

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

SUMMARY OF NET INTERCHANGE SCHEDULES

| TO FROM | NYISO | PJM | IESO | ISONE | NB/NS | Trans Énergie | Cross- Sound | Neptune- HVdc | Linden VFT | HTP | NNC Transfer | Other Control Areas | TOTAL EXPORT+ IMPORT- |
|------------------|-------|-----|------|-------|-------|------------------|-----------------|------------------|---------------|------|-----------------|---------------------------|-----------------------------|
| NYISO | | 37 | 0 | 83 | 0 | -533 | -330 | -375 | -315 | -320 | -100 | 120 | -1733 |
| PJM | -37 | | 0 | 0 | 0 | 0 | 0 | 375 | 315 | 320 | 0 | -2217 | -1244 |
| IESO | 0 | 0 | | 0 | 0 | -1250 | 0 | 0 | 0 | 0 | 0 | 0 | -1250 |
| ISONE | -83 | 0 | 0 | | 0 | -225 | 330 | 0 | 0 | 0 | 100 | 0 | 122 |
| NB/NS | 0 | 0 | 0 | 0 | | -923 | 0 | 0 | 0 | 0 | 0 | 0 | -923 |
| Trans Énergie | 533 | 0 | 1250 | 225 | 923 | | 0 | 0 | 0 | 0 | 0 | 45 | 2976 |

| APPENDIX A | |
|---|-------------|
| SUMMARY OF WINTER 2021-22 BASE TRANSFERS | |
| NEW BRUNSWICK/NOVA SCOTIA | |
| New Brunswick to TransÉnergie: Madawaska and Eel River HVdc | -923 |
| New Brunswick to New England | 0 |
| Total Export (+) / Import (-) | -923 |

| | |
|--|------------|
| NEW ENGLAND | |
| New England to New Brunswick | 0 |
| New England to TransÉnergie: Sandy Pond HVdc | 0 |
| New England to TransÉnergie: Vermont | -225 |
| New England to New York | -83 |
| New England to NY: Norwalk Harbor-Northport | 100 |
| New England to NY: Cross-Sound | 330 |
| Total Export (+) / Import (-) | 122 |

| | |
|---|--------------|
| NEW YORK ISO | |
| New York to TransÉnergie | -533 |
| 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 | -38 |
| New York to PJM: Non-Firm Energy | 0 |
| New York to PJM: Linden VFT | -315 |
| New York to PJM: Neptune HVdc | -375 |
| New York to PJM: HTP | -320 |
| New York to MISO: NYPA to AMP- Ohio | 120 |
| New York to IESO (Ontario) | 0 |
| Total Export (+) / Import (-) | -1733 |

| APPENDIX A | |
|---|--------------|
| SUMMARY OF WINTER 2021-22 BASE TRANSFERS | |
| IESO (Ontario) | |
| IESO to TransÉnergie | -1250 |
| IESO to New York | 0 |
| IESO to PJM | 0 |
| IESO to MISO | 0 |
| Total Export (+) / Import (-) | -1250 |

| | |
|--|--------------|
| PJM | |
| PJM to New York: NYPA to PA-RECS | -75 |
| PJM to New York: Sithe Allegheny | 38 |
| PJM to New York: Non Firm Energy | 0 |
| PJM to New York: Neptune HVdc | 375 |
| PJM to New York: Linden VFT | 315 |
| PJM to New York: HTP | 320 |
| Miscellaneous Transfers to Other Areas | -2217 |
| Total Export (+) / Import (-) | -1244 |

| | |
|---|-------------|
| TRANSÉNERGIE | |
| TransÉnergie to New Brunswick: Madawaska and Eel River HVdc | 923 |
| TransÉnergie to New England: Sandy Pond HVdc | 0 |
| TransÉnergie to New England: Vermont | 225 |
| TransÉnergie to New York | 533 |
| TransÉnergie to IESO (Ontario) | 1250 |
| TransÉnergie to Cornwall | 45 |
| Total Export (+) / Import (-) | 2976 |

Appendix B – WINTER 2021-22 BASE CASE CONDITIONS

GENERATION FACILITIES (LEVEL OF GENERATION IN CASE)

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

TransÉnergie HVdc CONVERTER SCHEDULES

| | | |
|-----------------|--------|----------------|
| Chateaugay HVdc | 533 MW | In Service |
| Sandy Pond HVdc | 0 MW | Out-of-service |
| Highgate HVdc | 223 MW | In Service |
| Madawaska HVdc | 301 MW | In Service |
| Eel River HVdc | 299 MW | In Service |

AREA LOADS & LOSSES

| | |
|----------------|-----------|
| NYISO | 24,025 MW |
| ISO-NE | 20,830 MW |
| IESO (Ontario) | 21,959 MW |
| PJM | 47,561 MW |

PHASE ANGLE REGULATOR SCHEDULES

| | | |
|--------------------------|---------|----------------|
| Inghams (CD-ED) | 120 MW | |
| Sandbar PAR (PV-20) | 100 MW | |
| St. Lawrence-Moses L33P | 0 MW | Out-of-service |
| St. Lawrence-Moses L34P | 0 MW | |
| Norwalk Harbor-Northport | 100 MW | |
| Jamaica-Valley Stream | -100 MW | |
| Jamaica-Lake Success | -200 MW | |
| Hudson-Farragut (B3402) | 0 MW | Out-of-service |
| Marion-Farragut (C3403) | 0 MW | Out-of-service |
| Linden-Goethals | 0 MW | |
| Waldwick-Hinchmans | 0 MW | |
| Waldwick-Fairlawn | 0 MW | |
| Waldwick-Hillsdale | 0 MW | |
| Ramapo PAR #1 (+ to NY) | 100 MW | |
| Ramapo PAR #2 (+ to NY) | 100 MW | |
| East Garden City #1 | 343 MW | |
| East Garden City #2 | 343 MW | |

