	280	26135	127
MENANDS_-RIVERSDE_115_3	3-MR	115	250	303	368	26134	129
MENANDS_-WTRVLARS_115_19	19	115	128	147	159	326246	61
MERTPARK-WICCOPEE_115_WP	WP	115	194	214	240	325772	33

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
MEYER___230_1__BK4P	BK4P	230	235	286	336	325765	34
MEYER___-CANANDGA_230_60	60	230	483	556	634	325604	18
MEYER___-MORaine_115_966	966	115	125	152	191	26166	46
MIDDLEOR-SHOEMAKR_138_29	29	138	506	587	636	26468	296
MIDDLERD-BABBITSC_115_6	6	115	116	120	145	326735	8
MIDDLETP_345_138_BK 114	BK114	345	506	587	668	26465	297
MIDDLETP-ROCKTVRN_345_CCRT-34	MTR-34	345	1704	1852	2362	26464	499
MILAN___-PLSTVYCH_115_10	10	115	129	158	192	26433	6
MILAN___-RHINEBCK_115_MR	MR	115	175	193	220	26242	5
MILLERPL-HOLBROOK_138_885	885	138	386	470	555	26691	14
MILLIKEN-ETNA___115_974	974	115	185	224	255	26177	9
MILLIKEN-ETNA___115_975	975	115	185	224	255	26178	9
MILLWOOD_345_138_TA 1	TA 1	138	216	307	346	25530	55
MILLWOOD_345_138_TA 2	TA 2	138	205	297	321	25531	61
MILLWOOD-EASTVIEW_345_W82	W82	345	2296	2658	3202	25147	1034
MILLWOOD-EASTVIEW_345_W85	W85	345	2296	2658	3202	25258	983
MILLWOOD-EASTVIEW_345_W99	W99	345	2296	2658	3202	25255	982
MILTON_C-GRS_LOCK_115_18	18-MG	115	129	148	160	26104	34
MILTR210-SUMMIT97_115_129	129	115	239	274	278	326288	80
MILTR210-SUMMIT97_115_130	129	115	239	298	298	326291	91
MNTNDALE-WWDBURNY_115_957	957	115	108	120	120	325616	26
MODENA___115_69__BK1	BK1	115	33	41	53	26325	3
MODENA___-OHIOVLE_115_PX	PX	115	232	257	304	25835	13
MOHANSIC_115_13__BK 2	BK 2	115	23	24	26	26482	11
MOHANSIC_115_13__BK 4	BK 4	115	23	24	26	26483	15
MOHICAN_-BATNKILL_115_15	15	115	221	256	287	26122	27
MOHICAN_-SCHAGCKT_115_309	309	115	186	214	237	26687	31
MONSEY___-BURNS___138_601	601	138	425	451	475	325608	93
MONTRFL_-CODNIGTN_115_982	982	115	108	128	144	25728	12
MONTRFL_-RIDGE_RD_115_963	963-2	115	108	127	133	26196	8
MONTRFL_-RIDGE_RD_115_978	978-2	115	108	128	145	26197	2
MOONROAD-FALCONER_115_175	175	115	88	101	108	26030	5
MOONROAD-FALCONER_115_176	176	115	88	101	108	26031	5
MORGANRD-LANGDON_115_936	936	115	203	226	239	325224	20
MORTIMER-FAIRPORT_115_1	1	115	129	151	163	25163	37
MORTIMER-FAIRPORT_115_2	2	115	129	144	158	25240	0
MORTIMER-SHELBY76_115_114	114	115	129	149	153	326129	4
MORTIMER-STA_56___115_24	24-1	115	129	148	160	25096	54
MORTIMER-STA_89___115_25	25	115	114	123	142	25095	62
MOSES___230_115_AT1	BK 1	230	401	490	646	25411	11

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
MOSES__230_115_AT2	BK 2	230	401	490	646	25451	0
MOSES__230_115_AT3	BK 3	230	192	240	288	25452	4
MOSES__230_115_AT4	BK 4	230	479	589	690	25453	11
MOSES__-ADIRNDCK_230_MA1	MA1	230	348	386	440	25269	155
MOSES__-ADIRNDCK_230_MA2	MA2	230	348	386	440	25270	0
MOSES__-ALCOA_PA_115_MAL6	MAL6	115	219	230	230	25581	78
MOSES__-GRASRIVR_115_MAL4	MAL4	115	238	275	310	25582	80
MOSES__-GRASRIVR_115_MAL5	MAL5	115	207	207	207	25583	80
MOSES__-MASSENA_230_MMS1	MMS1	230	936	1197	1371	25274	152
MOSES__-MASSENA_230_MMS2	MMS2	230	936	1197	1394	25275	152
MOSES__-MED-ENGS_115_MRG1	MRG1	115	174	193	220	26328	89
MOSES__-MED-ENGS_115_MRG2	MRG2	115	174	193	220	26335	73
MOSES__-REYNLDPA_115_MR3	MR3	115	153	153	153	26332	0
MOSES__-WILLIS__230_MW1	MW1	230	349	386	440	25188	14
MOSES__-WILLIS__230_MW2	MW2	230	349	386	440	25271	13
MOTTHAVN_345_138_TR6	TR6	345	457	558	603	325428	82
MOTTHAVN_345_138_TR7	TR7	345	457	558	603	325426	83
MOTTHAVN_345_138_TR8	TR8	345	457	558	603	325427	82
MOTTHAVN_345_138_TR9	TR9	345	457	558	603	325429	83
MOTTHAVN-RAINEY__345_Q11	Q11	345	707	833	1298	325430	412
MOTTHAVN-RAINEY__345_Q12	Q12	345	707	833	1298	325431	386
MOUNTAIN-SWANROAD_115_103	103	115	176	211	240	26054	85
MOUNTAIN-SWANROAD_115_104	104	115	176	211	240	26053	0
MULBRYNM-EASTOVER_115_308	308	115	186	214	237	26475	81
MUMFRD50-GOLAH__115_119	119	115	129	160	173	326560	16
N_SALEM-BATNKILL_115_989	989	115	40	50	57	26448	5
N.AKRON_-BATAVIA_115_107	107	115	159	159	159	25124	13
N.AKRON_-BATAVIA_115_108	108	115	125	136	154	25125	14
N.CARTHG-TAYLORVL_115_8	8	115	102	120	142	26431	6
N.END__115_46_BK 1	BK 1	115	61	61	69	25849	37
N.END__-ASHLEYRD_115_702	702	115	287	333	388	25846	64
N.END__-PLATSBRG_115_701	701	115	217	239	239	25848	140
N.HEMPST-WHAVSTOR_138_530	530	138	236	270	285	26506	95
N.SCTLND_345_115_BK 1	BK 1	345	458	570	731	25445	12
N.SCTLND_345_115_BK 2	BK 2	345	510	690	794	25460	11
N.SCTLND-ALBANY__115_8	8-NA	115	278	321	368	25496	19
N.SCTLND-ALPS__345_2	2	345	1204	1326	1685	25217	202
N.SCTLND-ALTAMONT_115_20	20-NV	115	116	120	145	25492	67
N.SCTLND-BETHLHEM_115_4	4-NB	115	254	266	266	25497	7
N.SCTLND-FEURABSH_115_3	3-NF	115	254	292	333	25495	76

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
N.SCTLND-LEEDS___345_93	93	345	1331	1538	1724	25171	569
N.SCTLND-LEEDS___345_94	94	345	1331	1538	1724	25203	568
N.SCTLND-OWENSCRN_115_7	7	115	116	120	145	25491	13
N.SCTLND-OWENSCRN_115_9	9	115	116	120	145	25490	14
N.SCTLND-ROTTRDAM_115_13	13-NR	115	241	265	333	25494	0
N.SCTLND-VORHVSLE_115_19	19-NV	115	116	120	145	25493	57
N.TROY_-EASTOVER_115_306	308	115	186	214	237	326095	18
N.TROY_-EASTOVER_115_307	10	115	186	214	237	326096	16
N.TROY_-HOOSICK_115_5	5-NHF	115	220	232	232	26131	6
N.TROY_-SYCAWAY_115_14-988	14-NW	115	186	214	237	26137	45
N.TROY_-SYCAWAY_115_16	16-NR	115	186	214	237	26139	67
NANGOLA_-DELEMTER_115_141	141	115	88	101	108	325872	17
NANGOLA_-DELEMTER_115_142	142	115	88	101	108	325879	12
NANGOLA_-SILVRCRK_115_141	141	115	88	101	108	325871	8
NANGOLA_-SILVRCRK_115_142	142	115	88	101	108	325878	3
NANOTECH-MCKNOWNV_115_2	2	115	258	321	368	326637	105
NBRDWYNG-ERIE_ST_115_181-922	181-922	115	124	139	159	26011	25
NCATSKLL_115_69_TR 4	TR 4	115	112	129	187	25839	23
NCATSKLL_115_69_TR 5	TR 5	115	112	129	187	25818	22
NCATSKLL-MILAN___115_T7	T7	115	129	183	199	26243	15
NCHELSEA_115_69_BK TR1	BK TR1	115	112	130	156	25836	15
NCHELSEA-FISHKPLN_115_NF	NF	115	183	248	279	26228	88
NCHELSEA-FORGE BRK_115_FO	FO	115	176	211	240	26230	102
NEPTUNE_-DUFFYAVE_345_NEPTUNE	NEPTUNE	345	660	785	785	325304	375
NESCNSET-HOLBROOK_69_673	673	69	100	120	130	326339	54
NEVRSNK_-NVR SK_TP_69_WH	WH1-2	69	77	99	107	26244	7
NEWBRDGE_138_69_BK 6	BK 6	138	114	141	159	26604	71
NEWBRDGE_138_69_BK 7	BK 7	138	114	141	159	26605	78
NEWBRDGE_345_138_BK_1	BK 1	345	377	469	562	325301	376
NEWBRDGE_345_138_BK_2	BK 2	345	385	469	562	325302	0
NEWBRDGE-BAGATLRD_138_563	563	138	370	471	575	25536	67
NEWBRDGE-DUFFYAVE_345_501	501	345	660	750	750	325303	376
NEWBRDGE-EGRDNCTY_138_467	467	138	251	389	619	325378	44
NEWBRDGE-RULAND___138_561	561	138	236	274	302	25305	31
NEWBRDGE-RULAND___138_562	562	138	234	272	300	25306	31
NEWBRDGE-RULAND___138_567	567	138	240	388	601	325379	32
NEWKRMKL-ALBANY___115_7	7	115	275	303	354	325257	148
NIAGARA_230_115_AT1	BK T1	230	240	299	479	25409	5
NIAGARA_230_115_AT2	BK T2	230	239	298	366	25410	33
NIAGARA_345_230_AT3	BK 3	345	376	470	564	25408	63

