

## 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	-660	-315	0	-100	120	-2474
PJM	-38		0	0	0	0	0	660	315	0	0	-3641	-2704
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		-847	0	0	0	0	0	0	-47
Trans Énergie	1310	0	1250	1725	847		0	0	0	0	0	45	5132

<b>APPENDIX A</b>	
<b>SUMMARY OF SUMMER 2023 BASE TRANSFERS</b>	
<b>NEW BRUNSWICK/NOVA SCOTIA</b>	
New Brunswick to TransÉnergie: Madawaska and Eel River HVdc	-785
New Brunswick to New England	800
<b>Total Export (+) / Import (-)</b>	<b>15</b>

<b>NEW ENGLAND</b>	
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
<b>Total Export (+) / Import (-)</b>	<b>-2178</b>

<b>NEW YORK ISO</b>	
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	660
New York to PJM: HTP	0
New York to MISO: NYPA to AMP- Ohio	120
New York to IESO (Ontario)	0
<b>Total Export (+) / Import (-)</b>	<b>-2474</b>

<b>APPENDIX A</b>	
<b>SUMMARY OF SUMMER 2023 BASE TRANSFERS</b>	
<b>IESO (Ontario)</b>	
IESO to TransÉnergie	-1250
IESO to New York	0
IESO to PJM	0
IESO to MISO	0
<b>Total Export (+) / Import (-)</b>	<b>-1250</b>

<b>PJM</b>	
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	660
PJM to New York: Linden VFT	315
PJM to New York: HTP	0
Miscellaneous Transfers to Other Areas	-3641
<b>Total Export (+) / Import (-)</b>	<b>-2704</b>

<b>TRANSÉNERGIE</b>	
TransÉnergie to New Brunswick: Madawaska and Eel River HVdc	785
TransÉnergie to New England: Sandy Pond HVdc	1500
TransÉnergie to New England: Vermont	225
TransÉnergie to New York	1310
TransÉnergie to IESO (Ontario)	1250
TransÉnergie to Cornwall	45
<b>Total Export (+) / Import (-)</b>	<b>5115</b>

## Appendix B – SUMMER 2023 BASE CASE CONDITIONS

Summer 2023 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**

Chateauguy HVdc	825 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	32,048 MW
ISO-NE	24,594 MW
IESO (Ontario)	23,224 MW
PJM	57,003MW

#### **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	Out of Service
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)	157 MW	
Ramapo PAR #2 (+ to NY)	157 MW	

East Garden City #1

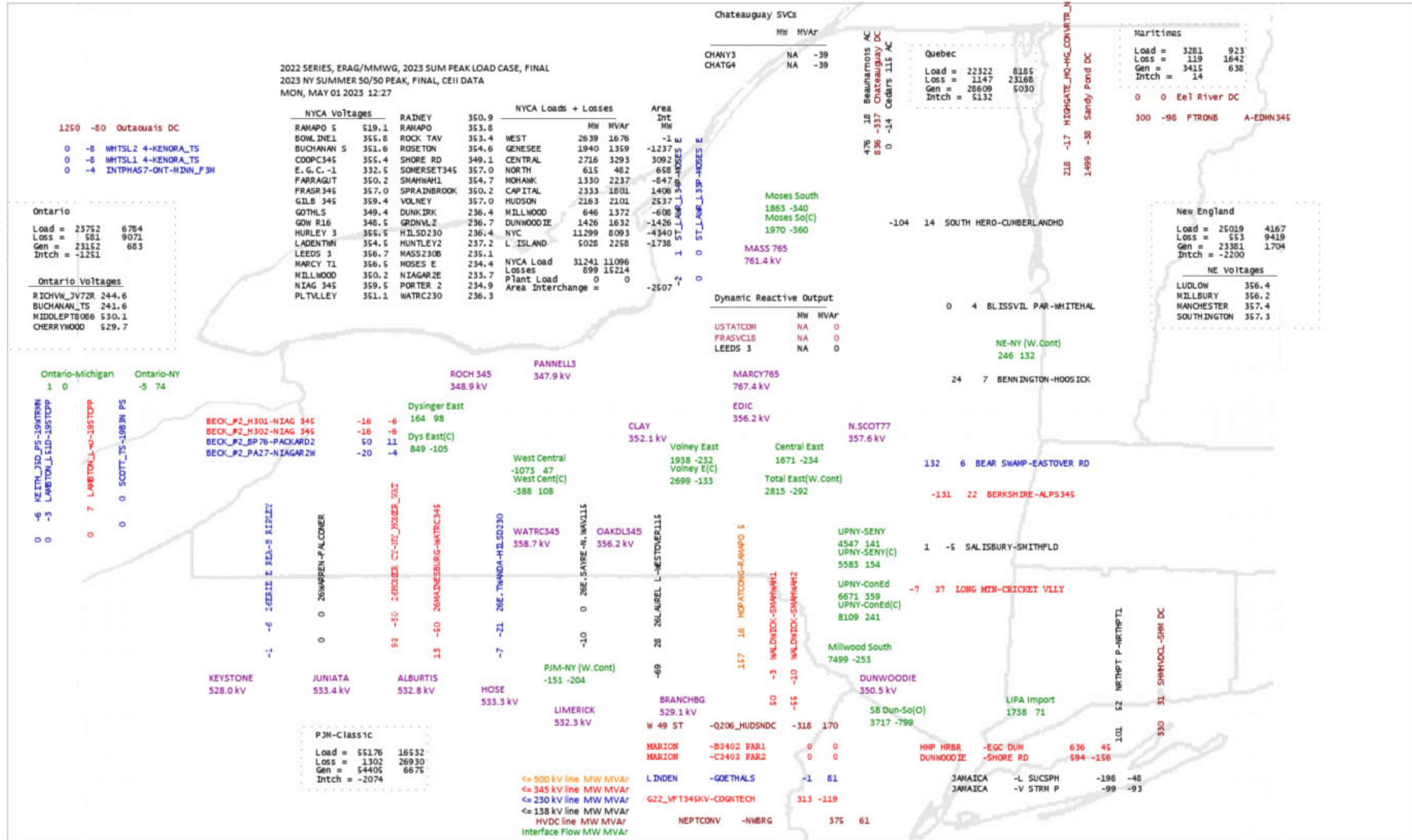
317 MW

East Garden City #2

317 MW

# Appendix C – POWER FLOW TRANSCRIPTION DIAGRAM

## SYSTEM OVERVIEW



## Appendix D – RATINGS OF MAJOR TRANSMISSION FACILITIES IN NEW YORK

Name	ID	KV	NORM	LTE	STE	PTID	Flow
ACADEMY_138A_138B_PAR1	PAR1	138	251	312	372	325751	159
ACADEMY_138A_138B_PAR8	PAR8	138	251	312	372	325750	159
ACADEMY_345_138_TR1	TR1	345	252	316	364	325753	160
ACADEMY_345_138_TR8	TR8	345	252	316	364	325752	160
ADIRNDCK_230_115_BK 1	BK1	115	115	144	172	26697	78
ADIRNDCK-CHASLAKE_230_13	13	230	440	478	560	325233	44
ADIRNDCK-PORTER__230_12	12	230	440	478	560	25082	272
AIRPRDCT-ALBANY__115_8	8-NA	115	278	321	368	327375	49
AKRONVIL-N.AKRON_115_107	107	115	182	197	248	326868	16
ALBANY_-GREENBSH_115_1	1	115	237	293	354	25860	139
ALBANY_-GREENBSH_115_2	2	115	237	293	354	25868	139
ALBANY_-TRINITY_115_5	5	115	198	244	280	25861	175
ALBANY_-TRINITY_115_9	9	115	147	178	258	25872	77
ALCOA_-BRADY__115_13	13	115	128	147	159	25230	20
ALCOA_-DENNISON_115_12	12-AD	115	254	276	345	25227	39
ALCOA_PA-ALCOA__115_R8105	R8105	115	206	247	310	25202	20
ALCOA_PA-GRASRIVR_115_MAL4	MAL4	115	219	248	248	326295	75
ALCOA_PA-GRASRIVR_115_MAL5	MAL5	115	207	207	207	326296	75
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	11
ANDOVER_-PALMITER_115_157-932	157_932	115	79	101	119	25094	3
ANHRBUSH-LYSANDER_115_13	13	115	182	182	182	326790	78
ANHRBUSH-LYSANDER_115_9	9	115	192	221	245	326803	11
ARCADE_-MACHIAS_115_167	151	115	129	148	160	326168	19
ASH__-TEMPLE__115_9	9	115	170	203	233	26062	4
ASHLEYRD-MASONCR_115_909	909	115	155	179	193	25847	20
ASHLEYRD-PLATSBRG_115_700	700	115	174	193	220	25845	40
ASTANNEX_138A_138B_PAR1	PAR1	138	347	416	464	325848	85
ASTANNEX_345_138_TR1	TR1	345	268	335	393	325847	85
ASTANNEX-ASTORIAE_138_34091	34091	138	236	272	304	325849	85
ASTANNEX-E13THSTA_345_Q35L	Q35L	345	320	565	1476	25134	229
ASTANNEX-E13THSTA_345_Q35M	Q35M	345	320	565	1476	25142	224
ASTENRG2-ASTANNEX_345_G13	G13	345	850	950	1050	325744	39
ASTORIAE-ASTORIA3_138_34123	34123	138	271	311	400	25876	0
ASTORIAE-CORONA__138_34181	34181	138	174	235	368	25277	120
ASTORIAE-CORONA__138_34182	34182	138	174	235	368	25278	115
ASTORIAE-CORONA__138_34183	34183	138	174	235	368	25279	119
ASTORIAE-CORONA__138_34184	34184	138	174	235	368	25280	111
ASTORIAE-CORONA__138_34185	34185	138	174	235	368	25281	106

Name	ID	KV	NORM	LTE	STE	PTID	Flow
ASTORIAE-CORONA__138_34186	34186	138	174	235	368	25282	108
ASTORIAW-QUENBRDG_138_28241	28241	138	174	235	368	25315	82
ASTORIAW-QUENBRDG_138_28242	28242	138	174	235	368	25316	84
ASTORIAW-QUENBRDG_138_28243	28243	138	348	469	688	25317	153
ASTORIAW-QUENBRDG_138_28244	28244	138	363	525	688	25318	177
AYERREND-TNWDA206_115_36	36	115	174	177	178	326367	35
AYERREND-TNWDA206_115_37	37	115	171	171	171	326370	35
BABBITSC-LIGHTHSE_115_6	6	115	116	120	145	25506	22
BABYLON_-BRGHTWTR_69_771	771	69	142	155	178	327240	21
BAGATLRD-PILGRIM__138_564	564	138	492	540	618	325607	65
BAKER_ST-FALCONER_115_160	160-3	115	176	197	239	26513	25
BALLSTON-TAPBLSTN_115_43	43	115	220	252	280	325896	42
BALLSTON-TAPBLSTN_115_44	44	115	220	252	280	325897	32
BARRETT__138_69_BK1	BK1	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	105
BARTELRD-PINEGROV_115_3	3	115	271	313	359	327235	70
BATAVIA_-EBATAVIA_115_107	107	115	159	159	159	326099	2
BATAVIA_-SEBATVIA_115_117	117	115	220	239	239	26017	12
BATH___-MONTRFL_115_965	965	115	124	139	159	26163	12
BATH___-SPENCHIL_115_723	723	115	181	209	231	325797	18
BATNKILL-BRANCOMB_115_310	310	115	186	214	237	327453	38
BEAR SWP-EASTOVER_230_E205W	E205W	230	440	505	555	25030	132
BECK___-NIAGARA_230_PA27	PA27	230	400	460	558	25025	50
BECK___-NIAGARA_345_PA301	PA301	345	1070	1322	1714	25040	18
BECK___-NIAGARA_345_PA302	PA302	345	1070	1322	1714	25041	18
BECK___-PACKARD_230_BP76	BP76	230	500	587	616	25024	13
BELMONT_-HOPKINS_115_13	13	115	221	256	287	326806	31
BELMONT_-WOODARD_115_4	4	115	156	179	195	326805	65
BENETTRD-E_DUNKRK_115_161	161-3	115	168	185	206	326231	13
BENETTRD-E_DUNKRK_115_162	161-3	115	168	185	206	326233	11
BENNETT_-MORAINE_115_725	725	115	125	152	179	325858	25
BENNETT_-SPENCHIL_115_953	953	115	181	209	231	26164	12
BENSHRST-GREENWD__138_38B13	38B13	138	196	282	458	326271	191
BERKSHIR-ALPS___345_393	393	345	1463	1697	1912	25034	44
BERRY_RD-W.ASHVLE_115_160	160-2	115	193	213	240	26512	6
BETHLHEM-ALBANY__115_18	18-BA	115	329	369	423	26119	80
BETHLMRD-ROCKTVRN_115_RD	RD	115	125	144	155	326346	49
BIGTREE_-DAVIS_RD_115_904	904	115	139	163	183	25162	25
BIGTREE_-GARDNVLB_115_902	902	115	187	215	232	26040	19
BIGTREE_-LANGNERD_115_903	903	115	227	251	285	326050	8
BLACKRVR-CARTHAGE_115_1	1	115	116	120	145	26067	57



Name	ID	KV	NORM	LTE	STE	PTID	Flow
BLACKRVR-EWATRTWN_115_5	5	115	116	120	145	325771	21
BLACKRVR-FORTDRUM_115_2	2-BF	115	116	120	145	26068	18
BLACKRVR-GLENPARK_115_3	3	115	128	147	159	325315	50
BLACKRVR-MIDDLERD_115_8	6	115	116	120	145	326703	22
BLISSVIL-WHITEHAL_115_K7	K7	115	187	217	229	25028	0
BNNINGTN-HOOSICK_115_K6	K6	115	150	217	239	25029	23
BNVLMUNI-PORTER_115_2	2	115	100	100	100	325778	26
BOONVLE-BNVLMUNI_115_2	2	115	96	96	96	26073	5
BOONVLE-MADISON_115_4	4	115	116	120	145	327445	47
BOONVLE-PORTER_115_1	1-BP	115	100	100	100	26074	25
BOONVLE-ROME_115_3	3	115	116	120	145	26071	47
BORDRCTY-GUARDIAN_115_969	969	115	239	239	239	325283	75
BOWLINE_345_138_BK455	BK455	345	451	546	671	25664	192
BOWLINE-WHAVSTRW_345_67-1	67-1	345	687	747	747	25567	572
BOWLINOR-CONGERS_138_561	561	138	191	230	383	26723	156
BRADY_-NOGDNRG_115_13	13	115	193	213	240	326348	14
BRANCOMB-SCHAGCKT_115_310	310	115	186	214	237	26474	35
BREMEN_-BULYMO_115_6	6	138	1001	1002	1003	327327	0
BRENTWOD-PILGRIM_69_765	765	69	236	259	266	26536	51
BRENTWOD-PILGRIM_69_768	768	69	83	96	102	26534	39
BRIGHAM_-LUDLUM_115_161	161-2	115	168	185	206	26020	28
BRIGHAM_-LUDLUM_115_162	162-1	115	168	185	206	326228	22
BRISTLHL-CLAY_115_4	4	115	105	107	107	25518	36
BRISTLHL-WHITAKER_115_4	4	115	105	114	134	25512	55
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	60
BROOK_RD-TAPBROOK_115_302	302	115	220	253	280	325900	36
BROOKHVN_138_69_BK 1	BK 1	138	227	282	318	26548	106
BROOKHVN_138_69_BK 2	BK 2	138	227	282	318	325152	98
BROOKHVN-EDWARDAV_138_864	864	138	276	436	558	25553	125
BROOKHVN-SILLSRD_138_874	874	138	395	481	568	325617	138
BROOKHVN-SILLSRD_138_887	887	138	395	481	568	325619	138
BROOKHVN-WILDWOOD_138_861	861	138	436	483	589	325932	53
BROWNFLS-HIGLEY_115_1	1-BH	115	128	147	159	26078	57
BROWNFLS-TAYLORVL_115_3	3-BT	115	102	120	135	26076	60
BROWNFLS-TAYLORVL_115_4	4-BT	115	102	120	142	26077	60
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	837
BUCHAN_S-MILLWOOD_345_W97	W97	345	1490	1664	1876	25146	547
BUCHAN_S-MILLWOOD_345_W98	W98	345	1490	1664	1876	25247	547
BUCHANAN-MILLWOOD_138_96951	96951	138	275	302	383	25283	0

Name	ID	KV	NORM	LTE	STE	PTID	Flow
BUCHANAN-MILLWOOD_138_96952	96952	138	275	302	383	25284	0
BUFAL129-MAPLE140_115_38	38	115	145	151	185	326159	48
BUFAL129-MAPLE140_115_39	39	115	145	151	185	326160	48
BUFALO54-BUFALO61_115_38	38	115	187	215	236	326155	31
BUFALO54-BUFALO61_115_39	39	115	174	181	226	326156	30
BUFALO61-URBAN154_115_38	38	115	174	181	226	326153	26
BUFALO61-URBAN154_115_39	39	115	174	181	226	326154	25
BUFALO78-HUNTLEY_115_130	130	115	168	181	206	26043	79
BUFALO78-YOUNG214_115_133	133	115	168	185	206	326290	99
BULYMO_-BOONVLE_115_6	6	115	116	120	144	325265	34
BURDECK_-ALTAMONT_115_17	17-BA	115	116	120	145	26151	52
BURDECK_-VORHVSLE_115_19	19-BV	115	116	120	145	26152	43
BURGOYNE-WHITEHAL_115_6	6	115	107	107	107	326308	21
BURNS__138_69_BK 519	BK 519	138	208	258	284	25889	74
BURNS_-N.HEMPST_138_531	531	138	222	270	285	25878	22
BURNS_-OAKSTRET_138_702	702	138	189	217	226	325812	93
BURNS_-WHAVSTOR_138_541	541	138	222	270	285	25879	98
BUTLER_-MOHICAN_115_18	18	115	116	120	145	26434	21
C_ISLIP_138_69_BK 3	BK 3	138	112	130	156	26519	100
C_ISLIP-RONKOKMA_138_883	883	138	401	539	617	26497	58
CALSPAN_-DEPEW__115_54-921	54-921	115	129	182	239	326276	0
CALSPAN_-NBRDWYNG_115_181-922	181-922	115	139	163	181	326951	47
CANAL__138_69_BK5	BK 5	138	207	249	285	327369	104
CANAL_-RIVRHEAD_138_910	910	138	207	249	285	325242	104
CANAL_-RIVRHEAD_138_911	911	138	207	249	285	327371	99
CANANDGA-STONYRDG_230_68	68	230	498	534	566	25176	27
CARMEL_-UNIONVAL_115_991	991	115	215	227	239	26155	77
CARMEL_-WOODSTNY_115_900	900	115	210	227	261	326880	57
CARMEL_-WOODSTNY_115_992	992	115	215	246	269	325278	56
CARR_ST_-DEWITT__115_15	15-CD	115	187	213	236	26093	3
CARR_ST_-SALCARBM_115_6	6	115	187	213	236	325216	59
CARRSCRN-SALAMANC_115_153	153	115	128	147	159	326163	29
CARRSCRN-SALAMANC_115_154	154	115	128	147	159	326165	31
CARTHAGE-N.CARTHG_115_1	1	138	116	119	119	327258	2
CASTLEGD-FULLRHLW_115_937	937	115	249	287	319	325222	10
CATON__HILLSIDE_115_960	960	115	120	120	120	325290	35
CAVANARD-PORTER__115_7	7	115	116	120	145	325214	65
CEDAR_-BURGOYNE_115_6	6	115	116	120	145	26516	37
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	13
CENTERST-MAPLEAVE_115_22	22	115	128	132	132	327076	2
CENTERST-STONER__115_9	9	115	128	147	159	327078	15