Appendix D – RATINGS OF MAJOR TRANSMISSION FACILITIES IN NEW YORK

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|--------------------------------|---------|-----|-----|------|------|--------|---------|
| ACADEMY_138A_138B_PAR1 | PAR1 | 138 | 301 | 360 | 451 | 325751 | 153 |
| ACADEMY_138A_138B_PAR8 | PAR8 | 138 | 301 | 360 | 451 | 325750 | 153 |
| ACADEMY_345_138_TR1 | TR1 | 345 | 303 | 368 | 446 | 325753 | 154 |
| ACADEMY_345_138_TR8 | TR8 | 345 | 303 | 368 | 446 | 325752 | 154 |
| ADIRNDCK_230_115_BK 1 | BK1 | 115 | 132 | 166 | 172 | 26697 | 0 |
| ADIRNDCK-CHASLAKE_230_13 | 13 | 230 | 478 | 478 | 634 | 325233 | 5 |
| ADIRNDCK-PORTER_230_12 | 12 | 230 | 478 | 478 | 634 | 25082 | 89 |
| AIRPRDCT-ALBANY__115_8 | 8-NA | 115 | 340 | 373 | 414 | 327375 | 80 |
| AKRONVIL-N.AKRON_115_107 | 107 | 115 | 222 | 234 | 278 | 326868 | 13 |
| ALBANY_-GREENBSH_115_1 | 1 | 115 | 304 | 349 | 399 | 25860 | 153 |
| ALBANY_-GREENBSH_115_2 | 2 | 115 | 304 | 349 | 399 | 25868 | 153 |
| ALBANY_-TRINITY_115_5 | 5 | 115 | 214 | 256 | 317 | 25861 | 123 |
| ALBANY_-TRINITY_115_9 | 9 | 115 | 159 | 178 | 258 | 25872 | 83 |
| ALCOA_-BRADY__115_13 | 13 | 115 | 156 | 170 | 181 | 25230 | 23 |
| ALCOA_-DENNISON_115_12 | 12-AD | 115 | 215 | 235 | 253 | 25227 | 36 |
| ALCOA_PA-ALCOA__115_R8105 | R8105 | 115 | 263 | 294 | 348 | 25202 | 59 |
| ALCOA_PA-GRASRIVR_115_MAL4 | MAL4 | 115 | 267 | 295 | 327 | 326295 | 101 |
| ALCOA_PA-GRASRIVR_115_MAL5 | MAL5 | 115 | 267 | 295 | 327 | 326296 | 101 |
| AMAWALK_-MOHANSIC_115_995 U.G. | 995UG | 115 | 88 | 88 | 98 | 26481 | 9 |
| AMAWALK_-MOHANSIC_115_996 U.G. | 996UG | 115 | 107 | 107 | 107 | 26480 | 7 |
| ANDOVER_-PALMITER_115_157-932 | 157_932 | 115 | 97 | 117 | 119 | 25094 | 1 |
| ANHRBUSH-LYSANDER_115_9 | 9 | 115 | 234 | 256 | 277 | 326803 | 6 |
| ARCADE_-MACHIAS_115_167 | 151 | 115 | 156 | 171 | 182 | 326168 | 14 |
| ASH_-TEMPLE__115_9 | 9 | 115 | 207 | 233 | 233 | 26062 | 3 |
| ASHLEYRD-MASONCR_115_909 | 909 | 115 | 189 | 207 | 221 | 25847 | 22 |
| ASHLEYRD-PLATSBURG_115_700 | 700 | 115 | 223 | 237 | 259 | 25845 | 23 |
| ASTANNEX_138A_138B_PAR1 | PAR1 | 138 | 415 | 477 | 544 | 325848 | 101 |
| ASTANNEX_345_138_TR1 | TR1 | 345 | 320 | 390 | 468 | 325847 | 101 |
| ASTANNEX-ASTORIAE_138_34091 | 34091 | 138 | 288 | 318 | 346 | 325849 | 101 |
| ASTANNEX-E13THSTA_345_Q35L | Q35L | 345 | 415 | 639 | 1595 | 25134 | 354 |
| ASTANNEX-E13THSTA_345_Q35M | Q35M | 345 | 415 | 639 | 1595 | 25142 | 322 |
| ASTENRG2-ASTANNEX_345_G13 | G13 | 345 | 950 | 1050 | 1150 | 325744 | 59 |
| ASTORIAE-ASTORIA3_138_34123 | 34123 | 138 | 299 | 335 | 400 | 25876 | 0 |
| ASTORIAE-CORONA__138_34181 | 34181 | 138 | 195 | 249 | 378 | 25277 | 119 |
| ASTORIAE-CORONA__138_34182 | 34182 | 138 | 195 | 249 | 378 | 25278 | 115 |
| ASTORIAE-CORONA__138_34183 | 34183 | 138 | 195 | 249 | 378 | 25279 | 119 |
| ASTORIAE-CORONA__138_34184 | 34184 | 138 | 195 | 249 | 378 | 25280 | 111 |
| ASTORIAE-CORONA__138_34185 | 34185 | 138 | 195 | 249 | 378 | 25281 | 105 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-----------------------------|---------|-----|------|------|------|--------|---------|
| ASTORIAE-CORONA__138_34186 | 34186 | 138 | 195 | 249 | 378 | 25282 | 107 |
| ASTORIAW-QUENBRDG_138_28241 | 28241 | 138 | 195 | 249 | 378 | 25315 | 96 |
| ASTORIAW-QUENBRDG_138_28242 | 28242 | 138 | 195 | 249 | 378 | 25316 | 98 |
| ASTORIAW-QUENBRDG_138_28243 | 28243 | 138 | 391 | 499 | 688 | 25317 | 180 |
| ASTORIAW-QUENBRDG_138_28244 | 28244 | 138 | 413 | 557 | 688 | 25318 | 207 |
| ATHENS_-PLSNTVLY_345_91 | 91 | 345 | 1624 | 1783 | 1946 | 25054 | 838 |
| AYERREND-TNWDA206_115_36 | 36 | 115 | 211 | 211 | 212 | 326367 | 43 |
| AYERREND-TNWDA206_115_37 | 37 | 115 | 206 | 206 | 206 | 326370 | 43 |
| BABBITSC-LIGHTHSE_115_6 | 6 | 115 | 141 | 144 | 165 | 25506 | 51 |
| BAGATLRD-PILGRIM__138_564 | 564 | 138 | 571 | 612 | 678 | 325607 | 48 |
| BAKER_ST-FALCONER_115_160 | 160-3 | 115 | 222 | 234 | 239 | 26513 | 11 |
| BALLSTON-TAPBLSTN_115_43 | 43 | 115 | 268 | 293 | 317 | 325896 | 20 |
| BALLSTON-TAPBLSTN_115_44 | 44 | 115 | 268 | 293 | 317 | 325897 | 23 |
| BARRETT__138A_138B_PAR | B_PAR | 138 | 267 | 272 | 326 | 25590 | 145 |
| BARRETT_-FREEPORT_138_459 | 459 | 138 | 192 | 272 | 326 | 26425 | 145 |
| BARTELRD-PINEGROV_115_10 | 10 | 115 | 331 | 364 | 404 | 327250 | 111 |
| BARTELRD-PINEGROV_115_3 | 3 | 115 | 331 | 364 | 404 | 327235 | 74 |
| BATAVIA_-EBATAVIA_115_107 | 107 | 115 | 159 | 159 | 159 | 326099 | 1 |
| BATAVIA_-SEBATVIA_115_117 | 117 | 115 | 239 | 239 | 239 | 26017 | 10 |
| BATH___-MONTRFL_115_965 | 965 | 115 | 146 | 149 | 149 | 26163 | 6 |
| BATH___-SPENCHIL_115_723 | 723 | 115 | 221 | 241 | 261 | 325797 | 31 |
| BATNKILL-SCHAGCKT_115_310 | 310 | 115 | 227 | 248 | 268 | 26474 | 24 |
| BEAR SWP-EASTOVER_230_E205W | E205W | 230 | 536 | 586 | 634 | 25030 | 126 |
| BECK___-NIAGARA_230_PA27 | PA27 | 230 | 480 | 540 | 685 | 25025 | 43 |
| BECK___-NIAGARA_345_PA301 | PA301 | 345 | 1180 | 1469 | 1860 | 25040 | 7 |
| BECK___-NIAGARA_345_PA302 | PA302 | 345 | 1180 | 1469 | 1860 | 25041 | 7 |
| BECK___-PACKARD_230_BP76 | BP76 | 230 | 582 | 687 | 713 | 25024 | 20 |
| BELMONT_-HOPKINS_115_13 | 13 | 115 | 270 | 297 | 324 | 326806 | 25 |
| BELMONT_-WOODARD_115_4 | 4 | 115 | 190 | 208 | 221 | 326805 | 42 |
| BENETTRD-E_DUNKRK_115_161 | 161-3 | 115 | 213 | 225 | 242 | 326231 | 15 |
| BENETTRD-E_DUNKRK_115_162 | 161-3 | 115 | 213 | 225 | 242 | 326233 | 13 |
| BENNETT_-MORAINE_115_725 | 725 | 115 | 149 | 172 | 179 | 325858 | 42 |
| BENNETT_-SPENCHIL_115_953 | 953 | 115 | 221 | 241 | 261 | 26164 | 15 |
| BENSHRST-GREENWD_138_38B13 | 38B13 | 138 | 217 | 298 | 471 | 326271 | 117 |
| BERKSHIR-ALPS___345_393 | 393 | 345 | 1792 | 1883 | 1912 | 25034 | 102 |
| BERRY_RD-W.ASHVLE_115_160 | 160-2 | 115 | 245 | 257 | 282 | 26512 | 16 |
| BETHLHEM-ALBANY__115_18 | 18-BA | 115 | 388 | 427 | 474 | 26119 | 98 |
| BETHLMRD-ROCKTVRN_115_RD | RD | 115 | 152 | 167 | 176 | 326346 | 36 |
| BIGTREE_-DAVIS_RD_115_904 | 904 | 115 | 179 | 197 | 213 | 25162 | 11 |
| BIGTREE_-LANGNERD_115_903 | 903 | 115 | 206 | 227 | 252 | 326050 | 43 |
| BLACKRVR-CARTHAGE_115_1 | 1 | 115 | 141 | 144 | 159 | 26067 | 15 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|------------------------------|---------|-----|------|------|------|--------|---------|
| BLACKRVR-EWATRTWN_115_5 | 5 | 115 | 141 | 144 | 159 | 325771 | 13 |
| BLACKRVR-FORTDRUM_115_2 | 2-BF | 115 | 141 | 144 | 159 | 26068 | 13 |
| BLACKRVR-GLENPARK_115_3 | 3 | 115 | 156 | 159 | 159 | 325315 | 41 |
| BLACKRVR-MIDDLERD_115_8 | 6 | 115 | 141 | 144 | 165 | 326703 | 51 |
| BLISSVIL-WHITEHAL_115_K7 | K7 | 115 | 239 | 239 | 239 | 25028 | 0 |
| BLUESTOR-LAFARGE_115_8 | 8 | 115 | 141 | 144 | 159 | 326091 | 43 |
| BLUESTOR-PLSTVYCH_115_13-987 | 13-987 | 115 | 169 | 213 | 239 | 25505 | 52 |
| BLUESTOR-PLSTVYCH_115_8 | 8 | 115 | 169 | 187 | 216 | 25498 | 42 |
| BNNINGTN-HOOSICK_115_K6 | K6 | 115 | 229 | 274 | 292 | 25029 | 3 |
| BNVLMUNI-PORTER__115_2 | 2 | 115 | 124 | 124 | 124 | 325778 | 37 |
| BOONVLE-BNVLMUNI_115_2 | 2 | 115 | 124 | 124 | 124 | 26073 | 14 |
| BOONVLE-PORTER__115_1 | 1-BP | 115 | 127 | 127 | 127 | 26074 | 36 |
| BOONVLE-ROME__115_4 | 4 | 115 | 128 | 135 | 152 | 26072 | 27 |
| BOONVLE-TURIN_RD_115_3 | 3 | 115 | 141 | 144 | 159 | 26071 | 33 |
| BORDRCTY-GUARDIAN_115_969 | 969 | 115 | 179 | 179 | 179 | 325283 | 79 |
| BOWLINE_345_138_BK455 | BK455 | 345 | 506 | 587 | 671 | 25664 | 129 |
| BOWLINE_-WHAVSTRW_345_67-1 | 67-1 | 345 | 777 | 837 | 837 | 25567 | 0 |
| BOWLINOR-CONGERS_138_561 | 561 | 138 | 278 | 318 | 334 | 26723 | 96 |
| BRADY_-NOGDNRBG_115_13 | 13 | 115 | 245 | 260 | 282 | 326348 | 17 |
| BRIGHAM_-LUDLUM__115_161 | 161-2 | 115 | 213 | 225 | 242 | 26020 | 26 |
| BRIGHAM_-LUDLUM__115_162 | 162-1 | 115 | 213 | 225 | 242 | 326228 | 22 |
| BRISTLHL-CLAY___115_4 | 4 | 115 | 135 | 135 | 135 | 25518 | 21 |
| BRISTLHL-WHITAKER_115_4 | 4 | 115 | 128 | 135 | 152 | 25512 | 42 |
| BROOK_RD-SMITHBRD_115_2 | 2 | 115 | 282 | 288 | 318 | 325901 | 24 |
| BROOK_RD-SMITHBRD_115_302 | 302 | 115 | 268 | 292 | 317 | 325902 | 16 |
| BROOK_RD-TAPBROOK_115_2 | 2 | 115 | 282 | 288 | 318 | 325899 | 51 |
| BROOK_RD-TAPBROOK_115_302 | 302 | 115 | 268 | 292 | 317 | 325900 | 30 |
| BROOKHVN_138_69_BK 1 | BK 1 | 138 | 258 | 318 | 383 | 26548 | 82 |
| BROOKHVN_138_69_BK 2 | BK 2 | 138 | 258 | 318 | 424 | 325152 | 76 |
| BROOKHVN-EDWARDAV_138_864 | 864 | 138 | 276 | 436 | 597 | 25553 | 78 |
| BROOKHVN-SILLSRD_138_874 | 874 | 138 | 529 | 590 | 669 | 325617 | 93 |
| BROOKHVN-SILLSRD_138_887 | 887 | 138 | 529 | 591 | 669 | 325619 | 93 |
| BROOKHVN-WILDWOOD_138_861 | 861 | 138 | 559 | 594 | 675 | 325932 | 51 |
| BROWNFLS-HIGLEY__115_1 | 1-BH | 115 | 130 | 144 | 159 | 26078 | 35 |
| BROWNFLS-TAYLORVL_115_3 | 3-BT | 115 | 130 | 144 | 159 | 26076 | 40 |
| BROWNFLS-TAYLORVL_115_4 | 4-BT | 115 | 130 | 138 | 159 | 26077 | 40 |
| BUCHAN_N_345_138_BK TA5 | BK TA5 | 345 | 230 | 306 | 381 | 25425 | 58 |
| BUCHAN_N-BUCHANAN_138_95891 | 95891 | 138 | 249 | 296 | 384 | 25568 | 58 |
| BUCHAN_N-EASTVIEW_345_W93 | W93 | 345 | 1823 | 2015 | 2557 | 25133 | 659 |
| BUCHAN_S-MILLWOOD_345_W97 | W97 | 345 | 1840 | 1973 | 2154 | 25146 | 385 |
| BUCHAN_S-MILLWOOD_345_W98 | W98 | 345 | 1840 | 1973 | 2154 | 25247 | 385 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-------------------------------|---------|-----|-----|-----|-----|--------|---------|
| BUCHANAN-MILLWOOD_138_96951 | 96951 | 138 | 291 | 322 | 408 | 25283 | 6 |
| BUCHANAN-MILLWOOD_138_96952 | 96952 | 138 | 291 | 322 | 408 | 25284 | 6 |
| BUFAL129-MAPLE140_115_38 | 38 | 115 | 176 | 181 | 209 | 326159 | 41 |
| BUFAL129-MAPLE140_115_39 | 39 | 115 | 176 | 181 | 209 | 326160 | 40 |
| BUFALO54-BUFALO61_115_38 | 38 | 115 | 227 | 249 | 268 | 326155 | 31 |
| BUFALO54-BUFALO61_115_39 | 39 | 115 | 211 | 217 | 255 | 326156 | 31 |
| BUFALO61-URBAN154_115_38 | 38 | 115 | 211 | 217 | 255 | 326153 | 28 |
| BUFALO61-URBAN154_115_39 | 39 | 115 | 211 | 217 | 255 | 326154 | 27 |
| BUFALO78-HUNTLEY_115_130 | 130 | 115 | 211 | 217 | 239 | 26043 | 78 |
| BUFALO78-YOUNG214_115_133 | 133 | 115 | 213 | 225 | 242 | 326290 | 75 |
| BULYMO_-BOONVLE_115_6 | 6 | 115 | 141 | 144 | 144 | 325265 | 10 |
| BURDECK_-ALTAMONT_115_17 | 17-BA | 115 | 141 | 144 | 165 | 26151 | 41 |
| BURDECK_-VORHVSLE_115_19 | 19-BV | 115 | 141 | 144 | 165 | 26152 | 33 |
| BURGOYNE-MOHICAN_115_13 | 13-MW | 115 | 141 | 144 | 159 | 326309 | 27 |
| BURGOYNE-WHITEHAL_115_6 | 6 | 115 | 132 | 132 | 132 | 326308 | 15 |
| BURNS_138_69_BK_519 | BK_519 | 138 | 208 | 258 | 284 | 25889 | 42 |
| BURNS_-N.HEMPST_138_531 | 531 | 138 | 282 | 309 | 321 | 25878 | 9 |
| BURNS_-OAKSTRET_138_702 | 702 | 138 | 226 | 248 | 258 | 325812 | 61 |
| BURNS_-WHAVSTOR_138_541 | 541 | 138 | 282 | 309 | 321 | 25879 | 56 |
| BUTLER_-MOHICAN_115_18 | 18 | 115 | 141 | 144 | 165 | 26434 | 20 |
| C_ISLIP_138_69_BK_3 | BK_3 | 138 | 259 | 304 | 319 | 26519 | 77 |
| C_ISLIP-RONKOKMA_138_883 | 883 | 138 | 435 | 611 | 677 | 26497 | 21 |
| CALSPAN_-DEPEW__115_54-921 | 54-921 | 115 | 168 | 212 | 239 | 326276 | 27 |
| CALSPAN_-NBRDWYNG_115_181-922 | 181-922 | 115 | 179 | 197 | 211 | 326951 | 69 |
| CANAL__138_69_BK5 | BK_5 | 138 | 282 | 316 | 466 | 327369 | 69 |
| CANAL_-RIVRHEAD_138_910 | 910 | 138 | 207 | 282 | 313 | 325242 | 69 |
| CANAL_-RIVRHEAD_138_911 | 910 | 138 | 207 | 283 | 313 | 327371 | 64 |
| CANANDGA-STONYRDG_230_68 | 68 | 230 | 600 | 625 | 653 | 25176 | 131 |
| CARMEL_-UNIONVAL_115_991 | 991 | 115 | 239 | 239 | 239 | 26155 | 64 |
| CARMEL_-WOODSTNY_115_900 | 900 | 115 | 255 | 278 | 303 | 326880 | 47 |
| CARMEL_-WOODSTNY_115_992 | 992 | 115 | 260 | 286 | 302 | 325278 | 46 |
| CARR_ST_-DEWITT_115_15 | 15-CD | 115 | 227 | 249 | 268 | 26093 | 38 |
| CARR_ST_-SALCARBM_115_6 | 6 | 115 | 227 | 249 | 268 | 325216 | 35 |
| CARRSCRN-SALAMANC_115_153 | 153 | 115 | 156 | 170 | 181 | 326163 | 2 |
| CARRSCRN-SALAMANC_115_154 | 154 | 115 | 156 | 170 | 181 | 326165 | 6 |
| CASTLEGD-FULLRHLW_115_937 | 937 | 115 | 299 | 335 | 358 | 325222 | 6 |
| CATON_-HILLSIDE_115_960 | 960 | 115 | 120 | 120 | 120 | 325290 | 23 |
| CAVANARD-PORTER_115_7 | 7 | 115 | 141 | 144 | 165 | 325214 | 57 |
| CEDAR_-BURGOYNE_115_6 | 6 | 115 | 141 | 144 | 165 | 26516 | 28 |
| CEDARS_-ROSEMNTA_115_1/11 | 1/11 | 115 | 156 | 170 | 181 | 26083 | 1 |
| CEDARS_-ROSEMNTB_115_2/22 | 2/22 | 115 | 156 | 170 | 181 | 26082 | 2 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|------------------------------|---------|-----|------|------|------|--------|---------|
| CENTERST-MAPLEAVE_115_22 | 22 | 115 | 156 | 156 | 156 | 327076 | 7 |
| CENTERST-STONER__115_9 | 9 | 115 | 156 | 170 | 181 | 327078 | 10 |
| CHADWICK-E.WALDEN_115_DW | DW-3 | 115 | 220 | 234 | 256 | 26218 | 57 |
| CHADWICK-WBALMVLE_115_DW | DW-2 | 115 | 220 | 234 | 256 | 26217 | 38 |
| CHASLAKE-PORTER__230_11 | 11 | 230 | 511 | 564 | 586 | 25051 | 113 |
| CHAT_TAP-LYON_MTN_115_1(911) | 911 | 115 | 173 | 191 | 205 | 325704 | 6 |
| CHATEAUG-CHAT_TAP_115_911 | 911 | 115 | 44 | 45 | 49 | 325705 | 15 |
| CHATGUAY-MASSENA__765_7040 | 7040 | 765 | 5300 | 6254 | 6625 | 25301 | 533 |
| CHEMUNG_-NWAVERLY_115_962 | 962 | 115 | 187 | 210 | 230 | 325289 | 54 |
| CHESTROR-SUGRLOAF_138_271 | 271 | 138 | 282 | 309 | 321 | 325424 | 42 |
| CHRCHTWN-BLUESTOR_115_13-987 | 13-987 | 115 | 179 | 179 | 179 | 26685 | 62 |
| CHRCHTWN-CRARYVIL_115_984 | 984 | 115 | 138 | 167 | 179 | 26500 | 8 |
| CHRCHTWN-FALLSPRK_115_11-731 | 13 | 115 | 292 | 354 | 359 | 326939 | 70 |
| CHURCH_S-ROTTRDAM_115_10 | 10-AR | 115 | 141 | 144 | 155 | 26428 | 28 |
| CHURCH_S-ROTTRDAM_115_12 | 12 | 115 | 141 | 144 | 151 | 327080 | 25 |
| CLAY__345_115_BK 1 | BK 1 | 345 | 560 | 718 | 796 | 25387 | 283 |
| CLAY__345_115_BK 2 | BK 2 | 345 | 590 | 764 | 796 | 25421 | 283 |
| CLAY__-BARTELRD_115_10 | 10 | 115 | 318 | 318 | 318 | 25520 | 111 |
| CLAY__-BARTELRD_115_3 | 3 | 115 | 268 | 293 | 317 | 25519 | 86 |
| CLAY__-COLAMCRS_115_5 | 5 | 115 | 267 | 293 | 317 | 25522 | 53 |
| CLAY__-DEWITT__345_13 | 13 | 345 | 1431 | 1605 | 1721 | 25168 | 577 |
| CLAY__-EDIC__345_1-16 | CE1-16 | 345 | 1591 | 1745 | 1904 | 25200 | 279 |
| CLAY__-EDIC__345_2-15 | CE2-15 | 345 | 1591 | 1745 | 1904 | 25169 | 280 |
| CLAY__-EUCLID__115_11 | 11 | 115 | 268 | 293 | 317 | 25516 | 115 |
| CLAY__-EUCLID__115_17 | 17 | 115 | 268 | 293 | 317 | 25515 | 83 |
| CLAY__-INDPDNCE_345_26 | 26 | 345 | 1918 | 2115 | 2390 | 25858 | 883 |
| CLAY__-WETZEL__115_14 | 14-CG | 115 | 268 | 293 | 317 | 25517 | 68 |
| CLEARWTR-ANHRBUSH_115_9 | 9 | 115 | 234 | 256 | 277 | 326798 | 69 |
| CLINTON_-IMC_TAP__115_15 | 15-CI | 115 | 141 | 144 | 165 | 26128 | 13 |
| CLRKSCRN_345_115_BK1 | BK1 | 345 | 280 | 313 | 336 | 325724 | 88 |