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
NIAGARA_345_230_AT4	BK 4	345	751	924	1082	25449	113
NIAGARA_345_230_AT5	BK 5	345	376	470	564	25450	63
NIAGARA_-DYSINGER_345_ND1	ND1	345	1301	1501	1685	327443	133
NIAGARA_-DYSINGER_345_ND2	ND2	345	1301	1501	1685	327456	131
NIAGARA_-KINTIGH_345_NS1-38	NS1-38	345	1301	1501	1685	327444	0
NIAGARA_-LNGRD209_115_180	180	115	200	208	265	25104	107
NIAGARA_-MOUNTAIN_115_120	120	115	176	211	258	25135	85
NIAGARA_-MOUNTAIN_115_121	121	115	40	40	40	326182	10
NIAGARA_-MOUNTAIN_115_122	122	115	40	40	40	326183	10
NIAGARA_-PACKARD_115_191	191	115	273	301	352	25075	150
NIAGARA_-PACKARD_115_192	192	115	344	487	597	25099	173
NIAGARA_-PACKARD_115_193	193	115	273	301	352	25100	97
NIAGARA_-PACKARD_115_194	194	115	273	301	352	25101	97
NIAGARA_-PACKARD_115_195	195	115	331	359	424	25102	113
NIAGARA_-PACKARD_230_61	61	230	626	727	846	25186	280
NIAGARA_-PACKARD_230_62	62	230	626	717	846	25220	275
NIAGARA_-ROBNSNRD_230_64	64	230	496	550	657	25088	172
NIAGARA_-SANBORN_115_101	101	115	273	301	352	326180	84
NIAGARA_-SANBORN_115_102	102	115	273	301	352	25103	83
NIAGARA_-STA_255_345_NH2	NH2	345	1301	1501	1685	327247	0
NIAGB130-ECWABALP_115_181-922	181-922	115	174	181	226	26057	89
NIAGB130-ECWABALP_115_182	182	115	174	181	226	326278	84
NICHLVLE-PARISHVL_115_3	3-PN	115	128	147	159	26110	7
NILE___-ANDOVER_115_157	157-2	115	105	114	134	26016	2
NINEMILE-CLAY___345_8	8	345	1032	1271	1416	25167	817
NINEMILE-FTZPK_NM_115_4	4-NF	115	119	119	159	25500	25
NINEMILE-SCRIBA__345_9	9	345	1032	1284	1562	25359	195
NO.LEROY-MUMFRD50_115_119	119	115	129	160	173	326559	16
NOGDNBRG-MCINTYRE_115_9	9-NOM	115	159	159	159	26080	12
NORFOLK_-LAWRNCALV_115_4	4	115	220	252	280	326397	15
NRTH1385-NOR HBR_138_601	601	138	147	182	409	325597	33
NRTH1385-NOR HBR_138_602	602	138	147	182	409	325598	33
NRTH1385-NOR HBR_138_603	603	138	147	182	409	325599	33
NRTH1385-NRTHPORT_138_NNC	1385	138	436	518	532	25035	100
NRTHPORT_138_138_PS2	138_PS2	138	386	470	555	25599	155
NRTHPORT_138N_138E_PAR 1	E_PAR 1	138	436	518	532	25598	100
NRTHPORT-ELWOOD___138_678	678	138	356	474	559	25543	165
NRTHPORT-ELWOOD___138_681	681	138	358	539	617	25544	164
NRTHPORT-PILGRIM_138_672	672	138	188	288	349	25307	148
NRTHPORT-PILGRIM_138_677	677	138	377	531	608	25308	296

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
NRTHPORT-PILGRIM_138_679	679	138	382	531	608	25309	296
OAKDALE_345_1__BK3P	BK 3	345	420	499	600	25399	216
OAKDALE_230_115_BK 1	BK 1	230	275	400	440	25400	10
OAKDALE_345_115_BK 2	BK 2	345	491	587	600	25401	219
OAKDALE_-DELHI__115_919	919	115	161	177	179	25897	12
OAKDALE_-ENDICOTT_115_938	938	115	175	175	175	26198	104
OAKDALE_-FRASER__345_32	32	345	1255	1518	1793	25235	10
OAKDALE_-GOUDEY__115_939	939	115	238	274	306	26182	129
OAKDALE_-KATTLVLE_115_943	943	115	153	163	173	26201	76
OAKDALE_-NORTHSDE_115_944	944	115	185	224	239	26199	85
OAKFIELD-BATAVIA_115_112-2	112-2	115	128	136	159	25126	18
OAKSTRET-CORPDRIV_138_704	704	138	230	270	285	326882	93
OAKWD232-LOCKPORT_115_36	36	115	199	199	199	326369	72
OAKWD232-LOCKPORT_115_37	37	115	199	199	199	326372	72
OAKWOOD_-ELWOOD__138_674	674	138	364	479	566	25545	86
OAKWOOD_-SYOSSET_138_675	675	138	245	352	562	25547	32
OHIOVLE-HIGHLAND_115_OR	OR	115	182	197	240	26247	11
ONEIDA_-GRNEMPFM_115_2	2-OT	115	116	120	145	25895	30
ONEIDA_-SHERILPL_115_6	6	115	116	120	145	26113	23
ONEIDA_-WALESVIL_115_7	7	115	116	120	145	26115	36
OSWEGO__345_115_BK 7	BK 7	345	489	552	690	25372	322
OSWEGO_-ELBRIDGE_345_17	17	345	1207	1326	1426	25234	906
OSWEGO_-S.OSWEGO_115_3	3-OS	115	209	250	250	25507	131
OSWEGO_-S.OSWEGO_115_5	5-OS	115	209	250	250	25508	131
OSWEGO_-S.OSWEGO_115_8	8-OS	115	318	318	318	25509	47
OSWEGO_-VOLNEY__345_11	11	345	1200	1326	1685	25199	158
OSWEGO_-VOLNEY__345_12	12	345	1200	1326	1685	25201	158
OWENSCRN-SABICO__115_7	7	115	116	120	145	325736	14
OWENSCRN-SABICO__115_9	9	115	116	120	145	325737	33
PACKARD_230_115_BK 3	BK 3	230	189	250	250	25414	29
PACKARD_230_115_BK 4	BK 4	230	190	250	250	25415	23
PACKARD_-LNGRD209_115_182	182	115	200	208	265	26056	117
PACKARD_-MILTR210_115_129	129	115	239	298	298	25906	90
PACKARD_-MILTR210_115_130	130	115	239	298	298	26059	99
PACKARD_-NIAGB130_115_181-922	181-922	115	160	166	206	26055	103
PACKARD_-SAWYER__230_77	77	230	556	644	746	25164	261
PACKARD_-SAWYER__230_78	78	230	556	644	746	25195	261
PALMITER-BENNETT_115_932	932	115	79	101	108	26165	15
PANNELL_345_115_4T	BK 4	345	489	598	598	326315	107
PANNELL_345_115_5T	BK 5	345	489	598	598	326316	106

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
PANNELL_345_115_6T	BK 6	345	493	556	556	326317	105
PANNELL_-CLAY___345_1	1	345	1195	1315	1673	25058	671
PANNELL_-CLAY___345_2	2	345	1195	1315	1673	25050	673
PANNELRG-FARMGTN_115_4-977	4-977	115	250	296	321	25080	80
PANNELRG-STA_56___115_24	24	115	129	148	160	26285	100
PANNELRG-STA_56___115_25	25	115	129	148	160	26284	92
PARISHVL-COLTON___115_3	3-CP	115	128	147	159	25241	9
PATRVLE-ROTRDAM_115_10	10-AR	115	116	120	131	26428	31
PATROON_-NANOTECH_115_6	6	115	278	321	368	25866	80
PATROON_-PATRTAP_115_15	15	115	160	176	224	25867	35
PATRTAP_-EVERETRD_115_15	15	115	148	166	166	26493	43
PAVMNTRD-STOLLERD_115_926	926	115	249	287	327	325220	78
PAWLING_-TILYFSTR_115_994	994	115	249	287	312	25902	49
PEARLRVR-HARNGCRN_34_45	45	34	19	24	28	26278	3
PEAT ST_-HDSNBRDG_115_10	10	115	176	211	258	26648	62
PEAT ST_-HDSNBRDG_115_7	7	115	278	321	368	26649	14
PEBLHILL-DEWITT___115_19	19	115	187	213	236	327232	127
PEROXYCM-TWOMLCRK_115_39	39	115	145	151	185	327141	52
PETERBOR-ONEIDA___115_5	5	115	116	120	127	25896	7
PIERCBRK-FIVEMILE_345_37	37	345	1195	1195	1195	326225	21
PILGRIM_138B_138A_PAR	138_PS2	138	261	321	353	25604	110
PILGRIM_-HAUPPAUG_138_871	871	138	260	320	353	25550	110
PILGRIM_-KINGS___138_880	880	138	488	535	613	25537	40
PINEBUSH-SANDCREK_115_12	12	115	116	120	145	326635	52
PINEBUSH-WOODLAWN_115_35	35	115	116	120	145	326633	12
PINEGROV-FLYROAD___115_3	3	115	220	252	280	327238	40
PLATSBRG_230_1___AT4	BK 4P	230	280	344	403	325801	8
PLATSBRG_230_115_AT2	AT2	230	249	277	318	326870	1
PLATSBRG-KNTFSRNC_115_PS1	PS1	115	125	151	180	25078	29
PLATSBRG-PLATSBRG_115_PS1TM	PS1TM	115	157	179	197	325732	33
PLSNTVLE_345_13__BK 1	BK 1	138	59	67	67	25477	38
PLSNTVLE_345_13__BK 2	BK 2	138	59	67	67	25478	36
PLSNTVLE-DUNWODIE_345_W89	W89	345	1868	2081	2384	25182	1006
PLSNTVLE-DUNWODIE_345_W90	W90	345	1720	1977	2265	25250	1048
PLSNTVLY-EFISHKIL_345_F36	F36	345	1720	2215	2657	25256	461
PLSNTVLY-EFISHKIL_345_F37	F37	345	1720	2215	2657	25257	461
PLSNTVLY-WOOD_ST_345_F30	F30	345	1720	2214	2657	25237	1057
PLSNTVLY-WOOD_ST_345_F31	F31	345	1720	2214	2657	25238	1023
PLSTVYCH_115_69_TR 10	TR 10	115	107	120	143	25840	47
PLSTVYCH_345_115_BK S1	BK S1	345	396	450	450	25382	33