Name	ID	KV	NORM	LTE	STE	PTID	Flow
CHADWICK-E.WALDEN_115_DW	DW-3	115	176	194	221	26218	72
CHADWICK-WBALMVLE_115_DW	DW-2	115	176	194	221	26217	50
CHASLAKE-PORTER__230_11	11	230	440	505	516	25051	0
CHAT_TAP-LYON_MTN_115_1(911)	911	115	135	159	175	325704	3
CHATEAUG-CHAT_TAP_115_911	911	115	38	39	41	325705	9
CHATGUAY-MASSENA_765_7040	7040	765	3975	4839	5300	25301	1292
CHEMUNG_-NWAVERLY_115_962	962	115	150	180	196	325289	23
CHESTROR-SUGRLOAF_138_271	271	138	236	270	285	325424	42
CHRCHTWN-CRARYVIL_115_984	984	115	248	286	326	26500	25
CHURCH_S-PATRVLE_115_10	10-AR	115	116	120	131	327461	23
CHURCH_S-ROTRDAM_115_12	12	115	116	120	127	327080	0
CLAY___345_115_BK 1	BK 1	345	455	606	794	25387	261
CLAY___345_115_BK 2	BK 2	345	478	637	794	25421	261
CLAY___-BARTELRD_115_10	10	115	271	313	318	25520	105
CLAY___-BARTELRD_115_3	3	115	220	252	280	25519	81
CLAY___-COLAMCRS_115_5	5	115	219	252	280	25522	49
CLAY___-DEWITT__345_13	13	345	1109	1344	1529	25168	481
CLAY___-EDIC___345_1-16	CE1-16	345	1301	1501	1685	25200	276
CLAY___-EDIC___345_2-15	CE2-15	345	1301	1501	1685	25169	276
CLAY___-EUCLID__115_11	11	115	220	252	280	25516	110
CLAY___-EUCLID__115_17	17	115	220	252	280	25515	109
CLAY___-INDPDNCE_345_26	26	345	1670	1931	2210	25858	1005
CLAY___-WETZEL__115_14	14-CG	115	220	252	280	25517	86
CLEARWTR-ANHRBUSH_115_9	9	115	192	221	245	326798	94
CLINTON_-IMC_TAP_115_15	15-CI	115	116	120	145	26128	11
CLOSTER_-SPARKL__69_751	751	69	118	135	142	26504	3
CLRKSCRN_345_115_BK1	BK1	345	235	255	295	325724	100
CLRKSCRN_345_115_BK2	BK2	345	235	255	295	325725	95
CLRKSCRN-OAKDALE_345_36	36	345	1207	1327	1590	325726	613
CLYDE___115_34_TR1	TR1	115	125	143	154	25221	20
CLYDE___-STATE_ST_115_3-971	971	115	125	143	154	68810	36
COBBLENM-COBBLENY_115_BK 1	BK 1	115	40	41	45	25426	10
COBBLENM-SPRINGVL_115_151	151	115	129	148	160	326166	6
COBBLENM-SPRINGVL_115_152	152	115	129	148	160	326170	10
CODNIGTN-E.ITHACA_115_981	981-1	115	221	260	304	25730	13
CODNIGTN-ETNA___115_998	998	115	227	257	283	25734	39
COFFEEN_-EWATRWN_115_5	5	115	152	152	152	325769	28
COFFEEN_-GLENPARK_115_3	3-CG	115	119	119	119	26069	53
COLAMCRS-DUGUID__115_5	5	115	220	252	280	326819	42
COLDENHM-ROCKTVRN_115_J	J	115	232	257	304	26420	2
COLDSPRG-CARRSCRN_115_905	905	115	36	40	42	26440	11
COLLIERS-RICHFELD_115_929	929	115	125	152	215	26169	4
COLTON_-FLATROCK_115_2	2-CF	115	114	123	142	26088	59

Name	ID	KV	NORM	LTE	STE	PTID	Flow
COLTON_-HIGLEY__115_1	1-HC	115	128	147	156	26087	59
COLTON_-LITTLRIV_115_7	7	115	76	87	94	26086	0
COLTON_-TOWNLINE_115_9	9	115	109	109	109	325641	23
COMSTKNM-BURGOYNE_115_13	13-MW	115	116	120	145	26484	39
CONGERS_-SNKEHLRD_138_563	563	138	212	270	285	25887	115
COOPERNY-FERNDAL_115_950	950	115	176	179	179	26171	57
COOPERNY-ROCKHILL_115_957	957	115	119	119	119	325614	39
COOPERS_345_115_BK 2	BK 2	345	219	239	239	25433	73
COOPERS_345_115_BK 3	BK 3	345	220	239	239	25434	74
COOPERS_-DOLSONAV_345_CCDA42	CCDA42	345	1793	1793	1793	25111	490
COOPERS_-MIDDLETP_345_CMT-34	CMT-34	345	1464	1793	1793	25110	755
CORNING_-MCADOO__115_4	4	115	128	147	159	326380	11
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
CORONA_-RAINEY__138_36188	36188	138	296	374	521	625053	0
CORPDRIV-HARNGCRN_138_703	703	138	135	164	206	25881	60
CORTLAND-LABELFE_115_3	3	115	125	143	154	325248	12
CORTLAND-TULLERHL_115_1-716	1	115	128	147	159	25059	11
CORTLAND-TULLYCTR_115_18	18	115	176	211	239	26089	50
CRICKVLY-PLSNTVLY_345_F83	F83	345	1135	1313	1596	326887	430
CRICKVLY-PLSNTVLY_345_F84	F84	345	1260	1893	2091	326888	560
CROUSEHD-HOPKINS_115_13	13	115	220	252	280	326783	19
CURRY_RD-LINE8TAP_115_8	8	115	116	120	145	26254	19
CURTIS_-LYSANDER_115_13	13	115	182	182	182	326782	77
CURTPALM-EJWEST__115_9	9	115	128	147	159	326146	3
DALEROAD-GARDNVLB_115_39	39	115	168	181	206	26036	19
DANSKAMR-CHADWICK_115_DW	DW-1	115	217	250	279	26219	122
DANSKAMR-MARLBORO_115_DB	DB	115	183	215	237	26221	0
DANSKAMR-NCHELSEA_115_AC	AC	115	183	211	295	25829	129
DANSKAMR-NCHELSEA_115_DC	DC	115	178	199	295	25830	134
DANSKAMR-RYNDS_HL_115_DR	DR	115	183	248	279	25831	101
DARBY__-SCHAGCKT_115_309	309	115	186	214	237	327452	31
DAVIS_RD-STOLLERD_115_927	927	115	239	239	239	26172	52
DEBALSO_-WALESVIL_115_3	3	115	128	147	159	326704	20
DEKALB_-BATTHILL_115_4	4	115	76	87	94	326398	17
DELEMTER-LAKEVIEU_115_141	141	115	88	101	108	325873	14
DELEMTER-LAKEVIEU_115_142	142	115	88	101	108	325880	25
DELHI__-DELHI_TP_115_951	951	115	227	251	255	26174	77
DELHI__-GR.GORGE_115_916	916	115	90	90	90	26479	12
DELHI__-VINGR_TP_115_917_916	917-916	115	120	120	120	25911	19

Name	ID	KV	NORM	LTE	STE	PTID	Flow
DELHI_TP-COLLIERS_115_951	951-2	115	239	239	239	26203	49
DENNISON-LAWRNCAV_115_5	5	115	220	252	280	25226	19
DENNISON-NORFOLK_115_4	4	115	220	252	280	25225	20
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	125	151	181	26010	13
DEPEW_TP-DEPEW__115_BK 1	BK 1	115	108	120	120	25428	13
DEPOSIT_-INDIANHD_69_675	675	69	100	120	130	325971	43
DEWITT__345_115_BK 2	BK 2	345	517	658	794	25418	210
DEWITT_-BUTERNUT_115_4	4	115	193	213	240	26094	27
DOLSONAV-ROCKTVRN_345_DART44	DART-44	345	1704	1852	2195	326310	1120
DUGUID_-DEWITT__115_5	5	115	193	213	240	326736	24
DULEY_-PATNODE_230_PND-1	PND-1	230	397	476	504	325856	8
DULEY_-PLATSBRG_230_DP-1	DP-1	230	249	277	318	25272	0
DUNKIRK_230_115_BK 31	BK 31	230	139	197	248	25386	44
DUNKIRK_230_115_BK 41	BK 41	230	133	190	248	25430	44
DUNKIRK_-BERRY_RD_115_160	160-1	115	193	213	239	26025	25
DUNKIRK_-BRIGHAM_115_161	161-1	115	168	181	206	26021	31
DUNKIRK_-BRIGHAM_115_162	162-1	115	168	181	206	26027	22
DUNKIRK_-SILVRCRK_115_141	141	115	88	101	108	26026	1
DUNKIRK_-SILVRCRK_115_142	142	115	88	101	108	26018	1
DUNWODIE_138_138_BK N1	BK N1	138	315	375	433	25624	125
DUNWODIE_138_138_BK N2	BK N2	138	194	293	400	25623	126
DUNWODIE_138_138_BK S1	BK S1	138	345	491	600	25626	182
DUNWODIE-DUNWOODN_345_W74	W74	345	411	494	554	326212	322
DUNWODIE-DUNWOODS_345_W73	W73	345	424	512	590	326211	296
DUNWODIE-E179THST_138_99153	99153	138	233	348	617	25287	181
DUNWODIE-MOTTHAVN_345_71	71	345	707	833	1298	25151	536
DUNWODIE-MOTTHAVN_345_72	72	345	707	833	1298	25191	535
DUNWODIE-SHERMCRK_138_99031	99031	138	139	187	303	25193	125
DUNWODIE-SHERMCRK_138_99032	99032	138	189	288	393	25239	126
DUNWODIE-SHORE_RD_345_Y50	Y50	345	656	916	1614	25091	606
DUNWOODN_345_138_BK N1	BK N1	345	411	494	554	25209	322
DUNWOODN-DUNWOODN_138_38W04	38B04	138	218	238	285	327195	85
DUNWOODS_345_138_BK S1	BK S1	345	424	512	590	25208	295
DUNWOODS-DUNWOODN_138_99997	99997	138	205	255	311	25532	19
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	46
DYSINGER-KINTIGH_345_39	39	345	1195	1195	1195	327246	49
DYSINGER-STA_255_345_DH1	DH1	345	1301	1501	1685	327457	87
DYSINGER-STA_255_345_DH2	DH2	345	1301	1501	1685	327458	87
E.ITHACA-ETNA__115_981	981	115	108	128	143	25733	49

Name	ID	KV	NORM	LTE	STE	PTID	Flow
E.SAYRE_-NWAVERLY_115_956	956	115	108	128	143	25013	4
E.TWANDA-HILLSIDE_230_70	70	230	489	549	630	25014	38
E.WALDEN_115_69_TR_3	TR_3	115	52	69	81	26681	20
E.WALDEN-COLDENHM_115_CW	CW	115	232	257	304	26225	24
E.WALDEN-MODENA__115_EM	EM	115	232	257	304	25832	0
E.WALDEN-ROCKTVRN_115_D	D	115	233	265	312	26226	18
E_DUNKRK-LAONA__115_161	161	115	88	101	108	326232	1
E_DUNKRK-LAONA__115_162	162	115	88	101	108	326234	0
E13THSA_E13THSA_138_37371	37371	138	296	485	793	325707	92
E13THSTA_138_69_TR_9	BK 9	138	147	188	235	26488	0
E13THSTA_138_69_TR2	BK 2	138	153	201	222	326976	105
E13THSTA_138_69_TR4	BK 4	138	153	212	261	326977	107
E13THSTA_138_69_TR6	BK 6	138	145	187	246	326978	107
E13THSTA_138_69_TR8	BK 8	138	151	201	222	326979	107
E13THSTA_345_69_BK 17	BK 17	69	247	321	409	25459	125
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	113
E13THSTA_345_138_BK 13	BK 13	138	258	320	368	25464	110
E13THSTA_345_138_BK 14	BK 14	138	251	280	305	25465	112
E13THSTA_345_138_BK 15	BK 15	138	260	321	361	25466	118
E13THSTA_345_138_BK 16	BK 16	138	270	304	338	25469	113
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	137
E13THSTA-FARRAGUT_345_46	46	345	760	927	1350	25251	132
E13THSTA-FARRAGUT_345_48	48	345	554	740	1150	25252	8
E13THSTA-FARRAGUT_345_B47	B47	345	358	645	1011	25177	10
E179THST-HELLGATE_138_15055	15055	138	210	301	384	25288	317
E179THST-HELLGT_E_138_15053	15053	138	165	229	364	25289	41
E179THST-HELLGT_E_138_15054	15054	138	165	229	364	25290	40
E179THST-PARKCHTR_138_38X01	38X01	138	169	288	501	25327	17
E179THST-PARKCHTR_138_38X02	38X02	138	169	288	501	25328	17
E179THST-PARKCHTR_138_38X03	38X03	138	169	288	501	25329	4
E179THST-PARKCHTR_138_38X04	38X04	138	169	288	501	25330	4
EASTOVER_230_115_BK1	TR 1	230	381	494	666	326097	81
EASTOVER_230_115_BK2	TR 1	230	381	494	666	326403	87
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

Name	ID	KV	NORM	LTE	STE	PTID	Flow
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	178
EASTVIEW_345_138_BK 1S	BK 1S	138	389	480	538	25373	174
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	177
EASTVIEW-ELMSFORD_138_38W31	38W31	138	174	251	435	326786	146
EASTVIEW-ELMSFORD_138_38W32	38W32	138	173	252	402	326787	147
EASTVIEW-ELMSFORD_138_38W33	38W33	138	174	251	270	326788	143
EASTVIEW-ELMSFORD_138_38W34	38W34	138	173	252	270	326789	146
EASTVIEW-SPRNBRK_345_W64	W64	345	2296	2658	3202	25143	678
EASTVIEW-SPRNBRK_345_W65	W65	345	1720	2215	2657	25144	847
EASTVIEW-SPRNBRK_345_W78	W78	345	2296	2658	3202	25346	796
EASTVIEW-SPRNBRK_345_W79	W79	345	1720	2215	2657	25153	798
EBATAVIA-NO.LEROY_115_119	119	115	139	160	173	26012	20
ECWABALP-FRNKYONG_115_181-922	181-922	115	174	181	226	326871	73
ECWABALP-FRNKYONG_115_182	182	115	174	181	226	326872	69
EDIC__345_115_BK4	BK 4E	345	505	629	794	25454	110
EDIC__345_230_BK2	BK 2E	230	479	562	683	25422	6
EDIC__-FRASER__345_EF24-40	EF24-40	345	1793	1793	1793	25112	794
EDIC__-GORDONRD_345_14	14	345	1331	1538	1724	327482	733
EDIC__-N.SCTLND_345_14	14	345	1331	1538	1724	327482	716
EDIC_PTR_230_115_BK 1P	BK 1P	230	269	320	338	25389	128
EDIC_PTR_230_115_BK 2P	BK 2P	230	269	320	338	25423	128
EDIC_PTR_345_115_BK 3E	BK 3E	345	455	539	679	25424	110
EDWARDAV-RIVRHEAD_138_893	893	138	259	299	335	325654	104
EELPOTRD-MEYER__115_724	724	115	112	131	143	325288	12
EFISHKIL_345_115_BK 1	BK 1	345	412	497	530	25724	85
EFISHKCH_345_115_BK 2	BK 2	345	450	505	560	325845	85
EFISHKIL-WOOD_ST_345_F38	F38	345	1839	2520	3202	25367	1094
EFISHKIL-WOOD_ST_345_F39	F39	345	1839	2520	3202	25368	1163
EGRDNCTY_138_69_BK 1	BK 1	138	227	263	302	26652	139
EGRDNCTY_345_138_AT1	BK 1	345	428	513	641	25551	315
EGRDNCTY_345_138_AT2	BK 2	345	428	513	641	25552	315
EGRDNCTY_345C_345A_PAR1	A_PAR1	345	428	599	787	25678	315
EGRDNCTY_345C_345B_PAR2	B_PAR2	345	428	599	787	25679	315
EGRDNCTY-CARLPLCE_138_361	361	138	254	294	328	25533	54
EGRDNCTY-EGRDNCTR_345_Y49_ST	Y49_ST	345	637	900	1329	325158	631
EGRDNCTY-NEWBRDGE_138_462	462	138	201	279	489	25303	27
EGRDNCTY-NEWBRDGE_138_463	463	138	170	285	348	25304	27
EGRDNCTY-NEWBRDGE_138_465	465	138	197	291	352	25535	36
EGRDNCTY-ROSLYN__138_362	362	138	250	288	323	25534	18
EJWEST_-SCOFDRD_115_9	9	115	193	213	240	326147	45
EKINGSTN-RHINEBCK_115_ER	ER	115	176	194	221	26222	23