| CLRKSCRN_345_115_BK2 | BK2 | 345 | 280 | 313 | 336 | 325725 | 88 |
| CLRKSCRN-OAKDALE_345_36 | 36 | 345 | 1279 | 1410 | 1781 | 325726 | 546 |
| CLYDE__115_34_TR1 | TR1 | 115 | 152 | 166 | 175 | 25221 | 18 |
| CLYDE__-STATE_ST_115_3-971 | 971 | 115 | 152 | 159 | 159 | 68810 | 0 |
| COBBLENM-COBBLENY_115_BK 1 | BK 1 | 115 | 45 | 47 | 53 | 25426 | 9 |
| COBBLENM-SPRINGVL_115_151 | 151 | 115 | 156 | 171 | 182 | 326166 | 24 |
| COBBLENM-SPRINGVL_115_152 | 152 | 115 | 156 | 171 | 182 | 326170 | 20 |
| CODNIGTN-E.ITHACA_115_981 | 981-1 | 115 | 133 | 149 | 162 | 25730 | 8 |
| CODNIGTN-ETNA__115_998 | 998 | 115 | 266 | 288 | 288 | 25734 | 33 |
| COFFEEN_-EWATRTRWN_115_5 | 5 | 115 | 122 | 122 | 122 | 325769 | 27 |
| COFFEEN_-GLENPARK_115_3 | 3-CG | 115 | 119 | 119 | 119 | 26069 | 54 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|------------------------------|---------|-----|------|------|------|--------|---------|
| COLAMCRS-DUGUID_115_5 | 5 | 115 | 268 | 293 | 317 | 326819 | 44 |
| COLDENHM-ROCKTVRN_115_J | J | 115 | 256 | 282 | 349 | 26420 | 46 |
| COLDSPRG-CARRSCRN_115_905 | 905 | 115 | 36 | 40 | 42 | 26440 | 11 |
| COLLIERS-RICHFELD_115_929 | 929 | 115 | 149 | 172 | 215 | 26169 | 3 |
| COLTON_-FLATROCK_115_2 | 2-CF | 115 | 139 | 144 | 144 | 26088 | 36 |
| COLTON_-HIGLEY_115_1 | 1-HC | 115 | 156 | 156 | 156 | 26087 | 35 |
| COLTON_-LITTLRIV_115_7 | 7 | 115 | 93 | 101 | 106 | 26086 | 11 |
| COLTON_-TOWNLINE_115_9 | 9 | 115 | 109 | 109 | 109 | 325641 | 5 |
| COMSTKNM-BURGOYNE_115_13 | 13-MW | 115 | 141 | 144 | 165 | 26484 | 26 |
| CONGERS_-SNKEHLRD_138_563 | 563 | 138 | 378 | 414 | 431 | 25887 | 70 |
| COOPERNY-FERNDALE_115_950 | 950 | 115 | 179 | 179 | 179 | 26171 | 44 |
| COOPERNY-ROCKHILL_115_957 | 957 | 115 | 168 | 185 | 200 | 325614 | 30 |
| COOPERS_345_115_BK 2 | BK 2 | 345 | 256 | 295 | 300 | 25433 | 55 |
| COOPERS_345_115_BK 3 | BK 3 | 345 | 256 | 295 | 300 | 25434 | 56 |
| COOPERS_-DOLSONAV_345_CCDA42 | CCDA42 | 345 | 1793 | 1793 | 1793 | 25111 | 235 |
| COOPERS_-MIDDLETP_345_CMT-34 | CMT-34 | 345 | 1786 | 1793 | 1793 | 25110 | 517 |
| CORNING_-MCADOO_115_4 | 4 | 115 | 156 | 170 | 181 | 326380 | 5 |
| CORONA_138A_138B_BK R1 | B_BK R1 | 138 | 214 | 285 | 354 | 25621 | 65 |
| CORONA_138A_138C_BK R2 | C_BK R2 | 138 | 214 | 285 | 354 | 25622 | 66 |
| CORONA_-JAMAICA_138_18001 | 18001 | 138 | 168 | 225 | 368 | 25285 | 65 |
| CORONA_-JAMAICA_138_18002 | 18002 | 138 | 168 | 225 | 368 | 25286 | 66 |
| CORONA_-RAINEY_138_36187 | 36187 | 138 | 327 | 417 | 537 | 326894 | 67 |
| CORPDRIV-HARNGCRN_138_703 | 703 | 138 | 189 | 222 | 250 | 25881 | 36 |
| CORTLAND-LABDELFE_115_3 | 3 | 115 | 152 | 166 | 175 | 325248 | 5 |
| CORTLAND-TULLERHL_115_1-716 | 1 | 115 | 156 | 170 | 181 | 25059 | 15 |
| CORTLAND-TULLYCTR_115_18 | 18 | 115 | 224 | 239 | 239 | 26089 | 42 |
| CRICKVLY-PLSNTVLY_345_F83 | F83 | 345 | 1414 | 1549 | 1796 | 326887 | 473 |
| CRICKVLY-PLSNTVLY_345_F84 | F84 | 345 | 1533 | 2045 | 2242 | 326888 | 616 |
| CROUSEHD-HOPKINS_115_13 | 13 | 115 | 268 | 293 | 317 | 326783 | 12 |
| CURRY_RD-LINE8TAP_115_8 | 8 | 115 | 141 | 144 | 165 | 26254 | 27 |
| CURTIS_-LYSANDER_115_13 | 13 | 115 | 219 | 219 | 219 | 326782 | 61 |
| CURTPALM-EJWEST_115_9 | 9 | 115 | 156 | 170 | 181 | 326146 | 5 |
| DALEROAD-GARDNVLB_115_39 | 39 | 115 | 211 | 217 | 242 | 26036 | 23 |
| DANSKAMR-CHADWICK_115_DW | DW-1 | 115 | 265 | 290 | 315 | 26219 | 18 |
| DANSKAMR-MARLBORO_115_DB | DB | 115 | 227 | 249 | 269 | 26221 | 10 |
| DANSKAMR-NCHELSEA_115_AC | AC | 115 | 216 | 231 | 334 | 25829 | 20 |
| DANSKAMR-NCHELSEA_115_DC | DC | 115 | 200 | 217 | 334 | 25830 | 21 |
| DANSKAMR-RYNDH_115_DR | DR | 115 | 237 | 282 | 315 | 25831 | 32 |
| DAVIS_RD-STOLLERD_115_927 | 927 | 115 | 238 | 239 | 239 | 26172 | 4 |
| DEBALSO_-WALESVIL_115_3 | 3 | 115 | 156 | 170 | 181 | 326704 | 16 |
| DEKALB_-BATTHILL_115_4 | 4 | 115 | 93 | 101 | 106 | 326398 | 12 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|------------------------------|---------|-----|------|------|------|--------|---------|
| DELEMTER-LAKEVIEU_115_141 | 141 | 115 | 107 | 117 | 123 | 325873 | 13 |
| DELEMTER-LAKEVIEU_115_142 | 142 | 115 | 107 | 117 | 123 | 325880 | 22 |
| DELHI_-DELHI_TP_115_951 | 951 | 115 | 164 | 164 | 164 | 26174 | 114 |
| DELHI_-GR.GORGE_115_916 | 916 | 115 | 90 | 90 | 90 | 26479 | 19 |
| DELHI_-VINGR_TP_115_917_916 | 917-916 | 115 | 120 | 120 | 120 | 25911 | 40 |
| DELHI_TP-COLLIERS_115_951 | 951-2 | 115 | 239 | 239 | 239 | 26203 | 39 |
| DENNISON-LAWRNCAV_115_5 | 5 | 115 | 268 | 293 | 317 | 25226 | 18 |
| DENNISON-NORFOLK_115_4 | 4 | 115 | 268 | 293 | 317 | 25225 | 18 |
| 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 | 1 |
| DEPEW_NG-ERIE_ST_115_54-921 | 54-921 | 115 | 145 | 160 | 178 | 26010 | 20 |
| DEPEW_TP-DEPEW___115_BK 1 | BK 1 | 115 | 120 | 120 | 120 | 25428 | 7 |
| DEWITT_345_115_BK 2 | BK 2 | 345 | 619 | 758 | 796 | 25418 | 259 |
| DEWITT_-BUTERNUT_115_4 | 4 | 115 | 245 | 260 | 282 | 26094 | 42 |
| DOLSONAV-ROCKTVRN_345_DART44 | DART-44 | 345 | 1918 | 2115 | 2390 | 326310 | 956 |
| DUGUID_-DEWITT___115_5 | 5 | 115 | 245 | 260 | 282 | 326736 | 21 |
| DULEY_-PATNODE_230_PND-1 | PND-1 | 230 | 506 | 564 | 589 | 325856 | 21 |
| DULEY_-PLATSBRG_230_DP-1 | DP-1 | 230 | 292 | 320 | 356 | 25272 | 0 |
| DUNKIRK_230_115_BK 31 | BK 31 | 230 | 173 | 234 | 250 | 25386 | 53 |
| DUNKIRK_230_115_BK 41 | BK 41 | 230 | 166 | 226 | 250 | 25430 | 53 |
| DUNKIRK_-BERRY_RD_115_160 | 160-1 | 115 | 239 | 239 | 239 | 26025 | 40 |
| DUNKIRK_-BRIGHAM_115_161 | 161-1 | 115 | 211 | 217 | 239 | 26021 | 30 |
| DUNKIRK_-BRIGHAM_115_162 | 162-1 | 115 | 211 | 217 | 239 | 26027 | 22 |
| DUNKIRK_-SILVRCRK_115_141 | 141 | 115 | 107 | 117 | 123 | 26026 | 0 |
| DUNKIRK_-SILVRCRK_115_142 | 142 | 115 | 107 | 117 | 123 | 26018 | 0 |
| DUNWODIE_138_138_BK N1 | BK N1 | 138 | 376 | 428 | 500 | 25624 | 116 |
| DUNWODIE_138_138_BK N2 | BK N2 | 138 | 223 | 312 | 400 | 25623 | 104 |
| DUNWODIE_138_138_BK S1 | BK S1 | 138 | 443 | 585 | 600 | 25626 | 189 |
| DUNWODIE-DUNWOODN_345_W74 | W74 | 345 | 490 | 575 | 667 | 326212 | 240 |
| DUNWODIE-DUNWOODS_345_W73 | W73 | 345 | 386 | 454 | 511 | 326211 | 233 |
| DUNWODIE-E179THST_138_99153 | 99153 | 138 | 269 | 370 | 651 | 25287 | 189 |
| DUNWODIE-MOTTHAVN_345_71 | 71 | 345 | 741 | 858 | 1309 | 25151 | 390 |
| DUNWODIE-MOTTHAVN_345_72 | 72 | 345 | 741 | 858 | 1309 | 25191 | 381 |
| DUNWODIE-SHERMCRK_138_99031 | 99031 | 138 | 154 | 196 | 308 | 25193 | 115 |
| DUNWODIE-SHERMCRK_138_99032 | 99032 | 138 | 219 | 307 | 421 | 25239 | 104 |
| DUNWODIE-SHORE_RD_345_Y50 | Y50 | 345 | 741 | 977 | 1667 | 25091 | 645 |
| DUNWOODN_345_138_BK N1 | BK N1 | 345 | 490 | 575 | 667 | 25209 | 240 |
| DUNWOODN-DUNWOODN_138_38W03 | 38W03 | 138 | 82 | 93 | 98 | 327194 | 46 |
| DUNWOODN-DUNWOODN_138_38W04 | 38B04 | 138 | 243 | 280 | 312 | 327195 | 49 |
| DUNWOODS_345_138_BK S1 | BK S1 | 345 | 386 | 454 | 511 | 25208 | 233 |
| DUNWOODS-DUNWOODN_138_99997 | 99997 | 138 | 245 | 293 | 342 | 25532 | 6 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-----------------------------|---------|-----|-----|-----|------|--------|---------|
| E.ITHACA-ETNA__115_981 | 981 | 115 | 133 | 149 | 162 | 25733 | 45 |
| E.SAYRE_-NWAVERLY_115_956 | 956 | 115 | 128 | 128 | 147 | 25013 | 46 |
| E.TWANDA-HILLSIDE_230_70 | 70 | 230 | 539 | 594 | 670 | 25014 | 146 |
| E.WALDEN_115_69_TR_3 | TR_3 | 115 | 67 | 81 | 91 | 26681 | 12 |
| E.WALDEN-COLDENHM_115_CW | CW | 115 | 256 | 282 | 349 | 26225 | 19 |
| E.WALDEN-MODENA__115_EM | EM | 115 | 285 | 310 | 349 | 25832 | 2 |
| E.WALDEN-ROCKTVRN_115_D | D | 115 | 256 | 282 | 350 | 26226 | 61 |
| E_DUNKRK-LAONA__115_161 | 161 | 115 | 107 | 117 | 123 | 326232 | 3 |
| E_DUNKRK-LAONA__115_162 | 162 | 115 | 107 | 117 | 123 | 326234 | 3 |
| E13THSA_E13THSA_138_37371 | 37371 | 138 | 356 | 514 | 641 | 325707 | 61 |
| E13THSTA_138_69_TR_9 | BK_9 | 138 | 176 | 223 | 235 | 26488 | 0 |
| E13THSTA_138_69_TR2 | BK_2 | 138 | 183 | 243 | 261 | 326976 | 79 |
| E13THSTA_138_69_TR4 | BK_4 | 138 | 183 | 260 | 261 | 326977 | 80 |
| E13THSTA_138_69_TR6 | BK_6 | 138 | 179 | 233 | 261 | 326978 | 80 |
| E13THSTA_138_69_TR8 | BK_8 | 138 | 180 | 243 | 261 | 326979 | 80 |
| E13THSTA_345_138_BK_10 | BK_10 | 138 | 284 | 297 | 315 | 25467 | 65 |
| E13THSTA_345_138_BK_11 | BK_11 | 138 | 284 | 297 | 315 | 25468 | 70 |
| E13THSTA_345_138_BK_12 | BK_12 | 138 | 322 | 363 | 410 | 25463 | 63 |
| E13THSTA_345_138_BK_13 | BK_13 | 138 | 307 | 373 | 447 | 25464 | 71 |
| E13THSTA_345_138_BK_14 | BK_14 | 138 | 295 | 326 | 369 | 25465 | 74 |
| E13THSTA_345_138_BK_15 | BK_15 | 138 | 284 | 297 | 315 | 25466 | 66 |
| E13THSTA_345_138_BK_16 | BK_16 | 138 | 318 | 372 | 495 | 25469 | 64 |
| E13THSTA-EASTRIVR_138_37041 | 37041 | 138 | 178 | 257 | 443 | 326190 | 10 |
| E13THSTA-EASTRIVR_138_37042 | 37042 | 138 | 178 | 257 | 443 | 326191 | 0 |
| E13THSTA-EASTRIVR_138_37043 | 37043 | 138 | 178 | 257 | 443 | 326192 | 10 |
| E13THSTA-EASTRIVR_138_37044 | 37044 | 138 | 178 | 257 | 443 | 326193 | 10 |
| E13THSTA-FARRAGUT_345_45 | 45 | 345 | 773 | 944 | 1347 | 25190 | 17 |
| E13THSTA-FARRAGUT_345_46 | 46 | 345 | 786 | 955 | 1353 | 25251 | 21 |
| E13THSTA-FARRAGUT_345_48 | 48 | 345 | 692 | 832 | 1288 | 25252 | 188 |
| E13THSTA-FARRAGUT_345_B47 | B47 | 345 | 537 | 731 | 1157 | 25177 | 81 |
| E179THST-HELLGATE_138_15055 | 15055 | 138 | 242 | 321 | 400 | 25288 | 189 |
| E179THST-HELLGT_E_138_15053 | 15053 | 138 | 187 | 244 | 374 | 25289 | 178 |
| E179THST-HELLGT_E_138_15054 | 15054 | 138 | 187 | 244 | 374 | 25290 | 178 |
| E179THST-PARKCHTR_138_38X01 | 38X01 | 138 | 191 | 305 | 512 | 25327 | 47 |
| E179THST-PARKCHTR_138_38X02 | 38X02 | 138 | 191 | 305 | 512 | 25328 | 47 |
| E179THST-PARKCHTR_138_38X03 | 38X03 | 138 | 191 | 305 | 512 | 25329 | 33 |
| E179THST-PARKCHTR_138_38X04 | 38X04 | 138 | 191 | 305 | 512 | 25330 | 33 |
| EASTOVER_230_115_BK1 | TR_1 | 230 | 466 | 579 | 666 | 326097 | 58 |
| EASTOVER_230_115_BK2 | TR_1 | 230 | 466 | 579 | 666 | 326403 | 62 |
| EASTRIVR_138_69_BK_111 | BK_111 | 138 | 91 | 121 | 142 | 25526 | 10 |
| EASTRIVR_138_69_BK_112 | BK_112 | 138 | 91 | 121 | 142 | 25527 | 0 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-------------------------------|---------|-----|------|------|------|--------|---------|
| EASTRIVR_138_69_BK 113 | BK 113 | 138 | 91 | 121 | 142 | 25528 | 10 |
| EASTRIVR_138_69_BK 114 | BK 114 | 138 | 91 | 121 | 142 | 25529 | 10 |
| EASTVIEW_345_138_BK 1N | BK 1N | 138 | 438 | 493 | 493 | 25472 | 110 |
| EASTVIEW_345_138_BK 1S | BK 1S | 138 | 438 | 493 | 493 | 25373 | 108 |
| EASTVIEW_345_138_BK 2N | BK 2N | 138 | 438 | 493 | 493 | 25471 | 91 |
| EASTVIEW_345_138_BK 2S | BK 2S | 138 | 438 | 493 | 493 | 25470 | 109 |
| EASTVIEW-SPRNBK_345_W64 | W64 | 345 | 2430 | 2823 | 3357 | 25143 | 566 |
| EASTVIEW-SPRNBK_345_W65 | W65 | 345 | 1976 | 2387 | 2897 | 25144 | 713 |
| EASTVIEW-SPRNBK_345_W78 | W78 | 345 | 2430 | 2823 | 3357 | 25346 | 671 |
| EASTVIEW-SPRNBK_345_W79 | W79 | 345 | 1976 | 2387 | 2897 | 25153 | 672 |
| EBATAVIA-NO.LEROY_115_119 | 119 | 115 | 169 | 185 | 196 | 26012 | 35 |
| ECWABALP-FRNKYONG_115_181-922 | 181-922 | 115 | 211 | 217 | 255 | 326871 | 84 |
| ECWABALP-FRNKYONG_115_182 | 182 | 115 | 211 | 217 | 255 | 326872 | 78 |
| EDIC_345_115_BK4 | BK 4E | 345 | 603 | 721 | 796 | 25454 | 178 |
| EDIC_345_230_BK2 | BK 2E | 230 | 551 | 626 | 758 | 25422 | 223 |
| EDIC_-FRASER_345_EF24-40 | EF24-40 | 345 | 1793 | 1793 | 1793 | 25112 | 504 |
| EDIC_-N.SCTLND_345_14 | 14 | 345 | 1624 | 1783 | 1912 | 25170 | 382 |
| EDIC_PTR_230_115_BK 1P | BK 1P | 230 | 320 | 365 | 398 | 25389 | 62 |
| EDIC_PTR_230_115_BK 2P | BK 2P | 230 | 320 | 365 | 398 | 25423 | 62 |
| EDIC_PTR_345_115_BK 3E | BK 3E | 345 | 524 | 602 | 760 | 25424 | 178 |
| EDWARDAV-RIVRHEAD_138_893 | 893 | 138 | 276 | 347 | 378 | 325654 | 64 |
| EELPOTRD-MEYER_115_724 | 724 | 115 | 143 | 157 | 167 | 325288 | 12 |
| EFISHKIL_345_115_BK 1 | BK 1 | 345 | 505 | 531 | 531 | 25724 | 138 |
| EFISHKCH_345_115_BK 2 | BK 2 | 345 | 560 | 560 | 560 | 325845 | 0 |
| EFISHKIL-WOOD_ST_345_F38 | F38 | 345 | 2409 | 2679 | 3406 | 25367 | 895 |
| EFISHKIL-WOOD_ST_345_F39 | F39 | 345 | 2409 | 2679 | 3406 | 25368 | 970 |
| EGRDNCTY_138_69_BK 1 | BK 1 | 138 | 258 | 304 | 338 | 26652 | 111 |
| EGRDNCTY_345_138_AT1 | BK 1 | 345 | 428 | 556 | 641 | 25551 | 344 |
| EGRDNCTY_345_138_AT2 | BK 2 | 345 | 428 | 556 | 641 | 25552 | 344 |
| EGRDNCTY_345C_345A_PAR1 | A_PAR1 | 345 | 428 | 812 | 855 | 25678 | 344 |
| EGRDNCTY_345C_345B_PAR2 | B_PAR2 | 345 | 428 | 812 | 855 | 25679 | 344 |
| EGRDNCTY-CARLPLCE_138_361 | 361 | 138 | 310 | 340 | 371 | 25533 | 3 |
| EGRDNCTY-EGRDNCTR_345_Y49_ST | Y49_ST | 345 | 693 | 940 | 1360 | 325158 | 689 |
| EGRDNCTY-NEWBRDGE_138_462 | 462 | 138 | 188 | 276 | 457 | 25303 | 106 |
| EGRDNCTY-NEWBRDGE_138_463 | 463 | 138 | 205 | 294 | 416 | 25304 | 106 |
| EGRDNCTY-NEWBRDGE_138_465 | 465 | 138 | 213 | 301 | 421 | 25535 | 115 |
| EGRDNCTY-ROSLYN_138_362 | 362 | 138 | 305 | 334 | 364 | 25534 | 20 |
| EJWEST_-SCOFDRD_115_9 | 9 | 115 | 245 | 260 | 282 | 326147 | 38 |
| EKINGSTN-RHINEBCK_115_ER | ER | 115 | 219 | 232 | 255 | 26222 | 36 |
| ELBRIDGE_345_115_BK 1 | BK 1 | 345 | 542 | 621 | 796 | 25448 | 300 |
| ELBRIDGE-GRS_LOCK_115_19 | 19-EG | 115 | 141 | 144 | 165 | 26097 | 5 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-----------------------------|---------|-----|-----|------|------|--------|---------|
| ELBRIDGE-GRS_LOCK_115_3 | 3 | 115 | 176 | 176 | 176 | 26098 | 9 |
| ELBRIDGE-HYATT__115_10-979 | 15-EH | 115 | 156 | 171 | 182 | 25109 | 43 |
| ELBRIDGE-LAFAYTTE_345_17-LE | 17-LE | 345 | 940 | 1562 | 1912 | 25149 | 416 |
| ELBRIDGE-LAKELAND_115_4 | 4 | 115 | 190 | 208 | 221 | 325316 | 18 |
| ELBRIDGE-MILTON_C_115_18 | 18-EM | 115 | 156 | 159 | 159 | 26095 | 15 |
| ELBRIDGE-STATE_ST_115_5-972 | 5-972 | 115 | 299 | 343 | 358 | 25107 | 91 |
| ELBRIDGE-STATE_ST_115_6-710 | 6-710 | 115 | 297 | 306 | 337 | 326377 | 66 |
| ELM_ST_-SENECA__230_71 | 71 | 230 | 223 | 254 | 262 | 26426 | 11 |
| ELM_ST_-SENECA__230_72 | 72 | 230 | 223 | 254 | 262 | 26427 | 11 |
| ELWOOD__138_69_BK 3 | BK3 | 138 | 129 | 156 | 203 | 26540 | 21 |
| ENDICOTT-RANGEHL_115_920 | 920 | 115 | 149 | 149 | 149 | 26158 | 15 |
| ENDICOTT-ROBBLEAV_115_948 | 948 | 115 | 254 | 254 | 254 | 26159 | 52 |
| ENORWICH-CYLINE_115_918 | 918 | 115 | 120 | 120 | 120 | 325280 | 37 |
| ENORWICH-JENNISON_115_946 | 946 | 115 | 117 | 136 | 153 | 25729 | 0 |
| EPULASKI-LIGHTHSE_115_2 | 2 | 115 | 139 | 144 | 159 | 327228 | 27 |
| ERIE E_-S.RIPLEY_230_69 | 69 | 230 | 368 | 368 | 368 | 25016 | 3 |
| ERIE_ST_-PAVMNTRD_115_926 | 926 | 115 | 252 | 277 | 308 | 26175 | 21 |