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
PLSTVYCH-INWOOD__115_X1	X-1	115	175	193	220	26209	20
PLSTVYCH-MANCHSTR_115_M	M	115	183	230	260	26208	71
PLSTVYCH-TODDHILL_115_C	C	115	183	248	295	325156	90
PLYMTHST-HUDS_AVE_138_32078	32078	138	144	248	464	326581	9
PORTER_-DERFIELD_115_8	8	115	105	114	127	26116	13
PORTER_-ROTTRDAM_230_30	30-PR	230	425	490	539	25173	0
PORTER_-ROTTRDAM_230_31	31-PR	230	425	490	539	25194	0
PORTER_-VALLEY__115_4	4-PV	115	116	120	145	25231	78
PORTER_-WATKINRD_115_5	5-PW	115	116	120	145	25232	86
PORTJEFF_138_69_BK 7	BK 7	138	111	138	156	25601	59
PORTJEFF_138_69_BK 8	BK 8	138	114	141	159	25600	44
PORTJEFF-HOLBROOK_138_862	862	138	248	305	336	25539	50
PORTJEFF-HOLBROOK_138_886	886	138	289	318	369	25540	51
PYRITES_-DEKALB__115_7	7	115	76	87	94	26065	15
QUAKERRD-MACEDON__115_930	930	115	60	75	112	25093	25
QUAKERRD-PANNELRG_115_914	914	115	207	247	264	25261	39
QUAKERRD-PANNELRG_115_925	925	115	274	303	354	25682	68
QUAKERRD-SLEIGHT__115_13-980	980(13)	115	150	169	188	25079	23
QUAKERRD-STA_204__115_908	908	115	227	251	285	26286	47
QUENBRDG-VERNON__138_31281	31281	138	363	455	602	25159	69
QUENBRDG-VERNON__138_31282	31282	138	363	455	602	25160	26
QUENSBRD-CEDAR__115_10	10	115	128	147	159	26140	57
QUENSBRD-SHERMAN__115_17	17-QS	115	116	120	145	26142	58
RAINEY_-E75THSTA_138_38M35	38M35_2W	138	150	214	234	327306	138
RAINEY_-FARRAGUT_345_61	61	345	537	749	1247	25152	274
RAINEY_-FARRAGUT_345_62	62	345	691	818	1281	25253	252
RAINEY_-FARRAGUT_345_63	63	345	537	749	1247	25254	274
RAINEY_-VERNON__138_36311	36311	138	233	280	317	25296	81
RAINEY_-VERNON__138_36312	36312	138	245	303	342	25297	115
RAMAPO__345_138_BK 1300	1300	345	592	677	743	25441	140
RAMAPO__345_138_BK 2300	2300	345	592	677	743	25442	140
RAMAPO__345_345_PAR3500	PAR3500	345	611	788	1054	25370	158
RAMAPO__345_345_PAR4500	PAR4500	345	575	803	1081	25371	158
RAMAPO__500_345_BK 1500	BK 1500	345	995	1304	1750	25656	316
RAMAPO_-BUCHAN_N_345_Y94	Y94	345	1703	1894	2404	25184	950
RAMAPO_-LADENTWN_345_W72	W72	345	1722	1894	2404	25233	447
RAMAPO_-SUGARLOF_345_76	76	345	1872	2037	2145	326219	732
RAMAPOOR-STRLFRST_138_26	26	138	236	270	285	326302	49
RAMAPOOR-TALLMAN__138_60	60	138	412	451	475	25880	180
RANGEHL_-CASTLEGD_115_937	937	115	149	149	149	325225	14

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
REGENRON-GREENBSH_115_9	9	115	352	422	474	327081	204
REGENRON-RVSD_TAP_115_4	4	115	232	241	291	327082	3
REVERCOP-ROME___115_4	4	115	116	120	145	26072	19
REYNOLDS_345_115_BK 2	BK 2	345	459	538	646	25403	226
REYNOLDS-ALPS___345_1	1	345	1670	1912	1912	25587	359
REYNOLDS-GERENSLR_115_31	31	115	220	252	280	326247	85
REYNOLDS-REGENRON_115_9	9	115	329	400	474	26129	197
REYNOLDS-RVSD_TAP_115_4	4	115	220	241	280	325648	28
RICHFELD-ESPRGFLD_115_7-942	942	115	102	113	120	26176	24
RIDGE_RD-HILLSIDE_115_963	963	115	108	128	145	26190	33
RIDGE_RD-HILLSIDE_115_978	978-1	115	108	128	145	26191	24
RIVERSDE-RVSD_TAP_115_4	4	115	220	239	239	26144	25
RIVERSDE-TRINITY___115_18	18	115	147	178	243	26491	92
RIVERSDE-TRINITY___115_19	19	115	198	242	278	26492	106
RIVRHEAD_138_69__BK 7	BK 7	138	114	141	156	26622	68
RIVRHEAD_138_69__BK 8	BK 8	138	112	138	156	26623	59
RIVRHEAD-WILDWOOD_138_912	912	138	321	383	438	327372	124
ROBNSNRD_230_1__BK1P	BK 1	230	331	383	420	25395	24
ROBNSNRD-STOLLERD_230_65	65	230	550	637	717	25065	148
ROCHESTR_345_115_BK 1	BK 1	345	494	603	630	25412	120
ROCHESTR_345_115_BK 2	BK 2	345	327	415	478	25432	124
ROCHESTR_345_115_BK 3	BK 3	345	494	603	630	25446	110
ROCHESTR_345_115_BK 5	BK 5	345	462	567	630	325381	211
ROCHESTR-PANNELL___345_RP1	RP1	345	1301	1501	1685	25192	496
ROCHESTR-PANNELL___345_RP2	RP2	345	1301	1501	1685	25172	497
ROCK_CUT-TILDEN___115_18	18	115	187	208	236	326281	0
ROCKHILL-MNTNDALE_115_957	957	115	153	163	173	325615	38
ROCKTVRN_345_115_BK TR1	BK TR1	345	396	445	445	25406	56
ROCKTVRN_345_115_BK TR3	BK TR3	345	396	459	519	26168	56
ROCKTVRN-RAMAPO___345_77	77	345	1872	2037	2145	25183	865
ROCKTVRN-SUGARLOF_345_76	76	345	1872	2037	2145	326218	929
ROCKTVRN-UNION_CH_115_RJ	RJ	115	161	177	221	326347	43
ROME___-TURNSTON_115_1	1-RO	115	200	217	239	26112	18
RONKOKMA-HOLBROOK_138_875	875	138	472	517	592	25541	92
ROSA_RD_-GE_R_D___115_14	14	115	200	217	260	26145	38
ROSETON_-EFISHKIL_345_RFK305	RFK305	345	1936	2666	3133	25108	1428
ROSETON_-ROCKTVRN_345_311	311	345	1396	1623	1870	25069	232
ROTTRDAM_230_115_BK 6	BK 6	230	352	414	478	25407	160
ROTTRDAM_230_115_BK 7	BK 7	230	300	355	402	25392	154
ROTTRDAM_230_115_BK 8	BK 8	230	326	369	423	25413	124

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
ROTTRDAM-BURDECK_115_17	17-RB	115	116	120	145	25129	32
ROTTRDAM-BURDECK_115_19	19-RB	115	116	120	145	26146	41
ROTTRDAM-CURRY_RD_115_11	11	115	220	252	280	25869	12
ROTTRDAM-EASTOVER_230_38	38	230	482	530	637	326094	54
ROTTRDAM-FRONT_ST_115_16	16	115	220	252	280	26147	105
ROTTRDAM-PINEBUSH_115_35	35	115	116	120	145	25865	2
ROTTRDAM-SWAGRTWN_115_44	44	115	414	447	447	26430	79
RULAND_-HOLBROOK_138_882	882	138	394	479	566	25538	62
RULAND_-PILGRIM_138_661	661	138	385	468	551	25310	127
RULAND_-PILGRIM_138_662	662	138	483	529	544	25311	127
RUTHROAD-LINE8TAP_115_8	8	115	116	120	145	326639	40
RUTHROAD-PINEBUSH_115_12	12	115	186	214	237	326634	38
RYAN_-PLATSBRG_230_RYP-2	RYP-2	230	249	277	318	25273	7
RYNDS_HL-HIGHLAND_115_HR	HR	115	176	194	221	325825	31
RYNDS_HL-INWOOD_115_IR	IR	115	175	193	220	26248	35
S.MAHWAH-RAMAPOOR_138_51	51	138	236	270	285	25888	95
S.OSWEGO-CLEARWTR_115_9	9	115	192	199	199	25510	102
S.OSWEGO-CURTIS_115_10	10	115	175	175	175	25511	85
S.OSWEGO-HAMRHILL_115_6	6	115	116	120	145	25513	10
S.OSWEGO-NINEMILE_115_1	1-SN	115	116	120	145	25501	32
S.OWEGO_-GOUDEY_115_961	961	115	112	131	143	25725	28
S.OWEGO_-NWAVERLY_115_962	962-2	115	111	131	143	25727	38
S.PERRY_-MEYER_115_934	934	115	82	96	104	26194	26
S.PERRY_-MEYER_230_87	87	230	417	479	533	326586	16
S.RIPLEY-DUNKIRK_230_68	68	230	475	475	475	25045	41
S124_115A_115B_PS1	PS1	115	163	234	354	325930	135
S124_115A_115B_PS2	PS2	115	163	234	354	325931	135
S42_115_115_PS920	PS920	115	230	230	230	327073	15
S42_-S124_115_932	932	115	185	207	215	325827	134
S42_-S124_115_938	938	115	185	207	215	325972	134
SABICO_-FEURABSH_115_9	9	115	220	252	280	326028	33
SABICO_-LONGLANE_115_7	7	115	199	199	199	26501	7
SALAMANC_HOMER_HL_115_153	153	115	128	147	159	325763	31
SALAMANC_HOMER_HL_115_154	154	115	128	147	159	325764	34
SANBORN_-LOCKPORT_115_101	101	115	233	253	318	25267	77
SANBORN_-SHAWNERD_115_102	102	115	275	303	354	326179	83
SAND_BAR-PLATSBRG_115_PV20	PV20	115	210	245	258	25027	103
SANDCREK-LINE8TAP_115_8	8	115	116	120	145	326640	12
SANDCREK-STATE_CA_115_12	12	115	148	166	166	326636	52
SANDDOCK-NCHELSEA_115_SC	SC	115	183	248	279	26249	44

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
SAWYER__230_23_TB1	TB1	230	104	128	128	325047	51
SAWYER__230_23_TB2	TB2	230	104	128	128	325048	52
SAWYER__230_23_TB3	TB3	230	104	128	128	325049	49
SAWYER_-HUNTLEY_230_77	77	230	566	654	755	325043	210
SAWYER_-HUNTLEY_230_78	78	230	566	654	755	325044	209
SAWYER_-SUNY_BUF_230_79	79	230	566	654	710	325045	158
SAWYER_-SUNY_BUF_230_80	80	230	566	654	755	325046	158
SCHAGCKT-EASTOVER_115_10	10	115	186	214	237	327071	0
SCHAGCKT-MULBRYNM_115_3	3	115	186	214	237	327072	39
SCHODACK-GREENBSH_115_13	13	115	186	214	237	325804	95
SCHUYLER-PORTER__115_13	13	115	176	191	191	326142	40
SCOTAFIT-MASONCR_115_909	909	115	155	179	193	325702	9
SCRIBA_-FITZPTRK_345_FS-10	FS-10	345	1434	1434	1662	25076	208
SCRIBA_-VOLNEY__345_20	20	345	1200	1396	1686	25204	542
SCRIBA_-VOLNEY__345_21	21-SV	345	1670	1912	1912	25314	710
SEBATVIA-EBATAVIA_115_119	119	115	220	252	280	326098	29
SENECA_-GARDNVLB_230_71	71	230	241	241	241	25856	21
SENECA_-GARDNVLB_230_72	72	230	241	241	241	25857	21
SHALETON-CLVRBANK_115_141	141	115	88	101	108	325875	29
SHALETON-LAKEVIEU_115_141	141	115	88	101	108	325874	27
SHAWNERD-LOCKPORT_115_102	102	115	233	253	318	26052	75
SHAWNERD-LOCKPORT_115_103	103	115	174	181	199	26051	59
SHELBY76-SWEDEN__115_111	111	115	221	256	287	326393	15
SHENDOAH-EFISHKIL_115_EF	EF	115	198	230	260	26251	39
SHERILPL-YAHNUNDA_115_6	6	115	116	120	135	326740	5
SHERMAN_-SPIERFLS_115_17	17-SS	115	116	120	145	26148	46
SHERMCRK-ACADEMY__138_331	331	138	313	406	524	325755	150
SHERMCRK-ACADEMY__138_332	332	138	313	406	524	325754	150
SHERMCRK-E179THST_138_15031	15031	138	162	220	360	25156	130
SHERMCRK-E179THST_138_15032	15032	138	162	220	360	25157	128
SHOEMAKR_138_69_BK 711	BK 711	138	212	281	319	26694	91
SHOEMAKR_138_69_BK 811	BK 811	138	193	225	253	326024	114
SHOEMAKR-CHESTROR_138_27	27	69	236	270	295	26466	83
SHOR_NPX-SHOREHAM_138_CSC	NPX_CSC	138	353	353	353	325153	329
SHORE_RD_345_138_BK 1	BK 1	345	428	534	641	25439	303
SHORE_RD_345_138_BK 2	BK 2	345	439	534	641	25440	283
SHORE_RD-GLENWOOD_138_365	365	138	289	318	369	25205	109
SHORE_RD-GLENWOOD_138_366	366	138	468	528	636	25154	36
SHORE_RD-LAKSUCSS_138_367	367	138	238	413	545	25145	219
SHORE_RD-LAKSUCSS_138_368	368	138	239	414	547	25150	219