Name	ID	KV	NORM	LTE	STE	PTID	Flow
ELBRIDGE_345_115_BK 1	BK 1	345	470	557	717	25448	337
ELBRIDGE-GRS_LOCK_115_19	19-EG	115	116	120	145	26097	15
ELBRIDGE-GRS_LOCK_115_3	3	115	143	143	143	26098	18
ELBRIDGE-HYATT__115_10-979	15-EH	115	129	148	160	25109	77
ELBRIDGE-LAFAYTTE_345_17-LE	17-LE	345	940	1517	1912	25149	552
ELBRIDGE-LAKELAND_115_4	4	115	156	179	195	325316	47
ELBRIDGE-MILTON_C_115_18	18-EM	115	129	136	136	26095	14
ELBRIDGE-STATE_ST_115_5-972	5-972	115	251	296	321	25107	122
ELBRIDGE-STATE_ST_115_6-710	6-710	115	238	249	287	326377	89
ELM_ST_-SENECA__230_71	71	230	223	254	262	26426	22
ELM_ST_-SENECA__230_72	72	230	223	254	262	26427	22
ELWOOD__138_69_BK 3	BK3	138	108	133	156	26540	45
ELWOOD_-PULASKLI_69_670	670	69	100	120	130	26610	69
ENDICOTT-RANGEHL_115_920	920	115	149	149	149	26158	21
ENDICOTT-ROBBLEAV_115_948	948	115	249	263	263	26159	43
ENORWICH-CTYLINE_115_918	918	115	125	152	179	325280	40
ENORWICH-JENNISON_115_946	946	115	80	110	131	25729	39
EPULASKI-LIGHTHSE_115_2	2	115	114	120	142	327228	29
ERIE E_-S.RIPLEY_230_69	69	230	501	607	637	25016	28
ERIE_ST_-PAVMNTRD_115_926	926	115	215	240	268	26175	71
ESTOLERD-STOLLERD_345_28	28	345	800	800	800	327463	308
ETNA__-CLRKSCRN_115_715	715	115	226	237	273	325728	102
ETNA__-CLRKSCRN_115_947	947	115	176	185	203	325727	100
ETNA__-WILLET__115_945	945-2	115	127	147	159	25731	54
EUCLID_-HOPKINS_115_11	11	115	220	252	280	326784	93
EUCLID_-WOODARD_115_17	17	115	220	252	280	326785	93
EVERETRD-MENANDS_115_10	10	115	182	197	239	326642	99
EVERETRD-MENANDS_115_15	15	115	182	197	239	326643	34
FAGEDARY-CENTERST_115_9	9	115	128	147	159	327077	29
FAIRFIEL-INGHAM_C_115_3	3	115	116	120	145	26106	62
FAIRPORT-ELBRIDGE_115_2	2	115	145	151	185	26099	44
FAIRPORT-HOOK_TAP_115_1	1	115	145	151	157	26327	13
FALCONER-SOUTHADOW_115_153	153	115	129	148	160	26033	22
FALCONER-SOUTHADOW_115_154	154	115	129	148	160	26032	14
FARMGTN_115_12_BK 3	BK 3	115	23	29	44	325380	5
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	20
FARMGTN_-BORDRCTY_115_4-977	977	115	150	179	195	25057	49
FARMGTN_-HAMLTNNM_115_7-983	7-983	115	125	144	155	26101	63
FARRAGUT_345A_138A_BK 1Y	BK 1Y	138	188	210	237	325083	198
FARRAGUT_345A_138A_BK 2X	BK 2X	138	120	141	150	325084	82
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	198



Name	ID	KV	NORM	LTE	STE	PTID	Flow
FARRAGUT_345A_138A_BK 4Y	BK 4Y	138	189	215	231	325089	195
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	83
FARRAGUT_345A_138A_BK 6Y	BK 6Y	138	189	234	258	325091	194
FARRAGUT_345A_138C_BK 9X	BK 9X	345	110	155	195	25636	23
FARRAGUT_345A_138D_BK 10X	BK 10X	345	110	155	195	25637	23
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	555
FARRAGUT-GOWANUS_345_42	42	345	543	753	1244	25140	555
FARRAGUT-HUDS_AVE_138_32077	32077	138	102	136	148	25291	23
FARRAGUT-HUDS_AVE_138_32711	32711	138	108	144	159	25293	24
FARRAGUT-PLYMTHST_138_32072	32072	138	120	141	150	326588	82
FARRAGUT-PLYMTHST_138_32076	32076	138	123	148	157	326589	83
FARRAGUT-PLYMTHST_138_32078	32078	138	108	144	157	25292	23
FARRCKWY-CEDRHRST_69_256	256	69	114	132	146	26566	0
FARRCKWY-WOODMERE_69_259	259	69	89	112	118	26597	5
FENERWND-WHITMAN_115_8	8	115	176	211	239	326865	20
FERNDAL-EEWDBURNY_115_959	959	115	90	90	90	26180	21
FEURABSH-GREENBSH_115_17	17	115	176	197	248	25862	62
FEURABSH-NCATSKLL_115_2	2-FN	115	116	120	145	25067	69
FISHKPLN-EFISHKIL_115_HF	HF	115	233	253	333	26227	47
FISHKPLN-SYLVANLK_115_FP/990	FP/990	115	203	226	239	25066	122
FITZPTRK-EDIC__345_FE-1	FE-1	345	1434	1434	1661	25077	643
FIVE_MIL-VALLEY44_115_152	152	115	129	148	160	326174	30
FIVE_MIL-VALLEY44_115_167	167	115	129	148	160	326173	31
FIVEMILE_345_115_BK1	TR1	345	538	597	597	326175	133
FIVEMILE-ESTOLERD_345_29	29	345	1634	1792	1792	327464	91
FIVEMILE-STOLLERD_345_29	29	345	639	769	840	326176	0
FLATROCK-BROWNFLS_115_2	2-FBF	115	114	123	142	26079	58
FLATSTR_-EELPOTRD_115_722	722	115	112	131	143	325287	2
FORGEBRK-MERTPARK_115_WF	WF	115	176	211	240	26229	56
FORTDRUM-N.CARTHG_115_2	2-DT	115	102	120	142	26090	18
FOXHILLS-WILLWBRK_138_29211	29211-1	138	182	262	439	25771	137
FOXHILLS-WILLWBRK_138_29212	29212-1	138	182	262	439	25772	126
FRASANNX-COOPERS_345_UCC2-41	UCC2-41	345	1793	1793	1793	326221	821
FRASER_345_115_BK 2	BK 2	345	305	386	420	25391	127
FRASER_-COOPERS_345_33	33	345	1494	1721	1793	25236	571
FRASER_-GILBOA_345_GF5-35	GF5-35	345	1428	1605	1793	25060	122
FRASERNY-DELHI_TP_115_951	951-3	115	251	255	255	26202	126
FREEMPORT-NEWBRDGE_138_461	461	138	223	289	339	25155	166
FRESHKLS_138_33_T22E	T22E	138	111	152	186	327069	58

Name	ID	KV	NORM	LTE	STE	PTID	Flow
FRESHKLS_138C_138A_R1_21191	21191	138	309	371	407	25639	214
FRESHKLS_138C_138B_R2_21192	21192	138	279	369	415	25640	215
FRESHKLS_345_138_TA 1	TA 1	138	309	371	407	25457	215
FRESHKLS_345_138_TB 1	TB 1	138	314	376	415	25458	215
FRNKYONG-CALSPAN_115_181-922	181-922	115	139	163	181	326277	49
FRNKYONG-WALDENNG_115_182	182	115	168	181	206	326279	47
FRONT_ST-ROSA_RD_115_11	11	115	200	239	239	26274	75
FTZPK_NM-LIGHTHSE_115_3	3-FLH	115	116	119	145	25502	30
FULLRHWL-MORGANRD_115_937	937	115	239	239	239	325223	1
GARDNVLA-GIRDLERD_115_705	705	115	215	239	239	25116	61
GARDNVLA-LANGNERD_115_903	903	115	249	255	255	325284	28
GARDNVLA-STOLLERD_230_66	66	230	474	574	665	25180	146
GARDNVLA_230_1__BK6P	BK6P	230	316	409	420	25405	56
GARDNVLA_230_1__BK7P	BK7P	230	202	253	300	25435	63
GARDNVLB_230_115_TR 2	BK 2	230	348	444	666	25385	55
GARDNVLB_230_115_TR 3	BK 3	230	382	462	462	25416	37
GARDNVLB_230_115_TR 4	BK 4	230	382	454	462	25417	55
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	32
GARDNVLB-CLVRBANK_115_142	142	115	88	101	108	26037	32
GARDNVLB-COBBLENM_115_152	152-1	115	187	215	236	26023	0
GARDNVLB-DUNKIRK_230_73	73	230	556	584	601	25166	54
GARDNVLB-DUNKIRK_230_74	74	230	505	505	505	25197	54
GARDNVLB-GARDNVLA_115_T1012	T1012	115	308	308	308	25085	46
GARDNVLB-GARDNVLA_115_T1112	T1112	115	249	267	283	326149	0
GARDNVLB-GARDNVLA_230_T8-12	T8-12	230	662	689	689	25089	26
GARDNVLB-WALDENNG_115_54-921	54-921	115	187	215	236	26035	22
GE_R_D_-GROOMS_115_20_15	20_15	115	200	217	260	26266	15
GELCKHM_-WETZEL_115_14	14-CG	115	220	252	280	326189	70
GETZVL60-AYERREND_115_36	36	115	174	181	226	26049	12
GETZVL60-AYERREND_115_37	37	115	174	181	226	26048	12
GILBOA_-LEEDS_345_GL3	GL3	345	1428	1605	1971	25219	461
GILBOA_-N.SCTLND_345_GNS-1	GNS-1	345	1428	1605	1866	25052	158
GINNA_-PANNELRG_115_912	912	115	227	251	264	25260	43
GINNA_-S124_115_913	913	115	218	228	261	26281	149
GINNA_-STA_135_115_909	909	115	226	249	269	325837	72
GINNA_-STA_135_115_937	937	115	244	281	318	325838	72
GINNA_-STA_204_115_908	908-1	115	252	302	355	26282	84
GINNA_-STA_204_115_911	911	115	251	300	354	26283	159
GIRDLERD-STOLLERD_115_706	706	115	203	226	239	325161	100
GLDNBRGD-CROTONFL_115_991	991	115	215	247	275	326416	9
GLENWDGT-ROSLYN_138_364	364	138	282	311	361	25556	26

Name	ID	KV	NORM	LTE	STE	PTID	Flow
GLENWOOD_138_69_BK 5	BK 5	138	112	138	156	25735	83
GLENWOOD_138_69_BK 6	BK 6	138	112	138	156	70637	79
GLENWOOD-CARLPLCE_138_363	363	138	250	307	339	25554	14
GLENWOOD-GLENWDGT_138_366	366	138	279	307	356	25555	18
GOETHALS_345_1__BK1P	1N	345	709	957	1052	325129	0
GOETHALS_345A_345B_BK 1N	BK 1N	345	688	843	1056	25641	2
GOETHALS-FRESHKLS_345_21	21	345	919	1006	1286	25138	6
GOETHALS-FRESHKLS_345_22	22	345	981	1390	1602	25137	6
GOETHALS-LINDN_CG_345_G23L	G23L	345	672	893	1630	26000	391
GOETHALS-LINDN_CG_345_G23M	G23M	345	672	893	1630	325203	391
GOLAH__MORTIMER_115_110	110	115	116	120	145	26034	76
GORDONRD_345_230_TR-G1	TR-G1	230	478	562	637	327483	221
GORDONRD_345_230_TR-G3	TR-G3	230	478	562	637	327484	221
GORDONRD-ROTTRDAM_230_30	30	230	501	607	680	327485	221
GORDONRD-ROTTRDAM_230_31	31	230	501	607	680	327486	221
GOUDEY_-ROBBLEAV_115_940	940	115	238	262	262	325166	29
GOUVNEUR-BATTHILL_115_8	8-GBH	115	76	87	94	26066	36
GOWANUS_138A_138B_PAR R14	PAR R14	138	237	289	338	25794	100
GOWANUS_138A_138B_PAR R2	PAR R2	138	344	436	600	25793	100
GOWANUS_345_138_BK T14	BK T14	138	248	335	421	25475	100
GOWANUS_345_138_BK T2	BK T2	138	344	436	600	25476	100
GOWANUS_345KV_REA_R41_REACTR	R41_REA	345	687	896	1315	26001	555
GOWANUS_345KV_REA_R42_REACTR	R42_REA	345	687	896	1315	26003	555
GOWANUS_-GOETHALS_345_25	25	345	492	702	1211	25139	387
GOWANUS_-GOETHALS_345_26	26	345	492	702	1211	25571	0
GOWANUS_-GREENWD_138_42231	42231	138	254	372	516	25214	100
GOWANUS_-GREENWD_138_42232	42232	138	237	289	338	25215	100
GOWANUSA-GREENWD_138_42G24	42G24	138	288	439	574	26007	124
GOWANUSC-GREENWD_138_42G13	42G13	138	286	404	574	26006	124
GR.GORGE-VINGR_TP_115_916 N.O.	916 N.O	115	125	152	193	26478	7
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	17
GREENDGE-MONTRFL_115_967	967	115	108	128	145	26184	17
GREENDGE-MONTRFL_115_970	970	115	124	138	158	26183	20
GREENLWN_138_69__BK5	BK5	138	108	133	156	26655	40
GREENLWN-ELWOOD__138_673	673	138	364	479	566	25546	89
GREENLWN-SYOSSET_138_676	676	138	245	352	562	25548	13
GREENWD_-FOXHILLS_138_29231	29231	138	174	235	368	25321	48
GREENWD_-FOXHILLS_138_29232	29232	138	174	235	368	25322	63
GRIFSAFB-REVERCOP_115_4	4	115	105	114	134	327447	31
GRISLD64-NIAGB130_115_182	182	115	174	181	226	26014	83
GROOMS_-JOHNSON_115_13-14	13	115	220	252	280	26267	81

Name	ID	KV	NORM	LTE	STE	PTID	Flow
GRS_LOCK-GELCKHM_115_8	8	115	156	179	195	26103	61
GRS_LOCK-HARRISRD_115_16	16-GT	115	116	120	145	26102	36
GRS_LOCK-SORELHIL_115_9	9	115	142	151	169	326801	66
GUARDIAN-HALEYRD_115_969	969	115	248	270	270	26167	70
HAGUE_RD-TICONDRG_115_2	2	115	62	62	62	326738	34
HAGUE_RD-TICONDRG_115_4	4	115	62	62	62	326739	10
HALEYRD_-GREENDGE_115_969	969	115	192	233	265	325294	45
HAMLTNM-ELBRIDGE_115_7-983	7-983	115	145	151	185	26096	73
HAMLTNM-HAMLTNNY_115_BK1	BK 1	115	30	37	56	25394	10
HAMRHILL-INDK-OSW_115_6	6	115	114	120	142	26114	43
HANAWAFL-COLTON__115_5	5	115	182	197	248	326185	14
HANCOCK_-HAZEL__115_955	955-1	115	90	90	90	26187	0
HARNGCRN-W.NYACK_69_701	701	69	118	135	142	26259	14
HARRISRD-TILDEN__115_16	16-GT	115	116	120	145	326815	11
HARSNRAD-ROBNSNRD_115_907	907	115	215	246	274	26162	16
HAUPPAUG-C._ISLIP_138_889	889	138	229	321	353	25681	58
HAZEL__-FERNDALE_115_955	955-2	115	102	113	120	26181	11
HDSNBRDG-DEWITT__115_10	10	115	265	320	368	325260	62
HDSNBRDG-DEWITT__115_7	7	115	265	320	368	325261	49
HELLGT_W-ASTORIAW_138_24052	24052	138	160	250	436	25211	23
HELLTP_W-HELLGT_W_138_15055L	15055L	138	210	301	384	25573	316
HELLTP_W-HELLGT_W_138_15055M	15055M	138	210	301	384	26729	317
HELLGT_E-ASTORIAE_138_34051	34051	138	174	235	368	25323	39
HELLGT_E-ASTORIAE_138_34052	34052	138	174	235	368	25324	39
HELLGT_W-ASTORIAW_138_24051	24051	138	160	250	436	25210	35
HELLGT_W-ASTORIAW_138_24053	24053	138	140	186	186	25212	128
HELLGT_W-ASTORIAW_138_24054	24054	138	140	186	186	25213	127
HELLGT_W-ASTORIAW_138_24056	24056	138	158	253	258	26461	35
HEWLETT_-VALLYSTR_69_260	260	69	107	132	146	325286	47
HICKLING-CATON__115_958	958	115	120	120	120	26189	18
HICKLING-YAWGERRD_115_964	964	115	125	134	148	26188	17
HILLBURN_138_69_BK 317	BK 317	138	203	226	247	26330	55
HILLBURN-RAMAPOOR_138_52	52	138	203	226	247	25882	55
HILLBURN-S.MAHWAH_69_65	65	69	139	159	167	26263	38
HILLSIDE_230_1_BK3P	BK3P	230	254	304	336	325759	103
HILLSIDE_230_1_BK4P	BK4P	230	393	474	560	325760	83
HILLSIDE-CHEMUNG_115_962	962	115	161	177	199	25726	25
HILLSIDE-WATRCURE_230_69	69	230	513	538	599	25181	175
HINMAN_-HARSNRAD_115_908	908	115	238	287	306	26161	124
HISHELDN-STONCREK_230_81	81	230	417	479	533	325622	5
HOLBROOK_138_69_BK 1	BK 1	138	227	263	302	69378	107
HOLBROOK_138_69_BK 2	BK 2	138	99	122	136	69376	44
HOLBROOK-NSHORBCH_138_884	884	138	329	380	435	25341	2

Name	ID	KV	NORM	LTE	STE	PTID	Flow
HOLBROOK-SILLSRD_138_872	872	138	440	487	594	25340	15
HOLBROOK-WEST BUS_138_888	888	138	495	543	622	25542	246
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	107
HOMER_HL-FIVE_MIL_115_169	169	115	221	256	287	26452	36
HOMER_HL-FIVE_MIL_115_170	170	115	221	256	287	26022	36
HOMER_HL-NILE___115_157	157-1	115	88	101	108	26041	30
HOMR_NYW-PIERC_NY_345_48	48	345	1287	1534	1622	326214	107
HOMRC_NY-MAINS_NY_345_47	47	345	1207	1404	1703	326121	107
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	40
HOPATCON-RAMAPO_500_5018	5018	500	999	1301	1713	25019	313
HOPKINS_-TEALLAVE_115_11	11	115	221	239	239	26105	78
HUDS_AVE-JAMAICA_138_701	701	138	147	221	360	25294	63
HUDS_AVE-JAMAICA_138_702	702	138	147	221	360	25295	63
HUDS_AVE-WATERSTR_138_32077T	32077T	138	196	247	323	326577	23
HUDSON_-FALLSPRK_115_20-731	20-731	115	186	214	237	326939	64
HUDSON_-VALKIN___115_15	15	115	186	214	237	26514	39
HUDSONP_-FARRAGUT_345_B3402	B3402	345	432	614	801	25020	0
HUDSONTP-W49TH_ST_345_Y56	Y56	345	9999	9999	9999	325893	0
HUNTLEY_-ELM_ST___230_70	70	230	432	477	491	25855	53
HUNTLEY_-PEROXYCM_115_39	39	115	168	181	206	26044	55
HUNTLEY_-SAWYER___230_79	79	230	566	654	755	25127	147
HUNTLEY_-SAWYER___230_80	80	230	566	654	755	25128	197
HUNTLEY_-SWETH224_115_37	37	115	148	148	148	26045	7
HUNTLEY_-TWOMLCRK_115_38	38	115	145	151	185	26047	55
HUNTLEY_-YOUNG214_115_36	36	115	168	176	176	26046	7
HURLYAVE_115_69_TR 3	TR 3	115	95	122	156	25837	26
HURLYAVE_345/115_BK 1	BK 1	345	419	481	488	25419	167
HURLYAVE-LINCNPBK_115_HP	HP	115	198	230	260	25833	70
HURLYAVE-ROSETON_345_303	303	345	1396	1623	1870	25218	449
HURLYAVE-STURGNPL_115_HS	HS	115	169	186	191	25834	55
HYATT___115_34_BK 1	BK 1	115	54	67	100	70329	20
HYATT_-BORDRCTY_115_10-979	979	115	127	146	159	25106	56
IMC_TAP_-MECO___115_15-IM	15-IM	115	125	143	154	26132	24
INDCORTH-SPIERFLS_115_18	18	115	278	321	368	26149	129
INDK-OSW-EPULASKI_115_2	2	115	114	120	142	25503	43
INDPDNCE_345_18_TB 5	MT 5	345	215	235	255	68303	166
INDPDNCE_345_18_TB 6	MT 6	345	215	235	255	68304	166
INDPDNCE-SCRIBA___345_25	25	345	1670	1931	2210	25859	36
INGHAM_C_115_115_PAR 2	PAR 2	115	167	197	239	25242	120