| ETNA_-CLRKSCRN_115_715 | 715 | 115 | 304 | 313 | 345 | 325728 | 79 |
| ETNA_-CLRKSCRN_115_947 | 947 | 115 | 292 | 313 | 345 | 325727 | 79 |
| ETNA_-WILLET__115_945 | 945-2 | 115 | 155 | 171 | 181 | 25731 | 65 |
| EUCLID_-HOPKINS_115_11 | 11 | 115 | 268 | 293 | 317 | 326784 | 96 |
| EUCLID_-WOODARD_115_17 | 17 | 115 | 268 | 293 | 317 | 326785 | 65 |
| EVERETRD-MENANDS_115_10 | 10 | 115 | 222 | 234 | 239 | 326642 | 93 |
| EVERETRD-MENANDS_115_15 | 15 | 115 | 222 | 234 | 239 | 326643 | 35 |
| FAGEDARY-CENTERST_115_9 | 9 | 115 | 156 | 170 | 181 | 327077 | 22 |
| FAIRFIEL-INGHAM_C_115_3 | 3 | 115 | 141 | 144 | 159 | 26106 | 63 |
| FAIRPORT-ELBRIDGE_115_2 | 2 | 115 | 176 | 181 | 209 | 26099 | 21 |
| FAIRPORT-HOOK_TAP_115_1 | 1 | 115 | 176 | 181 | 183 | 26327 | 13 |
| FALCONER-SOUTHADOW_115_153 | 153 | 115 | 156 | 171 | 182 | 26033 | 4 |
| FALCONER-SOUTHADOW_115_154 | 154 | 115 | 156 | 171 | 182 | 26032 | 11 |
| FARMGTN_115_12_BK 3 | BK 3 | 115 | 26 | 32 | 44 | 325380 | 9 |
| FARMGTN_115_34_BK 1 | BK 1 | 115 | 72 | 82 | 112 | 70259 | 32 |
| FARMGTN_115_34_BK 2 | BK 2 | 115 | 64 | 74 | 100 | 70258 | 9 |
| FARMGTN_-BORDRCTY_115_4-977 | 977 | 115 | 187 | 206 | 219 | 25057 | 75 |
| FARMGTN_-HAMLTNNM_115_7-983 | 7-983 | 115 | 148 | 148 | 148 | 26101 | 32 |
| FARRAGUT_345A_138A_BK 1Y | BK 1Y | 138 | 198 | 246 | 266 | 325083 | 138 |
| FARRAGUT_345A_138A_BK 2X | BK 2X | 138 | 121 | 145 | 155 | 325084 | 69 |
| FARRAGUT_345A_138A_BK 2Y | BK 2Y | 138 | 199 | 253 | 273 | 325085 | 0 |
| FARRAGUT_345A_138A_BK 3X | BK 3X | 138 | 121 | 145 | 156 | 325086 | 94 |
| FARRAGUT_345A_138A_BK 3Y | BK 3Y | 138 | 220 | 255 | 275 | 325087 | 140 |
| FARRAGUT_345A_138A_BK 4X | BK 4X | 138 | 121 | 145 | 155 | 325088 | 92 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|------------------------------|---------|-----|------|------|------|--------|---------|
| FARRAGUT_345A_138A_BK 4Y | BK 4Y | 138 | 224 | 241 | 260 | 325089 | 138 |
| FARRAGUT_345A_138A_BK 5X | BK 5X | 138 | 121 | 128 | 132 | 25635 | 86 |
| FARRAGUT_345A_138A_BK 5Y | BK 5Y | 138 | 211 | 230 | 235 | 325081 | 45 |
| FARRAGUT_345A_138A_BK 6X | BK 6X | 138 | 121 | 145 | 156 | 325090 | 69 |
| FARRAGUT_345A_138A_BK 6Y | BK 6Y | 138 | 199 | 254 | 275 | 325091 | 139 |
| FARRAGUT_345A_138C_BK 9X | BK 9X | 345 | 130 | 174 | 216 | 25636 | 116 |
| FARRAGUT_345A_138D_BK 10X | BK 10X | 345 | 130 | 174 | 216 | 25637 | 117 |
| FARRAGUT_345B_345A_TR11 | TR11 | 345 | 543 | 737 | 930 | 25044 | 0 |
| FARRAGUT_345C_345A_TR12 | TR12 | 345 | 549 | 748 | 930 | 25043 | 0 |
| FARRAGUT-FARRAGUT_138_38B01 | 38B01 | 138 | 174 | 250 | 275 | 326510 | 140 |
| FARRAGUT-FARRAGUT_138_38B02 | 38B02 | 138 | 174 | 242 | 260 | 326511 | 138 |
| FARRAGUT-FARRAGUT_138_38B03 | 38B03 | 138 | 178 | 247 | 266 | 326512 | 138 |
| FARRAGUT-FARRAGUT_138_38B04 | 38B04 | 138 | 174 | 250 | 275 | 326513 | 139 |
| FARRAGUT-FARRAGUT_138_38B05 | 38B05 | 138 | 174 | 251 | 274 | 326514 | 0 |
| FARRAGUT-FARRAGUT_138_38B11 | 38B11 | 138 | 211 | 230 | 235 | 326542 | 45 |
| FARRAGUT-GOWANUS_345_41 | 41 | 345 | 724 | 899 | 1356 | 25141 | 239 |
| FARRAGUT-GOWANUS_345_42 | 42 | 345 | 724 | 899 | 1356 | 25140 | 239 |
| FARRAGUT-HUDS_AVE_138_32077 | 32077 | 138 | 121 | 146 | 156 | 25291 | 117 |
| FARRAGUT-HUDS_AVE_138_32711 | 32711 | 138 | 129 | 154 | 167 | 25293 | 116 |
| FARRAGUT-PLYMTHST_138_32072 | 32072 | 138 | 121 | 145 | 155 | 326588 | 69 |
| FARRAGUT-PLYMTHST_138_32076 | 32076 | 138 | 173 | 191 | 197 | 326589 | 69 |
| FARRAGUT-PLYMTHST_138_32078 | 32078 | 138 | 129 | 154 | 168 | 25292 | 113 |
| FARRAGUT-WATERSTR_138_32073 | 32073 | 138 | 121 | 145 | 156 | 326582 | 94 |
| FARRAGUT-WATERSTR_138_32074 | 32074 | 138 | 121 | 145 | 155 | 326583 | 92 |
| FARRAGUT-WATERSTR_138_32075 | 32075 | 138 | 121 | 128 | 132 | 326584 | 96 |
| FENERWND-WHITMAN_115_8 | 8 | 115 | 224 | 239 | 239 | 326865 | 11 |
| FERNDAL- WWDBURNY_115_959 | 959 | 115 | 90 | 90 | 90 | 26180 | 18 |
| FEURABSH-GREENBSH_115_17 | 17 | 115 | 222 | 234 | 278 | 25862 | 27 |
| FEURABSH-NCATSKLL_115_2 | 2-FN | 115 | 141 | 144 | 165 | 25067 | 86 |
| FISHKPLN-EFISHKIL_115_HF | HF | 115 | 286 | 301 | 372 | 26227 | 63 |
| FISHKPLN-SYLVANLK_115_FP/990 | FP/990 | 115 | 238 | 239 | 239 | 25066 | 94 |
| FITZPTRK-EDIC_345_FE-1 | FE-1 | 345 | 1434 | 1434 | 1661 | 25077 | 592 |
| FIVE_MIL-VALLEY44_115_152 | 152 | 115 | 156 | 171 | 182 | 326174 | 11 |
| FIVE_MIL-VALLEY44_115_167 | 167 | 115 | 156 | 171 | 182 | 326173 | 1 |
| FIVEMILE_345_115_BK1 | TR1 | 345 | 597 | 597 | 597 | 326175 | 66 |
| FIVEMILE-STOLLERD_345_29 | 29 | 345 | 754 | 840 | 840 | 326176 | 9 |
| FLATROCK-BROWNFLS_115_2 | 2-FBF | 115 | 130 | 144 | 159 | 26079 | 36 |
| FLATSTR_EELPOTRD_115_722 | 722 | 115 | 143 | 157 | 167 | 325287 | 4 |
| FORGEBRK-MERTPARK_115_WF | WF | 115 | 225 | 251 | 282 | 26229 | 5 |
| FORTDRUM-N.CARTHG_115_2 | 2-DT | 115 | 130 | 144 | 159 | 26090 | 13 |
| FOXHILLS-WILLWBRK_138_29211 | 29211-1 | 138 | 207 | 275 | 450 | 25771 | 89 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|------------------------------|---------|-----|------|------|------|--------|---------|
| FOXHILLS-WILLWBRK_138_29212 | 29212-1 | 138 | 207 | 275 | 450 | 25772 | 72 |
| FRASANNX-COOPERS_345_UCC2-41 | UCC2-41 | 345 | 1793 | 1793 | 1793 | 326221 | 447 |
| FRASER_345_115_BK 2 | BK 2 | 345 | 356 | 420 | 420 | 25391 | 155 |
| FRASER_-COOPERS_345_33 | 33 | 345 | 1793 | 1793 | 1793 | 25236 | 417 |
| FRASER_-GILBOA_345_GF5-35 | GF5-35 | 345 | 1746 | 1793 | 1793 | 25060 | 135 |
| FRASERNY-DELHI_TP_115_951 | 951-3 | 115 | 239 | 239 | 239 | 26202 | 154 |
| FREEMPORT-NEWBRDGE_138_461 | 461 | 138 | 218 | 284 | 406 | 25155 | 194 |
| FRESHKLS_138_33_T22E | T22E | 138 | 131 | 186 | 186 | 327069 | 36 |
| FRESHKLS_138C_138A_R1_21191 | 21191 | 138 | 371 | 429 | 483 | 25639 | 114 |
| FRESHKLS_138C_138B_R2_21192 | 21192 | 138 | 348 | 426 | 483 | 25640 | 114 |
| FRESHKLS_345_138_TA 1 | TA 1 | 138 | 371 | 429 | 483 | 25457 | 114 |
| FRESHKLS_345_138_TB 1 | TB 1 | 138 | 379 | 437 | 499 | 25458 | 114 |
| FRNKYONG-CALSPAN_115_181-922 | 181-922 | 115 | 179 | 197 | 211 | 326277 | 71 |
| FRNKYONG-WALDENNG_115_182 | 182 | 115 | 211 | 217 | 242 | 326279 | 65 |
| FRONT_ST-ROSA_RD_115_11 | 11 | 115 | 239 | 239 | 239 | 26274 | 56 |
| FTZPK_NM-LIGHTHSE_115_3 | 3-FLH | 115 | 119 | 119 | 159 | 25502 | 36 |
| FULLRHWL-MORGANRD_115_937 | 937 | 115 | 239 | 239 | 239 | 325223 | 4 |
| GARDNVLA-GIRDLERD_115_705 | 705 | 115 | 239 | 239 | 239 | 25116 | 35 |
| GARDNVLA-LANGNERD_115_903 | 903 | 115 | 239 | 239 | 239 | 325284 | 55 |
| GARDNVLA-STOLLERD_230_66 | 66 | 230 | 613 | 673 | 765 | 25180 | 120 |
| GARDNVLB_230_115_TR 2 | BK 2 | 230 | 422 | 518 | 666 | 25385 | 68 |
| GARDNVLB_230_115_TR 3 | BK 3 | 230 | 382 | 462 | 462 | 25416 | 45 |
| GARDNVLB_230_115_TR 4 | BK 4 | 230 | 382 | 462 | 462 | 25417 | 67 |
| GARDNVLB-BETHWEST_115_149 | 149 | 115 | 245 | 257 | 294 | 325317 | 10 |
| GARDNVLB-BETHWEST_115_150 | 150 | 115 | 245 | 257 | 294 | 325318 | 0 |
| GARDNVLB-CLVRBANK_115_141 | 141 | 115 | 107 | 117 | 123 | 26038 | 27 |
| GARDNVLB-CLVRBANK_115_142 | 142 | 115 | 107 | 117 | 123 | 26037 | 27 |
| GARDNVLB-COBBLENM_115_151 | 151 | 115 | 227 | 232 | 232 | 26040 | 24 |
| GARDNVLB-COBBLENM_115_152 | 152-1 | 115 | 227 | 249 | 268 | 26023 | 29 |
| GARDNVLB-DUNKIRK_230_73 | 73 | 230 | 637 | 637 | 637 | 25166 | 0 |
| GARDNVLB-DUNKIRK_230_74 | 74 | 230 | 633 | 633 | 633 | 25197 | 40 |
| GARDNVLB-GARDNVLA_115_T1012 | T1012 | 115 | 376 | 403 | 420 | 25085 | 18 |
| GARDNVLB-GARDNVLA_230_T8-12 | T8-12 | 230 | 773 | 773 | 773 | 25089 | 28 |
| GARDNVLB-WALDENNG_115_54-921 | 54-921 | 115 | 227 | 249 | 268 | 26035 | 13 |
| GE_R_D_-GROOMS_115_20_15 | 20_15 | 115 | 245 | 257 | 294 | 26266 | 8 |
| GELCKHM_-WETZEL_115_14 | 14-CG | 115 | 268 | 293 | 317 | 326189 | 50 |
| GETZVL60-AYERREND_115_36 | 36 | 115 | 211 | 217 | 255 | 26049 | 29 |
| GETZVL60-AYERREND_115_37 | 37 | 115 | 211 | 217 | 255 | 26048 | 29 |
| GILBOA_-LEEDS_345_GL3 | GL3 | 345 | 1762 | 1896 | 2241 | 25219 | 296 |
| GILBOA_-N.SCTLND_345_GNS-1 | GNS-1 | 345 | 1746 | 1896 | 2103 | 25052 | 23 |
| GINNA_-PANNELRG_115_912 | 912 | 115 | 289 | 305 | 312 | 25260 | 80 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|--------------------------------|---------|-----|------|------|------|--------|---------|
| GINNA_-S124___115_913 | 913 | 115 | 272 | 280 | 306 | 26281 | 96 |
| GINNA_-STA_135_115_909 | 909 | 115 | 282 | 298 | 313 | 325837 | 87 |
| GINNA_-STA_135_115_937 | 937 | 115 | 282 | 298 | 313 | 325838 | 87 |
| GINNA_-STA_204_115_908 | 908-1 | 115 | 322 | 360 | 415 | 26282 | 119 |
| GINNA_-STA_204_115_911 | 911 | 115 | 320 | 358 | 414 | 26283 | 112 |
| GIRDLERD-STOLLERD_115_706 | 706 | 115 | 238 | 239 | 239 | 325161 | 14 |
| GLDNBRGD-CROTONFL_115_991 | 991 | 115 | 261 | 287 | 311 | 326416 | 5 |
| GLENWDGT-ROSLYN___138_364 | 364 | 138 | 359 | 380 | 421 | 25556 | 45 |
| GLENWOOD_138_69_BK 5 | BK 5 | 138 | 128 | 156 | 203 | 25735 | 78 |
| GLENWOOD_138_69_BK 6 | BK 6 | 138 | 128 | 156 | 208 | 70637 | 75 |
| GLENWOOD-CARLPLCE_138_363 | 363 | 138 | 308 | 368 | 405 | 25554 | 42 |
| GLENWOOD-GLENWDGT_138_366 | 366 | 138 | 354 | 375 | 415 | 25555 | 45 |
| GOETHALS_345A_345B_BK 1N | BK 1N | 345 | 591 | 787 | 978 | 25641 | 2 |
| GOETHALS-FRESHKLS_345_21 | 21 | 345 | 1016 | 1096 | 1362 | 25138 | 114 |
| GOETHALS-FRESHKLS_345_22 | 22 | 345 | 1285 | 1618 | 1817 | 25137 | 114 |
| GOETHALS-LINDN_CG_345_G23L | G23L | 345 | 672 | 893 | 1630 | 26000 | 512 |
| GOETHALS-LINDN_CG_345_G23M | G23M | 345 | 672 | 893 | 1630 | 325203 | 512 |
| GOETHSLN_345/230_BK 1 | BK 1 | 345 | 630 | 789 | 886 | 25642 | 2 |
| GOLAH_-MORTIMER_115_110 | 110 | 115 | 141 | 144 | 159 | 26034 | 57 |
| GOUDEY_-ROBBLEAV_115_940 | 940 | 115 | 292 | 320 | 351 | 325166 | 42 |
| GOUVNEUR-BATTHILL_115_8 | 8-GBH | 115 | 93 | 101 | 106 | 26066 | 23 |
| GOWANUS_138A_138B_PAR R14 | PAR R14 | 138 | 309 | 407 | 421 | 25794 | 185 |
| GOWANUS_138A_138B_PAR R2 | PAR R2 | 138 | 413 | 516 | 600 | 25793 | 184 |
| GOWANUS_345_138_BK T14 | BK T14 | 138 | 309 | 407 | 421 | 25475 | 185 |
| GOWANUS_345_138_BK T2 | BK T2 | 138 | 413 | 516 | 600 | 25476 | 185 |
| GOWANUS_345KV_REA_R41_REACTR | R41_REA | 345 | 687 | 896 | 1315 | 26001 | 239 |
| GOWANUS_345KV_REA_R42_REACTR | R42_REA | 345 | 687 | 896 | 1315 | 26003 | 239 |
| GOWANUS_-GOETHALS_345_25 | 25 | 345 | 561 | 748 | 1241 | 25139 | 397 |
| GOWANUS_-GOETHALS_345_26 | 26 | 345 | 561 | 748 | 1241 | 25571 | 0 |
| GOWANUS_-GREENWD_138_42231 | 42231 | 138 | 273 | 387 | 516 | 25214 | 184 |
| GOWANUS_-GREENWD_138_42232 | 42232 | 138 | 273 | 338 | 407 | 25215 | 185 |
| GOWANUSA-GREENWD_138_42G24 | 42G24 | 138 | 270 | 307 | 322 | 26007 | 0 |
| GOWANUSC-GREENWD_138_42G13 | 42G13 | 138 | 259 | 307 | 322 | 26006 | 0 |
| GR.GORGE-VINGR_TP_115_916 N.O. | 916 N.O | 115 | 149 | 172 | 215 | 26478 | 15 |
| GREENBSH-FT_ORAN_115_15 | 15 | 115 | 188 | 188 | 188 | 26130 | 88 |
| GREENBSH-REGENRON_115_4 | 4 | 115 | 282 | 288 | 330 | 325649 | 0 |
| GREENBSH-STEPHTWN_115_993 | 993 | 115 | 141 | 144 | 159 | 26447 | 0 |
| GREENDGE-FLATSTR_115_968 | 968 | 115 | 133 | 149 | 162 | 26185 | 20 |
| GREENDGE-MONTRFL_115_967 | 967 | 115 | 133 | 149 | 162 | 26184 | 41 |
| GREENDGE-MONTRFL_115_970 | 970 | 115 | 146 | 160 | 178 | 26183 | 49 |
| GREENLWN_138_69_BK5 | BK5 | 138 | 129 | 156 | 203 | 26655 | 22 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|------------------------------|---------|-----|-----|-----|-----|--------|---------|
| GREENLWN-ELWOOD__138_673 | 673 | 138 | 381 | 589 | 667 | 25546 | 0 |
| GREENLWN-SYOSSET__138_676 | 676 | 138 | 262 | 364 | 655 | 25548 | 59 |
| GREENWD_-FOXHILLS_138_29231 | 29231 | 138 | 195 | 249 | 378 | 25321 | 16 |
| GREENWD_-FOXHILLS_138_29232 | 29232 | 138 | 195 | 249 | 378 | 25322 | 36 |
| GRISLD64-NIAGB130_115_182 | 182 | 115 | 211 | 217 | 255 | 26014 | 88 |
| GRNEMPFM-TEALLAVE_115_2 | 2-OT | 115 | 141 | 144 | 165 | 327074 | 46 |
| GROOMS_-JOHNSON_115_13-14 | 13 | 115 | 268 | 293 | 317 | 26267 | 73 |
| GRS_LOCK-GELCKHM_115_8 | 8 | 115 | 190 | 208 | 221 | 26103 | 44 |
| GRS_LOCK-HARRISRD_115_16 | 16-GT | 115 | 141 | 144 | 165 | 26102 | 51 |
| GRS_LOCK-SORELHIL_115_9 | 9 | 115 | 176 | 181 | 197 | 326801 | 43 |
| GUARDIAN-HALEYRD_115_969 | 969 | 115 | 179 | 179 | 179 | 26167 | 74 |
| HAGUE_RD-TICONDRG_115_2 | 2 | 115 | 62 | 62 | 62 | 326738 | 29 |
| HAGUE_RD-TICONDRG_115_4 | 4 | 115 | 62 | 62 | 62 | 326739 | 9 |
| HALEYRD_-GREENDGE_115_969 | 969 | 115 | 179 | 179 | 179 | 325294 | 46 |
| HAMLTNNM-ELBRIDGE_115_7-983 | 7-983 | 115 | 189 | 195 | 197 | 26096 | 42 |
| HAMLTNNM-HAMLTNNY_115_BK1 | BK 1 | 115 | 34 | 42 | 56 | 25394 | 10 |
| HAMRHILL-INDK-OSW_115_6 | 6 | 115 | 139 | 144 | 161 | 26114 | 46 |
| HANAWAFL-COLTON__115_5 | 5 | 115 | 222 | 234 | 278 | 326185 | 15 |
| HANCOCK_-HAZEL__115_955 | 955-1 | 115 | 119 | 120 | 120 | 26187 | 0 |
| HARRISRD-TILDEN__115_16 | 16-GT | 115 | 141 | 144 | 165 | 326815 | 22 |
| HARSNRAD-ROBNSNRD_115_907 | 907 | 115 | 261 | 287 | 306 | 26162 | 16 |
| HAUPPAUG-C._ISLIP_138_889 | 889 | 138 | 248 | 383 | 422 | 25681 | 113 |
| HAZEL__-FERNDALE_115_955 | 955-2 | 115 | 119 | 120 | 120 | 26181 | 10 |
| HDSNBRDG-DEWITT__115_10 | 10 | 115 | 340 | 373 | 414 | 325260 | 66 |
| HDSNBRDG-DEWITT__115_7 | 7 | 115 | 340 | 373 | 414 | 325261 | 47 |
| HELLGATE_138_13_BRU_3 | BRU_3 | 138 | 96 | 128 | 159 | 25777 | 45 |
| HELLGATE-ASTORIAW_138_24052 | 24052 | 138 | 188 | 264 | 447 | 25211 | 2 |
| HELLGATE-HELLGATE_138_15055L | 15055L | 138 | 242 | 321 | 400 | 25573 | 189 |
| HELLGATE-HELLGATE_138_15055M | 15055M | 138 | 242 | 321 | 400 | 26729 | 189 |
| HELLGT_E-ASTORIAE_138_34051 | 34051 | 138 | 195 | 249 | 378 | 25323 | 177 |
| HELLGT_E-ASTORIAE_138_34052 | 34052 | 138 | 195 | 249 | 378 | 25324 | 177 |
| HELLGT_W-ASTORIAW_138_24051 | 24051 | 138 | 188 | 264 | 447 | 25210 | 9 |
| HELLGT_W-ASTORIAW_138_24053 | 24053 | 138 | 171 | 207 | 207 | 25212 | 88 |
| HELLGT_W-ASTORIAW_138_24054 | 24054 | 138 | 171 | 207 | 207 | 25213 | 88 |
| HELLGT_W-ASTORIAW_138_24056 | 24056 | 138 | 183 | 270 | 284 | 26461 | 9 |
| HICKLING-CATON__115_958 | 958 | 115 | 120 | 120 | 120 | 26189 | 7 |
| HICKLING-YAWGERRD_115_964 | 964 | 115 | 149 | 164 | 175 | 26188 | 14 |
| HILLBURN_138_69_BK 317 | BK 317 | 138 | 182 | 230 | 285 | 26330 | 41 |
| HILLBURN-RAMAPOOR_138_52 | 52 | 138 | 187 | 230 | 265 | 25882 | 41 |
| HILLSIDE-CHEMUNG_115_962 | 962 | 115 | 171 | 188 | 224 | 25726 | 57 |
| HILLSIDE-WATRCURE_230_69 | 69 | 230 | 657 | 657 | 657 | 25181 | 219 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|------------------------------|---------|-----|------|------|------|--------|---------|
| HINMAN_-HARSNRAD_115_908 | 908 | 115 | 297 | 306 | 306 | 26161 | 136 |