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
SHOREHAM-MILLERPL_138_879	879	138	394	479	566	25117	33
SHOREHAM-WILDWOOD_138_863	863	138	442	490	597	25115	176
SHOREHAM-WILDWOOD_138_867	867	138	395	481	567	25114	173
SIDNEYRR-DELHI__115_949	949	115	80	110	120	326184	39
SLEIGHT_115_34_BK 1	BK 1	115	35	43	67	70523	20
SLEIGHT_115_34_BK 2	BK 2	115	35	43	67	70524	22
SLEIGHT_-CLYDE__115_3-971	971(3)	115	129	143	143	26686	19
SMAHWAH_345_138_BK 258	258	345	441	516	559	25393	153
SMAHWAH_-RAMAPO__345_69	69	345	1226	1737	2268	25021	136
SMAHWAH_-RAMAPO__345_70	70	345	1720	1890	2398	25259	89
SMITHBRD-WEIBELAV_115_2	2	115	232	241	291	325903	16
SMITHBRD-WEIBELAV_115_302	302	115	220	253	280	325904	19
SMITHFLD-SALISBRY_69_690/FV	690	69	31	31	31	25619	2
SODEMNRD-LASHERRD_115_2	1	115	402	467	478	327085	63
SODEMNRD-TAPBROOK_115_2	2	115	443	512	574	326827	160
SODEMNRD-TAPBROOK_115_302	302	115	443	512	574	326825	48
SORELHIL-ANHRBUSH_115_9	9	115	192	221	245	326802	88
SORELHIL-BELMONT_115_13	13	115	187	191	191	326800	49
SOUTHDOW-CARRSCRN_115_153	153	115	128	147	159	326162	25
SOUTHDOW-CARRSCRN_115_154	154	115	128	147	159	326164	16
SOUTHWOD-PEBLHILL_115_19	19	115	187	213	236	327231	98
SPENCPRT-STA_113_115_947	947	115	113	123	135	326080	65
SPIERFLS-BUTLER__115_4	4-SFB	115	105	114	134	26136	36
SPIERFLS-CURTPALM_115_9	9	115	105	114	134	326145	1
SPIERFLS-MOHICAN_115_7	7	115	116	120	145	26435	30
SPIERFLS-QUENSRY_115_5	5-SFQ	115	116	120	145	26141	57
SPIERFLS-TAPBROOK_115_2	2	115	232	241	291	25874	13
SPIERFLS-TAPBROOK_115_302	302	115	182	197	248	25873	11
SPRINGVL-ARCADE__115_151	151	115	129	148	160	326167	1
SPRINGVL-MACHIAS_115_152	152	115	129	139	139	326171	8
SPRNBK_345_138_BK N7	BK N7	345	284	397	417	25628	207
SPRNBK_345_138_BK S6	BK S6	345	284	397	417	25625	229
SPRNBK_-ACADEMY_345_M29	M29	345	474	719	1351	325756	301
SPRNBK_-DUNWODIE_138_99942	99942	138	330	402	464	25246	207
SPRNBK_-DUNWODIE_345_W75	W75	345	2331	2658	3202	25071	229
SPRNBK_-DUNWOODN_138_99941	99941	138	330	444	465	25245	228
SPRNBK_-EGRDNCTR_345_Y49	Y49	345	637	900	1329	25105	637
SPRNBK_-TREMONT_345_X28	X28	345	465	675	1182	25175	401
SPRNBK_-W49TH_ST_345_M51	M51	345	790	940	1527	25053	582
SPRNBK_-W49TH_ST_345_M52	M52	345	790	940	1527	25223	582

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
STA_1185-STA_180_-115_907	907	115	61	81	108	326235	24
STA_128_-STA_82__115_906	906	115	129	129	129	26303	10
STA_133_-STA_1185_115_933	933	115	117	129	149	326161	58
STA_135_-STA_230__115_929	929	115	226	249	269	325839	57
STA_158_-STA_128__115_924	924	115	129	147	155	26654	8
STA_162_-S.PERRY_115_906- 7X	906-7X	115	111	131	143	25062	13
STA_162_-STA_1185_115_907	907	115	96	127	169	325254	33
STA_162_-STA_158__115_924	924	115	129	147	155	26653	20
STA_204__115_34_BK 1	BK 1	115	56	67	112	70539	27
STA_204__115_34_BK 2	BK 2	115	56	67	112	70540	33
STA_204_-S124____115_911	911	115	218	228	261	26307	134
STA_23_-STA_262__115_944	944	115	400	538	640	70028	8
STA_23_-S42____115_920	920	115	211	237	243	70027	15
STA_23_-STA_255R_115_941	941	115	300	538	637	327242	82
STA_230_-QUAKERRD_115_929	929	115	226	249	269	325840	45
STA_251_-MORTIMER_115_901	901	115	182	197	240	25097	55
STA_251_-STA_33__115_942	942	115	193	213	241	326100	39
STA_251_-STA_33__115_943	943	115	193	213	241	326101	58
STA_255_345_115_1TRANS	1TRANS	345	493	605	672	327207	99
STA_255_345_115_2TRANS	2TRANS	345	493	605	672	327208	99
STA_255_-ROCHESTR_345_40	40	345	1309	1506	1697	327209	190
STA_255_-ROCHESTR_345_HR1	HR1	345	1301	1488	1685	327243	118
STA_255_-ROCHESTR_345_HR2	HR2	345	1301	1488	1685	327244	118
STA_255R-STA_418__115_940	940	115	300	564	637	327241	115
STA_262_-STA_33__115_943	943	115	400	640	640	326414	13
STA_33__115_34_BK10	BK 1_2	115	75	90	132	70541	45
STA_33__115_34_BK8	BK 8	115	85	95	125	325836	45
STA_37_-STA_48__115_926	926	115	275	305	355	26314	81
STA_37_-STA_67__115_926	926	115	250	280	300	26313	120
STA_418_-STA_113__115_947	947	115	129	147	159	326069	82
STA_56_-QUAKERRD_115_23	23	115	145	151	153	26288	83
STA_56_-STA_82__115_23	23	115	145	151	185	26287	38
STA_67_-ROCHESRG_115_922	922	115	311	364	376	26321	124
STA_67_-STA_418__115_910	910	115	227	251	285	326048	7
STA_67_-STA_82__115_903	903	115	311	364	384	26322	59
STA_69_-STA_71__115_945	945	115	103	121	141	326238	3
STA_69_-STA_93__115_917	917	115	125	143	155	326237	25
STA_7_-STA_48__115_919	919	115	226	249	269	26302	49
STA_7_-STA_48__115_927	927	115	253	292	309	326039	52
STA_7_-STA_93__115_917	917	115	117	127	147	26301	37

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
STA_70_-SPENCPR115_947	947	115	113	123	135	326343	57
STA_71_-STA_70__115_946	946	115	113	123	135	326342	19
STA_82_-MORTIMER_115_7X8272	7X8272	115	258	358	410	25098	116
STA_82_-ROCHESRG_115_904	904	115	506	584	618	25081	191
STA_82_-ROCHESRG_115_905	905	115	506	584	618	26305	176
STA_82_-STA_251__115_902	902	115	175	211	239	70058	39
STA_82_-STA_48__115_916	916	115	422	504	532	326055	94
STA_89_-STA_56__115_25	25	115	114	123	142	327090	79
STATE_CA-PATRTAP__115_15	15	115	160	176	224	26494	43
STATE_ST-WRGHTAVE_115_976	976	115	185	221	239	26200	107
STERLING_138_69_BK 3	BK 3	138	215	256	293	26524	138
STERLING-RULAND__138_663	663	138	215	256	293	26498	138
STILWATR-MULBRYNM_115_3	3	115	254	294	333	327460	39
STJHNVLE-MARSHVLE_115_11	11	115	159	159	159	26127	32
STLAWRNC_230A_230C_PS 33	PS 33	230	240	259	334	25118	0
STLAWRNC_230B_230D_PS 34	PS 34	230	300	336	466	25119	0
STLAWRNC-MOSES__230_L33P	L33P	240	299	411	446	25026	0
STLAWRNC-MOSES__230_L34P	L34P	240	317	411	446	25037	0
STOLLERD_345_115_BK 3	BK 3	345	316	378	420	25461	136
STOLLERD_345_115_BK 4	BK 4	345	323	391	420	25462	138
STOLLERD-HISHELDN_230_67	67	230	417	479	533	25064	26
STONBROK-PORTJEFF_69_877	877	69	100	120	130	326336	77
STONCREK-WETHSRFD_230_83	83	230	417	479	533	325973	5
STONER_-VAILMILL_115_12	12	115	84	84	84	25680	3
STONYRDG_230_115_BK1	BK1	230	247	336	336	325811	70
STONYRDG-HILLSIDE_230_72	72	230	498	574	653	325810	76
STURGNPL_115_69_BK8	TR 8	115	86	116	135	326293	20
STURGNPL-OHIOVLE_115_OR	OR	115	182	193	193	326294	25
SUGARISL-COLTON__115_4	4	115	182	197	248	26084	11
SUGRLOAF_345_138_BK1112	BK1112	345	425	451	475	326220	192
SUGRLOAF_69_138_BK 6108	BK 6108	138	161	176	185	26333	64
SUGRLOAF_69_138_BK 7108	BK 7108	138	192	226	253	25891	72
SUGRLOAF-STRLFRST_138_261	261	138	236	270	285	25326	110
SULLVNP-K-STONYRDG_115_712	712	115	235	272	313	325809	70
SUMMIT97-BUFALO78_115_130	129	115	239	298	298	326292	82
SUMMIT97-WALCK_RD_115_129	129	115	239	298	298	326289	49
SUNY_BUF-GARDNVLB_230_79	79-1	230	566	654	699	25165	149
SUNY_BUF-GARDNVLB_230_80	80-1	230	566	654	722	25196	144
SWAGRTWN-ROTTRDAM_115_1	1	115	418	478	478	26429	162
SWANROAD-LOCKPORT_115_104	104	115	168	181	199	26050	0