Name	ID	KV	NORM	LTE	STE	PTID	Flow
INGHAM_C-INGHAM_E_115_R81	R81	115	182	197	239	25243	56
INGHAM_E-ESPRGFLD_115_7-942	7	115	80	106	124	25061	24
INGHAM_E-FAGEDARY_115_9	9	115	105	114	134	25863	34
INGHAM_E-IMC_TAP_115_15	15-II	115	105	114	134	25871	36
INGHAM_E-STJHNVLE_115_6	6-IS	115	86	90	107	26133	23
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	99
JENNISON-HANCOCK_115_954	954	115	135	159	173	26186	26
JENNISON-KATTLVLE_115_943	943	115	124	139	159	25898	61
JENNISON-SIDNEYRR_115_949	949	115	80	110	120	26173	21
JOHNSON_-MAPLEWOD_115_12	12	115	220	239	239	26268	101
KATONAH_-AMAWALK_115_995	995	115	215	247	275	325279	31
KATONAH_-GLDNBRGD_115_991	991	115	215	249	275	26157	23
KENTAVE_-GREENWD_138_31232	31231-2	138	174	226	247	25299	164
KINGS_-WEST BUS_138_881	881	138	490	537	615	326911	27
KINTIGH_-STA_255_345_SH1-39	SH1-39	345				327459	
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	28
KNAPPCRN-SPACKILL_115_SK	SK	115	198	226	260	325777	2
KNTFSRNC-SCOTAFLT_115_913	913	115	120	120	120	26207	8
LABDELFE-FENERWND_115_3	3	115	102	122	142	326864	16
LADENTWN-BOWLINE_345_68	68	345	687	747	747	25249	363
LADENTWN-BUCHAN_S_345_Y88	Y88	345	1703	1894	2404	25185	1094
LADENTWN-WHAVSTRW_345_67-2	67-2	345	1720	2215	2657	25248	319
LAFAYTTE-CLRKSCRN_345_4-46	4-46	345	1207	1327	1479	25049	811
LAFAYTTE-DEWITT_345_22	22	345	1164	1164	1164	25174	270
LAKELAND-BELMONT_115_4	4	115	156	179	195	326804	53
LAKEVIEU-CLVRBANK_115_142	142	115	88	101	108	325881	25
LAKSUCSS_138_69_BK 5	BK 5	138	227	263	302	26603	127
LAKSUCSS_138_69_BK 6	BK 6	138	227	263	302	325098	116
LAKSUCSS_138A_138B_PAR	B_PAR	138	240	328	427	25593	200
LANGDON_-NORTHSDE_115_936	936	115	176	196	225	26160	48
LAONA_-MOONROAD_115_172	172	115	88	101	108	326591	3
LAONA_-MOONROAD_115_173	173	115	88	101	108	326592	3
LASHERRD-TAPBLSTN_115_43	43	115	402	467	478	327083	2
LAUREL L-GOUDEY_115_952	952	115	108	128	143	25012	70
LAWRNCV-HANAWAFL_115_5	5	115	220	252	280	26085	10
LAWRNCV-SUGARISL_115_4	4	115	220	252	280	326186	8
LEEDS_-ATHENS_345_95	95	345	1331	1538	1724	25789	100
LEEDS_-HURLYAVE_345_301	301	345	1396	1623	1870	25055	0
LIGHTHSE-EWATRTWN_115_5	5	115	116	120	145	25504	20
LIGHTHSE-MALLORY_115_7	7-CL	115	108	108	108	25521	27
LINCNPRK-EKINGSTN_115_LR	LR	115	194	214	240	26223	35



Name	ID	KV	NORM	LTE	STE	PTID	Flow
LINDEN_-GOETHALS_230_A2253	A2253	230	541	720	845	25017	2
LINDN_CG-LNDVFT__345_V-3022	V-3022	345	325	415	436	325657	312
LINESTAP-WOLF_RD__115_8	8	115	116	120	145	326641	51
LITTLRIV-COLTON__115_8	8	115	76	87	94	25514	2
LITTLRIV-PYRITES__115_7	7	115	76	87	94	326402	13
LNGRD209-GARDNVLB_115_180	180	115	160	166	206	326282	77
LOCKPORT-HINMAN__115_100	100	115	220	252	280	25087	88
LOCKPORT-N.AKRON__115_108	108	115	130	136	165	25266	27
LOCKPORT-OAKFIELD_115_112	112	115	131	144	158	25300	28
LOCKPORT-SHELBY76_115_113	113	115	143	165	180	25263	20
LOCKPORT-TELGRAPH_115_107	107	115	220	252	280	25265	43
LOCKPORT-TELGRAPH_115_111	111	115	199	199	199	25262	14
LOCKPORT-TELGRAPH_115_114	114-1	115	143	165	180	25264	26
LOCUSTGR-NEWRDGE_138_558	558	138	323	476	580	25158	241
LONG_MTN-CRICKVLY_345_398	398	345	1260	1786	2091	25033	63
LONGLANE-LAFARGE__115_6	6	115	116	120	145	25864	0
LOVETT__138_69_BK 147	BK 147	138	94	130	149	26331	30
LOVETT_-BOWLINOR_138_56	56	138	191	230	285	25877	35
LOVETT_-STONYPNT_138_54	54	138	187	228	268	25885	9
LOWVILLE-KRAFTFOD_115_5	5	115	105	114	134	26075	42
LUDLUM_-BENETTRD_115_161	161-3	115	168	185	206	326230	23
LUDLUM_-BENETTRD_115_162	162-2	115	168	185	206	326229	21
LUTHERFT-MALTA__115_43	43	115	197	256	287	325889	42
LUTHERFT-MALTA__115_44	44	115	197	256	287	325890	2
LUTHERFT-MULBRYNM_115_308	308	115	254	294	318	325742	48
LUTHERFT-STILWATR_115_3	3	115	254	294	333	26477	43
LYON_MTN-KNTFSRNC_115_1(911)	911	115	125	151	175	26205	5
LYSANDER-SORELHIL_115_13	13	115	192	221	245	326799	49
MACHIAS_-VALLEY44_115_152	152	115	129	148	158	326172	24
MACHIAS_-VALLEY44_115_167	151	115	124	138	158	326169	30
MADISON_-GRIFSAFB_115_4	4	115	105	114	134	327446	39
MADISON_-ROME__115_3	3	115	116	120	145	327442	23
MAINESBG-WATRCURE_345_30	30	345	1207	1326	1434	25018	53
MALLORY_-WETZEL__115_7	7-CL	115	155	155	155	326206	7
MALONE_-NICHVLE_115_3	3-NM	115	129	182	199	25585	9
MALONE_-WILLIS__115_1-910	1-MW	115	129	159	173	25586	61
MALTA__-TAPBLSTN_115_44	44	115	220	252	280	325892	14
MANCHSTR-SPACKILL_115_MC	MC	115	198	230	260	325776	26
MAPLE140-BUFALO54_115_38	38	115	174	181	226	326157	35
MAPLE140-BUFALO54_115_39	39	115	174	181	226	326158	34
MAPLEAVE-CHURCH_S_115_10	10	115	128	147	148	26120	2
MAPLEWOD-WTRVLARS_115_19	19	115	129	182	239	25870	60
MAPLEWOD-WTRVLARS_115_31	31	115	129	176	224	25844	80

Name	ID	KV	NORM	LTE	STE	PTID	Flow
MARCY__765_345_AT2	BK 2	765	1675	2010	2384	25456	708
MARCY__765_345_BK 1	BK 1	765	1488	1650	1756	25455	814
MARCY__-EDIC__345_UE1-7	UE1-7	345	1864	2079	2384	25229	569
MARCY__-FRASANNX_345_UCC2-41	UCC2-41	345	1793	1793	1793	25113	847
MARCY__-N.SCTLND_345_18	18	345	1488	1650	1971	25276	704
MARION_-FARRAGUT_345_C3403	C3403	345	414	589	767	25038	0
MARSHVLE-CLINTON_115_12	12	115	125	143	154	325267	1
MASSENA_765_230_AT1	BK 1	765	936	1197	1872	25665	120
MASSENA_765_230_AT2	BK 2	765	936	1197	1872	25666	120
MASSENA-MARCY__765_MSU1	MSU1	765	5300	5300	5300	25224	1522
MCADOO_-DEKALB_115_4	4	115	76	87	89	26064	14
MCADOO_-LITTLRIV_115_8	8	115	76	87	94	326404	2
MCADOO_-MCINTYRE_115_8	8	115	128	147	159	326410	2
MCINTYRE-CORNING_115_6	6	115	128	136	137	26108	6
MCINTYRE-OGDNSBRG_115_2	2	115	55	55	55	326406	14
MCKNOWNV-NEWKRMKL_115_8	8	115	258	321	368	26499	136
MECO__-CENTERST_115_22	22	115	125	130	130	327075	2
MENANDS_-REYNOLDS_115_2	2-MR	115	217	250	280	26135	124
MENANDS_-RIVERSDE_115_3	3-MR	115	250	303	368	26134	135
MENANDS_-WTRVLARS_115_19	19	115	128	147	159	326246	63
MERTPARK-WICCOPEE_115_WP	WP	115	194	214	240	325772	28
MEYER__230_1__BK4P	BK4P	230	201	223	268	325765	31
MEYER__-CANANDGA_230_60	60	230	483	556	634	325604	14
MEYER__-MORAINE_115_966	966	115	125	152	191	26166	36
MIDDLEOR-SHOEMAKR_138_29	29	138	500	572	601	26468	278
MIDDLELD-BABBITSC_115_6	6	115	116	120	145	326735	8
MIDDLETP_345_138_BK 114	BK114	345	500	572	601	26465	279
MIDDLETP-ROCKTVRN_345_CCRT-34	MTR-34	345	1704	1852	2362	26464	471
MILAN__-PLSTVYCH_115_10	10	115	129	158	192	26433	31
MILAN__-RHINEBCK_115_MR	MR	115	175	193	220	26242	2
MILLERPL-HOLBROOK_138_885	885	138	386	470	555	26691	19
MILLIKEN-ETNA__115_974	974	115	185	224	255	26177	1
MILLIKEN-ETNA__115_975	975	115	185	224	255	26178	1
MILLWOOD_345_138_TA 1	TA 1	138	216	307	346	25530	61
MILLWOOD_345_138_TA 2	TA 2	138	205	297	321	25531	60
MILLWOOD-EASTVIEW_345_W82	W82	345	2296	2658	3202	25147	1025
MILLWOOD-EASTVIEW_345_W85	W85	345	2296	2658	3202	25258	973
MILLWOOD-EASTVIEW_345_W99	W99	345	2296	2658	3202	25255	972
MILTON_C-GRS_LOCK_115_18	18-MG	115	129	148	160	26104	28
MILTR210-SUMMIT97_115_129	129	115	239	274	278	326288	102
MILTR210-SUMMIT97_115_130	129	115	239	298	298	326291	113
MNTNDALE-WWDBURNY_115_957	957	115	107	128	138	325616	26
MODENA_115_69_BK1	BK1	115	33	41	53	26325	1



Name	ID	KV	NORM	LTE	STE	PTID	Flow
MODENA_-OHIOVLE_115_PX	PX	115	232	257	304	25835	14
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	11
MOHICAN_-BATNKILL_115_15	15	115	221	256	287	26122	29
MOHICAN_-SCHAGCKT_115_309	309	115	186	214	237	26687	34
MONSEY_-BURNS__138_601	601	138	425	451	475	325608	96
MONTRFL_-CODNIGTN_115_982	982	115	107	128	144	25728	6
MONTRFL_-RIDGE_RD_115_963	963-2	115	107	128	145	26196	5
MONTRFL_-RIDGE_RD_115_978	978-2	115	108	128	145	26197	4
MOONROAD-FALCONER_115_175	175	115	88	101	108	26030	3
MOONROAD-FALCONER_115_176	176	115	88	101	108	26031	3
MORGANRD-LANGDON_115_936	936	115	203	226	239	325224	16
MORTIMER-FAIRPORT_115_1	1	115	129	151	163	25163	38
MORTIMER-FAIRPORT_115_2	2	115	129	144	158	25240	4
MORTIMER-SHELBY76_115_114	114	115	143	158	180	326129	5
MORTIMER-STA_56__115_24	24-1	115	129	148	160	25096	54
MORTIMER-STA_89__115_25	25	115	114	123	142	25095	52
MOSES__230_115_AT1	BK 1	230	401	490	646	25411	2
MOSES__230_115_AT2	BK 2	230	401	490	646	25451	2
MOSES__230_115_AT3	BK 3	230	192	240	288	25452	0
MOSES__230_115_AT4	BK 4	230	479	589	690	25453	2
MOSES__-ADIRNDCK_230_MA1	MA1	230	348	386	440	25269	75
MOSES__-ADIRNDCK_230_MA2	MA2	230	349	386	440	25270	75
MOSES__-ALCOA_PA_115_MAL6	MAL6	115	219	230	230	25581	80
MOSES__-GRASRIVR_115_MAL4	MAL4	115	238	275	310	25582	83
MOSES__-GRASRIVR_115_MAL5	MAL5	115	207	207	207	25583	83
MOSES__-MASSENA_230_MMS1	MMS1	230	936	1197	1391	25274	120
MOSES__-MASSENA_230_MMS2	MMS2	230	936	1197	1414	25275	120
MOSES__-MED-ENGS_115_MRG1	MRG1	115	174	193	220	26328	107
MOSES__-MED-ENGS_115_MRG2	MRG2	115	174	193	220	26335	85
MOSES__-REYNLDPA_115_MR3	MR3	115	153	153	153	26332	0
MOSES__-WILLIS__230_MW1	MW1	230	349	386	440	25188	7
MOSES__-WILLIS__230_MW2	MW2	230	349	386	440	25271	0
MOTTHAVN_345_138_TR6	TR6	345	457	558	603	325428	0
MOTTHAVN_345_138_TR7	TR7	345	457	558	603	325426	0
MOTTHAVN_345_138_TR8	TR8	345	457	558	603	325427	0
MOTTHAVN_345_138_TR9	TR9	345	457	558	603	325429	0
MOTTHAVN-RAINEY__345_Q11	Q11	345	707	833	1298	325430	377
MOTTHAVN-RAINEY__345_Q12	Q12	345	707	833	1298	325431	352
MOUNTAIN-SWANROAD_115_103	103	115	176	211	240	26054	71
MOUNTAIN-SWANROAD_115_104	104	115	176	211	240	26053	0
MULBRYNM-EASTOVER_115_308	308	115	186	214	237	26475	84
MUMFRD50-GOLAH__115_119	119	115	129	160	173	326560	15

Name	ID	KV	NORM	LTE	STE	PTID	Flow
N_SALEM-BATNKILL_115_989	989	115	40	50	57	26448	5
N.AKRON_-BATAVIA_115_107	107	115	159	159	159	25124	12
N.AKRON_-BATAVIA_115_108	108	115	125	136	154	25125	12
N.CARTHG-TAYLORVL_115_8	8	115	102	119	119	26431	6
N.END__115_46_BK 1	BK 1	115	61	61	69	25849	41
N.END_-ASHLEYRD_115_702	702	115	287	333	388	25846	60
N.END_-PLATSBRG_115_701	701	115	217	239	239	25848	137
N.HEMPST-WHAVSTOR_138_530	530	138	236	270	285	26506	93
N.SCTLND_345_115_BK 1	BK 1	345	458	570	731	25445	7
N.SCTLND_345_115_BK 2	BK 2	345	510	690	794	25460	1
N.SCTLND-ALBANY__115_8	8-NA	115	278	321	368	25496	20
N.SCTLND-ALPS__345_2	2	345	1204	1326	1685	25217	78
N.SCTLND-ALTAMONT_115_20	20-NV	115	116	120	145	25492	69
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	90
N.SCTLND-LEEDS__345_93	93	345	1331	1538	1724	25171	425
N.SCTLND-LEEDS__345_94	94	345	1331	1538	1724	25203	426
N.SCTLND-OWENSCRN_115_7	7	115	116	120	145	25491	10
N.SCTLND-OWENSCRN_115_9	9	115	116	120	145	25490	17
N.SCTLND-ROTTDAM_115_13	13-NR	115				25494	
N.SCTLND-VORHVSLE_115_19	19-NV	115	116	120	145	25493	59
N.TROY_-EASTOVER_115_306	308	115	186	214	237	326095	16
N.TROY_-EASTOVER_115_307	10	115	186	214	237	326096	14
N.TROY_-HOOSICK_115_5	5-NHF	115	220	252	280	26131	3
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	14
NANGOLA_-DELEMTER_115_142	142	115	88	101	108	325879	9
NANGOLA_-SILVRCK_115_141	141	115	88	101	108	325871	4
NANGOLA_-SILVRCK_115_142	142	115	88	101	108	325878	1
NANOTECH-MCKNOWNV_115_2	2	115	258	321	368	326637	112
NBRDWYNG-ERIE_ST_115_181-922	181-922	115	124	139	159	26011	10
NCATSKLL_115_69_TR 4	TR 4	115	112	129	187	25839	31
NCATSKLL_115_69_TR 5	TR 5	115	112	129	143	25818	31
NCHELSEA_115_69_BK TR1	BK TR1	115	112	130	156	25836	15
NCHELSEA-FISHKPLN_115_NF	NF	115	183	248	279	26228	85
NCHELSEA-FORGEBRK_115_FO	FO	115	176	211	240	26230	94
NEPTUNE_-DUFFYAVE_345_NEPTUNE	NEPTUNE	345	660	785	785	325304	650
NESCNET-HOLBROOK_69_673	673	69	100	120	130	326339	54
NEVRSNK_-NVRSK_TP_69_WH	WH1-2	69	77	99	107	26244	8
NEWBRDGE_138_69_BK 6	BK 6	138	114	141	159	26604	77
NEWBRDGE_138_69_BK 7	BK 7	138	114	141	159	26605	81
NEWBRDGE_345_138_BK_1	BK 1	345	375	450	596	325301	325