| HISHELDN-STONCREK_230_81 | 81 | 230 | 506 | 556 | 603 | 325622 | 75 |
| HOLBROOK_138_69_BK 1 | BK 1 | 138 | 258 | 304 | 338 | 69378 | 130 |
| HOLBROOK_138_69_BK 2 | BK 2 | 138 | 122 | 136 | 136 | 69376 | 58 |
| HOLBROOK-NSHORBCH_138_884 | 884 | 138 | 402 | 441 | 489 | 25341 | 1 |
| HOLBROOK-SILLSRD_138_872 | 872 | 138 | 563 | 599 | 681 | 25340 | 3 |
| HOLBROOK-WEST BUS_138_888 | 888 | 138 | 574 | 616 | 682 | 25542 | 145 |
| HOLTSVLE-UNIONAVE_138_818 | 818 | 138 | 181 | 236 | 310 | 25584 | 84 |
| HOLTSVLE-WEST BUS_138_876 | 876 | 138 | 529 | 591 | 670 | 325974 | 0 |
| HOLTSVLE-WEST BUS_138_877 | 877 | 138 | 559 | 599 | 664 | 325909 | 0 |
| HOMER C_-HOMR_NYW_345_48 | 48 | 345 | 1508 | 1713 | 1789 | 326213 | 136 |
| HOMER_HL-FIVE_MIL_115_169 | 169 | 115 | 270 | 297 | 324 | 26452 | 27 |
| HOMER_HL-FIVE_MIL_115_170 | 170 | 115 | 270 | 297 | 324 | 26022 | 27 |
| HOMER_HL-NILE___115_157 | 157-1 | 115 | 107 | 117 | 123 | 26041 | 27 |
| HOMR_NYW-PIERC_NY_345_48 | 48 | 345 | 1508 | 1713 | 1789 | 326214 | 136 |
| HOMRC_NY-MAINS_NY_345_47 | 47 | 345 | 1387 | 1631 | 1900 | 326121 | 154 |
| HOOK_TAP-FARMGTN_115_7-983 | 7-983 | 115 | 176 | 181 | 188 | 26100 | 23 |
| HOOK_TAP-HOOK_RD_115_BK3 | BK3 | 115 | 60 | 60 | 60 | 26503 | 36 |
| HOPATCON-RAMAPO_500_5018 | 5018 | 500 | 1156 | 1450 | 1915 | 25019 | 201 |
| HOPKINS_-TEALLAVE_115_11 | 11 | 115 | 239 | 239 | 239 | 26105 | 75 |
| HUDS_AVE-JAMAICA_138_701 | 701 | 138 | 172 | 234 | 371 | 25294 | 83 |
| HUDS_AVE-JAMAICA_138_702 | 702 | 138 | 172 | 234 | 371 | 25295 | 83 |
| HUDS_AVE-WATERSTR_138_32077T | 32077T | 138 | 217 | 262 | 337 | 326577 | 117 |
| HUDSON_-FT_ORAN_115_15 | 15 | 115 | 227 | 248 | 268 | 26514 | 75 |
| HUDSON_-PLSTVYCH_115_12 | 12-HP | 115 | 159 | 159 | 159 | 25499 | 47 |
| HUDSONP_-FARRAGUT_345_B3402 | B3402 | 345 | 464 | 643 | 877 | 25020 | 0 |
| HUDSONTP-W49TH_ST_345_Y56 | Y56 | 345 | 9999 | 9999 | 9999 | 325893 | 319 |
| HUNTLEY_-ELM_ST_230_70 | 70 | 230 | 432 | 477 | 491 | 25855 | 42 |
| HUNTLEY_-PEROXYCM_115_39 | 39 | 115 | 211 | 217 | 242 | 26044 | 45 |
| HUNTLEY_-SAWYER_230_79 | 79 | 230 | 691 | 760 | 848 | 25127 | 167 |
| HUNTLEY_-SAWYER_230_80 | 80 | 230 | 691 | 760 | 848 | 25128 | 210 |
| HUNTLEY_-SWETH24_115_37 | 37 | 115 | 190 | 190 | 190 | 26045 | 17 |
| HUNTLEY_-TWOMLCRK_115_38 | 38 | 115 | 176 | 181 | 199 | 26047 | 46 |
| HUNTLEY_-YOUNG214_115_36 | 36 | 115 | 199 | 199 | 199 | 26046 | 17 |
| HURLYAVE_115_69_TR 3 | TR 3 | 115 | 119 | 141 | 167 | 25837 | 34 |
| HURLYAVE_345/115_BK 1 | BK 1 | 345 | 486 | 560 | 560 | 25419 | 200 |
| HURLYAVE-LINCNPRK_115_HP | HP | 115 | 243 | 267 | 293 | 25833 | 70 |
| HURLYAVE-ROSETON_345_303 | 303 | 345 | 1713 | 1885 | 1912 | 25218 | 417 |
| HURLYAVE-STURGNPL_115_HS | HS | 115 | 211 | 224 | 241 | 25834 | 78 |
| HYATT__115_34_BK 1 | BK 1 | 115 | 61 | 76 | 100 | 70329 | 15 |
| HYATT__-BORDRCTY_115_10-979 | 979 | 115 | 143 | 143 | 143 | 25106 | 27 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-------------------------------|---------|-----|------|------|------|--------|---------|
| IMC_TAP_-MECO___115_15-IM | 15-IM | 115 | 152 | 166 | 175 | 26132 | 15 |
| INDCORTH-SPIERFLS_115_18 | 18 | 115 | 340 | 374 | 414 | 26149 | 133 |
| INDK-OSW-EPULASKI_115_2 | 2 | 115 | 139 | 144 | 159 | 25503 | 46 |
| INDN_PT3-BUCHAN_S_345_W96 | W96 | 345 | 1793 | 1793 | 2266 | 25570 | 0 |
| INDPDNCE_345_18_TB 5 | MT 5 | 345 | 215 | 235 | 255 | 68303 | 161 |
| INDPDNCE_345_18_TB 6 | MT 6 | 345 | 215 | 235 | 255 | 68304 | 161 |
| INDPDNCE-SCRIBA___345_25 | 25 | 345 | 1918 | 2115 | 2390 | 25859 | 75 |
| INGHAM_C_115_115_PAR 2 | PAR 2 | 115 | 197 | 234 | 239 | 25242 | 120 |
| INGHAM_C-INGHAM_E_115_R81 | R81 | 115 | 222 | 234 | 239 | 25243 | 0 |
| INGHAM_E-ESPRGFLD_115_7-942 | 7 | 115 | 114 | 124 | 124 | 25061 | 35 |
| INGHAM_E-FAGEDARY_115_9 | 9 | 115 | 128 | 135 | 152 | 25863 | 26 |
| INGHAM_E-IMC_TAP___115_15 | 15-II | 115 | 128 | 135 | 152 | 25871 | 28 |
| INGHAM_E-STJHNVLE_115_6 | 6-IS | 115 | 104 | 107 | 122 | 26133 | 29 |
| JAMAICA_-LAKSUCSS_138_903 | 903 | 138 | 271 | 350 | 428 | 25090 | 200 |
| JAMAICA_-VALLYSTR_138_901 L_M | 901 L_M | 138 | 307 | 368 | 441 | 25048 | 100 |
| JENNISON_115_46_BK 1A | BK 1A | 115 | 57 | 58 | 61 | 69462 | 17 |
| JENNISON-HANCOCK___115_954 | 954 | 115 | 119 | 120 | 120 | 26186 | 23 |
| JENNISON-KATTLVLE_115_943 | 943 | 115 | 146 | 160 | 178 | 25898 | 60 |
| JENNISON-SIDNEYRR_115_949 | 949 | 115 | 117 | 120 | 120 | 26173 | 24 |
| JOHNSON_-MAPLEWOD_115_12 | 12 | 115 | 239 | 239 | 239 | 26268 | 90 |
| KATONAH_-AMAWALK___115_995 | 995 | 115 | 261 | 287 | 311 | 325279 | 26 |
| KATONAH_-GLDNBRGD_115_991 | 991 | 115 | 261 | 287 | 311 | 26157 | 20 |
| KENTAVE_-GREENWD___138_31232 | 31231-2 | 138 | 195 | 249 | 310 | 25299 | 148 |
| KINGS___-WEST BUS_138_881 | 881 | 138 | 569 | 610 | 675 | 326911 | 64 |
| KINTIGH_-STA_255_345_SH1-39 | SH1-39 | 345 | 1591 | 1745 | 1904 | 327246 | 96 |
| KNAPPCRN_115_69_TR 2 | TR 2 | 115 | 48 | 59 | 60 | 25838 | 8 |
| KNAPPCRN-SANDDOCK_115_KB_KC | KB_KC | 115 | 238 | 262 | 291 | 26240 | 28 |
| KNAPPCRN-SPACKILL_115_SK | SK | 115 | 238 | 262 | 291 | 325777 | 47 |
| KNTFSRNC-SCOTAFLT_115_913 | 913 | 115 | 120 | 120 | 120 | 26207 | 9 |
| LABDELFE-FENERWND_115_3 | 3 | 115 | 152 | 166 | 175 | 326864 | 12 |
| LADENTWN-BOWLINE___345_68 | 68 | 345 | 777 | 837 | 837 | 25249 | 405 |
| LADENTWN-BUCHAN_S_345_Y88 | Y88 | 345 | 1823 | 2015 | 2557 | 25185 | 769 |
| LADENTWN-WHAVSTRW_345_67-2 | 67-2 | 345 | 1976 | 2387 | 2895 | 25248 | 138 |
| LAFAYTTE-CLRKSCRN_345_4-46 | Apr-46 | 345 | 1279 | 1410 | 1793 | 25049 | 723 |
| LAFAYTTE-DEWITT___345_22 | 22 | 345 | 1643 | 1643 | 1643 | 25174 | 316 |
| LAKELAND-BELMONT___115_4 | 4 | 115 | 190 | 208 | 221 | 326804 | 28 |
| LAKEVIEU-CLVRBANK_115_142 | 142 | 115 | 107 | 117 | 123 | 325881 | 22 |
| LAKSUCSS_138_69_BK 5 | BK 5 | 138 | 258 | 304 | 338 | 26603 | 103 |
| LAKSUCSS_138_69_BK 6 | BK 6 | 138 | 258 | 304 | 338 | 325098 | 94 |
| LAKSUCSS_138A_138B_PAR | B_PAR | 138 | 339 | 356 | 427 | 25593 | 201 |
| LANGDON_-NORTHSDE_115_936 | 936 | 115 | 206 | 227 | 239 | 26160 | 46 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|------------------------------|---------|-----|------|------|------|--------|---------|
| LAONA_-MOONROAD_115_172 | 172 | 115 | 107 | 117 | 123 | 326591 | 15 |
| LAONA_-MOONROAD_115_173 | 173 | 115 | 107 | 117 | 123 | 326592 | 15 |
| LASHERRD-SWAGRTWN_115_1 | 1 | 115 | 478 | 478 | 478 | 327086 | 99 |
| LASHERRD-TAPBLSTN_115_43 | 43 | 115 | 478 | 478 | 478 | 327083 | 8 |
| LAUREL L-GOUDEY__115_952 | 952 | 115 | 133 | 149 | 162 | 25012 | 91 |
| LAWRNCAV-HANAWAFL_115_5 | 5 | 115 | 268 | 293 | 317 | 26085 | 9 |
| LAWRNCAV-SUGARISL_115_4 | 4 | 115 | 268 | 293 | 317 | 326186 | 7 |
| LEEDS_-ATHENS__345_95 | 95 | 345 | 1624 | 1783 | 1946 | 25789 | 279 |
| LEEDS_-HURLYAVE_345_301 | 301 | 345 | 1713 | 1885 | 1912 | 25055 | 617 |
| LEEDS_-PLSNTVLY_345_92 | 92 | 345 | 1624 | 1783 | 1912 | 25056 | 835 |
| LIGHTHSE-EWATRRTWN_115_5 | 5 | 115 | 141 | 144 | 151 | 25504 | 33 |
| LIGHTHSE-MALLORY__115_7 | 7-CL | 115 | 141 | 144 | 165 | 25521 | 19 |
| LINCNPBK-EKINGSTN_115_LR | LR | 115 | 243 | 260 | 282 | 26223 | 44 |
| LINDEN_-GOETHALS_230_A2253 | A2253 | 230 | 688 | 785 | 908 | 25017 | 2 |
| LINDN_CG-LNDVFT__345_V-3022 | V-3022 | 345 | 325 | 415 | 436 | 325657 | 314 |
| LINE8TAP-WOLF_RD__115_8 | 8 | 115 | 141 | 144 | 165 | 326641 | 53 |
| LITTLRIV-COLTON__115_8 | 8 | 115 | 93 | 101 | 106 | 25514 | 6 |
| LITTLRIV-PYRITES__115_7 | 7 | 115 | 93 | 101 | 106 | 326402 | 4 |
| LNGRD209-GARDNVLB_115_180 | 180 | 115 | 194 | 199 | 233 | 326282 | 88 |
| LNGRD209-GRISLD64_115_182 | 182 | 115 | 243 | 249 | 297 | 326283 | 102 |
| LOCKPORT-HINMAN__115_100 | 100 | 115 | 268 | 293 | 317 | 25087 | 117 |
| LOCKPORT-N.AKRON__115_108 | 108 | 115 | 158 | 162 | 187 | 25266 | 26 |
| LOCKPORT-OAKFIELD_115_112 | 112 | 115 | 166 | 175 | 187 | 25300 | 26 |
| LOCKPORT-SHELBY76_115_113 | 113 | 115 | 174 | 191 | 199 | 25263 | 36 |
| LOCKPORT-TELGRAPH_115_107 | 107 | 115 | 268 | 293 | 317 | 25265 | 44 |
| LOCKPORT-TELGRAPH_115_111 | 111 | 115 | 199 | 199 | 199 | 25262 | 27 |
| LOCKPORT-TELGRAPH_115_114 | 114-1 | 115 | 174 | 191 | 199 | 25264 | 37 |
| LOCUSTGR-NEWBRDGE_138_558 | 558 | 138 | 353 | 584 | 664 | 25158 | 269 |
| LONG_MTN-CRICKVLY_345_398 | 398 | 345 | 1533 | 1935 | 2242 | 25033 | 9 |
| ONGLANE-LAFARGE__115_6 | 6 | 115 | 141 | 144 | 159 | 25864 | 0 |
| LOVETT__138_69_BK 147 | BK 147 | 138 | 106 | 118 | 123 | 26331 | 18 |
| LOVETT_-BOWLINOR_138_56 | 56 | 138 | 278 | 305 | 317 | 25877 | 33 |
| LOVETT_-STONYPNT_138_54 | 54 | 138 | 249 | 288 | 308 | 25885 | 11 |
| LOWVILLE-KRAFTFOD_115_5 | 5 | 115 | 128 | 135 | 152 | 26075 | 13 |
| LUDLUM_-BENETTRD_115_161 | 161-3 | 115 | 213 | 225 | 242 | 326230 | 23 |
| LUDLUM_-BENETTRD_115_162 | 162-2 | 115 | 213 | 225 | 242 | 326229 | 21 |
| LUTHERFT-MALTA__115_43 | 43 | 115 | 213 | 292 | 324 | 325889 | 20 |
| LUTHERFT-MALTA__115_44 | 44 | 115 | 213 | 292 | 318 | 325890 | 5 |
| LUTHERFT-MULBRYNM_115_3 | 3 | 115 | 311 | 341 | 375 | 26477 | 33 |
| LUTHERFT-MULBRYNM_115_308 | 308 | 115 | 311 | 318 | 318 | 325742 | 51 |
| LYON_MTN-KNTFSRNC_115_1(911) | 911 | 115 | 149 | 172 | 204 | 26205 | 5 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-------------------------------|---------|-----|------|------|------|--------|---------|
| LYSANDER-SORELHIL_115_13 | 13 | 115 | 234 | 256 | 277 | 326799 | 45 |
| MACHIAS_-VALLEY44_115_152 | 152 | 115 | 156 | 171 | 175 | 326172 | 5 |
| MACHIAS_-VALLEY44_115_167 | 151 | 115 | 145 | 160 | 178 | 326169 | 1 |
| MADISON_-ROME___115_3 | 3 | 115 | 141 | 144 | 159 | 327442 | 11 |
| MAINESBG-WATRCURE_345_30 | 30 | 345 | 1278 | 1410 | 1434 | 25018 | 75 |
| MALLORY_-WETZEL___115_7 | 7-CL | 115 | 224 | 224 | 224 | 326206 | 45 |
| MALONE_-NICHVLVE_115_3 | 3-NM | 115 | 168 | 199 | 199 | 25585 | 7 |
| MALONE_-WILLIS___115_1-910 | 1-MW | 115 | 168 | 173 | 173 | 25586 | 80 |
| MALTA___-TAPBLSTN_115_43 | 43 | 115 | 268 | 293 | 317 | 325891 | 0 |
| MALTA___-TAPBLSTN_115_44 | 44 | 115 | 268 | 293 | 317 | 325892 | 8 |
| MANCHSTR-SPACKILL_115_MC | MC | 115 | 243 | 267 | 293 | 325776 | 65 |
| MAPLE140-BUFALO54_115_38 | 38 | 115 | 211 | 217 | 255 | 326157 | 34 |
| MAPLE140-BUFALO54_115_39 | 39 | 115 | 211 | 217 | 255 | 326158 | 33 |
| MAPLEAVE-CHURCH_S_115_10 | 10 | 115 | 156 | 168 | 168 | 26120 | 7 |
| MAPLEWOD-WTRVLARS_115_19 | 19 | 115 | 168 | 212 | 239 | 25870 | 52 |
| MAPLEWOD-WTRVLARS_115_31 | 31 | 115 | 168 | 188 | 239 | 25844 | 73 |
| MARCY___765_345_AT2 | BK 2 | 765 | 1926 | 2378 | 2390 | 25456 | 314 |
| MARCY___765_345_BK 1 | BK 1 | 765 | 1756 | 1756 | 1756 | 25455 | 357 |
| MARCY___-EDIC___345_UE1-7 | UE1-7 | 345 | 2187 | 2390 | 2390 | 25229 | 327 |
| MARCY___-FRASANNX_345_UCC2-41 | UCC2-41 | 345 | 1793 | 1793 | 1793 | 25113 | 454 |
| MARCY___-N.SCTLND_345_18 | 18 | 345 | 1793 | 2034 | 2241 | 25276 | 421 |
| MARION___-FARRAGUT_345_C3403 | C3403 | 345 | 454 | 645 | 841 | 25038 | 0 |
| MARSHVLE-CLINTON_115_12 | 12 | 115 | 152 | 158 | 158 | 325267 | 4 |
| MASSENA_765_230_AT1 | BK 1 | 765 | 1288 | 1378 | 1872 | 25665 | 70 |
| MASSENA_765_230_AT2 | BK 2 | 765 | 1288 | 1378 | 1872 | 25666 | 70 |
| MASSENA_-MARCY___765_MSU1 | MSU1 | 765 | 5300 | 5300 | 5300 | 25224 | 671 |
| MCADOO_-DEKALB___115_4 | 4 | 115 | 93 | 101 | 106 | 26064 | 8 |
| MCADOO_-LITTLRIV_115_8 | 8 | 115 | 93 | 101 | 106 | 326404 | 6 |
| MCADOO_-MCINTYRE_115_8 | 8 | 115 | 156 | 159 | 159 | 326410 | 6 |
| MCINTYRE-CORNING_115_6 | 6 | 115 | 156 | 158 | 159 | 26108 | 0 |
| MCINTYRE-OGDNSBRG_115_2 | 2 | 115 | 55 | 55 | 55 | 326406 | 14 |
| MCKNOWNV-NEWKRMKL_115_8 | 8 | 115 | 337 | 373 | 414 | 26499 | 114 |
| MECO___-CENTERST_115_22 | 22 | 115 | 152 | 153 | 153 | 327075 | 7 |
| MENANDS_-REYNOLDS_115_2 | 2-MR | 115 | 255 | 282 | 316 | 26135 | 122 |
| MENANDS_-RIVERSDE_115_3 | 3-MR | 115 | 298 | 344 | 414 | 26134 | 116 |
| MENANDS_-WTRVLARS_115_19 | 19 | 115 | 156 | 170 | 181 | 326246 | 55 |
| MERTPARK-WICCOPEE_115_WP | WP | 115 | 244 | 260 | 282 | 325772 | 24 |
| MEYER___-CANANDGA_230_60 | 60 | 230 | 591 | 649 | 715 | 325604 | 94 |
| MEYER___-MORAINE_115_966 | 966 | 115 | 149 | 172 | 191 | 26166 | 56 |
| MIDDLEOR-SHOEMAKR_138_29 | 29 | 138 | 506 | 587 | 671 | 26468 | 219 |
| MIDDLERD-BABBITS_115_6 | 6 | 115 | 141 | 144 | 165 | 326735 | 24 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-------------------------------|---------|-----|------|------|------|--------|---------|
| MIDDLETP_345_138_BK 114 | BK114 | 345 | 506 | 587 | 671 | 26465 | 220 |
| MIDDLETP-ROCKTVRN_345_CCRT-34 | MTR-34 | 345 | 1918 | 2115 | 2390 | 26464 | 294 |
| MILAN__-PLSTVYCH_115_10 | 10 | 115 | 169 | 187 | 199 | 26433 | 13 |
| MILAN__-RHINEBCK_115_MR | MR | 115 | 219 | 232 | 239 | 26242 | 14 |
| MILLERPL-HOLBROOK_138_885 | 885 | 138 | 517 | 577 | 654 | 26691 | 7 |
| MILLIKEN-ETNA___115_974 | 974 | 115 | 231 | 260 | 286 | 26177 | 22 |
| MILLIKEN-ETNA___115_975 | 975 | 115 | 231 | 260 | 286 | 26178 | 24 |
| MILLWOOD_345_138_TA 1 | TA 1 | 138 | 248 | 333 | 359 | 25530 | 37 |
| MILLWOOD_345_138_TA 2 | TA 2 | 138 | 234 | 305 | 321 | 25531 | 37 |
| MILLWOOD-EASTVIEW_345_W82 | W82 | 345 | 2430 | 2823 | 3357 | 25147 | 823 |
| MILLWOOD-EASTVIEW_345_W85 | W85 | 345 | 2430 | 2823 | 3357 | 25258 | 780 |
| MILLWOOD-EASTVIEW_345_W99 | W99 | 345 | 2430 | 2823 | 3357 | 25255 | 780 |
| MILTON_C-GRS_LOCK_115_18 | 18-MG | 115 | 156 | 171 | 182 | 26104 | 4 |
| MILTR210-SUMMIT97_115_129 | 129 | 115 | 239 | 294 | 299 | 326288 | 115 |
| MILTR210-SUMMIT97_115_130 | 129 | 115 | 239 | 317 | 317 | 326291 | 106 |
| MNTNDALE-WWDBURNY_115_957 | 957 | 115 | 120 | 120 | 120 | 325616 | 21 |
| MODENA__115_69_BK1 | BK1 | 115 | 40 | 50 | 53 | 26325 | 0 |
| MODENA__-OHIOVLE_115_PX | PX | 115 | 285 | 310 | 349 | 25835 | 15 |
| MOHANSIC_115_13_BK 2 | BK 2 | 115 | 26 | 28 | 33 | 26482 | 9 |
| MOHANSIC_115_13_BK 4 | BK 4 | 115 | 26 | 28 | 33 | 26483 | 7 |
| MOHICAN_-BATNKILL_115_15 | 15 | 115 | 270 | 297 | 324 | 26122 | 17 |
| MOHICAN_-SCHAGCKT_115_309 | 309 | 115 | 227 | 248 | 268 | 26687 | 21 |
| MONSEY_-BURNS___138_601 | 601 | 138 | 456 | 478 | 500 | 325608 | 69 |
| MONTRFL_-CODNIGTN_115_982 | 982 | 115 | 133 | 149 | 162 | 25728 | 2 |
| MONTRFL_-RIDGE_RD_115_963 | 963-2 | 115 | 133 | 145 | 149 | 26196 | 30 |
| MONTRFL_-RIDGE_RD_115_978 | 978-2 | 115 | 133 | 149 | 162 | 26197 | 29 |
| MOONROAD-FALCONER_115_175 | 175 | 115 | 107 | 117 | 123 | 26030 | 22 |
| MOONROAD-FALCONER_115_176 | 176 | 115 | 107 | 117 | 123 | 26031 | 22 |
| MORGANRD-LANGDON_115_936 | 936 | 115 | 238 | 239 | 239 | 325224 | 18 |
| MORTIMER-FAIRPORT_115_1 | 1 | 115 | 168 | 181 | 188 | 25163 | 56 |
| MORTIMER-FAIRPORT_115_2 | 2 | 115 | 166 | 175 | 187 | 25240 | 36 |