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
SWANROAD-SHAWNERD_115_103	103	115	168	181	206	326181	67
SWEDEN_-BROCKP74_115_111	111	115	129	136	153	326130	36
SWEDEN_-BROCKP74_115_113	113	115	143	165	180	326132	29
SWEDEN_-MORTIMER_115_111	111	115	129	149	153	25347	21
SWEDEN_-MORTIMER_115_113	113	115	129	149	153	25348	24
SWEDEN_-SHELBY76_115_113	113	115	143	165	180	326131	12
SWETH224-GETZVL60_115_36	36	115	174	181	226	326365	19
SWETH224-GETZVL60_115_37	37	115	174	181	226	326366	19
SYCAWAY_-REYNOLDS_115_16	16-NR	115	186	214	237	327373	68
SYCAWAY_-WYNTKLMN_115_14-988	14-NW	115	186	214	237	327374	66
SYLVANLK-PAWLING_115_990	990	115	203	227	239	26156	114
SYOSSET_138_69_BK 5	BK 5	138	227	263	302	26565	102
SYOSSET_-LOCUSTGR_138_559	559	138	388	473	558	25904	77
TALLMAN_-MONSEY_138_602	602	138	425	451	475	325609	133
TAPBLSTN-SWAGRTWN_115_44	302	115	220	252	280	327088	161
TAYLORVL-BREMEN_115_6	6	115	102	120	142	26070	51
TAYLORVL-LOWVILLE_115_5	5-TL	115	102	114	134	26107	55
TEALLAVE-ASH_115_7-TA	7-TA	115	120	148	148	26063	46
TEALLAVE-ASH_115_8-AT	8-AT	115	120	148	148	26117	46
TEALLAVE-CROUSEHD_115_13	13	115	202	219	239	326066	14
TEALLAVE-PETERBOR_115_5	5	115	116	120	145	325164	41
TEALLAVE-SALCARBM_115_6	6	115	187	213	236	26154	45
TELGRAPH_115_34_114_BK 2	BK 2	115	52	63	63	26509	19
TELGRAPH_115_34_115_BK 1	BK 1	115	52	63	63	26013	19
TELGRAPH-AKRONVIL_115_107	107	115	179	179	179	26508	25
TELGRAPH-SHELBY76_115_114	114	115	143	165	180	25349	7
TEMPLE_-PEAT ST_115_10	10-TP	115	119	152	179	26715	44
TERMINAL-PORTER_115_6	6	115	200	208	265	326140	46
TERMINAL-SCHUYLER_115_7	7	115	116	120	145	326141	12
TICONDRG-REPUBLIC_115_914(2)	914(2)	115	62	62	62	26470	18
TILDEN_-SOUTHWOD_115_19	19	115	182	197	236	26092	82
TILYFSTR-CROTONFL_115_994	994	115	176	179	179	326413	24
TNWDA206-OAKWD232_115_36	36	115	262	281	296	326368	62
TNWDA206-OAKWD232_115_37	37	115	262	281	296	326371	63
TODDHILL-FISHKPLN_115_A	A	115	232	253	304	325157	58
TREMONT_138A_138B_BK 11	BK 11	138	243	279	312	25649	200
TREMONT_138C_138D_BK 12	BK 12	138	243	279	312	25650	200
TREMONT_345_138_BK 11	BK 11	345	245	299	339	25473	200
TREMONT_345_138_BK 12	BK 12	138	246	299	339	25474	200
TREMONT_-PARKCHTR_138_38X01	38X01	138	180	320	526	25120	100

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
TREMONT_-PARKCHTR_138_38X02	38X02	138	180	320	526	25121	100
TREMONT_-PARKCHTR_138_38X03	38X03	138	190	318	526	25122	99
TREMONT_-PARKCHTR_138_38X04	38X04	138	190	318	526	25123	101
TULLERHL-CLRKSCRN_115_1-716	1-716	115	128	147	159	26192	15
TULLYCTR-ROCK_CUT_115_18	18	115	220	238	238	326280	54
TURIN_RD-MADISON_115_3	3	115	116	120	145	327441	29
TURNSTON-ONEIDA__115_1	1-RO	115	129	157	192	327129	24
TWOMLCRK-BUFAL129_115_38	38	115	145	151	185	327229	50
TWOMLCRK-BUFAL129_115_39	39	115	145	151	185	327230	49
UNION_CH-BETHLMRD_115_UB	UB	115	143	164	178	326345	19
UNIONVAL-CROTONFL_115_991	991	115	215	227	239	326417	48
URBAN154-DALEROAD_115_39	39	115	174	181	226	326152	21
URBAN154-WALDENNG_115_38	38	115	174	181	226	326151	22
VAILMILL-CHURCH_S_115_12	12	115	113	113	113	327079	27
VALKIN_-FT_ORAN_115_15	15	115	186	214	237	325685	104
VALKIN_-SCHODACK_115_14	14	115	186	214	237	326937	85
VALLEY_-FAIRFIEL_115_12	12	115	116	120	145	325743	54
VALLYSTR_138A_138B_PAR	B_PAR	138	268	358	441	25607	100
VALLYSTR-BARRETT_138_291	291	138	188	278	335	25312	91
VALLYSTR-BARRETT_138_292	292	138	180	271	330	25313	103
VALLYSTR-EGRDNCTY_138_261	261	138	256	358	592	327260	83
VALLYSTR-EGRDNCTY_138_262	262	138	209	291	349	25244	133
VERNON__138A_138B_PAR R1	PAR R1	138	352	431	495	325712	0
VERNON_-GREENWD_138_31231	31231	138	174	226	247	25337	152
VERNON_-KENTAVE_138_31232	31232-1	138	174	226	247	26123	111
VERNON_-W49TH_ST_138_38M72	38M72	138	140	221	221	325122	86
VINEGRHL_138_27_TR1	TR1	138	213	277	365	327488	0
VINGR_TP-VINEGAR_115_917 TAP	917 TAP	115	125	152	193	26455	3
VOLNEY_-CLAY__345_6	6	345	1109	1344	1686	25198	966
VOLNEY_-MARCY__345_19	19	345	1434	1793	2032	25345	590
W.ASHVLE-BAKER_ST_115_160	160-2	115	200	217	260	327111	1
W.NYACK_138_69_BK 221	BK 221	138	212	281	319	26334	82
W.NYACK_-SNKEHLRD_138_562	562	138	212	267	281	325906	82
W_ERIAVE-HICKLING_115_935	935	115	136	163	185	325568	8
W_ERIAVE-SULLVNPk_115_711	711	115	245	272	313	325808	52
W49TH_ST-E13THSTA_345_M54	M54	345	753	986	1566	25228	265
W49TH_ST-E13THSTA_345_M55	M55	345	753	986	1566	25222	261
WADNGRIV-NSHORBCH_138_878	878	138	424	489	596	325642	23
WADNGRIV-SHOREHAM_138_891	891	138	394	479	566	25342	52
WALCK_RD-BUFALO78_115_133	133	115	239	298	298	26153	108

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
WALDEN_-WALDN_A2_115_BK 1	BK 1	115	38	39	42	25429	10
WALDENNG-CALSPAN__115_54-921	54-921	115	187	215	236	26024	12
WALDENNG-GARDNVLB_115_182	182	115	168	181	206	26015	51
WALDENNG-GARDNVLB_115_38	38	115	168	181	206	26039	13
WALDWICK_345_230_BK1	BK1	345	549	713	806	25479	24
WALDWICK_345_230_BK2	BK2	345	557	716	794	25480	24
WALDWICK_345_230_BK3	BK3	345	609	794	901	25481	24
WALDWICK-SMAHWAH_345_J3410	J3410	345	672	1043	1920	25032	17
WALDWICK-SMAHWAH_345_K3411	K3411	345	675	1041	1920	25039	89
WALESVIL-CAVANARD_115_7	7	115	116	120	145	325213	49
WALESVIL-PORTER__115_3	3	115	116	120	145	326705	62
WARNSBRG-SCOFLDRD_115_10	10	115	50	50	50	326148	42
WARREN_-FALCONER_115_171	171	115	116	120	140	25015	0
WATERSTR_138_27_T4	TR4	138	92	125	156	326573	0
WATKINRD-INGHAM_C_115_2	2-WI	115	116	120	145	25805	64
WATRCURE_345_230_BK 1	BK 1	345	426	520	600	25402	56
WATRCURE_345_230_BK 2	BK 2	345	439	539	599	327087	57
WATRCURE-OAKDALE__230_71	71	230	275	400	440	25179	10
WATRCURE-OAKDALE__345_31	31	345	1147	1147	1147	25178	176
WBALMVLE-MARLBORO_115_MW	MW	115	198	230	260	326090	18
WEST BUS-SILLSRD__138_873	873	138	494	541	620	325618	12
WESTMLTN-LASHERRD_115_302	302	115	402	467	478	327084	52
WESTMLTN-SODEMNRD_115_302	302	115	443	512	574	326824	48
WETHSRFD-S.PERRY__230_85	85	230	417	479	533	325623	16
WETZEL_-CLAY____115_7	7-CL	115	220	252	280	326207	9
WHAVSTOR_345_138_BK 194	BK 194	345	446	546	619	25447	257
WHAVSTOR-LOVETT__138_53	53	138	220	244	268	25884	3
WHAVSTOR-STONYPNT_138_542	542	138	236	270	285	326049	15
WHAVSTRW-WHAVSTOR_345_671	671	345	446	546	619	326216	257
WHEMPSTD-MALVERNE_69_353	353	69	45	56	59	325821	6
WHITAKER-S.OSWEGO_115_4	4	115	128	147	159	327190	70
WHITEHAL-COMSTKNM_115_13	13	115	116	120	145	25903	29
WHITEHAL-TICONDRG_115_3	3	115	116	120	145	26471	41
WHITMAN_-ONEIDA__115_8	8	115	146	157	159	25894	30
WICCOPEE-SHENDOAH_115_FS	FS	115	194	214	240	325773	32
WILDWOOD_138_69_BK 4	BK 4	138	227	263	302	26550	40
WILDWOOD-RIVRHEAD_138_890	890	138	294	324	375	25905	126
WILLET_-ENORWICH_115_945	945-1	115	127	147	155	25732	44
WILLIS__230_115_AT1	BK 1	230	145	179	209	25388	20
WILLIS__230_115_AT2	BK 2	230	145	179	209	25390	21

Equipment Name	ID	KV	NORM	LTE	STE	PTID	Flow
WILLIS_-CHAT_TAP_115_1(911)	1(911)	115	135	159	175	26204	5
WILLIS_-PATNODE_230_WPN-1	WPN-1	230	434	500	532	325565	32
WILLIS_-RYAN_230_WRY-2	WRY-2	230	396	459	524	325566	36
WILLWBRK-FRESHKLS_138_29211	29211-2	138	182	262	439	25319	103
WILLWBRK-FRESHKLS_138_29212	29212-2	138	182	262	439	25320	114
WOLF_RD_-EVERETRD_115_10	10	115	116	120	145	26255	79
WOOD_ST_345_115_BK 1	BK 1	345	302	354	420	25437	130
WOOD_ST_345_115_BK 2	BK 2	345	311	368	420	25438	94
WOOD_ST_-MILLWOOD_345_W80	W80	345	1720	2215	2657	25148	956
WOOD_ST_-MILLWOOD_345_W81	W81	345	1720	2215	2657	25525	1030
WOOD_ST_-PLSNTVLE_345_Y86	Y86	345	1839	2520	3056	25358	1090
WOOD_ST_-PLSNTVLE_345_Y87	Y87	345	1775	1977	2265	25132	1046
WOODLAWN-RUTHROAD_115_12	12	115	182	197	237	26490	38
WOODMERE-VALLYSTR_69_261	261	69	89	112	118	325285	39
WOODSTNY-AMAWALK_115_996	996	115	215	247	275	25574	71
WOODSTNY-KATONAH_115_901	901	115	231	249	270	326481	48
WRGHTAVE-MILLIKEN_115_973	973	115	185	221	249	26195	56
WTRVLARS-GERENSLR_115_31	31	115	128	147	159	26423	82
WWDBURNY_115_69_BK 1	BK 1	115	48	50	50	25404	19
WYNTKLMN-REYNOLDS_115_13-988	13-WR	115	186	214	237	26143	87
WYNTKLMN-WYNTKLNY_115_BK 2	BK2	115	56	57	60	26489	21
YAHNUNDA-DEBALSO_115_3	3	115	125	143	154	26515	59
YAWGERRD-RIDGE_RD_115_963	963	115	217	227	262	326312	40
YOUNG214-HUNTLEY_115_133	133	115	168	181	206	26042	76
YOUNG214-SWETH224_115_36	36	115	174	181	226	326364	10