Name	ID	KV	NORM	LTE	STE	PTID	Flow
NEWBRDGE_345_138_BK_2	BK 2	345	385	469	562	325302	325
NEWBRDGE-BAGATLRD_138_563	563	138	370	471	575	25536	36
NEWBRDGE-DUFFYAVE_345_501	501	345	660	750	750	325303	650
NEWBRDGE-EGRDNCTY_138_467	467	138	251	389	619	325378	30
NEWBRDGE-RULAND__138_561	561	138	236	274	302	25305	51
NEWBRDGE-RULAND__138_562	562	138	234	272	300	25306	51
NEWBRDGE-RULAND__138_567	567	138	240	388	601	325379	53
NEWKRMKL-ALBANY__115_7	7	115	275	303	354	325257	154
NIAGARA_230_115_AT1	BK T1	230	240	299	479	25409	53
NIAGARA_230_115_AT2	BK T2	230	239	349	418	25410	47
NIAGARA_345_230_AT3	BK 3	345	376	470	564	25408	75
NIAGARA_345_230_AT4	BK 4	345	751	924	1082	25449	137
NIAGARA_345_230_AT5	BK 5	345	376	470	564	25450	75
NIAGARA_-DYSINGER_345_ND1	ND1	345	1301	1501	1685	327443	162
NIAGARA_-DYSINGER_345_ND2	ND2	345	1301	1501	1685	327456	162
NIAGARA_-LNGRD209_115_180	180	115	200	208	265	25104	88
NIAGARA_-MOUNTAIN_115_120	120	115	176	211	258	25135	71
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	344	487	597	25075	122
NIAGARA_-PACKARD__115_192	192	115	344	487	597	25099	142
NIAGARA_-PACKARD__115_193	193	115	344	487	597	25100	127
NIAGARA_-PACKARD__115_194	194	115	344	487	597	25101	127
NIAGARA_-PACKARD__115_195	195	115	344	487	597	25102	148
NIAGARA_-PACKARD__230_61	61	230	626	727	846	25186	266
NIAGARA_-PACKARD__230_62	62	230	626	717	846	25220	261
NIAGARA_-ROBNSNRD_230_64	64	230	495	550	656	25088	177
NIAGARA_-SANBORN__115_101	101	115	273	301	352	326180	68
NIAGARA_-SANBORN__115_102	102	115	273	301	352	25103	67
NIAGARA_-STA_255_345_NH2	NH2	345				327247	
NIAGB130-ECWABALP_115_181-922	181-922	115	174	181	226	26057	74
NIAGB130-ECWABALP_115_182	182	115	174	181	226	326278	69
NICHLVLE-PARISHVL_115_3	3-PN	115	128	147	159	26110	3
NILE__-ANDOVER__115_157	157-2	115	105	114	134	26016	6
NINEMILE-CLAY__345_8	8	345	1032	1271	1416	25167	803
NINEMILE-FTZPK_NM_115_4	4-NF	115	119	119	159	25500	30
NINEMILE-SCRIBA__345_9	9	345	1032	1284	1562	25359	189
NO.LEROY-MUMFRD50_115_119	119	115	129	160	173	326559	15
NOGDNBRG-MCINTYRE_115_9	9-NOM	115	159	159	159	26080	14
NORFOLK_-LAWRNCAV_115_4	4	115	220	252	280	326397	16
NRTH1385-NOR HBR_138_601	601	138	147	182	409	325597	35
NRTH1385-NOR HBR_138_602	602	138	147	182	409	325598	34
NRTH1385-NOR HBR_138_603	603	138	147	182	409	325599	34

Name	ID	KV	NORM	LTE	STE	PTID	Flow
NRTH1385-NRTHPORT_138_NNC	1385	138	436	518	532	25035	103
NRTHPORT_138_138_PS2	138_PS2	138	386	470	555	25599	184
NRTHPORT_138N_138E_PAR 1	E_PAR 1	138	436	518	532	25598	103
NRTHPORT-ELWOOD__138_678	678	138	356	474	559	25543	110
NRTHPORT-ELWOOD__138_681	681	138	358	539	617	25544	105
NRTHPORT-PILGRIM__138_672	672	138	188	288	349	25307	137
NRTHPORT-PILGRIM__138_677	677	138	377	531	608	25308	275
NRTHPORT-PILGRIM__138_679	679	138	382	531	608	25309	275
OAKDALE_345_1__BK3P	BK 3	345	420	499	600	25399	0
OAKDALE_230_115_BK 1	BK 1	230	275	398	398	25400	13
OAKDALE_345_115_BK 2	BK 2	345	433	454	523	25401	226
OAKDALE_-DELHI__115_919	919	115	161	177	179	25897	10
OAKDALE_-ENDICOTT_115_938	938	115	175	175	175	26198	103
OAKDALE_-FRASER__345_32	32	345	1254	1314	1314	25235	34
OAKDALE_-GOUDEY__115_939	939	115	238	274	306	26182	132
OAKDALE_-KATTLVLE_115_943	943	115	153	163	173	26201	71
OAKDALE_-NORTHSDE_115_944	944	115	185	224	239	26199	95
OAKFIELD-BATAVIA_115_112-2	112-2	115	128	136	159	25126	16
OAKSTRET-CORPDRIV_138_704	704	138	235	309	383	326882	92
OAKWD232-LOCKPORT_115_36	36	115	199	199	199	326369	56
OAKWD232-LOCKPORT_115_37	37	115	199	199	199	326372	56
OAKWOOD_-ELWOOD__138_674	674	138	364	479	566	25545	35
OAKWOOD_-SYOSSET__138_675	675	138	245	352	562	25547	18
OHIOVLE-HIGHLAND_115_OR	OR	115	182	197	240	26247	1
ONEIDA_-GRNEMPFM_115_2	2-OT	115	116	120	145	25895	47
ONEIDA_-SHERILPL_115_6	6	115	116	120	145	26113	27
ONEIDA_-WALESVIL_115_7	7	115	116	120	145	26115	38
OSWEGO__345_115_BK 7	BK 7	345	489	552	690	25372	325
OSWEGO_-ELBRIDGE_345_17	17	345	1207	1326	1426	25234	889
OSWEGO_-S.OSWEGO_115_3	3-OS	115	209	250	250	25507	132
OSWEGO_-S.OSWEGO_115_5	5-OS	115	209	250	250	25508	132
OSWEGO_-S.OSWEGO_115_8	8-OS	115	318	318	318	25509	47
OSWEGO_-VOLNEY__345_11	11	345	1200	1326	1685	25199	157
OSWEGO_-VOLNEY__345_12	12	345	1200	1326	1685	25201	157
OWENSCRN-SABICO__115_9	9	115	116	120	145	325737	37
PACKARD__230_115_BK 3	BK 3	230	189	250	250	25414	19
PACKARD__230_115_BK 4	BK 4	230	190	250	250	25415	54
PACKARD_-LNGRD209_115_182	182	115	200	208	265	26056	102
PACKARD_-MILTR210_115_129	129	115	239	298	298	25906	113
PACKARD_-MILTR210_115_130	130	115	239	298	298	26059	122
PACKARD_-NIAGB130_115_181-922	181-922	115	160	166	206	26055	88
PACKARD_-SAWYER__230_77	77	230	556	644	746	25164	251
PACKARD_-SAWYER__230_78	78	230	556	644	746	25195	251

Name	ID	KV	NORM	LTE	STE	PTID	Flow
PALMITER-BENNETT_115_932	932	115	79	101	108	26165	5
PANNELL_345_115_4T	BK 4	345	489	598	598	326315	100
PANNELL_345_115_5T	BK 5	345	489	598	598	326316	100
PANNELL_345_115_6T	BK 6	345	493	556	556	326317	102
PANNELL_-CLAY___345_1	1	345	1195	1315	1673	25058	598
PANNELL_-CLAY___345_2	2	345	1195	1315	1673	25050	600
PANNELRG-FARMGTN_115_4-977	4-977	115	250	296	321	25080	95
PANNELRG-STA_56__115_24	24	115	129	148	160	26285	91
PANNELRG-STA_56__115_25	25	115	129	148	160	26284	88
PARISHVL-COLTON__115_3	3-CP	115	128	147	159	25241	5
PATRVLE-ROTRDAM_115_10	10-AR	115	116	120	131	26428	19
PATROON_-NANOTECH_115_6	6	115	278	321	368	25866	84
PATROON_-PATRTAP_115_15	15	115	160	176	224	25867	34
PATRTAP_-EVERETRD_115_15	15	115	148	166	166	26493	47
PAVMNTRD-STOLLERD_115_926	926	115	249	287	319	325220	95
PAWLING_-TILYFSTR_115_994	994	115	249	287	312	25902	40
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	13
PEBLHILL-DEWITT__115_19	19	115	187	213	236	327232	113
PEROXYCM-TWOMLCRK_115_39	39	115	145	151	185	327141	55
PETERBOR-ONEIDA__115_5	5	115	116	120	127	25896	21
PIERCBRK-FIVEMILE_345_37	37	345	1195	1195	1195	326225	42
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	61
PINEBUSH-SANDCREK_115_12	12	115	116	120	145	326635	53
PINEBUSH-WOODLAWN_115_35	35	115	116	120	145	326633	12
PINEGROV-FLYROAD_115_3	3	115	220	252	280	327238	46
PLATSBRG_230_1__AT4	BK 4P	230	280	344	403	325801	4
PLATSBRG_230_115_AT2	AT2	230	249	277	318	326870	1
PLATSBRG-KNTFSRNC_115_PS1	PS1	115	125	151	180	25078	14
PLATSBRG-PLATSBRG_115_PS1TM	PS1TM	115	157	179	197	325732	21
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	37
PLSNTVLE-DUNWODIE_345_W89	W89	345	1868	2081	2384	25182	1011
PLSNTVLE-DUNWODIE_345_W90	W90	345	1720	1977	2265	25250	1046
PLSNTVLY-EFISHKIL_345_F36	F36	345	1720	2215	2657	25256	507
PLSNTVLY-EFISHKIL_345_F37	F37	345	1720	2215	2657	25257	507
PLSNTVLY-WOOD_ST_345_F30	F30	345	1720	2214	2657	25237	1075
PLSNTVLY-WOOD_ST_345_F31	F31	345	1720	2214	2657	25238	0
PLSTVYCH_115_69_TR 10	TR 10	115	107	120	143	25840	46
PLSTVYCH_345_115_BK S1	BK S1	345	396	450	450	25382	96

Name	ID	KV	NORM	LTE	STE	PTID	Flow
PLSTVYCH-INWOOD__115_X1	X-1	115	175	193	220	26209	32
PLSTVYCH-MANCHSTR_115_M	M	115	183	230	260	26208	53
PLSTVYCH-TODDHILL_115_C	C	115	183	248	295	325156	60
PLYMTHST-HUDS_AVE_138_32078	32078	138	144	248	464	326581	23
PORTER_-DERFIELD_115_8	8	115	105	114	127	26116	15
PORTER_-VALLEY__115_4	4-PV	115	116	120	145	25231	81
PORTER_-WATKINRD_115_5	5-PW	115	116	120	145	25232	87
PORTJEFF_138_69_BK 7	BK 7	138	111	138	156	25601	56
PORTJEFF_138_69_BK 8	BK 8	138	114	141	159	25600	44
PORTJEFF-HOLBROOK_138_862	862	138	248	305	336	25539	44
PORTJEFF-HOLBROOK_138_886	886	138	289	318	369	25540	45
PYRITES_-DEKALB__115_7	7	115	76	87	94	26065	14
QUAKERRD-MACEDON__115_930	930	115	60	75	112	25093	30
QUAKERRD-PANNELRG_115_914	914	115	207	247	264	25261	33
QUAKERRD-PANNELRG_115_925	925	115	274	303	354	25682	58
QUAKERRD-SLEIGHT__115_13-980	980(13)	115	150	169	188	25079	32
QUAKERRD-STA_204__115_908	908	115	227	251	285	26286	54
QUENBRDG-VERNON__138_31281	31281	138	363	455	602	25159	89
QUENBRDG-VERNON__138_31282	31282	138	363	455	602	25160	59
QUENSBRY-CEDAR__115_10	10	115	128	147	159	26140	55
QUENSBRY-SHERMAN__115_17	17-QS	115	116	120	145	26142	57
RAINEY_-E75THSTA_138_38M35	38M35_2W	138	150	214	234	327306	147
RAINEY_-FARRAGUT_345_61	61	345	537	749	1247	25152	318
RAINEY_-FARRAGUT_345_62	62	345	691	818	1281	25253	280
RAINEY_-FARRAGUT_345_63	63	345	537	749	1247	25254	304
RAINEY_-VERNON__138_36311	36311	138	233	280	317	25296	25
RAINEY_-VERNON__138_36312	36312	138	245	303	342	25297	53
RAMAPO__345_138_BK 1300	1300	345	592	677	743	25441	133
RAMAPO__345_138_BK 2300	2300	345	592	677	743	25442	133
RAMAPO__345_345_PAR3500	PAR3500	345	611	788	1054	25370	157
RAMAPO__345_345_PAR4500	PAR4500	345	575	803	1081	25371	157
RAMAPO__500_345_BK 1500	BK 1500	345	995	1304	1750	25656	313
RAMAPO_-BUCHAN_N_345_Y94	Y94	345	1703	1894	2404	25184	926
RAMAPO_-LADENTWN_345_W72	W72	345	1722	1894	2404	25233	416
RAMAPO_-SUGARLOF_345_76	76	345	1872	2037	2145	326219	725
RAMAPOOR-STRLFRST_138_26	26	138	236	270	285	326302	68
RAMAPOOR-TALLMAN__138_60	60	138	425	451	475	25880	182
RANGEHL_-CASTLEGD_115_937	937	115	149	149	149	325225	18
REGENRON-GREENBSH_115_9	9	115	352	422	474	327081	243
REGENRON-RVSD_TAP_115_4	4	115	232	241	291	327082	2
REVERCOP-ROME__115_4	4	115	116	120	145	26072	19
REYNOLDS_345_115_BK 2	BK 2	345	459	538	646	25403	178
REYNOLDS-ALPS__345_1	1	345	1670	1912	1912	25587	409

Name	ID	KV	NORM	LTE	STE	PTID	Flow
REYNOLDS-GERENSLR_115_31	31	115	220	252	280	326247	88
REYNOLDS-REGENRON_115_9	9	115	329	400	474	26129	235
REYNOLDS-RVSD_TAP_115_4	4	115	220	241	280	325648	21
RICHFELD-ESPRGFLD_115_7-942	942	115	111	131	143	26176	22
RIDGE_RD-HILLSIDE_115_963	963	115	108	128	145	26190	23
RIDGE_RD-HILLSIDE_115_978	978-1	115	108	128	145	26191	21
RIVERSDE-RVSD_TAP_115_4	4	115	220	239	239	26144	19
RIVERSDE-TRINITY_115_18	18	115	147	178	243	26491	94
RIVERSDE-TRINITY_115_19	19	115	198	242	278	26492	116
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	120
ROBNSNRD_230_1__BK1P	BK 1	230	331	383	420	25395	37
ROBNSNRD-STOLLERD_230_65	65	230	550	637	717	25065	140
ROCHESTR_345_115_BK 1	BK 1	345	494	603	630	25412	96
ROCHESTR_345_115_BK 2	BK 2	345	327	415	478	25432	116
ROCHESTR_345_115_BK 3	BK 3	345	494	603	630	25446	105
ROCHESTR_345_115_BK 5	BK 5	345	462	567	630	325381	198
ROCHESTR-PANNELL_345_RP1	RP1	345	1301	1501	1685	25192	434
ROCHESTR-PANNELL_345_RP2	RP2	345	1301	1501	1685	25172	436
ROCK_CUT-TILDEN__115_18	18	115	187	208	236	326281	0
ROCKHILL-MNTNDALE_115_957	957	115	153	163	173	325615	33
ROCKTVRN_345_115_BK TR1	BK TR1	345	396	445	445	25406	86
ROCKTVRN_345_115_BK TR3	BK TR3	345	396	459	519	26168	87
ROCKTVRN-RAMAPO__345_77	77	345	1872	2037	2145	25183	842
ROCKTVRN-SUGARLOF_345_76	76	345	1872	2037	2145	326218	890
ROCKTVRN-UNION_CH_115_RJ	RJ	115	161	177	221	326347	41
ROME__-TURNSTON_115_1	1-RO	115	200	217	239	26112	23
RONKOKMA-HOLBROOK_138_875	875	138	472	517	592	25541	106
ROSA_RD_-GE_R_D__115_14	14	115	200	217	260	26145	38
ROSETON_-EFISHKIL_345_RFK305	RFK305	345	1936	2666	3133	25108	1333
ROSETON_-ROCKTVRN_345_311	311	345	1396	1623	1870	25069	314
ROTTRDAM_230_115_BK 6	BK 6	230	352	414	478	25407	148
ROTTRDAM_230_115_BK 7	BK 7	230	300	355	402	25392	143
ROTTRDAM_230_115_BK 8	BK 8	230	326	369	423	25413	115
ROTTRDAM-BURDECK_115_17	17-RB	115	116	120	145	25129	34
ROTTRDAM-BURDECK_115_19	19-RB	115	116	120	145	26146	43
ROTTRDAM-CURRY_RD_115_11	11	115	220	252	280	25869	11
ROTTRDAM-EASTOVER_230_38	38	230	482	530	637	326094	36
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	81
RULAND_-HOLBROOK_138_882	882	138	394	479	566	25538	36



Name	ID	KV	NORM	LTE	STE	PTID	Flow
RULAND_-PILGRIM_138_661	661	138	385	468	551	25310	103
RULAND_-PILGRIM_138_662	662	138	483	529	544	25311	103
RUTHROAD-LINE8TAP_115_8	8	115	116	120	145	326639	39
RUTHROAD-PINEBUSH_115_12	12	115	186	214	237	326634	40
RYAN__-PLATSBRG_230_RYP-2	RYP-2	230	249	277	318	25273	4
RYNDS_HL-HIGHLAND_115_HR	HR	115	176	194	221	325825	16
RYNDS_HL-INWOOD__115_IR	IR	115	175	193	220	26248	50
S.MAHWAH-RAMAPOOR_138_51	51	138	236	270	285	25888	97
S.OSWEGO-CLEARWTR_115_9	9	115	192	199	199	25510	96
S.OSWEGO-CURTIS__115_10	10	115	175	175	175	25511	86
S.OSWEGO-HAMRHILL_115_6	6	115	116	120	145	25513	4
S.OSWEGO-NINEMILE_115_1	1-SN	115	116	120	145	25501	37
S.OWEGO_-GOUDEY__115_961	961	115	112	131	143	25725	21
S.OWEGO_-NWAVERLY_115_962	962-2	115	111	131	143	25727	27
S.PERRY_-MEYER__115_934	934	115	82	96	104	26194	32
S.PERRY_-MEYER__230_87	87	230	417	479	533	326586	46
S.RIPLEY-DUNKIRK_230_68	68	230	475	475	475	25045	28
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	37
SABICO_-LONGLANE_115_7	7	115	199	199	199	26501	3
SALAMANC_HOMER_HL_115_153	153	115	128	147	159	325763	35
SALAMANC_HOMER_HL_115_154	154	115	128	147	159	325764	38
SANBORN_-LOCKPORT_115_101	101	115	233	253	318	25267	61
SANBORN_-SHAWNERD_115_102	102	115	275	303	354	326179	67
SAND_BAR-PLATSBRG_115_PV20	PV20	115	210	245	258	25027	104
SANDCREK-LINE8TAP_115_8	8	115	116	120	145	326640	12
SANDCREK-STATE_CA_115_12	12	115	148	166	166	326636	53
SANDDOCK-NCHELSEA_115_SC	SC	115	183	248	279	26249	49
SAWYER__230_23_TB1	TB1	230	104	128	128	325047	52
SAWYER__230_23_TB2	TB2	230	104	128	128	325048	53
SAWYER__230_23_TB3	TB3	230	104	128	128	325049	50
SAWYER_-HUNTLEY_230_77	77	230	566	654	755	325043	199
SAWYER_-HUNTLEY_230_78	78	230	566	654	755	325044	198
SAWYER_-SUNY_BUF_230_79	79	230	566	654	710	325045	147
SAWYER_-SUNY_BUF_230_80	80	230	566	654	755	325046	146
SCHAGCKT-EASTOVER_115_10	10	115	186	214	237	327071	113
SCHAGCKT-MULBRYNM_115_3	3	115	186	214	237	327072	40
SCHODACK-GREENBSH_115_13	13	115	186	214	237	325804	84
SCHUYLER-PORTER__115_13	13	115	176	191	191	326142	44