| MORTIMER-SHELBY76_115_114 | 114 | 115 | 129 | 149 | 153 | 326129 | 6 |
| MORTIMER-STA_56___115_24 | 24-1 | 115 | 156 | 171 | 182 | 25096 | 46 |
| MORTIMER-STA_89___115_25 | 25 | 115 | 139 | 146 | 162 | 25095 | 54 |
| MOSES___230_115_AT1 | BK 1 | 230 | 526 | 589 | 719 | 25411 | 45 |
| MOSES___230_115_AT2 | BK 2 | 230 | 526 | 589 | 719 | 25451 | 0 |
| MOSES___230_115_AT3 | BK 3 | 230 | 220 | 276 | 288 | 25452 | 17 |
| MOSES___230_115_AT4 | BK 4 | 230 | 551 | 598 | 719 | 25453 | 45 |
| MOSES__-ADIRNDCK_230_MA1 | MA1 | 230 | 447 | 473 | 517 | 25269 | 0 |
| MOSES__-ADIRNDCK_230_MA2 | MA2 | 230 | 447 | 473 | 517 | 25270 | 85 |
| MOSES__-ALCOA_PA_115_MAL6 | MAL6 | 115 | 257 | 281 | 327 | 25581 | 107 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|---------------------------|---------|-----|------|------|------|--------|---------|
| MOSES__-GRASRIVR_115_MAL4 | MAL4 | 115 | 291 | 319 | 350 | 25582 | 111 |
| MOSES__-GRASRIVR_115_MAL5 | MAL5 | 115 | 291 | 319 | 350 | 25583 | 111 |
| MOSES__-MASSENA_230_MMS1 | MMS1 | 230 | 1279 | 1378 | 1593 | 25274 | 70 |
| MOSES__-MASSENA_230_MMS2 | MMS2 | 230 | 1279 | 1378 | 1593 | 25275 | 70 |
| MOSES__-MED-ENGS_115_MRG1 | MRG1 | 115 | 223 | 237 | 259 | 26328 | 96 |
| MOSES__-MED-ENGS_115_MRG2 | MRG2 | 115 | 223 | 237 | 259 | 26335 | 76 |
| MOSES__-REYNLDPA_115_MR3 | MR3 | 115 | 223 | 224 | 224 | 26332 | 0 |
| MOSES__-WILLIS__230_MW1 | MW1 | 230 | 447 | 473 | 517 | 25188 | 6 |
| MOSES__-WILLIS__230_MW2 | MW2 | 230 | 447 | 473 | 517 | 25271 | 6 |
| MOTTHAVN_345_138_TR6 | TR6 | 345 | 549 | 651 | 724 | 325428 | 60 |
| MOTTHAVN_345_138_TR7 | TR7 | 345 | 549 | 651 | 724 | 325426 | 59 |
| MOTTHAVN_345_138_TR8 | TR8 | 345 | 549 | 651 | 724 | 325427 | 59 |
| MOTTHAVN_345_138_TR9 | TR9 | 345 | 549 | 651 | 724 | 325429 | 60 |
| MOTTHAVN-RAINEY__345_Q11 | Q11 | 345 | 741 | 858 | 1309 | 325430 | 275 |
| MOTTHAVN-RAINEY__345_Q12 | Q12 | 345 | 741 | 858 | 1309 | 325431 | 257 |
| MOUNTAIN-SWANROAD_115_103 | 103 | 115 | 224 | 250 | 282 | 26054 | 65 |
| MOUNTAIN-SWANROAD_115_104 | 104 | 115 | 224 | 250 | 282 | 26053 | 0 |
| MULBRYNM-EASTOVER_115_308 | 308 | 115 | 227 | 248 | 268 | 26475 | 57 |
| MUMFRD50-GOLAH__115_119 | 119 | 115 | 168 | 185 | 196 | 326560 | 3 |
| N_SALEM-BATNKILL_115_989 | 989 | 115 | 45 | 52 | 57 | 26448 | 2 |
| N.AKRON_-BATAVIA_115_107 | 107 | 115 | 159 | 159 | 159 | 25124 | 9 |
| N.AKRON_-BATAVIA_115_108 | 108 | 115 | 152 | 159 | 159 | 25125 | 12 |
| N.CARTHG-TAYLORVL_115_8 | 8 | 115 | 130 | 144 | 159 | 26431 | 19 |
| N.END__115_46_BK 1 | BK 1 | 115 | 70 | 71 | 75 | 25849 | 43 |
| N.END__-ASHLEYRD_115_702 | 702 | 115 | 351 | 386 | 434 | 25846 | 45 |
| N.END__-PLATSBRG_115_701 | 701 | 115 | 239 | 239 | 239 | 25848 | 91 |
| N.HEMPST-WHAVSTOR_138_530 | 530 | 138 | 282 | 309 | 321 | 26506 | 54 |
| N.SCTLND_345_115_BK 1 | BK 1 | 345 | 529 | 642 | 796 | 25445 | 77 |
| N.SCTLND_345_115_BK 2 | BK 2 | 345 | 629 | 796 | 796 | 25460 | 74 |
| N.SCTLND-ALBANY__115_8 | 8-NA | 115 | 340 | 373 | 414 | 25496 | 50 |
| N.SCTLND-ALPS__345_2 | 2 | 345 | 1278 | 1410 | 1792 | 25217 | 278 |
| N.SCTLND-ALTAMONT_115_20 | 20-NV | 115 | 141 | 144 | 165 | 25492 | 55 |
| N.SCTLND-BETHLHEM_115_4 | 4-NB | 115 | 311 | 313 | 313 | 25497 | 37 |
| N.SCTLND-FEURABSH_115_3 | 3-NF | 115 | 311 | 341 | 375 | 25495 | 77 |
| N.SCTLND-LEEDS__345_93 | 93 | 345 | 1534 | 1692 | 1912 | 25171 | 450 |
| N.SCTLND-LEEDS__345_94 | 94 | 345 | 1534 | 1692 | 1912 | 25203 | 446 |
| N.SCTLND-OWENSCRN_115_7 | 7 | 115 | 141 | 144 | 165 | 25491 | 42 |
| N.SCTLND-OWENSCRN_115_9 | 9 | 115 | 141 | 144 | 165 | 25490 | 17 |
| N.SCTLND-ROTTRDAM_115_13 | 13-NR | 115 | 255 | 282 | 358 | 25494 | 0 |
| N.SCTLND-VORHVSLE_115_19 | 19-NV | 115 | 141 | 144 | 165 | 25493 | 47 |
| N.TROY_-EASTOVER_115_306 | 308 | 115 | 227 | 248 | 268 | 326095 | 11 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-------------------------------|---------|-----|-----|------|------|--------|---------|
| N.TROY_-EASTOVER_115_307 | 10 | 115 | 222 | 234 | 268 | 326096 | 10 |
| N.TROY_-HOOSICK_115_5 | 5-NHF | 115 | 232 | 232 | 232 | 26131 | 13 |
| N.TROY_-SYCAWAY_115_14-988 | 14-NW | 115 | 224 | 248 | 268 | 26137 | 47 |
| N.TROY_-SYCAWAY_115_16 | 16-NR | 115 | 227 | 248 | 268 | 26139 | 62 |
| NANGOLA_-DELEMTER_115_141 | 141 | 115 | 107 | 117 | 123 | 325872 | 13 |
| NANGOLA_-DELEMTER_115_142 | 142 | 115 | 107 | 117 | 123 | 325879 | 9 |
| NANGOLA_-SILVRCRK_115_141 | 141 | 115 | 107 | 117 | 123 | 325871 | 3 |
| NANGOLA_-SILVRCRK_115_142 | 142 | 115 | 107 | 117 | 123 | 325878 | 0 |
| NANOTECH-MCKNOWNV_115_2 | 2 | 115 | 337 | 373 | 414 | 326637 | 93 |
| NBRDWYNG-ERIE_ST_115_181-922 | 181-922 | 115 | 146 | 160 | 178 | 26011 | 44 |
| NCATSKLL_115_69_TR 4 | TR 4 | 115 | 83 | 88 | 97 | 25839 | 19 |
| NCATSKLL_115_69_TR 5 | TR 5 | 115 | 145 | 163 | 187 | 25818 | 19 |
| NCATSKLL-MILAN__115_T7 | T7 | 115 | 169 | 199 | 199 | 26243 | 3 |
| NCHELSEA_115_69_BK TR1 | BK TR1 | 115 | 49 | 52 | 58 | 25836 | 6 |
| NCHELSEA-FISHKPLN_115_NF | NF | 115 | 255 | 290 | 315 | 26228 | 7 |
| NCHELSEA-FORGEBRK_115_FO | FO | 115 | 225 | 251 | 282 | 26230 | 21 |
| NEPTUNE_-DUFFYAVE_345_NEPTUNE | NEPTUNE | 345 | 660 | 785 | 785 | 325304 | 375 |
| NEWBRDGE_138_69_BK 6 | BK 6 | 138 | 130 | 159 | 212 | 26604 | 64 |
| NEWBRDGE_138_69_BK 7 | BK 7 | 138 | 130 | 159 | 212 | 26605 | 68 |
| NEWBRDGE_345_138_BK_1 | BK 1 | 345 | 440 | 469 | 562 | 325301 | 376 |
| NEWBRDGE_345_138_BK_2 | BK 2 | 345 | 450 | 469 | 562 | 325302 | 0 |
| NEWBRDGE-BAGATLRD_138_563 | 563 | 138 | 402 | 579 | 658 | 25536 | 27 |
| NEWBRDGE-DUFFYAVE_345_501 | 501 | 345 | 660 | 750 | 750 | 325303 | 376 |
| NEWBRDGE-EGRDNCTY_138_467 | 467 | 138 | 268 | 399 | 669 | 325378 | 90 |
| NEWBRDGE-RULAND__138_561 | 561 | 138 | 297 | 326 | 349 | 25305 | 57 |
| NEWBRDGE-RULAND__138_562 | 562 | 138 | 295 | 323 | 346 | 25306 | 57 |
| NEWBRDGE-RULAND__138_567 | 567 | 138 | 256 | 398 | 641 | 325379 | 57 |
| NEWKRMKL-ALBANY__115_7 | 7 | 115 | 340 | 371 | 413 | 325257 | 129 |
| NIAGARA_230_115_AT1 | BK T1 | 230 | 240 | 345 | 479 | 25409 | 36 |
| NIAGARA_230_115_AT2 | BK T2 | 230 | 275 | 349 | 414 | 25410 | 5 |
| NIAGARA_345_230_AT3 | BK 3 | 345 | 433 | 542 | 564 | 25408 | 58 |
| NIAGARA_345_230_AT4 | BK 4 | 345 | 864 | 1006 | 1127 | 25449 | 106 |
| NIAGARA_345_230_AT5 | BK 5 | 345 | 433 | 542 | 564 | 25450 | 58 |
| NIAGARA_-LNGRD209_115_180 | 180 | 115 | 243 | 249 | 297 | 25104 | 96 |
| NIAGARA_-MOUNTAIN_115_120 | 120 | 115 | 224 | 250 | 291 | 25135 | 65 |
| NIAGARA_-MOUNTAIN_115_121 | 121 | 115 | 40 | 40 | 40 | 326182 | 7 |
| NIAGARA_-MOUNTAIN_115_122 | 122 | 115 | 40 | 40 | 40 | 326183 | 7 |
| NIAGARA_-PACKARD_115_191 | 191 | 115 | 349 | 369 | 398 | 25075 | 141 |
| NIAGARA_-PACKARD_115_192 | 192 | 115 | 349 | 369 | 398 | 25099 | 162 |
| NIAGARA_-PACKARD_115_193 | 193 | 115 | 349 | 369 | 411 | 25100 | 120 |
| NIAGARA_-PACKARD_115_194 | 194 | 115 | 349 | 369 | 398 | 25101 | 120 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-------------------------------|---------|-----|------|------|------|--------|---------|
| NIAGARA_-PACKARD_115_195 | 195 | 115 | 359 | 359 | 475 | 25102 | 141 |
| NIAGARA_-PACKARD_230_61 | 61 | 230 | 767 | 844 | 949 | 25186 | 278 |
| NIAGARA_-PACKARD_230_62 | 62 | 230 | 717 | 717 | 949 | 25220 | 272 |
| NIAGARA_-ROBNSNRD_230_64 | 64 | 230 | 639 | 678 | 717 | 25088 | 190 |
| NIAGARA_-SANBORN_115_101 | 101 | 115 | 349 | 369 | 411 | 326180 | 77 |
| NIAGARA_-SANBORN_115_102 | 102 | 115 | 349 | 369 | 411 | 25103 | 77 |
| NIAGARA_-STA_255_345_NH2 | NH2 | 345 | 1591 | 1745 | 1904 | 327247 | 141 |
| NIAGB130-ECWABALP_115_181-922 | 181-922 | 115 | 211 | 217 | 255 | 26057 | 85 |
| NIAGB130-ECWABALP_115_182 | 182 | 115 | 211 | 217 | 255 | 326278 | 79 |
| NICHLVLE-PARISHVL_115_3 | 3-PN | 115 | 156 | 170 | 181 | 26110 | 0 |
| NILE_-ANDOVER_115_157 | 157-2 | 115 | 128 | 135 | 152 | 26016 | 2 |
| NINEMILE-CLAY___345_8 | 8 | 345 | 1278 | 1410 | 1624 | 25167 | 701 |
| NINEMILE-FTZPK_NM_115_4 | 4-NF | 115 | 119 | 119 | 159 | 25500 | 36 |
| NINEMILE-SCRIBA___345_9 | 9 | 345 | 1278 | 1410 | 1792 | 25359 | 73 |
| NO.LEROY-MUMFRD50_115_119 | 119 | 115 | 168 | 185 | 196 | 326559 | 3 |
| NOGDNBRG-MCINTYRE_115_9 | 9-NOM | 115 | 159 | 159 | 159 | 26080 | 17 |
| NORFOLK_-LAWRNCV_115_4 | 4 | 115 | 268 | 293 | 317 | 326397 | 15 |
| NRTH1385-NOR HBR_138_601 | 601 | 138 | 147 | 200 | 409 | 325597 | 33 |
| NRTH1385-NOR HBR_138_602 | 602 | 138 | 147 | 200 | 409 | 325598 | 32 |
| NRTH1385-NOR HBR_138_603 | 603 | 138 | 147 | 200 | 409 | 325599 | 32 |
| NRTH1385-NRTHPORT_138_NNC | 1385 | 138 | 441 | 569 | 569 | 25035 | 97 |
| NRTHPORT_138_138_PS2 | 138_PS2 | 138 | 473 | 488 | 586 | 25599 | 183 |
| NRTHPORT_138N_138E_PAR 1 | E_PAR 1 | 138 | 491 | 569 | 569 | 25598 | 97 |
| NRTHPORT-ELWOOD___138_678 | 678 | 138 | 356 | 582 | 659 | 25543 | 12 |
| NRTHPORT-ELWOOD___138_681 | 681 | 138 | 358 | 612 | 677 | 25544 | 8 |
| NRTHPORT-PILGRIM_138_672 | 672 | 138 | 175 | 288 | 417 | 25307 | 137 |
| NRTHPORT-PILGRIM_138_677 | 677 | 138 | 352 | 575 | 667 | 25308 | 274 |
| NRTHPORT-PILGRIM_138_679 | 679 | 138 | 357 | 579 | 667 | 25309 | 274 |
| OAKDALE_230_115_BK 1 | BK 1 | 230 | 318 | 435 | 440 | 25400 | 4 |
| OAKDALE_345_115_BK 2 | BK 2 | 345 | 583 | 600 | 600 | 25401 | 229 |
| OAKDALE_-DELHI___115_919 | 919 | 115 | 171 | 179 | 179 | 25897 | 8 |
| OAKDALE_-ENDICOTT_115_938 | 938 | 115 | 171 | 188 | 239 | 26198 | 108 |
| OAKDALE_-FRASER___345_32 | 32 | 345 | 1494 | 1692 | 1793 | 25235 | 65 |
| OAKDALE_-GOUDEY___115_939 | 939 | 115 | 292 | 321 | 352 | 26182 | 143 |
| OAKDALE_-KATTLVLE_115_943 | 943 | 115 | 171 | 188 | 221 | 26201 | 80 |
| OAKDALE_-NORTHSDE_115_944 | 944 | 115 | 231 | 239 | 239 | 26199 | 87 |
| OAKFIELD-BATAVIA_115_112-2 | 112-2 | 115 | 156 | 162 | 181 | 25126 | 15 |
| OAKSTRET-CORPDRIV_138_704 | 704 | 138 | 230 | 309 | 321 | 326882 | 61 |
| OAKWD232-LOCKPORT_115_36 | 36 | 115 | 199 | 199 | 199 | 326369 | 55 |
| OAKWD232-LOCKPORT_115_37 | 37 | 115 | 199 | 199 | 199 | 326372 | 55 |
| OAKWOOD_-ELWOOD___138_674 | 674 | 138 | 380 | 589 | 667 | 25545 | 27 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-------------------------------|---------|-----|------|------|------|--------|---------|
| OAKWOOD_-SYOSSET_138_675 | 675 | 138 | 262 | 364 | 656 | 25547 | 64 |
| OHIOVLE-HIGHLAND_115_OR | OR | 115 | 223 | 234 | 278 | 26247 | 23 |
| ONEIDA_-GRNEMPFM_115_2 | 2-OT | 115 | 141 | 144 | 159 | 25895 | 46 |
| ONEIDA_-SHERILPL_115_6 | 6 | 115 | 141 | 144 | 159 | 26113 | 34 |
| ONEIDA_-WALESVIL_115_7 | 7 | 115 | 141 | 144 | 159 | 26115 | 38 |
| OSWEGO__345_115_BK 7 | BK 7 | 345 | 576 | 657 | 774 | 25372 | 336 |
| OSWEGO_-ELBRIDGE_345_17 | 17 | 345 | 1278 | 1410 | 1792 | 25234 | 716 |
| OSWEGO_-S.OSWEGO_115_3 | 3-OS | 115 | 209 | 218 | 218 | 25507 | 137 |
| OSWEGO_-S.OSWEGO_115_5 | 5-OS | 115 | 209 | 218 | 218 | 25508 | 137 |
| OSWEGO_-S.OSWEGO_115_8 | 8-OS | 115 | 318 | 318 | 318 | 25509 | 49 |
| OSWEGO_-VOLNEY_345_11 | 11 | 345 | 1278 | 1410 | 1792 | 25199 | 135 |
| OSWEGO_-VOLNEY_345_12 | 12 | 345 | 1278 | 1410 | 1792 | 25201 | 135 |
| OWENSCRN-SABICO_115_7 | 7 | 115 | 141 | 144 | 165 | 325736 | 45 |
| OWENSCRN-SABICO_115_9 | 9 | 115 | 141 | 144 | 165 | 325737 | 2 |
| PACKARD_230_115_BK 3 | BK 3 | 230 | 233 | 250 | 250 | 25414 | 16 |
| PACKARD_230_115_BK 4 | BK 4 | 230 | 235 | 250 | 250 | 25415 | 42 |
| PACKARD_-LNGRD209_115_182 | 182 | 115 | 243 | 249 | 297 | 26056 | 102 |
| PACKARD_-MILTR210_115_129 | 129 | 115 | 239 | 317 | 317 | 25906 | 122 |
| PACKARD_-MILTR210_115_130 | 130 | 115 | 239 | 317 | 317 | 26059 | 112 |
| PACKARD_-NIAGB130_115_181-922 | 181-922 | 115 | 194 | 199 | 233 | 26055 | 94 |
| PACKARD_-SAWYER_230_77 | 77 | 230 | 680 | 747 | 836 | 25164 | 255 |
| PACKARD_-SAWYER_230_78 | 78 | 230 | 680 | 747 | 836 | 25195 | 255 |
| PALMITER-BENNETT_115_932 | 932 | 115 | 95 | 100 | 111 | 26165 | 10 |
| PANNELL_345_115_3T | BK 3 | 345 | 314 | 336 | 336 | 25572 | 66 |
| PANNELL_345_115_BK 1 | BK 1 | 345 | 273 | 329 | 336 | 25396 | 64 |
| PANNELL_345_115_BK 2 | BK 2 | 345 | 273 | 328 | 336 | 25431 | 63 |
| PANNELL_-CLAY__345_1 | 1 | 345 | 1195 | 1315 | 1673 | 25058 | 305 |
| PANNELL_-CLAY__345_2 | 2 | 345 | 1195 | 1315 | 1673 | 25050 | 306 |
| PANNELRG-FARMGTN_115_4-977 | 4-977 | 115 | 298 | 343 | 364 | 25080 | 117 |
| PANNELRG-STA_56__115_24 | 24 | 115 | 156 | 171 | 182 | 26285 | 80 |
| PANNELRG-STA_56__115_25 | 25 | 115 | 156 | 171 | 181 | 26284 | 74 |
| PARISHVL-COLTON_115_3 | 3-CP | 115 | 156 | 170 | 181 | 25241 | 3 |
| PATROON_-NANOTECH_115_6 | 6 | 115 | 340 | 373 | 414 | 25866 | 71 |
| PATROON_-PATRTAP_115_15 | 15 | 115 | 170 | 188 | 239 | 25867 | 35 |
| PATRTAP_-EVERETRD_115_15 | 15 | 115 | 148 | 166 | 166 | 26493 | 40 |
| PAVMNTRD-STOLLERD_115_926 | 926 | 115 | 299 | 335 | 368 | 325220 | 10 |
| PAWLING_-TILYFSTR_115_994 | 994 | 115 | 299 | 312 | 312 | 25902 | 29 |
| PEAT ST_-HDSNBRDG_115_10 | 10 | 115 | 224 | 250 | 291 | 26648 | 66 |
| PEAT ST_-HDSNBRDG_115_7 | 7 | 115 | 340 | 373 | 414 | 26649 | 16 |
| PEBLHILL-DEWITT_115_19 | 19 | 115 | 227 | 249 | 268 | 327232 | 112 |
| PEROXYCM-TWOMLCRK_115_39 | 39 | 115 | 176 | 181 | 209 | 327141 | 45 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|------------------------------|---------|-----|------|------|------|--------|---------|
| PETERBOR-ONEIDA__115_5 | 5 | 115 | 127 | 127 | 127 | 25896 | 22 |
| PIERCBRK-FIVEMILE_345_37 | 37 | 345 | 1195 | 1195 | 1195 | 326225 | 75 |
| PILGRIM__138B_138A_PAR | 138_PS2 | 138 | 353 | 371 | 445 | 25604 | 140 |
| PILGRIM_-HAUPPAUG_138_871 | 871 | 138 | 346 | 370 | 422 | 25550 | 140 |
| PILGRIM_-KINGS__138_880 | 880 | 138 | 566 | 607 | 672 | 25537 | 111 |
| PINEBUSH-SANDCREK_115_12 | 12 | 115 | 141 | 144 | 165 | 326635 | 52 |
| PINEBUSH-WOODLAWN_115_35 | 35 | 115 | 141 | 144 | 165 | 326633 | 18 |
| PINEGROV-FLYROAD__115_3 | 3 | 115 | 268 | 268 | 268 | 327238 | 47 |
| PLATSBRG_230_115_AT2 | AT2 | 230 | 292 | 320 | 356 | 326870 | 50 |
| PLATSBRG-KNTFSRNC_115_PS1 | PS1 | 115 | 149 | 172 | 204 | 25078 | 17 |
| PLATSBRG-PLATSBRG_115_PS1TM | PS1TM | 115 | 157 | 179 | 197 | 325732 | 26 |
| PLATTSBURGH PS-1A | PS-1/A | 115 | 179 | 179 | 224 | 69888 | 10 |
| PLSNTVLE_345_13__BK 1 | BK 1 | 138 | 64 | 70 | 70 | 25477 | 20 |
| PLSNTVLE_345_13__BK 2 | BK 2 | 138 | 64 | 70 | 70 | 25478 | 19 |
| PLSNTVLE-DUNWODIE_345_W89 | W89 | 345 | 2213 | 2402 | 2675 | 25182 | 832 |
| PLSNTVLE-DUNWODIE_345_W90 | W90 | 345 | 1976 | 2282 | 2542 | 25250 | 868 |
| PLSNTVLY-EFISHKIL_345_F36 | F36 | 345 | 1976 | 2387 | 2895 | 25256 | 432 |
| PLSNTVLY-EFISHKIL_345_F37 | F37 | 345 | 1976 | 2387 | 2895 | 25257 | 432 |
| PLSNTVLY-WOOD_ST_345_F30 | F30 | 345 | 1976 | 2384 | 2895 | 25237 | 905 |
| PLSNTVLY-WOOD_ST_345_F31 | F31 | 345 | 1976 | 2384 | 2895 | 25238 | 875 |