Appendix E – INTERFACE DEFINITIONS

NYISO OPERATING INTERFACES & OASIS TRANSMISSION PATHS

DYSINGER EAST		
West (Zone A) – Genesee (Zone B)		
Name	Line ID	Voltage (kV)
*Dysinger-Station 255 (Henrietta)	DH1	345
*Dysinger-Station 255 (Henrietta)	DH2	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-Gordon Rd.*	14	345
Marcy-New Scotland*	18	345
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-Gordon Rd.*	14	345
Marcy-New Scotland*	18	345
*Fraser-Gilboa	GF5-35	345
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-ISONE		
North (Zone D) – ISONE (Zone N)		
Name	Line ID	Voltage (kV)
*Plattsburgh-Sand Bar	PV20	115
Capital (Zone F) – ISONE (Zone N)		
*Alps-Berkshire	393	345
Eastover-Bear Swamp*	E205W	230
*Hoosick –Bennington	K6	115
*Whitehall-Blissville	K7	115
Hudson Valley (Zone G) – ISONE (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-Homer City	47	345
*Homer City-Mainesburg	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-Homer City	48	345
*Homer City-Pierce Brook	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)		
*Closter-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		
West (Zone A) – Ontario South (Zone O)		
Name	Line ID	Voltage (kV)
*Niagara-Beck	PA301	345
*Niagara-Beck	PA302	345
*Niagara-Beck	PA27	230
Packard-Beck*	BP76	230
West (Zone A) – PJM West		
Five Mile Road-Pierce Brook*	37	345
*Pierce Brook-Homer City	48	345
*Homer City-Pierce Brook	48	345
* South Ripley-Erie East	69	230
Falconer-Warren*	171	115
West (Zone A) – Genesee (Zone B)		
*Dysinger-Station 255 (Henrietta)	DH1	345
*Dysinger-Station 255 (Henrietta)	DH2	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

West Central		
Genesee (Zone B) – Central (Zone C)		
Name	Line ID	Voltage (kV)
Pannell Rd-Clay*	PC1	345
Pannell Rd-Clay*	PC2	345
*Quaker-Macedon	930	115
*Mortimer-Hook Rd- Elbridge	1/7	115
*Mortimer-Elbridge	2	115
*Pannell-Farmington	4	115
*Quaker-Sleigh Rd	13	115
*St. 162 - S. Perry	906	115
Hook Rd (RGE-NGRID)	TB#3	34.5/115
Clyde	TR1	34.5/115
(Farmington 34.5/115kV)	#7	34.5/115
(Farmington 34.5/115kV&12/115 kV)	#4	34.5/115 & 12/115
West (Zone A) – Central (Zone C)		
*Stolle Road-High Sheldon	67	230
*Andover-Palmiter	157-932	115

* indicates the metered end of the circuit

UPNY-SENY		
Mohawk Valley (Zone E) – Hudson Valley (Zone G)		
Name	Line ID	Voltage (kV)
Middletown-Rock Tavern*	CCRT34	345
Coopers Corners-Dolson Ave.*	CCDA42	345
Middletown 345*/138	BK114	345/138
West Woodbourne 115/69*	BK1	115/69
Capital (Zone F) – Hudson Valley (Zone G)		
*Athens-Pleasant Valley	91	345
*Leeds-Pleasant Valley	92	345
*Leeds-Hurley Ave.	301	345
Hudson-Pleasant Valley*	12	115
Blue Stores-Pleasant Valley*	13-987	115
Blue Stores-Pleasant Valley*	8	115
*Feura Bush-North Catskill	2	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 – COMPARSION OF TRANSFER LIMITS SUMMER 2022 VS. 2021

		SUMMER 2022		SUMMER 2021		
Interface		Limit (MW)	Contingency	Limit (MW)	Contingency	Delta
Dysinger East	Normal	1525	1	1050	1	475
	Emergency	2675	2	1725	3	950
West Central Reverse	Normal	1900	4	N/A	N/A	N/A
	Emergency	2275	5	N/A	N/A	N/A
UPNY - SENY	Normal	4550	6	4550	7	0
	Emergency	5050	9	5175	9	-125
UPNY - ConEd	Normal	6975	8	6850	7	125
	Emergency	7525	9	7525	9	0
Sprain Brook Dunwoodie-South	Normal	4075	10	4100	10	-25
	Emergency	4150	11	4200	11	-50
Con Ed - LIPA	Normal	925	12	900	12	25
	Emergency	1525	13	1525	13	0
Central East	MSC-7040 FLOW	HQ -> NY	1600 MW	HQ -> NY	1600 MW	
	Normal	2225	14	2475	15	-250
	Emergency	2475	16	2650	16	-175
	MSC-7040 FLOW	HQ -> NY	1310 MW	HQ -> NY	1310 MW	
	Normal	2225	14	2475	15	-250
	Emergency	2475	16	2650	16	-175
	MSC-7040 FLOW	HQ -> NY	800 MW	HQ -> NY	800 MW	
	Normal	2225	14	2475	15	-250
	Emergency	2425	16	2650	16	-225
Total East ¹	MSC-7040 FLOW	HQ -> NY	1600 MW	HQ -> NY	1600 MW	
	Normal	3175	17	3175	18	0
	Emergency	3700	19	3650	19	50
	MSC-7040 FLOW	HQ -> NY	1310 MW	HQ -> NY	1310 MW	
	Normal	3175	17	3175	18	0
	Emergency	3700	19	3650	19	50
	MSC-7040 FLOW	HQ -> NY	800 MW	HQ -> NY	800 MW	
	Normal	3100	17	3150	18	-50
	Emergency	3650	19	3625	19	25
Moses - South	MSC-7040 FLOW	HQ -> NY	1600 MW	HQ -> NY	1600 MW	
	Normal	2275	20	2275	20	0
	Emergency	2675	22	2700	21	-25
	MSC-7040 FLOW	HQ -> NY	1310 MW	HQ -> NY	1310 MW	
	Normal	2075	20	2050	20	25
	Emergency	2550	22	2550	23	0
	MSC-7040 FLOW	HQ -> NY	800 MW	HQ -> NY	800 MW	
	Normal	1725	20	1600	24	125
	Emergency	2250	22	1800	25	450

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

NYISO SUMMER 2022 CROSS-STATE THERMAL LIMIT CONTINGENCY LIST

	Limiting Element	Rating	Contingency	
(1)	Niagara – Packard (61) 230 kV	@STE 846 MW	L/O	Niagara – Packard (62) 230 kV Beck – Packard (BP76) 230 kV
(2)	Hinman – Harrison Rd. (908) 115 kV	@STE 306 MW	L/O	Robinson Rd. – Stolle Rd. (65) 230 kV
(3)	Walck Rd - Huntley (133) 115 kV	@STE 206 MW	L/O	Packard – Huntley (130) 115 kV
(4)	Belmont – Woodard (4) 115 kV	@STE 195 MW	L/O	Dewitt – Lafayette (22) 345 kV Elbridge – Lafayette (17-LE) 345 kV Oswego – Elbridge (17) 345 kV Elbridge 345/115 kV transformer (BK1)
(5)	Pannell – Sta. 56 (24) 115 kV	@NORM 129 MW		Pre-Contingency Loading
(6)	Dolson Ave – Rock Tavern (DART44) 345 kV	@LTE 1852 MW	L/O	Middletown TAP – Rock Tavern (CCRT34) 345 kV Coopers Corners – Middletown TAP (CCRT34) 345 kV Roseton – Rock Tavern (311) 345 kV Middletown 345/138 kV Transformer
(7)	Leeds – Pleasant Valley (92) 345 kV	@LTE 1538 MW	L/O	Athens – Pleasant Valley (91) 345 kV
(8)	Roseton – East Fishkill (RFK305)	@LTE 2666 MW	L/O	Ladentown – Buchanan (Y88) 345 kV Ramapo – Buchanan (Y94) 345 kV Buchanan 345/138 kV Transformer (BKTA5)
(9)	Coopers Corners – Middletown TAP (CCRT34) 345 kV	@STE 1793 MW	L/O	Dolson Ave – Rock Tavern (DART44) 345 kV
(10)	Dunwoodie – Mott Haven (71) 345 kV	@MTE 1066 MW	L/O	Dunwoodie – Mott Haven (72) 345 kV Mott Haven 345/138 kV Transformer TR9
(11)	Dunwoodie – Mott Haven (71) 345 kV	@NORM 707 MW		Pre-Contingency Loading
(12)	Dunwoodie – Shore Rd. (Y50) 345 kV	@LTE 916 MW	L/O	Sprain Brook – E.G.C. (Y49) 345 kV Sprain Brook – Academy (M29) 345 kV
(13)	Dunwoodie – Shore Rd. (Y50) 345 kV	@NORM 656 MW		Pre-Contingency Loading
(14)	Marcy – New Scotland (18) 345 kV	@LTE 1650 MW	L/O	Marcy – Coopers Corners (UCC2-41) 345 kV (Series Capacitor) Edic – Fraser (EF24-40) 345 kV (Series Capacitor)
(15)	Porter – Rotterdam (31) 230 kV	@LTE 505 MW	L/O	Marcy – Fraser Annex (UCC2-41) 345 kV (Series Capacitor) Edic – Fraser (EF24-40) 345 kV (Series Capacitor)
(16)	Fraser – Coopers Corners (33) 345 kV	@STE 1793 MW	L/O	Marcy – Fraser Annex (UCC2-41) 345 kV (Series Capacitor)
(17)	Roseton – East Fishkill (RFK305)	@LTE 2666 MW	L/O	Ladentown – Buchanan (Y88) 345 kV Ramapo – Buchanan (Y94) 345 kV Buchanan 345/138 kV Transformer (BKTA5)
(18)	Dolson Ave – Rock Tavern (DART44) 345 kV	@LTE 1852 MW	L/O	Rock Tavern – Middletown TAP (CCRT34) 345 kV