Name	ID	KV	NORM	LTE	STE	PTID	Flow
SCOTAFLT-MASONCR_115_909	909	115	155	179	193	325702	6
SCRIBA_-FITZPTRK_345_FS-10	FS-10	345	1434	1434	1662	25076	200
SCRIBA_-VOLNEY__345_20	20	345	1200	1396	1686	25204	542
SCRIBA_-VOLNEY__345_21	21-SV	345	1670	1912	1912	25314	711
SEBATVIA-EBATAVIA_115_119	119	115	220	252	280	326098	9
SENECA_-GARDNVLB_230_71	71	230	241	241	241	25856	22
SENECA_-GARDNVLB_230_72	72	230	241	241	241	25857	22
SHALETON-CLVRBANK_115_141	141	115	88	101	108	325875	26
SHALETON-LAKEVIEU_115_141	141	115	88	101	108	325874	24
SHAWNERD-LOCKPORT_115_102	102	115	233	253	318	26052	58
SHAWNERD-LOCKPORT_115_103	103	115	174	181	199	26051	45
SHELBY76-SWEDEN__115_111	111	115	221	256	287	326393	14
SHENDOAH-EFISHKIL_115_EF	EF	115	198	230	260	26251	37
SHERILPL-YAHNUNDA_115_6	6	115	116	120	135	326740	7
SHERMAN_-SPIERFLS_115_17	17-SS	115	116	120	145	26148	45
SHERMCRK-ACADEMY_138_331	331	138	313	406	524	325755	159
SHERMCRK-ACADEMY_138_332	332	138	313	406	524	325754	159
SHERMCRK-E179THST_138_15031	15031	138	162	220	360	25156	142
SHERMCRK-E179THST_138_15032	15032	138	162	220	360	25157	140
SHOEMAKR_138_69_BK 711	BK 711	138	212	281	319	26694	89
SHOEMAKR_138_69_BK 811	BK 811	138	193	225	253	326024	111
SHOEMAKR-CHESTROR_138_27	27	69	236	270	285	26466	70
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	312
SHORE_RD_345_138_BK 2	BK 2	345	439	534	641	25440	291
SHORE_RD-GLENWOOD_138_365	365	138	289	318	369	25205	93
SHORE_RD-GLENWOOD_138_366	366	138	468	528	636	25154	65
SHORE_RD-LAKSUCSS_138_367	367	138	238	413	545	25145	221
SHORE_RD-LAKSUCSS_138_368	368	138	239	414	547	25150	221
SHOREHAM-MILLERPL_138_879	879	138	394	479	566	25117	27
SHOREHAM-WILDWOOD_138_863	863	138	442	490	597	25115	180
SHOREHAM-WILDWOOD_138_867	867	138	395	481	567	25114	177
SIDNEYRR-DELHI__115_949	949	115	79	109	127	326184	43
SLEIGHT_115_34_BK 1	BK 1	115	35	43	67	70523	22
SLEIGHT_115_34_BK 2	BK 2	115	35	43	67	70524	25
SLEIGHT_-CLYDE__115_3-971	971(3)	115	129	143	143	26686	15
SMAHWAH_345_138_BK 258	258	345	441	516	569	25393	147
SMAHWAH_-RAMAPO__345_69	69	345	1226	1737	2102	25021	153
SMAHWAH_-RAMAPO__345_70	70	345	1720	1890	2287	25259	109
SMITHBRD-WEIBELAV_115_2	2	115	232	241	291	325903	15
SMITHBRD-WEIBELAV_115_302	302	115	220	253	280	325904	19
SMITHFLD-SALISBRY_69_690/FV	690	69	53	60	60	25619	3
SODEMNRD-LASHERRD_115_2	1	115	402	467	478	327085	65

Name	ID	KV	NORM	LTE	STE	PTID	Flow
SODEMNRD-TAPBROOK_115_2	2	115	443	512	574	326827	167
SODEMNRD-TAPBROOK_115_302	302	115	443	512	574	326825	50
SORELHIL-ANHRBUSH_115_9	9	115	192	221	245	326802	81
SORELHIL-BELMONT_115_13	13	115	187	191	191	326800	48
SOUTHODW-CARRSCRN_115_153	153	115	128	147	159	326162	28
SOUTHODW-CARRSCRN_115_154	154	115	128	147	159	326164	20
SOUTHWOD-PEBLHILL_115_19	19	115	187	213	236	327231	87
SPENCPRT-STA_113_115_947	947	115	113	123	135	326080	55
SPIERFLS-BUTLER_115_4	4-SFB	115	105	114	134	26136	35
SPIERFLS-CURTPALM_115_9	9	115	105	114	134	326145	3
SPIERFLS-MOHICAN_115_7	7	115	116	120	145	26435	29
SPIERFLS-QUENSBRY_115_5	5-SFQ	115	116	120	145	26141	56
SPIERFLS-TAPBROOK_115_2	2	115	232	241	291	25874	17
SPIERFLS-TAPBROOK_115_302	302	115	182	197	248	25873	13
SPRINGVL-ARCADE_115_151	151	115	129	148	160	326167	10
SPRINGVL-MACHIAS_115_152	152	115	129	139	139	326171	15
SPRNBRK_345_138_BK N7	BK N7	345	284	397	417	25628	207
SPRNBRK_345_138_BK S6	BK S6	345	284	397	417	25625	220
SPRNBRK_-ACADEMY_345_M29	M29	345	474	719	1351	325756	320
SPRNBRK_-DUNWODIE_138_99942	99942	138	330	402	464	25246	206
SPRNBRK_-DUNWODIE_345_W75	W75	345	2331	2658	3202	25071	238
SPRNBRK_-DUNWOODN_138_99941	99941	138	330	444	465	25245	219
SPRNBRK_-EGRDNCTR_345_Y49	Y49	345	637	900	1329	25105	635
SPRNBRK_-TREMONT_345_X28	X28	345	465	675	1182	25175	401
SPRNBRK_-W49TH_ST_345_M51	M51	345	760	927	1527	25053	544
SPRNBRK_-W49TH_ST_345_M52	M52	345	790	940	1527	25223	544
STA_1185-STA_180_-115_907	907	115	61	81	108	326235	12
STA_128_-STA_82_115_906	906	115	129	129	129	26303	9
STA_133_-STA_1185_115_933	933	115	117	129	149	326161	58
STA_135_-STA_230_115_929	929	115	224	247	268	325839	65
STA_158_-STA_128_115_924	924	115	129	147	155	26654	7
STA_162_-S.PERRY_115_906- 7X	906-7X	115	111	131	143	25062	28
STA_162_-STA_1185_115_907	907	115	96	127	169	325254	46
STA_162_-STA_158_115_924	924	115	129	147	155	26653	17
STA_204_115_34_BK 1	BK 1	115	56	67	112	70539	24
STA_204_115_34_BK 2	BK 2	115	56	67	112	70540	30
STA_204_-S124_115_911	911	115	218	228	261	26307	134
STA_23_-STA_262_115_944	944	115	400	538	640	70028	10
STA_23_-S42_115_920	920	115	211	230	230	70027	15
STA_23_-STA_255R_115_941	941	115	299	398	398	327242	77
STA_230_-QUAKERRD_115_929	929	115	244	281	318	325840	53
STA_251_-MORTIMER_115_901	901	115	182	197	237	25097	54
STA_251_-STA_33_115_942	942	115	193	213	241	326100	32

Name	ID	KV	NORM	LTE	STE	PTID	Flow
STA_251_-STA_33__115_943	943	115	193	213	241	326101	54
STA_255_345_115_1TRANS	1TRANS	345	493	605	672	327207	0
STA_255_345_115_2TRANS	2TRANS	345	493	605	672	327208	0
STA_255_-ROCHESTR_345_40	40	345	1309	1506	1697	327209	158
STA_255_-ROCHESTR_345_HR1	HR1	345	1301	1488	1685	327243	98
STA_255_-ROCHESTR_345_HR2	HR2	345	1301	1488	1685	327244	98
STA_255R-STA_418_115_940	940	115	300	564	637	327241	103
STA_262_-STA_33__115_943	943	115	400	640	640	326414	15
STA_33__115_34__BK10	BK 1_2	115	75	90	132	70541	40
STA_33__115_34__BK8	BK 8	115	85	95	125	325836	40
STA_37_-STA_48__115_926	926	115	275	305	355	26314	68
STA_37_-STA_67__115_926	926	115	250	280	300	26313	102
STA_418_-STA_113_115_947	947	115	125	144	156	326069	70
STA_56_-QUAKERRD_115_23	23	115	145	151	153	26288	74
STA_56_-STA_82__115_23	23	115	145	151	185	26287	39
STA_67_-ROCHESRG_115_922	922	115	311	364	376	26321	116
STA_67_-STA_418_115_910	910	115	227	251	285	326048	5
STA_67_-STA_82__115_903	903	115	311	364	384	26322	41
STA_69_-STA_71__115_945	945	115	103	121	141	326238	1
STA_69_-STA_93__115_917	917	115	125	143	155	326237	19
STA_7_-STA_48__115_919	919	115	217	228	260	26302	41
STA_7_-STA_48__115_927	927	115	206	247	310	326039	44
STA_7_-STA_93__115_917	917	115	117	127	147	26301	31
STA_70_-SPENCPR115_947	947	115	113	123	135	326343	47
STA_71_-STA_70__115_946	946	115	113	123	135	326342	16
STA_82_-MORTIMER_115_7X8272	7X8272	115	258	358	410	25098	127
STA_82_-ROCHESRG_115_904	904	115	488	564	637	25081	180
STA_82_-ROCHESRG_115_905	905	115	506	584	617	26305	155
STA_82_-STA_251_115_902	902	115	176	210	237	70058	32
STA_82_-STA_48__115_916	916	115	422	504	532	326055	76
STA_89_-STA_56__115_25	25	115	114	123	142	327090	73
STATE_CA-PATRTAP_115_15	15	115	160	176	224	26494	47
STATE_ST-WRGHTAVE_115_976	976	115	185	221	239	26200	112
STERLING_138_69__BK 3	BK 3	138	215	256	293	26524	138
STERLING-RULAND__138_663	663	138	215	256	293	26498	139
STILWATR-MULBRYNM_115_3	3	115	254	294	333	327460	40
STJHNVLE-MARSHVLE_115_11	11	115	159	159	159	26127	29
STLAWRNC_230A_230C_PS 33	PS 33	230	300	402	450	25118	1
STLAWRNC_230B_230D_PS 34	PS 34	230	300	336	474	25119	0
STLAWRNC-MOSES__230_L33P	L33P	240	299	402	446	25026	1
STLAWRNC-MOSES__230_L34P	L34P	240	317	411	446	25037	0
STOLLERD_345_115_BK 3	BK 3	345	316	378	420	25461	154
STOLLERD_345_115_BK 4	BK 4	345	323	391	420	25462	153

Name	ID	KV	NORM	LTE	STE	PTID	Flow
STOLLERD-HISHELDN_230_67	67	230	430	493	549	25064	7
STONBROK-PORTJEFF_69_877	877	69	100	120	130	326336	75
STONCREK-WETHSRFD_230_83	83	230	417	479	533	325973	14
STONER_-VAILMILL_115_12	12	115	84	84	84	25680	0
STONYRDG_230_115_BK1	BK1	230	247	336	336	325811	71
STONYRDG-HILLSIDE_230_72	72	230	498	574	653	325810	44
STURGNPL_115_69_BK8	TR 8	115	86	116	135	326293	16
STURGNPL-OHIOVLE_115_OR	OR	115	182	193	193	326294	37
SUGARISL-COLTON__115_4	4	115	182	197	248	26084	11
SUGRLOAF_345_138_BK1112	BK1112	345	425	451	475	326220	160
SUGRLOAF_69_138_BK 6108	BK 6108	138	194	234	309	26333	69
SUGRLOAF_69_138_BK 7108	BK 7108	138	192	226	253	25891	77
SUGRLOAF-STRLFRST_138_261	261	138	236	270	285	25326	133
SULLVNP-STONYRDG_115_712	712	115	235	272	313	325809	70
SUMMIT97-BUFALO78_115_130	129	115	239	298	298	326292	104
SUMMIT97-WALCK_RD_115_129	129	115	239	298	298	326289	71
SUNY_BUF-GARDNVLB_230_79	79-1	230	566	654	699	25165	138
SUNY_BUF-GARDNVLB_230_80	80-1	230	566	654	722	25196	133
SWAGRTWN-ROTTRDAM_115_1	1	115	418	478	478	26429	170
SWANROAD-LOCKPORT_115_104	104	115	168	181	199	26050	0
SWANROAD-SHAWNERD_115_103	103	115	168	181	206	326181	53
SWEDEN_-BROCKP74_115_111	111	115	129	136	153	326130	35
SWEDEN_-BROCKP74_115_113	113	115	143	165	180	326132	29
SWEDEN_-MORTIMER_115_111	111	115	129	166	199	25347	21
SWEDEN_-MORTIMER_115_113	113	115	143	158	180	25348	24
SWEDEN_-SHELBY76_115_113	113	115	143	165	180	326131	11
SWETH224-GETZVL60_115_36	36	115	174	181	226	326365	2
SWETH224-GETZVL60_115_37	37	115	174	181	226	326366	2
SYCAWAY_-REYNOLDS_115_16	16-NR	115	186	214	237	327373	67
SYCAWAY_-WYNTKLN_115_14-988	14-NW	115	186	214	237	327374	66
SYLVANLK-PAWLING_115_990	990	115	203	227	239	26156	104
SYOSSET_138_69_BK 5	BK 5	138	227	263	302	26565	91
SYOSSET_-LOCUSTGR_138_559	559	138	388	473	558	25904	168
TALLMAN_-MONSEY__138_602	602	138	425	451	475	325609	136
TAPBLSTN-SWAGRTWN_115_44	302	115	220	252	280	327088	170
TAYLORVL-BREMEN__115_6	6	115	102	120	142	26070	51
TAYLORVL-LOWVILLE_115_5	5-TL	115	102	114	134	26107	0
TEALLAVE-ASH___115_7-TA	7-TA	115	120	148	148	26063	43
TEALLAVE-ASH___115_8-AT	8-AT	115	120	148	148	26117	43
TEALLAVE-CROUSEHD_115_13	13	115	202	219	239	326066	14
TEALLAVE-PETERBOR_115_5	5	115	116	120	145	325164	53
TEALLAVE-SALCARBM_115_6	6	115	187	213	236	26154	44
TELGRAPH_115_34_114_BK 2	BK 2	115	52	63	63	26509	19

Name	ID	KV	NORM	LTE	STE	PTID	Flow
TELGRAPH_115_34_115_BK 1	BK 1	115	52	63	63	26013	19
TELGRAPH-AKRONVIL_115_107	107	115	179	179	179	26508	24
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	50
TERMINAL-SCHUYLER_115_7	7	115	116	120	145	326141	14
TICONDRG-REPUBLIC_115_914(2)	914(2)	115	62	62	62	26470	15
TILDEN_-SOUTHWOD_115_19	19	115	182	197	236	26092	71
TILYFSTR-CROTONFL_115_994	994	115	176	179	179	326413	13
TNWDA206-OAKWD232_115_36	36	115	262	281	296	326368	47
TNWDA206-OAKWD232_115_37	37	115	262	281	296	326371	47
TODDHILL-FISHKPLN_115_A	A	115	232	253	304	325157	27
TREMONT_138A_138B_BK 11	BK 11	138	243	279	312	25649	195
TREMONT_138C_138D_BK 12	BK 12	138	243	279	312	25650	205
TREMONT_345_138_BK 11	BK 11	345	245	299	339	25473	195
TREMONT_345_138_BK 12	BK 12	138	246	299	339	25474	205
TREMONT_-PARKCHTR_138_38X01	38X01	138	180	320	526	25120	97
TREMONT_-PARKCHTR_138_38X02	38X02	138	180	320	526	25121	97
TREMONT_-PARKCHTR_138_38X03	38X03	138	190	318	526	25122	102
TREMONT_-PARKCHTR_138_38X04	38X04	138	190	318	526	25123	102
TULLERHL-CLRKSCRN_115_1-716	1-716	115	128	147	159	26192	10
TULLYCTR-ROCK_CUT_115_18	18	115	220	238	238	326280	0
TURIN_RD-MADISON_115_3	3	115	116	120	145	327441	31
TURNSTON-ONEIDA_115_1	1-RO	115	129	157	192	327129	29
TWOMLCRK-BUFAL129_115_38	38	115	145	151	185	327229	53
TWOMLCRK-BUFAL129_115_39	39	115	145	151	185	327230	52
UNION_CH-BETHLMRD_115_UB	UB	115	143	164	178	326345	19
UNIONVAL-CROTONFL_115_991	991	115	215	227	239	326417	56
URBAN154-DALEROAD_115_39	39	115	174	181	226	326152	23
URBAN154-WALDENNG_115_38	38	115	174	181	226	326151	24
VAILMILL-CHURCH_S_115_12	12	115	113	113	113	327079	19
VALKIN_-SCHODACK_115_14	14	115	186	214	237	326937	0
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	85
VALLYSTR-BARRETT_138_292	292	138	180	271	330	25313	97
VALLYSTR-EGRDNCTY_138_261	261	138	256	358	592	327260	93
VALLYSTR-EGRDNCTY_138_262	262	138	209	291	349	25244	151
VERNON__138A_138B_PAR R1	PAR R1	138	299	366	421	325712	74
VERNON_-GREENWD_138_31231	31231	138	174	226	247	25337	155
VERNON_-KENTAVE_138_31232	31232-1	138	174	226	247	26123	124
VERNON_-W49TH_ST_138_38M72	38M72	138	140	221	221	325122	155
VINEGRHL_138_27_TR1	TR1	138	213	277	365	327488	0