| PLSTVYCH_115_69__TR 10 | TR 10 | 115 | 134 | 143 | 143 | 25840 | 33 |
| PLSTVYCH_345_115_BK S1 | BK S1 | 345 | 478 | 478 | 478 | 25382 | 111 |
| PLSTVYCH-INWOOD__115_X1 | X-1 | 115 | 219 | 232 | 255 | 26209 | 64 |
| PLSTVYCH-MANCHSTR_115_M | M | 115 | 243 | 267 | 293 | 26208 | 87 |
| PLSTVYCH-TODDHILL_115_C | C | 115 | 255 | 302 | 334 | 325156 | 80 |
| PLYMTHST-HUDS_AVE_138_32078 | 32078 | 138 | 173 | 265 | 477 | 326581 | 113 |
| PORTER_-DERFIELD_115_8 | 8 | 115 | 127 | 127 | 127 | 26116 | 19 |
| PORTER_-ROTTRDAM_230_30 | 30-PR | 230 | 511 | 564 | 634 | 25173 | 149 |
| PORTER_-ROTTRDAM_230_31 | 31-PR | 230 | 511 | 564 | 634 | 25194 | 151 |
| PORTER_-VALLEY__115_4 | 4-PV | 115 | 141 | 144 | 165 | 25231 | 74 |
| PORTER_-WATKINRD_115_5 | 5-PW | 115 | 141 | 144 | 165 | 25232 | 85 |
| PORTJEFF_138_69__BK 7 | BK 7 | 138 | 127 | 156 | 208 | 25601 | 61 |
| PORTJEFF_138_69__BK 8 | BK 8 | 138 | 130 | 159 | 212 | 25600 | 57 |
| PORTJEFF-HOLBROOK_138_862 | 862 | 138 | 330 | 365 | 401 | 25539 | 40 |
| PORTJEFF-HOLBROOK_138_886 | 886 | 138 | 367 | 389 | 430 | 25540 | 41 |
| PYRITES_-DEKALB__115_7 | 7 | 115 | 93 | 101 | 106 | 26065 | 4 |
| QUAKERRD-MACEDON__115_930 | 930 | 115 | 68 | 85 | 112 | 25093 | 30 |
| QUAKERRD-PANNELRG_115_914 | 914 | 115 | 265 | 295 | 312 | 25261 | 0 |
| QUAKERRD-PANNELRG_115_925 | 925 | 115 | 350 | 370 | 412 | 25682 | 37 |
| QUAKERRD-SLEIGHT__115_13-980 | 980(13) | 115 | 187 | 206 | 221 | 25079 | 58 |
| QUAKERRD-STA_204__115_908 | 908 | 115 | 289 | 305 | 335 | 26286 | 88 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-----------------------------|---------|-----|------|------|------|--------|---------|
| QUENBRDG-VERNON__138_31281 | 31281 | 138 | 413 | 550 | 602 | 25159 | 174 |
| QUENBRDG-VERNON__138_31282 | 31282 | 138 | 413 | 550 | 602 | 25160 | 133 |
| QUENSBRY-CEDAR__115_10 | 10 | 115 | 156 | 170 | 181 | 26140 | 43 |
| QUENSBRY-SHERMAN__115_17 | 17-QS | 115 | 141 | 144 | 165 | 26142 | 46 |
| RAINEY_-FARRAGUT_345_61 | 61 | 345 | 608 | 801 | 1286 | 25152 | 73 |
| RAINEY_-FARRAGUT_345_62 | 62 | 345 | 739 | 854 | 1293 | 25253 | 67 |
| RAINEY_-FARRAGUT_345_63 | 63 | 345 | 608 | 801 | 1286 | 25254 | 73 |
| RAINEY_-VERNON__138_36311 | 36311 | 138 | 280 | 325 | 413 | 25296 | 51 |
| RAINEY_-VERNON__138_36312 | 36312 | 138 | 295 | 353 | 409 | 25297 | 13 |
| RAMAPO__345_138_BK 1300 | 1300 | 345 | 592 | 677 | 743 | 25441 | 89 |
| RAMAPO__345_138_BK 2300 | 2300 | 345 | 592 | 677 | 743 | 25442 | 89 |
| RAMAPO__345_345_PAR3500 | PAR3500 | 345 | 740 | 901 | 1150 | 25370 | 101 |
| RAMAPO__345_345_PAR4500 | PAR4500 | 345 | 728 | 931 | 1093 | 25371 | 101 |
| RAMAPO__500_345_BK 1500 | BK 1500 | 345 | 1160 | 1419 | 1923 | 25656 | 201 |
| RAMAPO_-BUCHAN_N_345_Y94 | Y94 | 345 | 1823 | 2015 | 2557 | 25184 | 717 |
| RAMAPO_-LADENTWN_345_W72 | W72 | 345 | 1823 | 2015 | 2557 | 25233 | 504 |
| RAMAPO_-SUGARLOF_345_76 | 76 | 345 | 2271 | 2271 | 2271 | 326219 | 601 |
| RAMAPOOR-STRLFRST_138_26 | 26 | 138 | 282 | 309 | 321 | 326302 | 42 |
| RAMAPOOR-TALLMAN__138_60 | 60 | 138 | 456 | 478 | 500 | 25880 | 124 |
| RANGEHL_-CASTLEGD_115_937 | 937 | 115 | 149 | 149 | 149 | 325225 | 14 |
| REGENRON-GREENBSH_115_9 | 9 | 115 | 426 | 470 | 537 | 327081 | 120 |
| REGENRON-RVSD_TAP_115_4 | 4 | 115 | 224 | 239 | 239 | 327082 | 4 |
| REYNOLDS_345_115_BK 2 | BK 2 | 345 | 550 | 598 | 699 | 25403 | 277 |
| REYNOLDS-ALPS__345_1 | 1 | 345 | 1912 | 1912 | 1912 | 25587 | 380 |
| REYNOLDS-GERENSLR_115_31 | 31 | 115 | 255 | 282 | 317 | 326247 | 80 |
| REYNOLDS-REGENRON_115_9 | 9 | 115 | 426 | 470 | 537 | 26129 | 113 |
| REYNOLDS-RVSD_TAP_115_4 | 4 | 115 | 268 | 288 | 317 | 325648 | 32 |
| RICHFELD-ESPRGFLD_115_7-942 | 942 | 115 | 119 | 120 | 120 | 26176 | 34 |
| RIDGE_RD-HILLSIDE_115_963 | 963 | 115 | 133 | 149 | 162 | 26190 | 3 |
| RIDGE_RD-HILLSIDE_115_978 | 978-1 | 115 | 133 | 149 | 162 | 26191 | 4 |
| RIVERSDE-RVSD_TAP_115_4 | 4 | 115 | 239 | 239 | 239 | 26144 | 28 |
| RIVERSDE-TRINITY__115_18 | 18 | 115 | 159 | 178 | 258 | 26491 | 80 |
| RIVERSDE-TRINITY__115_19 | 19 | 115 | 214 | 256 | 311 | 26492 | 92 |
| RIVRHEAD_138_69_BK 7 | BK 7 | 138 | 130 | 159 | 208 | 26622 | 49 |
| RIVRHEAD_138_69_BK 8 | BK 8 | 138 | 127 | 156 | 208 | 26623 | 43 |
| RIVRHEAD-WILDWOOD_138_912 | 912 | 138 | 340 | 445 | 493 | 327372 | 84 |
| ROBNSNRD-STOLLERD_230_65 | 65 | 230 | 673 | 717 | 717 | 25065 | 161 |
| ROCHESTR_345_115_BK 1 | BK 1 | 345 | 582 | 629 | 630 | 25412 | 95 |
| ROCHESTR_345_115_BK 2 | BK 2 | 345 | 389 | 476 | 478 | 25432 | 105 |
| ROCHESTR_345_115_BK 3 | BK 3 | 345 | 582 | 629 | 630 | 25446 | 95 |
| ROCHESTR_345_115_BK 5 | BK 5 | 345 | 546 | 630 | 630 | 325381 | 186 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|------------------------------|---------|-----|------|------|------|--------|---------|
| ROCHESTR-PANNELL_345_RP1 | RP1 | 345 | 1591 | 1745 | 1904 | 25192 | 206 |
| ROCHESTR-PANNELL_345_RP2 | RP2 | 345 | 1591 | 1745 | 1904 | 25172 | 206 |
| ROCK_CUT-TILDEN__115_18 | 18 | 115 | 227 | 239 | 239 | 326281 | 0 |
| ROCKHILL-MNTNDALE_115_957 | 957 | 115 | 184 | 192 | 200 | 325615 | 24 |
| ROCKTVRN_345_115_BK TR1 | BK TR1 | 345 | 485 | 530 | 530 | 25406 | 87 |
| ROCKTVRN_345_115_BK TR3 | BK TR3 | 345 | 485 | 533 | 560 | 26168 | 87 |
| ROCKTVRN-RAMAPO__345_77 | 77 | 345 | 2271 | 2271 | 2271 | 25183 | 699 |
| ROCKTVRN-SUGARLOF_345_76 | 76 | 345 | 2271 | 2271 | 2271 | 326218 | 739 |
| ROCKTVRN-SUGRLOAF_115_SL | SL | 115 | 179 | 196 | 206 | 25420 | 0 |
| ROCKTVRN-UNION_CH_115_RJ | RJ | 115 | 171 | 188 | 239 | 326347 | 27 |
| ROME__-TURNSTON_115_1 | 1-RO | 115 | 239 | 239 | 239 | 26112 | 42 |
| RONKOKMA-HOLBROOK_138_875 | 875 | 138 | 547 | 587 | 650 | 25541 | 9 |
| ROSA_RD_-GE_R_D__115_14 | 14 | 115 | 245 | 257 | 294 | 26145 | 27 |
| ROSETON_-EFISHKIL_345_RFK305 | RFK305 | 345 | 2528 | 2772 | 3133 | 25108 | 1142 |
| ROSETON_-ROCKTVRN_345_311 | 311 | 345 | 1713 | 1885 | 2102 | 25069 | 361 |
| ROTTRDAM_230_115_BK 6 | BK 6 | 230 | 406 | 462 | 478 | 25407 | 109 |
| ROTTRDAM_230_115_BK 7 | BK 7 | 230 | 346 | 396 | 448 | 25392 | 105 |
| ROTTRDAM_230_115_BK 8 | BK 8 | 230 | 377 | 427 | 474 | 25413 | 84 |
| ROTTRDAM-BURDECK__115_17 | 17-RB | 115 | 141 | 144 | 165 | 25129 | 26 |
| ROTTRDAM-BURDECK__115_19 | 19-RB | 115 | 141 | 144 | 165 | 26146 | 33 |
| ROTTRDAM-CURRY_RD_115_11 | 11 | 115 | 268 | 293 | 317 | 25869 | 1 |
| ROTTRDAM-EASTOVER_230_38 | 38 | 230 | 511 | 564 | 637 | 326094 | 5 |
| ROTTRDAM-FRONT_ST_115_16 | 16 | 115 | 268 | 293 | 317 | 26147 | 81 |
| ROTTRDAM-PINEBUSH_115_35 | 35 | 115 | 141 | 144 | 165 | 25865 | 6 |
| ROTTRDAM-SWAGRTWN_115_44 | 44 | 115 | 476 | 476 | 476 | 26430 | 52 |
| RULAND_-HOLBROOK_138_882 | 882 | 138 | 527 | 588 | 666 | 25538 | 5 |
| RULAND_-PILGRIM__138_661 | 661 | 138 | 515 | 575 | 589 | 25310 | 92 |
| RULAND_-PILGRIM__138_662 | 662 | 138 | 560 | 582 | 582 | 25311 | 92 |
| RUTHROAD-LINE8TAP_115_8 | 8 | 115 | 141 | 144 | 165 | 326639 | 44 |
| RUTHROAD-PINEBUSH_115_12 | 12 | 115 | 227 | 248 | 268 | 326634 | 40 |
| RYAN__-PLATSBRG_230_RYP-2 | RYP-2 | 230 | 292 | 320 | 356 | 25273 | 39 |
| RYNDS_HL-HIGHLAND_115_HR | HR | 115 | 220 | 234 | 256 | 325825 | 9 |
| RYNDS_HL-INWOOD__115_IR | IR | 115 | 219 | 232 | 255 | 26248 | 46 |
| S.MAHWAH-RAMAPOOR_138_51 | 51 | 138 | 282 | 309 | 321 | 25888 | 55 |
| S.OSWEGO-CLEARWTR_115_9 | 9 | 115 | 199 | 199 | 199 | 25510 | 70 |
| S.OSWEGO-CURTIS__115_10 | 10 | 115 | 199 | 199 | 199 | 25511 | 70 |
| S.OSWEGO-HAMRHILL_115_6 | 6 | 115 | 141 | 144 | 165 | 25513 | 46 |
| S.OSWEGO-NINEMILE_115_1 | 1-SN | 115 | 141 | 144 | 159 | 25501 | 42 |
| S.OWEGO_-GOUDEY__115_961 | 961 | 115 | 143 | 157 | 167 | 25725 | 39 |
| S.OWEGO_-NWAVERLY_115_962 | 962-2 | 115 | 143 | 157 | 167 | 25727 | 8 |
| S.PERRY__230_115_BK4 | BK 4 | 230 | 292 | 336 | 336 | 326585 | 1 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|----------------------------|---------|-----|------|------|------|--------|---------|
| S.PERRY_-MEYER__115_934 | 934 | 115 | 106 | 116 | 120 | 26194 | 42 |
| S.PERRY_-MEYER__230_87 | 87 | 230 | 506 | 556 | 603 | 326586 | 141 |
| S.RIPLEY-DUNKIRK__230_68 | 68 | 230 | 368 | 368 | 368 | 25045 | 3 |
| S124__115A_115B_PS1 | PS1 | 115 | 176 | 242 | 414 | 325930 | 85 |
| S124__115A_115B_PS2 | PS2 | 115 | 176 | 242 | 414 | 325931 | 85 |
| S42__115_115_PS920 | PS920 | 115 | 230 | 230 | 230 | 327073 | 0 |
| S42__-S124__115_932 | 932 | 115 | 213 | 233 | 237 | 325827 | 85 |
| S42__-S124__115_938 | 938 | 115 | 213 | 230 | 230 | 325972 | 85 |
| SABICO_-FEURABSH_115_9 | 9 | 115 | 268 | 293 | 317 | 326028 | 2 |
| SABICO_-LONGLANE_115_7 | 7 | 115 | 199 | 199 | 199 | 26501 | 38 |
| SALAMANC_HOMER_HL_115_153 | 153 | 115 | 156 | 159 | 159 | 325763 | 12 |
| SALAMANC_HOMER_HL_115_154 | 154 | 115 | 156 | 159 | 159 | 325764 | 15 |
| SANBORN_-LOCKPORT_115_101 | 101 | 115 | 285 | 300 | 318 | 25267 | 72 |
| SANBORN_-SHAWNERD_115_102 | 102 | 115 | 350 | 371 | 413 | 326179 | 77 |
| SAND_BAR-PLATSBRG_115_PV20 | PV20 | 115 | 236 | 274 | 274 | 25027 | 106 |
| SANDCREK-LINE8TAP_115_8 | 8 | 115 | 141 | 144 | 165 | 326640 | 10 |
| SANDCREK-STATE_CA_115_12 | 12 | 115 | 148 | 166 | 166 | 326636 | 52 |
| SANDDOCK-NCHELSEA_115_SC | SC | 115 | 255 | 282 | 315 | 26249 | 10 |
| SAWYER__230_23_TB1 | TB1 | 230 | 100 | 140 | 140 | 325047 | 44 |
| SAWYER__230_23_TB2 | TB2 | 230 | 100 | 140 | 140 | 325048 | 45 |
| SAWYER__230_23_TB3 | TB3 | 230 | 100 | 140 | 140 | 325049 | 43 |
| SAWYER_-HUNTLEY__230_77 | 77 | 230 | 691 | 760 | 848 | 325043 | 211 |
| SAWYER_-HUNTLEY__230_78 | 78 | 230 | 691 | 760 | 848 | 325044 | 209 |
| SAWYER_-SUNY_BUF__230_79 | 79 | 230 | 691 | 760 | 800 | 325045 | 167 |
| SAWYER_-SUNY_BUF__230_80 | 80 | 230 | 691 | 760 | 848 | 325046 | 168 |
| SCHAGCKT-EASTOVER_115_10 | 10 | 115 | 227 | 248 | 268 | 327071 | 0 |
| SCHAGCKT-MULBRYNM_115_3 | 3 | 115 | 227 | 248 | 268 | 327072 | 33 |
| SCHODACK-GREENBSH_115_13 | 13 | 115 | 227 | 248 | 268 | 325804 | 79 |
| SCHUYLER-PORTER__115_13 | 13 | 115 | 224 | 239 | 239 | 326142 | 45 |
| SCOTAFLT-MASONCR__115_909 | 909 | 115 | 189 | 207 | 221 | 325702 | 3 |
| SCRIBA_-FITZPTRK_345_FS-10 | FS-10 | 345 | 1434 | 1434 | 1662 | 25076 | 247 |
| SCRIBA_-VOLNEY__345_20 | 20 | 345 | 1474 | 1626 | 1881 | 25204 | 669 |
| SCRIBA_-VOLNEY__345_21 | 21-SV | 345 | 1912 | 1912 | 1912 | 25314 | 876 |
| SEBATVIA-EBATAVIA_115_119 | 119 | 115 | 268 | 293 | 317 | 326098 | 43 |
| SENECA_-GARDNVLB_230_71 | 71 | 230 | 241 | 241 | 241 | 25856 | 11 |
| SENECA_-GARDNVLB_230_72 | 72 | 230 | 241 | 241 | 241 | 25857 | 11 |
| SHALETON-CLVRBANK_115_141 | 141 | 115 | 107 | 117 | 123 | 325875 | 22 |
| SHALETON-LAKEVIEU_115_141 | 141 | 115 | 107 | 117 | 123 | 325874 | 20 |
| SHAWNERD-LOCKPORT_115_102 | 102 | 115 | 285 | 300 | 318 | 26052 | 70 |
| SHAWNERD-LOCKPORT_115_103 | 103 | 115 | 199 | 199 | 199 | 26051 | 47 |
| SHELBY76-SWEDEN__115_111 | 111 | 115 | 270 | 297 | 324 | 326393 | 27 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-----------------------------|---------|-----|------|------|------|--------|---------|
| SHENDOAH-EFISHKIL_115_EF | EF | 115 | 243 | 267 | 293 | 26251 | 75 |
| SHERILPL-YAHNUNDA_115_6 | 6 | 115 | 141 | 144 | 154 | 326740 | 9 |
| SHERMAN_-SPIERFLS_115_17 | 17-SS | 115 | 141 | 144 | 159 | 26148 | 34 |
| SHERMCRK-ACADEMY_138_331 | 331 | 138 | 345 | 431 | 546 | 325755 | 153 |
| SHERMCRK-ACADEMY_138_332 | 332 | 138 | 345 | 431 | 546 | 325754 | 153 |
| SHERMCRK-E179THST_138_15031 | 15031 | 138 | 184 | 235 | 371 | 25156 | 178 |
| SHERMCRK-E179THST_138_15032 | 15032 | 138 | 184 | 235 | 371 | 25157 | 176 |
| SHOEMAKR_138_69_BK 711 | BK 711 | 138 | 212 | 281 | 319 | 26694 | 69 |
| SHOEMAKR_138_69_BK 811 | BK 811 | 138 | 193 | 225 | 253 | 326024 | 86 |
| SHOR_NPX-SHOREHAM_138_CSC | NPX_CSC | 138 | 353 | 353 | 353 | 325153 | 329 |
| SHORE_RD_345_138_BK 1 | BK 1 | 345 | 487 | 534 | 641 | 25439 | 332 |
| SHORE_RD_345_138_BK 2 | BK 2 | 345 | 513 | 534 | 641 | 25440 | 310 |
| SHORE_RD-GLENWOOD_138_365 | 365 | 138 | 367 | 389 | 430 | 25205 | 117 |
| SHORE_RD-GLENWOOD_138_366 | 366 | 138 | 575 | 622 | 715 | 25154 | 124 |
| SHORE_RD-LAKSUCSS_138_367 | 367 | 138 | 249 | 365 | 623 | 25145 | 199 |
| SHORE_RD-LAKSUCSS_138_368 | 368 | 138 | 250 | 366 | 625 | 25150 | 199 |
| SHOREHAM-MILLERPL_138_879 | 879 | 138 | 527 | 588 | 666 | 25117 | 20 |
| SHOREHAM-WILDWOOD_138_863 | 863 | 138 | 566 | 601 | 684 | 25115 | 149 |
| SHOREHAM-WILDWOOD_138_867 | 867 | 138 | 528 | 590 | 668 | 25114 | 146 |
| SIDNEYRR-DELHI__115_949 | 949 | 115 | 117 | 120 | 120 | 326184 | 47 |
| SLEIGHT_115_34_BK 1 | BK 1 | 115 | 43 | 51 | 67 | 70523 | 18 |
| SLEIGHT_115_34_BK 2 | BK 2 | 115 | 43 | 51 | 67 | 70524 | 21 |
| SLEIGHT_-CLYDE__115_3-971 | 971(3) | 115 | 143 | 143 | 143 | 26686 | 19 |
| SMAHWAH_345_138_BK 258 | 258 | 345 | 441 | 516 | 559 | 25393 | 96 |
| SMAHWAH_-RAMAPO__345_69 | 69 | 345 | 1601 | 2010 | 2268 | 25021 | 63 |
| SMAHWAH_-RAMAPO__345_70 | 70 | 345 | 1822 | 2010 | 2552 | 25259 | 33 |
| SMITHBRD-WEIBELAV_115_2 | 2 | 115 | 282 | 288 | 318 | 325903 | 13 |
| SMITHBRD-WEIBELAV_115_302 | 302 | 115 | 268 | 292 | 317 | 325904 | 16 |
| SODEMNRD-LASHERRD_115_2 | 1 | 115 | 478 | 478 | 478 | 327085 | 40 |
| SODEMNRD-TAPBROOK_115_2 | 2 | 115 | 541 | 594 | 648 | 326827 | 98 |
| SODEMNRD-TAPBROOK_115_302 | 302 | 115 | 541 | 594 | 648 | 326825 | 27 |
| SORELHIL-ANHRBUSH_115_9 | 9 | 115 | 234 | 256 | 277 | 326802 | 62 |
| SORELHIL-BELMONT__115_13 | 13 | 115 | 227 | 229 | 229 | 326800 | 45 |
| SOUTHADOW-CARRSCRN_115_153 | 153 | 115 | 156 | 170 | 181 | 326162 | 2 |
| SOUTHADOW-CARRSCRN_115_154 | 154 | 115 | 156 | 170 | 181 | 326164 | 5 |
| SOUTHWOD-PEBLHILL_115_19 | 19 | 115 | 227 | 249 | 268 | 327231 | 85 |
| SPENCPRT-STA_113__115_947 | 947 | 115 | 143 | 151 | 161 | 326080 | 52 |
| SPIERFLS-BUTLER__115_4 | 4-SFB | 115 | 128 | 135 | 152 | 26136 | 31 |
| SPIERFLS-CURTPALM_115_9 | 9 | 115 | 128 | 135 | 152 | 326145 | 5 |
| SPIERFLS-MOHICAN__115_7 | 7 | 115 | 141 | 144 | 165 | 26435 | 26 |
| SPIERFLS-QUENSBRY_115_5 | 5-SFQ | 115 | 141 | 144 | 165 | 26141 | 45 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|------------------------------|---------|-----|------|------|------|--------|---------|
| SPIERFLS-TAPBROOK_115_2 | 2 | 115 | 282 | 288 | 318 | 25874 | 8 |
| SPIERFLS-TAPBROOK_115_302 | 302 | 115 | 222 | 234 | 278 | 25873 | 4 |
| SPRINGVL-ARCADE_115_151 | 151 | 115 | 156 | 171 | 182 | 326167 | 18 |
| SPRINGVL-MACHIAS_115_152 | 152 | 115 | 156 | 161 | 161 | 326171 | 14 |
| SPRNBRK_345_138_BK N7 | BK N7 | 345 | 382 | 451 | 472 | 25628 | 159 |
| SPRNBRK_345_138_BK S6 | BK S6 | 345 | 382 | 451 | 472 | 25625 | 159 |
| SPRNBRK_345KV_REA_R49 | R49REAC | 345 | 755 | 978 | 1423 | 26725 | 695 |
| SPRNBRK_-ACADEMY_345_M29 | M29 | 345 | 536 | 775 | 1369 | 325756 | 308 |