				Coopers Corners – Middletown TAP (CCRT34) 345 kV Roseton – Rock Tavern (311) 345 kV Middletown 345/138 kV Transformer
(19)	Coopers Corners – Middletown TAP (CCRT34) 345 kV	@STE 1793 MW	L/O	Dolson Ave – Rock Tavern (DART44) 345 kV
(20)	Moses – Adirondack (MA1) 230 kV	@LTE 386 MW	L/O	Chateauguay – Massena (MSC-7040) 765 kV Massena – Marcy (MSU1) 765 kV and TransÉnergie delivery
(21)	Browns Falls – Higley (1) 115 kV	@STE 135 MW	L/O	Flat Rock – Browns Falls (2) 115 kV
(22)	Flat Rock – Browns Falls (2) 115 kV	@STE 142 MW	L/O	Browns Falls – Higley (1) 115 kV
(23)	Flat Rock – Browns Falls (2) 115 kV	@STE 135 MW	L/O	Browns Falls – Higley (1) 115 kV
(24)	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
(25)	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	DYSINGER-ST255	STOLLE-HIGHSHELDON	LOCKPT-SHEL	LOCKPT-SOUR
DYSINGER	345	STATION	255	345 1	-110.25	31.20%	TRIP	18.81%	18.34%	20.21%
DYSINGER	345	STATION	255	345 2	-117.06	32.60%	67.28%	19.65%	19.16%	21.11%
STOLE230	230	SHLDN230		230 1	-25.67	11.07%	4.54%	TRIP	6.23%	6.86%
PALMT115	115	ANDOVER1		115 1	-4.56	1.48%	0.86%	9.96%	0.70%	0.77%
LOCKPORT	115	SHEL-113		115 1	20.28	2.32%	2.36%	3.33%	TRIP	14.42%
LOCKPORT	115	NAKR-108		115 1	29.04	0.86%	0.87%	1.23%	3.38%	3.66%
LOCKPORT	115	OAKFLDTP		115 1	29.30	0.96%	0.98%	1.37%	3.79%	4.09%
LOCKPORT	115	SOUR-111		115 1	15.24	2.36%	2.40%	3.38%	13.30%	TRIP
LOCKPORT	115	TEL RD107		115 1	44.71	1.10%	1.12%	1.57%	5.98%	5.86%
LOCKPORT	115	TEL RD114		115 1	26.51	2.32%	2.36%	3.32%	18.09%	10.87%
SUB-TOTALS						86.27%	82.76%	62.61%	88.97%	87.85%
L33P-L34P					-0.35	0.00%	6.30%	8.64%	3.94%	4.34%
PJM-NYISO					582.94	13.73%	10.85%	28.65%	7.03%	7.74%
TOTALS						100.00%	99.90%	99.90%	99.94%	99.93%

Table-2 DISTRIBUTION FACTORS FOR WEST CENTRAL CIRCUITS										
Monitored Element				Base Flow	TRANSFER	PANNEL-CLAY (1)	PANNEL-CLAY (2)	STOLLE-SHLDN	PANNEL-FARM	S121-SLEGH
PANNELL3	345	CLAY	345 1	-670.72	30.86%	TRIP	54.98%	8.48%	19.87%	19.33%
PANNELL3	345	CLAY	345 2	-672.90	30.96%	55.06%	TRIP	8.51%	19.93%	19.39%
STOLE230	230	SHLDN230	230 1	-25.67	11.07%	2.88%	2.88%	TRIP	7.59%	2.23%
ANDOVER1	115	PALMT115	115 1	-4.56	1.48%	0.53%	0.53%	9.96%	2.36%	0.58%
MORTIMER	115	LAWLER-1	115 1	37.63	2.57%	2.56%	2.56%	0.85%	14.14%	4.15%
MORTIMER	115	LAWLER-2	115 1	-0.01	2.66%	2.81%	2.81%	0.77%	5.80%	4.68%
PANNELLI	115	FRMGTN-4	115 1	80.53	3.59%	6.17%	6.18%	6.95%	TRIP	16.71%
QUAKER	115	MACDN115	115 1	24.96	0.34%	0.48%	0.48%	0.30%	3.27%	18.72%
S121 B#2	115	SLEIG115	115 1	23.32	2.81%	3.85%	3.86%	1.31%	10.71%	TRIP
STA 162	115	S.PER115	115 1	13.31	-0.06%	2.14%	2.15%	25.49%	4.30%	2.21%
SUB-TOTALS					86.27%	76.47%	76.43%	62.61%	87.97%	87.99%
L33P-L34P				-0.34	0.00%	9.02%	9.04%	8.64%	2.87%	4.02%
PJM-NYISO				582.94	13.73%	14.36%	14.38%	28.65%	9.13%	7.93%
TOTALS					100.00%	99.85%	99.86%	99.89%	99.98%	99.94%

Table-3 DISTRIBUTION FACTORS FOR TOTAL EAST CIRCUITS

Monitored Element				Base Flow	TRANSFER	EDIC34-GORDON	FRASER-GILBA	MARCY3-NSCOT	WALD-SMAWA	HOPATCONG-RAMPO	LINDEN-GOETH
COOPC345	345 DOLSON_AVE	345 2		523.33	19.90%	8.82%	18.81%	9.44%	0.49%	5.85%	1.84%
EDIC	345 GORDONRD	345 1		669.68	18.36%	TRIP	19.43%	31.60%	0.26%	3.35%	3.23%
FRASR345	345 GILB 345	345 1		53.24	18.82%	24.72%	TRIP	27.78%	0.30%	4.03%	4.88%
MARCY T1	345 N.SCOT99	345 1		680.39	20.34%	33.60%	23.22%	TRIP	0.29%	3.79%	3.64%
MDTN TAP	345 ROCK TAV	345 1		498.80	17.82%	8.31%	17.59%	8.91%	0.57%	5.00%	2.10%
WALDWICK	345 SMAHWAH1	345 1		16.53	-0.16%	2.22%	1.95%	2.37%	91.85%	27.34%	20.54%
WALDWICK	345 SMAHWAH2	345 1		-89.90	0.16%	2.19%	2.02%	2.33%	TRIP	26.80%	19.71%
MDTN TAP	345 SHOEMTAP	138 1		296.64	2.90%	0.71%	1.73%	0.76%	-0.11%	1.19%	-0.34%
SMAHWAH1	345 SMAH138	138 1		-152.91	0.47%	-0.04%	0.11%	-0.04%	-3.50%	-0.66%	-1.10%
HCOR138	138 CORPORATE DR	138 1		-61.81	0.00%	0.00%	0.00%	0.00%	0.05%	0.02%	0.01%
SMAH138	138 RAMP138	138 1		-95.19	-0.30%	0.03%	-0.06%	0.03%	2.80%	0.64%	0.76%
E.SPR115	115 INGHAM-E	115 1		-25.00	1.22%	0.71%	2.25%	0.04%	0.02%	0.21%	0.20%
INGMS-CD	115 INGHAM-E	115 1		119.92	0.00%	6.88%	1.76%	4.69%	0.04%	0.51%	0.48%
NE_PV20_NY	115 CUMBERLAND	115 1		103.17	0.00%	3.61%	2.12%	3.43%	0.07%	0.88%	0.84%
W.WDB115	115 W.WDBR69	69.0 1		18.64	0.64%	0.61%	1.13%	0.62%	0.01%	0.10%	0.18%
CLOSTER	69.0 SPARKILL	69.0 1		-3.03	0.04%	0.01%	0.03%	0.02%	0.04%	0.00%	0.05%
HCOR69	69.0 WNYA69	69.0 1		-14.37	0.09%	0.03%	0.05%	0.03%	0.08%	0.00%	0.09%
MONTVALE	69.0 BLUHILL	69.0 1		2.23	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MONTVALE	69.0 BLUHILL	69.0 2		2.23	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MONTVALE	69.0 L491T	69.0 1		-33.36	0.06%	0.02%	0.04%	0.02%	0.12%	0.02%	0.08%
SMAH69	69.0 HILB69	69.0 1		-36.12	-0.37%	-0.06%	-0.17%	-0.06%	0.42%	-0.02%	0.12%
HCOR34	34.5 PEARL34	34.5 1		-2.64	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%
SUB-TOTALS					100.00%	92.38%	92.01%	91.97%	93.78%	79.04%	57.30%
RAMAPO 5	500 HOPATCONG	500 1		316.09	0.00%	3.99%	3.77%	4.24%	3.75%	TRIP	23.28%
NEPTCONV	345 NWBRG	345 1		375.53	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
COGNTECH	345 G22_VFT345KV	345 1		296.35	0.00%	0.78%	0.93%	0.83%	0.56%	4.76%	19.15%
B3402 PAR1	345 MARION	345 1		0.00	0.00%	O/S	O/S	O/S	O/S	O/S	O/S
C3403 PAR2	345 MARION	345 1		0.00	0.00%	O/S	O/S	O/S	O/S	O/S	O/S
GOETHALS	230 LINDEN	230 1		0.07	0.00%	2.62%	3.11%	2.77%	1.88%	15.85%	TRIP
TOTALS					100.00%	99.77%	99.81%	99.80%	99.97%	99.65%	99.73%

Table-4 DISTRIBUTION FACTORS FOR UPNY-CONED CIRCUITS											
Monitored Element				Base Flow	TRANSFER	LADNTW-BUCHS	PLVLly-E.FISHK	PLVLly-MILLW	RAMAPO-BUCHN	ROSETN-E.FISHK	LINDEN-GOETH
LADENTWN	345	BUCHANAN S	345 1	1145.83	18.10%	TRIP	-3.95%	20.08%	58.74%	29.43%	31.74%
PLTVLLEY	345	E FISHKILL	345 1	461.28	7.52%	-7.86%	TRIP	23.77%	-0.97%	32.72%	1.04%
PLTVLLEY	345	E FISHKILL	345 2	461.28	7.52%	-7.86%	65.84%	23.77%	-0.97%	32.72%	1.04%
PLTVLLEY	345	MILLWOOD	345 1	1029.48	15.34%	14.81%	8.80%	TRIP	4.45%	-10.06%	3.89%
PLTVLLEY	345	WOOD B	345 1	1057.31	15.17%	14.36%	9.20%	33.81%	4.42%	-9.67%	3.88%
RAMAPO	345	BUCHANAN N	345 1	952.84	16.03%	44.67%	-0.37%	4.59%	TRIP	16.54%	21.96%
ROSETON	345	E FISHKILL	345 1	1427.96	18.25%	28.93%	16.15%	-13.40%	21.37%	TRIP	14.02%
E FISH I	115	E FISHKILL	345 1	-67.09	1.27%	0.23%	2.47%	-0.13%	0.36%	4.11%	0.40%
E FISH I	115	E FISHKILL	345 2	0.00	0.00%	O/S	O/S	O/S	O/S	O/S	O/S
FISHKILL	115	SYLVN115	115 1	132.69	0.81%	0.59%	-0.08%	0.81%	0.34%	0.04%	0.29%
SUB TOTALS					100.00%	87.87%	98.07%	93.31%	87.75%	95.84%	78.24%
B3402 PAR1	345	MARION	345 1	0.00	0.00%	O/S	O/S	O/S	O/S	O/S	O/S
C3403 PAR2	345	MARION	345 1	0.00	0.00%	O/S	O/S	O/S	O/S	O/S	O/S
GOETHALS	230	LINDEN	230 1	0.07	0.00%	8.24%	0.14%	1.37%	7.50%	3.71%	TRIP
COGNTECH	345	G22_VFT345KV	345 1	296.35	0.00%	2.47%	0.04%	0.41%	2.25%	1.11%	19.15%
NRTHPT P	138	NRTHPT1	138 1	100.00	0.00%	1.42%	1.75%	4.91%	2.51%	-0.66%	2.61%
TOTALS					100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table-5 DISTRIBUTION FACTORS FOR SPRAINBROOK DUNWOODIE SOUTH CIRCUITS											
Monitored Element				Base Flow	TRANSFER	DUNWDE-RAINY	SPRAIN-W49TH	SPRAIN-TRMNT	LKSUC-JMAICA	VSTR-KMAICA	
REAC71	345	MOTT HAVEN	345 3	570.40	29.44%	TRIP	24.72%	6.08%	11.67%	12.08%	
REAC72	345	MOTT HAVEN	345 4	557.02	28.74%	57.23%	24.12%	5.93%	11.38%	11.78%	
REACM51	345	W 49 ST	345 1	582.70	20.91%	19.04%	TRIP	7.54%	10.30%	9.51%	
REACM52	345	W 49 ST	345 2	581.78	20.91%	19.04%	45.61%	7.54%	10.30%	9.51%	
SPRAINBROOK	345	ACADEMY	345 1	400.75	0.00%	0.38%	0.61%	TRIP	3.60%	3.46%	
SPRAINBROOK	345	TREMONT	345 1	300.81	0.00%	0.32%	0.52%	19.66%	3.05%	2.93%	
DUN NO1R	138	S CREEK W	138 1	114.76	0.00%	0.25%	0.21%	11.13%	1.74%	1.71%	
DUN NO2R	138	S CREEK E	138 1	114.90	0.00%	0.31%	0.26%	13.82%	2.16%	2.12%	
DUN SO1R	138	E179 ST W	138 1	179.81	0.00%	0.44%	0.38%	19.64%	3.07%	3.01%	
L SUCSPH	138	JAMAICA	138 1	199.67	0.00%	0.79%	0.91%	3.92%	TRIP	42.93%	
V STRM P	138	JAMAICA	138 1	99.92	0.00%	0.79%	0.80%	3.62%	41.24%	TRIP	
SUB-TOTALS					100.00%	98.56%	98.13%	98.88%	98.52%	99.04%	
B3402 PAR1	345	MARION	345 1	0.00	0.00%	O/S	O/S	O/S	O/S	O/S	
C3403 PAR2	345	MARION	345 1	0.00	0.00%	O/S	O/S	O/S	O/S	O/S	
GOETHALS	230	LINDEN	230 1	0.07	0.00%	1.10%	1.44%	0.87%	1.14%	0.74%	
COGNTECH	345	G22 VFT345KV	345 1	296.35	0.00%	0.33%	0.43%	0.26%	0.34%	0.22%	
TOTALS					100.00%	100.00%	100.00%	100.01%	100.00%	100.00%	