Name	ID	KV	NORM	LTE	STE	PTID	Flow
VINGR_TP-VINEGAR_115_917 TAP	917 TAP	115	125	152	193	26455	2
VOLNEY_-CLAY___345_6	6	345	1200	1396	1686	25198	945
VOLNEY_-MARCY___345_19	19	345	1434	1793	2032	25345	612
W.ASHVLE-BAKER_ST_115_160	160-2	115	200	217	260	327111	2
W.NYACK_138_69_BK 221	BK 221	138	212	270	285	26334	81
W.NYACK_-SNKEHLRD_138_562	562	138	212	270	285	325906	81
W_ERIAVE-HICKLING_115_935	935	115	136	163	185	325568	6
W_ERIAVE-SULLVNPK_115_711	711	115	245	272	313	325808	52
W49TH_ST-E13THSTA_345_M54	M54	345	753	986	1566	25228	93
W49TH_ST-E13THSTA_345_M55	M55	345	753	986	1566	25222	92
WADNGRIV-NSHORBCH_138_878	878	138	424	489	596	325642	18
WADNGRIV-SHOREHAM_138_891	891	138	394	479	566	25342	55
WALCK_RD-BUFALO78_115_133	133	115	239	298	298	26153	128
WALDEN_-WALDN_A2_115_BK 1	BK 1	115	38	39	42	25429	15
WALDENNG-CALSPAN_115_54-921	54-921	115	187	215	236	26024	4
WALDENNG-GARDNVLB_115_182	182	115	168	181	206	26015	32
WALDENNG-GARDNVLB_115_38	38	115	168	181	206	26039	15
WALDWICK_345_230_BK1	BK1	345	549	713	806	25479	39
WALDWICK_345_230_BK2	BK2	345	557	716	794	25480	39
WALDWICK_345_230_BK3	BK3	345	609	794	901	25481	38
WALDWICK-SMAHWAH_345_J3410	J3410	345	819	1158	1986	25032	6
WALDWICK-SMAHWAH_345_K3411	K3411	345	832	1165	1991	25039	109
WALESVIL-CAVANARD_115_7	7	115	116	120	145	325213	52
WALESVIL-PORTER_115_3	3	115	116	120	145	326705	67
WARNSBRG-SCOFDRD_115_10	10	115	105	114	119	326148	41
WARREN_-FALCONER_115_171	171	115	116	120	140	25015	0
WATERSTR_138_27_T4	TR4	138	103	141	174	326573	0
WATKINRD-INGHAM_C_115_2	2-WI	115	116	120	145	25805	66
WATRCURE_345_230_BK 1	BK 1	345	426	520	600	25402	97
WATRCURE_345_230_BK 2	BK 2	345	439	539	599	327087	98
WATRCURE-OAKDALE_230_71	71	230	310	446	609	25179	13
WATRCURE-OAKDALE_345_31	31	345	1147	1147	1147	25178	141
WBALMVLE-MARLBORO_115_MW	MW	115	198	230	260	326090	17
WEST BUS-SILLSRD_138_873	873	138	494	541	620	325618	4
WESTMLTN-LASHERRD_115_302	302	115	402	467	478	327084	55
WESTMLTN-SODEMNRD_115_302	302	115	443	512	574	326824	49
WETHSRFD-S.PERRY_230_85	85	230	417	479	533	325623	46
WETZEL_-CLAY___115_7	7-CL	115	220	252	280	326207	8
WHAVSTOR_345_138_BK 194	BK 194	345	451	546	619	25447	253
WHAVSTOR-LOVETT__138_53	53	138	187	228	268	25884	4
WHAVSTOR-STONYPNT_138_542	542	138	236	270	285	326049	15
WHAVSTRW-WHAVSTOR_345_671	671	345	451	546	619	326216	253
WHEMPSTD-MALVERNE_69_353	353	69	45	56	59	325821	2

Name	ID	KV	NORM	LTE	STE	PTID	Flow
WHITAKER-S.OSWEGO_115_4	4	115	128	147	159	327190	68
WHITEHAL-COMSTKNM_115_13	13	115	116	120	145	25903	28
WHITEHAL-TICONDRG_115_3	3	115	116	120	145	26471	39
WHITMAN_-ONEIDA__115_8	8	115	146	157	159	25894	19
WICCOPEE-SHENDOAH_115_FS	FS	115	194	214	240	325773	27
WILDWOOD_138_69_BK 4	BK 4	138	227	263	302	26550	64
WILDWOOD-RIVRHEAD_138_890	890	138	294	324	375	25905	122
WILLET_-ENORWICH_115_945	945-1	115	127	147	155	25732	42
WILLIS__230_115_AT1	BK 1	230	145	179	209	25388	28
WILLIS__230_115_AT2	BK 2	230	145	179	209	25390	28
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	30
WILLIS_-RYAN___230_WRY-2	WRY-2	230	396	459	524	325566	33
WILLWBRK-FRESHKLS_138_29211	29211-2	138	182	262	439	25319	164
WILLWBRK-FRESHKLS_138_29212	29212-2	138	182	262	439	25320	174
WOLF_RD_-EVERETRD_115_10	10	115	221	256	287	26255	78
WOOD_ST_345_115_BK 1	BK 1	345	302	354	420	25437	105
WOOD_ST_345_115_BK 2	BK 2	345	311	368	420	25438	68
WOOD_ST_-MILLWOOD_345_W80	W80	345	1720	2215	2657	25148	999
WOOD_ST_-MILLWOOD_345_W81	W81	345	1720	2215	2657	25525	0
WOOD_ST_-PLSNTVLE_345_Y86	Y86	345	1839	2520	3056	25358	1088
WOOD_ST_-PLSNTVLE_345_Y87	Y87	345	1775	1977	2265	25132	1051
WOODLAWN-RUTHROAD_115_12	12	115	182	197	237	26490	40
WOODMERE-VALLYSTR_69_261	261	69	89	112	118	325285	37
WOODSTNY-AMAWALK_115_996	996	115	215	247	275	25574	73
WOODSTNY-KATONAH_115_901	901	115	231	249	270	326481	52
WRGHTAVE-MILLIKEN_115_973	973	115	185	221	249	26195	71
WTRVLARS-GERENSLR_115_31	31	115	128	147	159	26423	85
WWDBURNY_115_69_BK 1	BK 1	115	48	50	50	25404	20
WYNTKLNM-REYNOLDS_115_13-988	13-WR	115	186	214	237	26143	86
WYNTKLNM-WYNTKLN_115_BK 2	BK2	115	56	57	60	26489	20
YAHNUNDA-DEBALSO__115_3	3	115	125	143	154	26515	63
YAWGERRD-RIDGE_RD_115_963	963	115	217	227	262	326312	28
YOUNG214-HUNTLEY_115_133	133	115	168	181	206	26042	94
YOUNG214-SWETH224_115_36	36	115	174	181	226	326364	7



## Appendix E – INTERFACE DEFINITIONS

### NYISO OPERATING INTERFACES & OASIS TRANSMISSION PATHS

<b>DYSINGER EAST</b>		
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

<b>SPRAIN BROOK-DUNWOODIE SOUTH</b>		
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 <sup>th</sup> Street	M51	345
*Sprain Brook-West 49 <sup>th</sup> Street	M52	345
*Sprain Brook-Academy	M29	345
*Dunwoodie-Sherman Creek	99031	138
*Dunwoodie-Sherman Creek	99032	138
*Dunwoodie-East 179 <sup>th</sup> 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



<b>MOSES SOUTH</b>		
North (Zone D) – Mohawk Valley (Zone E)		
<b>Name</b>	<b>Line ID</b>	<b>Voltage (kV)</b>
*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

<b>UPNY-CONED</b>		
Hudson Valley (Zone G) – Millwood (Zone H)		
<b>Name</b>	<b>Line ID</b>	<b>Voltage (kV)</b>
*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

<b>CENTRAL EAST</b>		
Mohawk Valley (Zone E) – Capital (Zone F)		
<b>Name</b>	<b>Line ID</b>	<b>Voltage (kV)</b>
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

<b>TOTAL EAST</b>		
<b>Mohawk Valley (Zone E) – Capital (Zone F)</b>		
<b>Name</b>	<b>Line ID</b>	<b>Voltage (kV)</b>
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
<b>Mohawk Valley (Zone E) – Hudson Valley (Zone G)</b>		
Middletown-Rock Tavern*	CCRT34	345
Coopers Corners-Dolson Ave.*	CCDA42	345
Middletown 345*/138	BK114	345/138
West Woodbourne 115/69*	BK1	115/69
<b>North (Zone D) – ISONE (Zone N)</b>		
*Plattsburgh-Sand Bar	PV20	115
<b>PJM East (Zone P) – Hudson Valley (Zone G)</b>		
Hopatcong-Ramapo*	5018	500
*Waldwick-S. Mahwah	J3410	345
*Waldwick-S. Mahwah	K3411	345
<b>PJM East (Zone P) – NYC (Zone J)</b>		
Marion-Farragut*	C3403	345
Hudson-Farragut*	B3402	345
Linden-Goethals*	A2253	230
<b>PJM (Rockland Electric) – Hudson Valley (Zone G)</b>		
*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

<b>CONED – LIPA</b>		
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

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

<b>IESO (Ontario)-NYISO</b>		
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

<b>PJM-NYISO</b>		
PJM East (Zone P) – NYC (Zone J)		
<b>Name</b>	<b>Line ID</b>	<b>Voltage (kV)</b>
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

<b>WESTERN EXPORT</b>		
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

<b>West Central</b>		
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

<b>UPNY-SENY</b>		
Mohawk Valley (Zone E) – Hudson Valley (Zone G)		
<b>Name</b>	<b>Line ID</b>	<b>Voltage (kV)</b>
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)		
*Athen-Van Wagner	91	345
*Leeds-Van Wagner	92	345
*Leeds-Hurley Ave.	301	345
Churchtown-North Catskill*	12	115
Blue Stores-Milan*	T7	115
Knickerbocker-Pleasant Valley*	Y57	345
*Feura Bush-North Catskill	2	115

\* indicates the metered end of the circuit

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

## Appendix F – ANNOTATED TARA OUTPUT

**This Section Is Available Electronically If Requested**



## Appendix G – COMPARISON OF TRANSFER LIMITS SUMMER 2023 VS. 2022

Interface		SUMMER 2023		SUMMER 2022		Delta
		Limit (MW)	Contingency	Limit (MW)	Contingency	
<b>Dysinger East</b>	Normal	1825	1	1525	1	300
	Emergency	2150	2	2675	2	-525
<b>West Central Reverse</b>	Normal	1950	3	1900	4	50
	Emergency	2300	4	2275	5	25
<b>UPNY - SENY</b>	Normal	4975	5	4550	6	425
	Emergency	5425	6	5050	9	-375
<b>UPNY - ConEd</b>	Normal	7150	7	6975	8	175
	Emergency	7825	6	7525	9	300
<b>Sprain Brook Dunwoodie-South</b>	Normal	4275	8	4075	10	200
	Emergency	4275	9	4150	11	125
<b>Con Ed - LIPA</b>	Normal	900	10	925	12	-25
	Emergency	1500	11	1525	13	-25
<b>Central East</b>	<b>MSC-7040 FLOW</b>	<b>HQ -&gt; NY</b>	<b>1600 MW</b>	<b>HQ -&gt; NY</b>	<b>1600 MW</b>	
	Normal	1825	12	2225	14	-400
	Emergency	2725	13	2475	16	250
	<b>MSC-7040 FLOW</b>	<b>HQ -&gt; NY</b>	<b>1310 MW</b>	<b>HQ -&gt; NY</b>	<b>1310 MW</b>	
	Normal	1825	12	2225	14	-400
	Emergency	2825	13	2475	16	350
	<b>MSC-7040 FLOW</b>	<b>HQ -&gt; NY</b>	<b>800 MW</b>	<b>HQ -&gt; NY</b>	<b>800 MW</b>	
	Normal	1825	12	2225	14	-400
	Emergency	2725	13	2425	16	300
<b>Total East <sup>1</sup></b>	<b>MSC-7040 FLOW</b>	<b>HQ -&gt; NY</b>	<b>1600 MW</b>	<b>HQ -&gt; NY</b>	<b>1600 MW</b>	
	Normal	3200	12	3175	17	25
	Emergency	4250	14	3700	19	550
	<b>MSC-7040 FLOW</b>	<b>HQ -&gt; NY</b>	<b>1310 MW</b>	<b>HQ -&gt; NY</b>	<b>1310 MW</b>	
	Normal	3200	12	3175	17	25
	Emergency	4250	14	3700	19	550
	<b>MSC-7040 FLOW</b>	<b>HQ -&gt; NY</b>	<b>800 MW</b>	<b>HQ -&gt; NY</b>	<b>800 MW</b>	
	Normal	3200	12	3100	17	100
	Emergency	4200	14	3650	19	550
<b>Moses - South</b>	<b>MSC-7040 FLOW</b>	<b>HQ -&gt; NY</b>	<b>1600 MW</b>	<b>HQ -&gt; NY</b>	<b>1600 MW</b>	
	Normal	1975	15	2275	20	-300
	Emergency	2800	16	2675	22	125
	<b>MSC-7040 FLOW</b>	<b>HQ -&gt; NY</b>	<b>1310 MW</b>	<b>HQ -&gt; NY</b>	<b>1310 MW</b>	
	Normal	1950	15	2075	20	-125
	Emergency	2600	16	2550	22	50
	<b>MSC-7040 FLOW</b>	<b>HQ -&gt; NY</b>	<b>800 MW</b>	<b>HQ -&gt; NY</b>	<b>800 MW</b>	
	Normal	1925	15	1725	20	-200
	Emergency	2225	16	2250	22	-25

<sup>1</sup> Limits in this report do not include Neptune in the Total East Interface.

**NYISO SUMMER 2023 CROSS-STATE THERMAL LIMIT CONTINGENCY LIST**

	<b>Limiting Element</b>	<b>Rating</b>	<b>Contingency</b>	
(1)	Niagara – Packard (61) 230 kV	@STE <sub>4</sub> 846 MW	L/O	Niagara – Packard (62) 230 kV Beck – Packard (BP76) 230 kV
(2)	Niagara – Dysinger (ND1) 345 kV	@STE 1685 MW	L/O	Niagara – Dysinger (ND2)
(3)	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)
(4)	Pannell – Sta. 56 (24) 115 kV	@NORM 129 MW		Pre-Contingency Loading
(5)	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
(6)	Coopers Corners – Middletown TAP (CCRT34) 345 kV	@STE 1793 MW	L/O	Dolson Ave – Rock Tavern (DART44) 345 kV
(7)	Ladentown – Buchanan (Y88) 345 kV	@LTE 1894 MW	L/O	Millwood – Wood St. (W80) 345kV Pleasant Valley – Wood St (F30) 345 kV Wood St. Transformer 345/115 kV (BK 2)
(8)	Mott Haven – Rainey (Q11) 345 kV	@MTE <sub>2</sub> 1066 MW	L/O	(SB:MOTT345_7) Dunwoodie – Mott Haven (72) 345 kV Mott Haven 345/138 kV Transformer (TR9)
(9)	Dunwoodie – Mott Haven (71) 345 kV	@NORM 707 MW		Pre-Contingency Loading
(10)	Dunwoodie – Shore Rd. (Y50) 345 kV	@LTE 916 MW <sub>3</sub>	L/O	(SB:SPRA345_RNS2) Sprain Brook – East Garden City (Y49) 345 kV Sprain Brook – Academy (M29) 345 kV
(11)	Dunwoodie – Shore Rd. (Y50) 345 kV	@NORM 656 MW <sub>3</sub>		Pre-Contingency Loading
(12)	Gordon Road – Rotterdam (30) 345/230kV Transformer	@LTE 562 MW	L/O	Gordon Road – Princetown 345 kV (371) Gordon Road (31) 345/230 kV Transformer
(13)	Edic – Gordon Road (14) 345 kV	@STE 1724 MW	L/O	Marcy – New Scotland 345 kV (18)
(14)	Coopers Corners – Middletown TAP (CCRT34) 345 kV	@STE 1793 MW	L/O	Dolson Ave – Rock Tavern (DART44) 345 kV
(15)	Moses – Adirondack (MA2) 230 kV	@LTE 386 MW	L/O	Massena – Marcy (MSU1) 765 kV
(16)	Flat Rock – Browns Falls (1) 115 kV	@STE 142 MW	L/O	Browns Falls – Higley (1) 115 kV

## Appendix H – DISTRIBUTION FACTORS

Table-1 DISTRIBUTION FACTORS FOR DYSINGER EAST CIRCUITS

Monitored Element				Base Flow	TRANSFER	DYSINGER-ST A255	STOLLE-HIGHSHELDON	LOCKPT-SHEL	LOCKPT-SOUR
DYSINGER	345	STATION 255	345 1	-82.62	32.03%	TRIP	19.61%	18.88%	20.80%
DYSINGER	345	STATION 255	345 2	-82.62	32.03%	4.65%	TRIP	6.27%	6.91%
STOLE230	230	SHLDN230	230 1	-6.47	11.08%	0.87%	10.03%	0.71%	0.78%
PALMT115	115	ANDOVER1	115 1	3.35	1.50%	2.40%	3.36%	TRIP	14.43%
LOCKPORT	115	SHEL-113	115 1	19.90	2.32%	0.88%	1.24%	3.39%	3.66%
LOCKPORT	115	NAKR-108	115 1	27.48	0.86%	0.99%	1.38%	3.79%	4.10%
LOCKPORT	115	OAKFLDTP	115 1	27.68	0.96%	2.44%	3.41%	13.30%	TRIP
LOCKPORT	115	SOUR-111	115 1	14.80	2.36%	1.13%	1.59%	5.98%	5.86%
LOCKPORT	115	TELRD107	115 1	43.10	1.10%	2.40%	3.35%	18.10%	10.88%
LOCKPORT	115	TELRD114	115 1	25.99	2.32%	67.48%	19.61%	18.88%	20.80%
<b>SUB-TOTALS</b>					<b>86.54%</b>	<b>83.23%</b>	<b>63.56%</b>	<b>89.30%</b>	<b>88.21%</b>
L33P-L34P				-0.35	3.59%	5.38%	7.33%	3.32%	3.65%
PJM-NYISO				582.94	4.16%	11.35%	29.06%	7.36%	8.10%
<b>TOTALS</b>					<b>94.29%</b>	<b>99.96%</b>	<b>99.95%</b>	<b>99.97%</b>	<b>99.97%</b>