Table-6 DISTRIBUTION FACTORS FOR MOSES SOUTH CIRCUITS								
Monitored Element				Base Flow	TRANSFER	MASSEN-CHAT	MASSEN-MARCY	MOSES-ADRONB1
MASS 765	765 MARCY	765 1		1611.73	79.92%	66.38%	TRIP	67.83%
MOSES W	230 ADRON B1	230 1		159.79	12.77%	3.98%	25.93%	TRIP
MOSES W	230 ADRON B2	230 1		0.00	0.00%	O/S	O/S	O/S
ALCOA-NM	115 BRADY	115 1		16.08	1.16%	0.43%	2.28%	1.12%
ALLENS F	115 COLTON	115 1		9.39	1.66%	0.25%	1.89%	1.03%
DENNISON	115 ANDRWS-4	115 1		18.58	2.24%	0.83%	4.39%	2.16%
DENNISON	115 LWRNCE-B	115 1		17.53	2.24%	0.83%	4.39%	2.16%
SUB TOTALS					100.00%	72.71%	38.87%	74.29%
MOSES E	230 ST_LAWR_L33P	230 1		0.17	0.00%	11.53%	23.05%	9.71%
MOSES E	230 ST_LAWR_L34P	230 1		0.17	0.00%	11.93%	23.87%	10.05%
CUMBERLAND	115 NE_PV20_NY	115 1		103.17	0.00%	3.83%	14.20%	5.95%
TOTALS					100.00%	100.00%	100.00%	100.00%

Table-7 DISTRIBUTION FACTORS FOR NEISO NYISO CIRCUITS

Monitored Element				Base Flow	TRANSFER	ALPS34-BERK	CV.345-LNGMT	EASTOVER-BEARSWAMP
NE_393_NY	345	ALPS345	345 1	-157.00	32.41%	TRIP	36.67%	38.69%
NE_398_NY	345	CKTVLLEY	345 1	51.16	54.81%	48.04%	TRIP	25.59%
NE_E205W_NY	230	EASTOVER RD	230 1	105.56	8.85%	17.03%	8.60%	TRIP
NE_K7_NY	115	WHITEHAL	115 1	13.52	2.95%	7.98%	2.95%	18.34%
NE_K6_NY	115	HOOSICK	115 1	0.00	0.00%	8.81%	4.48%	7.75%
NE_PV20_NY	115	CUMBERLAND	115 1	-103.17	0.00%	7.04%	5.13%	3.50%
NE_690_NY	69.0	SMITHFLD	69.0 1	2.06	0.98%	1.01%	2.85%	0.58%
NE_601_NY	138	NRTHPT P	138 1	33.51	0.00%	3.13%	12.92%	1.71%
NE_602_NY	138	NRTHPT P	138 2	33.41	0.00%	3.12%	12.88%	1.70%
NE_603_NY	138	NRTHPT P	138 3	33.19	0.00%	3.10%	12.80%	1.69%
SHM DC	138	SHOREHAM2	138 1	329.48	0.00%	0.00%	0.00%	0.00%
TOTALS					100.00%	99.26%	99.28%	99.55%

Table-8 DISTRIBUTION FACTORS FOR ONTARIO NYISO CIRCUITS

Monitored Element		Base Flow	TRANSFER	BECK-NIAG301	BECK-NIAG302	PA27-NIAGAR	BP76-PACKD2	MOSE-STLAWL33	MOSE-STLAWL34
BECK_#2_H301	345 NIAG 345	345 1	11.86	33.36%	TRIP	55.70%	31.95%	34.06%	7.46%
BECK_#2_H302	345 NIAG 345	345 1	11.86	33.36%	55.70%	TRIP	31.95%	34.06%	7.46%
BECK_#2_BP76	230 PACKARD2	230 1	21.84	15.86%	16.83%	16.83%	TRIP	25.81%	3.37%
BECK_#2_PA27	230 NIAGAR2W	230 1	-42.73	17.41%	20.63%	20.63%	29.67%	TRIP	3.75%
ST_LAWR_L33P	230 MOSES E	230 1	-0.17	0.00%	1.41%	1.41%	1.21%	1.17%	TRIP
ST_LAWR_L34P	230 MOSES E	230 1	-0.17	0.00%	1.46%	1.46%	1.25%	1.21%	65.62%
SUB-TOTALS				100.00%	96.03%	96.03%	96.02%	96.31%	87.66%
ON-MICH			-0.63	0.00%	3.70%	3.70%	3.71%	3.44%	11.33%
TOTALS				100.00%	99.73%	99.73%	99.73%	99.75%	98.99%

Table-9 DISTRIBUTION FACTORS FOR PJM-NYISO CIRCUITS

Monitored Element				Base Flow	TRANSFER	HOPATCONG-RAMPO	MAIN-WATER	PIERCE-5MILE	WALDWK-SMAWA	E.TOWD-HILLS	ERIE-SRIPLEY	LINDEN-GOETH
HOPATCONG	500	RAMAPO 5	500 1	316.09	0.00%	TRIP	9.70%	9.60%	3.75%	9.77%	7.65%	23.28%
G22_VFT345KV	345	COGNTECH	345 1	296.35	0.00%	4.76%	1.40%	1.38%	0.56%	1.21%	1.12%	19.15%
MARION	345	B3402 PAR1	345 1	0.00	0.00%	O/S	O/S	O/S	O/S	O/S	O/S	O/S
MARION	345	C3403 PAR2	345 1	0.00	0.00%	O/S	O/S	O/S	O/S	O/S	O/S	O/S
NEPTCONV	345	NWBRG	345 1	375.53	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26MAINESBURG	345	WATRC345	345 1	-61.62	28.36%	4.21%	TRIP	18.15%	0.34%	26.69%	8.20%	3.00%
26HOMER CY	345	NY_HOMER_WAT	345 Z1	-9.86	23.33%	3.23%	-62.29%	13.37%	0.27%	10.89%	7.39%	2.40%
26MAINESBURG	345	NY_MAINESBUR	345 Z1	9.89	-23.33%	-3.23%	62.29%	-13.37%	-0.27%	-10.89%	-7.39%	-2.40%
26PIERCEBRK	345	5MILE345	345 1	-21.12	23.52%	3.99%	17.37%	TRIP	0.32%	6.37%	31.92%	2.83%
26HOMER CY	345	NY_HOMER_STO	345 Z1	42.62	14.98%	2.47%	11.97%	-55.18%	0.20%	1.37%	11.42%	1.78%
26PIERCEBRK	345	NY_PIERCEBRK	345 Z1	-42.53	-14.98%	-2.47%	-11.97%	55.18%	-0.20%	-1.37%	-11.42%	-1.78%
WALDWICK	345	SMAHWAH1	345 1	16.53	-0.09%	27.34%	5.95%	5.79%	91.85%	5.16%	4.68%	20.54%
WALDWICK	345	SMAHWAH2	345 1	-89.90	0.09%	26.80%	5.59%	5.45%	TRIP	4.85%	4.41%	19.71%
26E.TWANDA	230	HILSD230	230 1	166.74	22.29%	4.59%	28.87%	7.20%	0.32%	TRIP	5.71%	2.78%
26ERIE E REA	230	S RIPLEY	230 1	-40.64	10.50%	1.24%	3.05%	12.42%	0.10%	1.97%	TRIP	0.89%
LINDEN	230	GOETHALS	230 1	0.07	0.00%	15.85%	4.71%	4.64%	1.88%	4.03%	3.75%	TRIP
SMAHWAH1	345	SMAH138	138 1	-152.91	0.26%	-0.66%	-0.49%	-0.47%	-3.50%	-0.43%	-0.38%	-1.10%
HCOR138	138	CORPORATE DR	138 1	-61.81	0.00%	0.02%	0.00%	0.00%	0.05%	0.00%	0.00%	0.01%
SMAH138	138	RAMP138	138 1	-95.19	-0.16%	0.64%	0.32%	0.31%	2.80%	0.29%	0.25%	0.76%
26E.SAYRE	115	N.WAV115	115 1	26.95	7.73%	1.53%	8.32%	2.82%	0.11%	23.36%	1.90%	0.94%
26LAUREL L	115	WESTOVER115	115 1	-68.81	7.61%	1.58%	3.47%	1.47%	0.11%	8.65%	1.07%	0.96%
26WARREN	115	FALCONER	115 1	0.00	0.00%	O/S	O/S	O/S	O/S	O/S	O/S	O/S
CLOSTER	69.0	SPARKILL	69.0 1	-3.03	0.02%	0.00%	0.00%	0.00%	0.04%	0.00%	0.00%	0.05%
HCOR69	69.0	WNYA69	69.0 1	-14.37	0.05%	0.00%	0.00%	0.00%	0.08%	0.00%	0.00%	0.09%
MONTVALE	69.0	BLUHILL	69.0 1	2.23	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MONTVALE	69.0	BLUHILL	69.0 2	2.23	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MONTVALE	69.0	L491T	69.0 1	-33.36	0.03%	0.02%	0.00%	0.00%	0.12%	0.00%	0.00%	0.08%
SMAH69	69.0	HILB69	69.0 1	-36.12	-0.20%	-0.02%	0.16%	0.15%	0.42%	0.14%	0.12%	0.12%
HCOR34	34.5	PEARL34	34.5 1	-2.64	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%
SUB-TOTALS					100.00%	91.88%	88.44%	68.91%	99.34%	92.05%	70.42%	94.08%
ON-MICH				-0.63	0.00%	7.19%	10.47%	28.69%	0.58%	7.26%	27.35%	5.22%
TOTALS					100.00%	99.07%	98.90%	97.60%	99.93%	99.31%	97.76%	99.30%