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	594.56	30.96%	TRIP	-55.55%	8.76%	19.95%	19.44%
PANNELL3	345 CLAY	345 2	596.48	31.06%	-55.63%	TRIP	8.78%	20.01%	19.51%
STOLE230	230 SHLDN230	230 1	6.91	11.08%	-2.98%	-2.98%	TRIP	7.65%	2.27%
ANDOVER1	115 PALMT115	115 1	-95.49	3.60%	-6.25%	-6.27%	7.05%	TRIP	16.83%
MORTIMER	115 LAWLER-1	115 1	-3.31	1.50%	-0.55%	-0.55%	9.98%	2.38%	0.59%
MORTIMER	115 LAWLER-2	115 1	-38.18	2.58%	-2.60%	-2.60%	0.88%	14.07%	4.16%
PANNELLI	115 FRMGTN-4	115 1	-4.30	2.66%	-2.84%	-2.85%	0.80%	5.80%	4.69%
QUAKER	115 MACDN115	115 1	-32.48	2.82%	-3.89%	-3.89%	1.33%	10.73%	TRIP
S121 B#2	115 SLEIG115	115 1	-27.10	-0.06%	-2.12%	-2.13%	25.53%	4.31%	2.20%
STA 162	115 S.PER115	115 1	-30.44	0.34%	-0.49%	-0.49%	0.30%	3.28%	18.72%
<b>SUB-TOTALS</b>				<b>86.54%</b>	<b>-77.34%</b>	<b>-77.30%</b>	<b>63.41%</b>	<b>88.18%</b>	<b>88.40%</b>
L33P-L34P			0.50	0.00%	-7.77%	-7.79%	7.30%	2.43%	3.42%
PJM-NYISO			-62.50	13.73%	-14.73%	-14.76%	29.19%	9.37%	8.12%
<b>TOTALS</b>				<b>100.28%</b>	<b>99.85%</b>	<b>99.85%</b>	<b>99.89%</b>	<b>99.97%</b>	<b>99.94%</b>

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	464.66	18.12%	7.26%	18.36%	7.84%	0.42%	5.06%	1.59%
EDIC	345 GORDONRD	345 1	736.14	20.76%	TRIP	19.26%	33.97%	0.28%	3.65%	3.30%
FRASR345	345 GILB 345	345 1	141.63	19.35%	23.77%	TRIP	26.78%	0.32%	4.29%	4.88%
MARCY T1	345 N.SCOT99	345 1	725.04	20.96%	36.00%	23.00%	TRIP	0.32%	4.16%	3.73%
MDTN TAP	345 ROCK TAV	345 1	437.71	16.20%	6.89%	17.19%	7.44%	0.51%	4.27%	1.87%
WALDWICK	345 SMAHWAH1	345 1	-11.43	-0.15%	2.50%	2.22%	2.69%	91.86%	27.69%	20.69%
WALDWICK	345 SMAHWAH2	345 1	-117.54	0.15%	2.44%	2.27%	2.62%	TRIP	27.13%	19.86%
MDTN TAP	345 SHOEMTAP	138 1	292.61	2.69%	0.53%	1.64%	0.56%	-0.12%	1.10%	-0.39%
SMAHWAH1	345 SMAH138	138 1	-152.33	0.44%	-0.08%	0.08%	-0.09%	-3.50%	-0.69%	-1.11%
HCOR138	138 CORPORATE DR	138 1	-60.22	0.00%	0.00%	0.00%	0.00%	0.05%	0.02%	0.01%
SMAH138	138 RAMP138	138 1	-94.01	-0.28%	0.06%	-0.04%	0.06%	2.80%	0.66%	0.77%
E.SPR115	115 INGHAM-E	115 1	-21.65	1.33%	0.57%	2.62%	-0.12%	0.02%	0.20%	0.19%
INGMS-CD	115 INGHAM-E	115 1	119.96	0.00%	7.47%	1.60%	5.23%	0.04%	0.56%	0.50%
NE_PV20_NY	115 CUMBERLAND	115 1	104.43	0.00%	3.92%	2.13%	3.78%	0.07%	0.88%	0.81%
W.WDB115	115 W.WDBR69	69.0 1	18.50	0.59%	0.53%	1.13%	0.55%	0.00%	0.06%	0.19%
CLOSTER	69.0 SPARKILL	69.0 1	-3.10	0.04%	0.01%	0.03%	0.01%	0.04%	0.00%	0.05%
HCOR69	69.0 WNYA69	69.0 1	-14.00	0.08%	0.03%	0.05%	0.03%	0.08%	0.00%	0.09%
MONTVALE	69.0 BLUHILL	69.0 1	2.21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MONTVALE	69.0 BLUHILL	69.0 2	2.21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MONTVALE	69.0 L491T	69.0 1	-33.07	0.06%	0.02%	0.04%	0.02%	0.12%	0.02%	0.08%
SMAH69	69.0 HILB69	69.0 1	-34.34	-0.34%	-0.04%	-0.15%	-0.04%	0.42%	-0.01%	0.13%
HCOR34	34.5 PEARL34	34.5 1	-2.47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%
<b>SUB-TOTALS</b>				<b>100.00%</b>	<b>91.87%</b>	<b>91.41%</b>	<b>91.33%</b>	<b>93.74%</b>	<b>79.05%</b>	<b>57.21%</b>
RAMAPO 5	500 HOPATCONG	500 1	316.09	0.00%	4.41%	4.20%	4.74%	3.79%	TRIP	23.39%
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%	2.68%	3.21%	2.86%	1.87%	15.77%	TRIP
<b>TOTALS</b>				<b>100.00%</b>	<b>99.74%</b>	<b>99.75%</b>	<b>99.76%</b>	<b>99.97%</b>	<b>99.58%</b>	<b>99.75%</b>

Table-4 DISTRIBUTION FACTORS FOR UPNY-CONED CIRCUITS

Monitored Element			Base Flow	TRANSFER	LADNTW-BUCHS	PLVLLY-E.FISHK	RAMAPO-BUCHN	ROSETN-E.FISHK	LINDEN-GOETH
LADENTWN	345 BUCHANAN S	345 1	1098.28	17.27%	TRIP	-3.95%	58.71%	28.30%	31.66%
PLTVLLEY	345 E FISHKILL	345 1	509.30	9.04%	-7.87%	TRIP	-1.04%	32.14%	1.05%
PLTVLLEY	345 E FISHKILL	345 2	509.30	9.04%	-7.87%	65.49%	-1.04%	32.14%	1.05%
PLTVLLEY	345 MILLWOOD	345 1	1077.58	15.80%	14.53%	8.89%	4.53%	-8.84%	4.02%
PLTVLLEY	345 WOOD B	345 1	1074.64	15.80%	14.44%	9.13%	4.45%	-9.35%	3.91%
RAMAPO	345 BUCHANAN N	345 1	930.00	15.64%	44.59%	-0.40%	TRIP	15.90%	21.92%
ROSETON	345 E FISHKILL	345 1	1332.65	16.06%	28.52%	16.25%	21.10%	TRIP	13.77%
E FISH I	115 E FISHKILL	345 1	-84.92	0.63%	0.94%	2.66%	0.90%	5.91%	0.68%
E FISH I	115 E FISHKILL	345 2	0.00	0.00%	O/S	O/S	O/S	O/S	O/S
FISHKILL	115 SYLVN115	115 1	122.03	0.73%	0.88%	-0.17%	0.45%	0.29%	0.34%
<b>SUB_TOTALS</b>				<b>100.00%</b>	<b>88.17%</b>	<b>97.91%</b>	<b>88.06%</b>	<b>96.50%</b>	<b>78.40%</b>
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%	8.11%	7.39%	0.14%	3.50%	TRIP
COGNTECH	345 G22_VFT345KV	345 1	296.35	0.00%	2.48%	2.26%	0.04%	1.07%	19.12%
NRTHPT P	138 NRTHPT1	138 1	100.00	0.00%	1.32%	2.36%	1.68%	-0.55%	2.58%
<b>TOTALS</b>				<b>100.00%</b>	<b>100.09%</b>	<b>109.92%</b>	<b>89.92%</b>	<b>100.52%</b>	<b>100.10%</b>

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	20.00%	5.54%	7.93%	8.06%
REAC72	345 MOTT HAVEN	345 4	557.02	28.74%	23.66%	19.96%	5.53%	7.92%	8.05%
REACM51	345 W 49 ST	345 1	582.70	20.91%	19.54%	TRIP	5.69%	7.84%	7.74%
REACM52	345 W 49 ST	345 2	581.78	20.91%	19.54%	22.46%	5.69%	7.84%	7.74%
SPRAINBROOK	345 ACADEMY	345 1	400.75	0.00%	2.27%	2.40%	17.39%	2.81%	2.75%
SPRAINBROOK	345 TREMONT	345 1	300.81	0.00%	2.93%	3.08%	TRIP	3.61%	3.54%
DUN NO1R	138 S CREEK W	138 1	114.76	0.00%	1.31%	1.24%	9.37%	1.52%	1.52%
DUN NO2R	138 S CREEK E	138 1	114.90	0.00%	1.96%	1.86%	14.09%	2.28%	2.28%
DUN SO1R	138 E179 ST W	138 1	179.81	0.00%	3.15%	2.99%	22.65%	3.66%	3.67%
L SUCSPH	138 JAMAICA	138 1	199.67	0.00%	5.97%	6.04%	5.15%	TRIP	49.09%
V STRM P	138 JAMAICA	138 1	99.92	0.00%	6.00%	5.89%	4.99%	48.54%	TRIP
<b>SUB-TOTALS</b>				<b>100.00%</b>	<b>86.34%</b>	<b>85.91%</b>	<b>96.09%</b>	<b>93.94%</b>	<b>94.44%</b>
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%	10.66%	11.00%	3.05%	4.73%	4.34%
COGNTECH	345 G22 VFT345KV	345 1	296.35	0.00%	2.99%	3.09%	0.86%	1.33%	1.22%
<b>TOTALS</b>				<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>



Table-6 DISTRIBUTION FACTORS FOR MOSES SOUTH CIRCUITS

Monitored Element				Base Flow	TRANSFER	MASSEN-CHAT	MASSEN-MARCY	MOSES-ADRONB1
MASS 765	765 MARCY765	765	1	1534.37	77.00%	TRIP	31.05%	31.10%
MOSES W	230 ADRON B1	230	1	75.70	7.97%	17.11%	TRIP	55.99%
MOSES W	230 ADRON B2	230	1	76.10	8.00%	17.16%	56.06%	TRIP
ALCOA-NM	115 BRADY	115	1	19.89	1.14%	2.48%	0.54%	0.54%
ALLENS F	115 COLTON	115	1	4.69	1.47%	0.98%	0.28%	0.28%
DENNISON	115 ANDRWS-4	115	1	19.90	2.21%	4.78%	1.05%	1.05%
DENNISON	115 LWRNCE-B	115	1	18.39	2.21%	4.78%	1.05%	1.05%
<b>SUB TOTALS</b>					<b>100.00%</b>	<b>47.28%</b>	<b>90.03%</b>	<b>90.01%</b>
MOSES E	230 ST_LAWR_L33P	230	1	1.10	0.00%	39.05%	7.40%	7.41%
MOSES E	230 ST_LAWR_L34P	230	1	0.00	0.00%	O/S	O/S	O/S
CUMBERLAND	115 NE_PV20_NY	115	1	104.40	0.00%	13.67%	2.57%	2.57%
<b>TOTALS</b>					<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

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	-48.50	35.94%	TRIP	-40.87%	40.94%
NE_398_NY	345	CKTVLLEY	345 1	-40.91	51.73%	-49.75%	TRIP	24.72%
NE_E205W_NY	230	EASTOVER RD	230 1	-123.51	8.53%	-16.46%	-8.16%	TRIP
NE_K7_NY	115	WHITEHAL	115 1	0.00	0.00%	-8.40%	-4.25%	7.38%
NE_K6_NY	115	HOOSICK	115 1	-21.81	2.82%	-7.61%	-2.76%	18.09%
NE_PV20_NY	115	CUMBERLAND	115 1	104.45	0.00%	-6.74%	-4.48%	3.15%
NE_690_NY	69.0	SMITHFLD	69.0 1	-3.59	0.98%	-1.00%	-2.75%	0.52%
NE_601_NY	138	NRTHPT P	138 1	34.50	0.00%	-3.26%	-12.21%	1.68%
NE_602_NY	138	NRTHPT P	138 2	34.40	0.00%	-3.25%	-12.17%	1.67%
NE_603_NY	138	NRTHPT P	138 3	34.20	0.00%	-3.23%	-12.09%	1.66%
SHM DC	138	SHOREHAM2	138 1	329.50	0.00%	0.00%	0.00%	0.00%
<b>TOTALS</b>					<b>100.00%</b>	<b>99.68%</b>	<b>99.74%</b>	<b>99.82%</b>

Table-8 DISTRIBUTION FACTORS FOR ONTARIO NYISO CIRCUITS

Monitored Element	Base Flow	TRANSFER	BECK-NIAG301	BECK-NIAG302	PA27-NIAGAR	BP76-PACKD2	MOSE-STLAWL33	
BECK_#2_H301 345 NIAG 345	345 1	16.93	33.39%	TRIP	55.87%	32.03%	34.15%	21.66%
BECK_#2_H302 345 NIAG 345	345 1	16.92	33.39%	55.87%	TRIP	32.03%	34.15%	21.66%
BECK_#2_BP76 230 PACKARD2	230 1	11.50	15.83%	16.89%	16.89%	TRIP	25.86%	9.81%
BECK_#2_PA27 230 NIAGAR2W	230 1	-51.22	17.39%	20.70%	20.70%	29.72%	TRIP	10.91%
ST_LAWR_L33P 230 MOSES E	230 1	-0.19	0.00%	2.43%	2.43%	2.09%	2.02%	TRIP
ST_LAWR_L34P 230 MOSES E	230 1	0.00	0.00%	O/S	O/S	O/S	O/S	O/S
<b>SUB-TOTALS</b>			<b>100.00%</b>	<b>95.87%</b>	<b>95.87%</b>	<b>95.86%</b>	<b>96.17%</b>	<b>64.05%</b>
ON-MICH		-0.63	0.00%	3.84%	3.84%	3.85%	3.57%	32.99%
<b>TOTALS</b>			<b>100.00%</b>	<b>99.72%</b>	<b>99.72%</b>	<b>99.72%</b>	<b>99.74%</b>	<b>97.03%</b>

Table-9 DISTRIBUTION FACTORS FOR PJM-NYISO CIRCUITS

Monitored Element	Base Flow	TRANSFER	HOPATCONG-RAMPO	MAIN-WATER	PIERCE-5MILE	WALDWK-SMAWA	E.TOWD-HILLS	LINDEN-GOETH
HOPATCONG 500 RAMAPO 5 500 1	313.20	0.00%	TRIP	8.44%	8.09%	3.28%	7.47%	20.60%
G22_VFT345KV 345 COGNTECH 345 1	311.90	0.00%	4.94%	1.62%	1.55%	0.64%	1.23%	16.68%
MARION 345 B3402 PAR1 345 1	0.00	0.00%	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
NEPTCONV 345 NWBRG 345 1	649.50	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26MAINESBURG 345 WATRC345 345 1	53.20	28.36%	4.21%	TRIP	17.86%	0.38%	27.21%	3.39%
26HOMER CY 345 NY_HOMER_WAT 345 Z1	107.50	23.33%	3.35%	-61.77%	13.18%	0.31%	10.06%	2.79%
26MAINESBURG 345 NY_MAINESBUR 345 Z1	-106.90	-23.33%	-3.35%	61.77%	-13.18%	-0.31%	-10.06%	-2.79%
26PIERCEBRK 345 5MILE345 345 1	42.50	23.52%	3.82%	16.89%	TRIP	0.34%	6.31%	3.07%
26HOMER CY 345 NY_HOMER_STO 345 Z1	107.40	14.98%	2.43%	11.65%	-55.30%	0.22%	1.03%	1.98%
26PIERCEBRK 345 NY_PIERCEBRK 345 Z1	-106.90	-14.98%	-2.43%	-11.65%	55.30%	-0.22%	-1.03%	-1.98%
WALDWICK 345 SMAHWAH1 345 1	-6.10	-0.09%	27.30%	6.56%	6.20%	91.79%	5.04%	22.73%
WALDWICK 345 SMAHWAH2 345 1	-109.00	0.09%	26.78%	6.17%	5.84%	TRIP	4.73%	21.81%
26E.TWANDA 230 HILSD230 230 1	38.10	22.29%	3.91%	28.51%	7.00%	0.30%	TRIP	2.68%
26ERIE E REA 230 S RIPLEY 230 1	-28.40	10.50%	1.20%	3.04%	12.49%	0.11%	1.88%	0.98%
LINDEN 230 GOETHALS 230 1	2.10	0.00%	17.60%	5.80%	5.55%	2.28%	4.38%	TRIP
SMAHWAH1 345 SMAH138 138 1	-147.10	0.26%	-0.63%	-0.54%	-0.50%	-3.50%	-0.42%	-1.23%
HCOR138 138 CORPORATE DR 138 1	-60.20	0.00%	0.02%	0.00%	0.00%	0.05%	0.00%	0.01%
SMAH138 138 RAMP138 138 1	-97.30	-0.16%	0.62%	0.36%	0.33%	2.80%	0.28%	0.85%
26E.SAYRE 115 N.WAV115 115 1	4.00	7.73%	1.32%	8.27%	2.75%	0.10%	24.78%	0.92%
26LAUREL L 115 WESTOVER115 115 1	-69.70	7.61%	1.37%	3.32%	1.39%	0.11%	9.77%	0.94%
26WARREN 115 FALCONER 115 1	0.00	0.00%	O/S	O/S	O/S	O/S	O/S	O/S
CLOSTER 69.0 SPARKILL 69.0 1	-2.90	0.02%	0.00%	0.00%	0.00%	0.04%	0.00%	0.05%
HCOR69 69.0 WNYA69 69.0 1	-13.50	0.05%	0.00%	0.00%	0.00%	0.08%	0.00%	0.09%
MONTVALE 69.0 BLUHILL 69.0 1	2.20	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MONTVALE 69.0 BLUHILL 69.0 2	2.20	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MONTVALE 69.0 L491T 69.0 1	-32.70	0.03%	0.02%	0.00%	0.00%	0.12%	0.00%	0.08%
SMAH69 69.0 HILB69 69.0 1	-37.40	-0.20%	-0.03%	0.18%	0.16%	0.42%	0.14%	0.15%
HCOR34 34.5 PEARL34 34.5 1	-2.50	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%
<b>SUB-TOTALS</b>		<b>100.00%</b>	<b>92.45%</b>	<b>88.60%</b>	<b>68.71%</b>	<b>99.32%</b>	<b>92.80%</b>	<b>93.79%</b>
ON-MICH	-0.63	0.00%	6.85%	10.46%	28.98%	0.58%	6.63%	5.57%
<b>TOTALS</b>		<b>100.00%</b>	<b>99.29%</b>	<b>99.06%</b>	<b>97.69%</b>	<b>99.90%</b>	<b>99.43%</b>	<b>99.36%</b>