| SPRNBRK_-DUNWODIE_138_99942 | 99942 | 138 | 409 | 438 | 464 | 25246 | 158 |
| SPRNBRK_-DUNWODIE_345_W75 | W75 | 345 | 2849 | 3170 | 3640 | 25071 | 188 |
| SPRNBRK_-DUNWOODN_138_99941 | 99941 | 138 | 414 | 465 | 465 | 25245 | 158 |
| SPRNBRK_-EGRDNCTR_345_Y49 | Y49 | 345 | 693 | 940 | 1360 | 25105 | 690 |
| SPRNBRK_-TREMONT_345_X28 | X28 | 345 | 542 | 725 | 1220 | 25175 | 401 |
| SPRNBRK_-W49TH_ST_345_M51 | M51 | 345 | 832 | 979 | 1542 | 25053 | 354 |
| SPRNBRK_-W49TH_ST_345_M52 | M52 | 345 | 832 | 979 | 1542 | 25223 | 354 |
| ST55-139-CLVRBANK_115_141 | 141 | 115 | 107 | 117 | 123 | 325876 | 27 |
| ST55-139-CLVRBANK_115_142 | 142 | 115 | 107 | 117 | 123 | 325882 | 27 |
| STA_1185-STA_180_-115_907 | 907 | 115 | 77 | 95 | 111 | 326235 | 15 |
| STA_128_-STA_82_115_906 | 906 | 115 | 129 | 129 | 129 | 26303 | 18 |
| STA_133_-STA_1185_115_933 | 933 | 115 | 117 | 129 | 149 | 326161 | 33 |
| STA_135_-STA_230_115_929 | 929 | 115 | 282 | 298 | 313 | 325839 | 103 |
| STA_158_-STA_128_115_924 | 924 | 115 | 155 | 171 | 179 | 26654 | 14 |
| STA_162_-S.PERRY_115_906- 7X | 906-7X | 115 | 143 | 157 | 167 | 25062 | 8 |
| STA_162_-STA_1185_115_907 | 907 | 115 | 121 | 149 | 174 | 325254 | 17 |
| STA_162_-STA_158_115_924 | 924 | 115 | 155 | 171 | 179 | 26653 | 9 |
| STA_204_115_34_BK 1 | BK 1 | 115 | 56 | 67 | 112 | 70539 | 30 |
| STA_204_115_34_BK 2 | BK 2 | 115 | 56 | 67 | 112 | 70540 | 30 |
| STA_204_-S124_115_911 | 911 | 115 | 272 | 280 | 306 | 26307 | 82 |
| STA_23_-S42_115_920 | 920 | 115 | 243 | 263 | 269 | 70027 | 0 |
| STA_23_-STA_255R_115_941 | 941 | 115 | 300 | 538 | 717 | 327242 | 77 |
| STA_23_-STA_262_115_944 | 944 | 115 | 400 | 538 | 640 | 70028 | 21 |
| STA_230_-QUAKERRD_115_929 | 929 | 115 | 282 | 298 | 313 | 325840 | 96 |
| STA_251_-MORTIMER_115_901 | 901 | 115 | 223 | 235 | 279 | 25097 | 62 |
| STA_251_-STA_33_115_942 | 942 | 115 | 245 | 261 | 283 | 326100 | 27 |
| STA_251_-STA_33_115_943 | 943 | 115 | 245 | 261 | 283 | 326101 | 76 |
| STA_255_345_115_1TRANS | 1TRANS | 345 | 583 | 672 | 672 | 327207 | 83 |
| STA_255_345_115_2TRANS | 2TRANS | 345 | 583 | 672 | 672 | 327208 | 83 |
| STA_255_-ROCHESTR_345_40 | 40 | 345 | 1595 | 1751 | 1912 | 327209 | 31 |
| STA_255_-ROCHESTR_345_HR1 | HR1 | 345 | 1591 | 1745 | 1904 | 327243 | 19 |
| STA_255_-ROCHESTR_345_HR2 | HR2 | 345 | 1591 | 1745 | 1904 | 327244 | 19 |
| STA_255R-STA_418_115_940 | 940 | 115 | 300 | 604 | 717 | 327241 | 89 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-----------------------------|---------|-----|-----|-----|-----|--------|---------|
| STA_262_-STA_33__115_943 | 943 | 115 | 400 | 640 | 640 | 326414 | 39 |
| STA_33__115_34_BK10 | BK 1_2 | 115 | 74 | 80 | 90 | 70541 | 37 |
| STA_33__115_34_BK8 | BK 8 | 115 | 85 | 95 | 125 | 325836 | 37 |
| STA_37__115_34_BK 8 | BK 8 | 115 | 50 | 59 | 100 | 70542 | 31 |
| STA_37_-STA_48__115_926 | 926 | 115 | 351 | 373 | 414 | 26314 | 65 |
| STA_37_-STA_67__115_926 | 926 | 115 | 250 | 280 | 300 | 26313 | 96 |
| STA_418_-STA_113__115_947 | 947 | 115 | 155 | 171 | 181 | 326069 | 61 |
| STA_48__115_34_BK 6 | BK 6 | 115 | 60 | 71 | 73 | 70544 | 22 |
| STA_48__115_34_BK 9 | BK 9 | 115 | 67 | 74 | 112 | 70543 | 22 |
| STA_56_-QUAKERRD_115_23 | 23 | 115 | 176 | 180 | 180 | 26288 | 72 |
| STA_56_-STA_82__115_23 | 23 | 115 | 176 | 181 | 209 | 26287 | 38 |
| STA_67_-ROCHESRG_115_922 | 922 | 115 | 343 | 391 | 416 | 26321 | 105 |
| STA_67_-STA_418__115_910 | 910 | 115 | 289 | 305 | 335 | 326048 | 7 |
| STA_67_-STA_82__115_903 | 903 | 115 | 343 | 416 | 433 | 26322 | 24 |
| STA_69_-STA_71__115_945 | 945 | 115 | 129 | 145 | 161 | 326238 | 1 |
| STA_69_-STA_93__115_917 | 917 | 115 | 151 | 167 | 175 | 326237 | 7 |
| STA_7_-STA_48__115_919 | 919 | 115 | 282 | 299 | 314 | 26302 | 40 |
| STA_7_-STA_48__115_927 | 927 | 115 | 304 | 335 | 349 | 326039 | 42 |
| STA_7_-STA_93__115_917 | 917 | 115 | 143 | 149 | 159 | 26301 | 14 |
| STA_70_-SPENCPRT_115_947 | 947 | 115 | 143 | 151 | 161 | 326343 | 36 |
| STA_71_-STA_70__115_946 | 946 | 115 | 143 | 151 | 161 | 326342 | 18 |
| STA_82_-MORTIMER_115_7X8272 | 7X8272 | 115 | 337 | 414 | 460 | 25098 | 124 |
| STA_82_-ROCHESRG_115_904 | 904 | 115 | 608 | 657 | 657 | 25081 | 166 |
| STA_82_-ROCHESRG_115_905 | 905 | 115 | 608 | 657 | 657 | 26305 | 153 |
| STA_82_-STA_251__115_902 | 902 | 115 | 225 | 239 | 239 | 70058 | 27 |
| STA_82_-STA_48__115_916 | 916 | 115 | 458 | 542 | 564 | 326055 | 68 |
| STA_89_-STA_56__115_25 | 25 | 115 | 139 | 146 | 162 | 327090 | 63 |
| STATE_CA-PATRTAP__115_15 | 15 | 115 | 170 | 188 | 239 | 26494 | 40 |
| STATE_ST-WRGHTAVE_115_976 | 976 | 115 | 231 | 239 | 239 | 26200 | 103 |
| STERLING_138_69_BK 3 | BK 3 | 138 | 233 | 290 | 321 | 26524 | 112 |
| STERLING-RULAND__138_663 | 663 | 138 | 233 | 290 | 321 | 26498 | 112 |
| STJHNVLE-MARSHVLE_115_11 | 11 | 115 | 159 | 159 | 159 | 26127 | 25 |
| STLAWRNC_230A_230C_PS 33 | PS 33 | 230 | 285 | 298 | 363 | 25118 | 0 |
| STLAWRNC_230B_230D_PS 34 | PS 34 | 230 | 356 | 375 | 525 | 25119 | 0 |
| STLAWRNC-MOSES__230_L33P | L33P | 240 | 409 | 489 | 519 | 25026 | 0 |
| STLAWRNC-MOSES__230_L34P | L34P | 240 | 420 | 490 | 519 | 25037 | 0 |
| STOLLERD_345_115_BK 3 | BK 3 | 345 | 372 | 420 | 420 | 25461 | 5 |
| STOLLERD_345_115_BK 4 | BK 4 | 345 | 382 | 420 | 420 | 25462 | 5 |
| STOLLERD-HISHELDN_230_67 | 67 | 230 | 506 | 556 | 603 | 25064 | 40 |
| STONCREK-WETHSRFD_230_83 | 83 | 230 | 506 | 556 | 603 | 325973 | 103 |
| STONER_-VAILMILL_115_12 | 12 | 115 | 121 | 121 | 121 | 25680 | 0 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|------------------------------|---------|-----|-----|-----|-----|--------|---------|
| STONYRDG_230_115_BK1 | BK1 | 230 | 291 | 336 | 336 | 325811 | 76 |
| STONYRDG-HILLSIDE_230_72 | 72 | 230 | 610 | 669 | 737 | 325810 | 55 |
| STURGNPL_115_69_BK8 | TR 8 | 115 | 120 | 141 | 153 | 326293 | 15 |
| STURGNPL-OHIOVLE_115_OR | OR | 115 | 223 | 234 | 242 | 326294 | 60 |
| SUGARISL-COLTON__115_4 | 4 | 115 | 222 | 234 | 278 | 26084 | 11 |
| SUGRLOAF_345_138_BK1112 | BK1112 | 345 | 425 | 451 | 475 | 326220 | 135 |
| SUGRLOAF_69_138_BK 6108 | BK 6108 | 138 | 161 | 176 | 185 | 26333 | 44 |
| SUGRLOAF_69_138_BK 7108 | BK 7108 | 138 | 192 | 226 | 253 | 25891 | 49 |
| SUGRLOAF-STRLFRST_138_261 | 261 | 138 | 282 | 309 | 321 | 25326 | 83 |
| SULLVNP-K-STONYRDG_115_712 | 712 | 115 | 277 | 320 | 320 | 325809 | 75 |
| SUMMIT97-BUFALO78_115_130 | 129 | 115 | 239 | 317 | 317 | 326292 | 98 |
| SUMMIT97-WALCK_RD_115_129 | 129 | 115 | 239 | 317 | 317 | 326289 | 93 |
| SUNY_BUF-GARDNVLB_230_79 | 79-1 | 230 | 691 | 760 | 790 | 25165 | 154 |
| SUNY_BUF-GARDNVLB_230_80 | 80-1 | 230 | 691 | 760 | 810 | 25196 | 149 |
| SWAGRTWN-ROTTRDAM_115_1 | 1 | 115 | 478 | 478 | 478 | 26429 | 99 |
| SWANROAD-LOCKPORT_115_104 | 104 | 115 | 199 | 199 | 199 | 26050 | 0 |
| SWANROAD-SHAWNERD_115_103 | 103 | 115 | 211 | 217 | 242 | 326181 | 53 |
| SWEDEN_-BROCKP74_115_111 | 111 | 115 | 129 | 149 | 153 | 326130 | 35 |
| SWEDEN_-BROCKP74_115_113 | 113 | 115 | 174 | 191 | 204 | 326132 | 23 |
| SWEDEN_-MORTIMER_115_111 | 111 | 115 | 129 | 149 | 153 | 25347 | 9 |
| SWEDEN_-MORTIMER_115_113 | 113 | 115 | 129 | 149 | 153 | 25348 | 0 |
| SWEDEN_-SHELBY76_115_113 | 113 | 115 | 174 | 191 | 204 | 326131 | 26 |
| SWETH224-GETZVL60_115_36 | 36 | 115 | 211 | 217 | 255 | 326365 | 23 |
| SWETH224-GETZVL60_115_37 | 37 | 115 | 211 | 217 | 255 | 326366 | 23 |
| SYCAWAY_-REYNOLDS_115_16 | 16-NR | 115 | 227 | 248 | 268 | 327373 | 63 |
| SYCAWAY_-WYNTKLNK_115_14-988 | 14-NW | 115 | 224 | 248 | 268 | 327374 | 64 |
| SYLVANLK-PAWLING_115_990 | 990 | 115 | 239 | 239 | 239 | 26156 | 80 |
| SYOSSET_138_69_BK 5 | BK 5 | 138 | 258 | 304 | 338 | 26565 | 76 |
| SYOSSET_-LOCUSTGR_138_559 | 559 | 138 | 520 | 580 | 657 | 25904 | 228 |
| TALLMAN_-MONSEY__138_602 | 602 | 138 | 456 | 478 | 500 | 325609 | 95 |
| TAPBLSTN-SWAGRTWN_115_44 | 302 | 115 | 268 | 293 | 317 | 327088 | 98 |
| TAYLORVL-BREMEN__115_6 | 6 | 115 | 130 | 144 | 159 | 26070 | 27 |
| TAYLORVL-LOWVILLE_115_5 | 5-TL | 115 | 128 | 135 | 152 | 26107 | 32 |
| TEALLAVE-ASH___115_7-TA | 7-TA | 115 | 123 | 148 | 148 | 26063 | 38 |
| TEALLAVE-ASH___115_8-AT | 8-AT | 115 | 123 | 148 | 148 | 26117 | 38 |
| TEALLAVE-CROUSEHD_115_13 | 13 | 115 | 239 | 239 | 239 | 326066 | 9 |
| TEALLAVE-PETERBOR_115_5 | 5 | 115 | 141 | 144 | 165 | 325164 | 56 |
| TEALLAVE-SALCARBM_115_6 | 6 | 115 | 227 | 239 | 239 | 26154 | 27 |
| TELGRAPH_115_34_114_BK 2 | BK 2 | 115 | 66 | 79 | 79 | 26509 | 17 |
| TELGRAPH_115_34_115_BK 1 | BK 1 | 115 | 66 | 79 | 79 | 26013 | 21 |
| TELGRAPH-AKRONVIL_115_107 | 107 | 115 | 231 | 231 | 231 | 26508 | 23 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|------------------------------|---------|-----|-----|-----|-----|--------|---------|
| TELGRAPH-SHELBY76_115_114 | 114 | 115 | 174 | 191 | 204 | 25349 | 20 |
| TEMPLE_-PEAT ST_115_10 | 10-TP | 115 | 145 | 176 | 179 | 26715 | 52 |
| TERMINAL-PORTER_115_6 | 6 | 115 | 243 | 249 | 297 | 326140 | 47 |
| TERMINAL-SCHUYLER_115_7 | 7 | 115 | 141 | 144 | 165 | 326141 | 17 |
| TICONDRG-REPUBLIC_115_914(2) | 914(2) | 115 | 62 | 62 | 62 | 26470 | 13 |
| TILDEN_-SOUTHWOD_115_19 | 19 | 115 | 222 | 234 | 239 | 26092 | 69 |
| TILYFSTR-CROTONFL_115_994 | 994 | 115 | 175 | 178 | 179 | 326413 | 7 |
| TNWDA206-OAKWD232_115_36 | 36 | 115 | 275 | 291 | 310 | 326368 | 51 |
| TNWDA206-OAKWD232_115_37 | 37 | 115 | 275 | 291 | 310 | 326371 | 51 |
| TODDHILL-FISHKPLN_115_A | A | 115 | 285 | 301 | 319 | 325157 | 58 |
| TREMONT_138A_138B_BK 11 | BK 11 | 138 | 271 | 329 | 377 | 25649 | 198 |
| TREMONT_138C_138D_BK 12 | BK 12 | 138 | 271 | 329 | 377 | 25650 | 201 |
| TREMONT_345_138_BK 11 | BK 11 | 345 | 299 | 350 | 407 | 25473 | 199 |
| TREMONT_345_138_BK 12 | BK 12 | 138 | 299 | 350 | 407 | 25474 | 201 |
| TREMONT_-PARKCHTR_138_38X01 | 38X01 | 138 | 251 | 363 | 550 | 25120 | 99 |
| TREMONT_-PARKCHTR_138_38X02 | 38X02 | 138 | 251 | 363 | 550 | 25121 | 99 |
| TREMONT_-PARKCHTR_138_38X03 | 38X03 | 138 | 270 | 397 | 550 | 25122 | 99 |
| TREMONT_-PARKCHTR_138_38X04 | 38X04 | 138 | 270 | 397 | 550 | 25123 | 101 |
| TULLERHL-CLRKSCRN_115_1-716 | 1-716 | 115 | 156 | 170 | 181 | 26192 | 16 |
| TULLYCTR-ROCK_CUT_115_18 | 18 | 115 | 268 | 275 | 275 | 326280 | 57 |
| TURIN_RD-MADISON_115_3 | 3 | 115 | 141 | 144 | 159 | 327441 | 16 |
| TURNSTON-ONEIDA_115_1 | 1-RO | 115 | 168 | 187 | 216 | 327129 | 48 |
| TWOMLCRK-BUFAL129_115_38 | 38 | 115 | 176 | 181 | 209 | 327229 | 44 |
| TWOMLCRK-BUFAL129_115_39 | 39 | 115 | 176 | 181 | 209 | 327230 | 43 |
| UNION_CH-BETHLMRD_115_UB | UB | 115 | 171 | 188 | 202 | 326345 | 5 |
| UNIONVAL-CROTONFL_115_991 | 991 | 115 | 239 | 239 | 239 | 326417 | 48 |
| URBAN154-DALEROAD_115_39 | 39 | 115 | 211 | 217 | 255 | 326152 | 26 |
| URBAN154-WALDENNG_115_38 | 38 | 115 | 211 | 217 | 255 | 326151 | 27 |
| VAILMILL-CHURCH_S_115_12 | 12 | 115 | 141 | 141 | 141 | 327079 | 25 |
| VALKIN_-FT_ORAN_115_15 | 15 | 115 | 227 | 248 | 268 | 325685 | 88 |
| VALLEY_-FAIRFIEL_115_12 | 12 | 115 | 141 | 144 | 165 | 325743 | 47 |
| VALLYSTR_138A_138B_PAR | B_PAR | 138 | 350 | 368 | 441 | 25607 | 101 |
| VALLYSTR-BARRETT_138_291 | 291 | 138 | 204 | 289 | 400 | 25312 | 92 |
| VALLYSTR-BARRETT_138_292 | 292 | 138 | 196 | 281 | 394 | 25313 | 104 |
| VALLYSTR-EGRDNCTY_138_261 | 261 | 138 | 271 | 369 | 650 | 327260 | 57 |
| VALLYSTR-EGRDNCTY_138_262 | 262 | 138 | 189 | 278 | 418 | 25244 | 91 |
| VERNON__138A_138B_PAR R1 | PAR R1 | 138 | 435 | 508 | 600 | 325712 | 1 |
| VERNON_-GREENWD_138_31231 | 31231 | 138 | 195 | 249 | 310 | 25337 | 188 |
| VERNON_-KENTAVE_138_31232 | 31232-1 | 138 | 195 | 249 | 310 | 26123 | 148 |
| VERNON_-W49TH_ST_138_38M72 | 38M72 | 138 | 178 | 252 | 252 | 325122 | 65 |
| VINGR_TP-VINEGAR_115_917 TAP | 917 TAP | 115 | 149 | 172 | 215 | 26455 | 8 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-----------------------------|---------|-----|------|------|------|--------|---------|
| VOLNEY_-CLAY___345_6 | 6 | 345 | 1431 | 1605 | 1881 | 25198 | 730 |
| VOLNEY_-MARCY___345_19 | 19 | 345 | 1434 | 1793 | 2390 | 25345 | 537 |
| W.ASHVLE-BAKER_ST_115_160 | 160-2 | 115 | 245 | 257 | 294 | 327111 | 7 |
| W.NYACK_138_69_BK 221 | BK 221 | 138 | 212 | 281 | 319 | 26334 | 49 |
| W.NYACK_-SNKEHLRD_138_562 | 562 | 138 | 212 | 281 | 317 | 325906 | 49 |
| W_ERIAVE-HICKLING_115_935 | 935 | 115 | 169 | 190 | 208 | 325568 | 13 |
| W_ERIAVE-SULLVNP_115_711 | 711 | 115 | 299 | 327 | 360 | 325808 | 55 |
| W49TH_ST_345_138_TR1 | TR1 | 345 | 462 | 532 | 651 | 325061 | 132 |
| W49TH_ST-E13THSTA_345_M54 | M54 | 345 | 772 | 1009 | 1575 | 25228 | 158 |
| W49TH_ST-E13THSTA_345_M55 | M55 | 345 | 772 | 1009 | 1575 | 25222 | 155 |
| WADNGRIV-NSHORBCH_138_878 | 878 | 138 | 450 | 600 | 682 | 325642 | 15 |
| WADNGRIV-SHOREHAM_138_891 | 891 | 138 | 527 | 589 | 667 | 25342 | 15 |
| WALCK_RD-BUFALO78_115_133 | 133 | 115 | 239 | 317 | 317 | 26153 | 92 |
| WALDEN_-WALDN_A2_115_BK 1 | BK 1 | 115 | 44 | 44 | 51 | 25429 | 8 |
| WALDENNG-CALSPAN_115_54-921 | 54-921 | 115 | 227 | 249 | 268 | 26024 | 31 |
| WALDENNG-GARDNVLB_115_182 | 182 | 115 | 211 | 217 | 242 | 26015 | 56 |
| WALDENNG-GARDNVLB_115_38 | 38 | 115 | 211 | 217 | 242 | 26039 | 19 |
| WALDWICK-SMAHWAH_345_J3410 | J3410 | 345 | 743 | 1094 | 1974 | 25032 | 33 |
| WALDWICK-SMAHWAH_345_K3411 | K3411 | 345 | 746 | 1093 | 1975 | 25039 | 33 |
| WALESVIL-CAVANARD_115_7 | 7 | 115 | 141 | 144 | 165 | 325213 | 46 |
| WALESVIL-PORTER_115_3 | 3 | 115 | 141 | 144 | 165 | 326705 | 63 |
| WARNSBRG-SCOFDRD_115_10 | 10 | 115 | 50 | 50 | 50 | 326148 | 34 |
| WARREN_-FALCONER_115_171 | 171 | 115 | 131 | 131 | 141 | 25015 | 0 |
| WATKINRD-INGHAM_C_115_2 | 2-WI | 115 | 141 | 144 | 159 | 25805 | 59 |
| WATRCURE_345_230_BK 1 | BK 1 | 345 | 494 | 590 | 600 | 25402 | 114 |
| WATRCURE_345_230_BK 2 | BK 2 | 345 | 519 | 599 | 599 | 327087 | 115 |
| WATRCURE-OAKDALE_230_71 | 71 | 230 | 318 | 435 | 440 | 25179 | 4 |
| WATRCURE-OAKDALE_345_31 | 31 | 345 | 1076 | 1076 | 1076 | 25178 | 154 |
| WBALMVLE-MARLBORO_115_MW | MW | 115 | 243 | 267 | 293 | 326090 | 3 |
| WEST BUS-SILLSRD_138_873 | 873 | 138 | 572 | 614 | 680 | 325618 | 2 |
| WESTMLTN-LASHERRD_115_302 | 302 | 115 | 478 | 478 | 478 | 327084 | 31 |
| WESTMLTN-SODEMNRD_115_302 | 302 | 115 | 541 | 594 | 648 | 326824 | 27 |
| WETHSRFD-S.PERRY_230_85 | 85 | 230 | 506 | 556 | 603 | 325623 | 140 |
| WETZEL_-CLAY___115_7 | 7-CL | 115 | 268 | 293 | 317 | 326207 | 62 |
| WHAVSTOR_345_138_BK 194 | BK 194 | 345 | 446 | 546 | 619 | 25447 | 138 |
| WHAVSTOR-LOVETT_138_53 | 53 | 138 | 249 | 288 | 308 | 25884 | 3 |
| WHAVSTOR-STONYPNT_138_542 | 542 | 138 | 282 | 309 | 321 | 326049 | 4 |
| WHAVSTRW-WHAVSTOR_345_671 | 671 | 345 | 451 | 546 | 619 | 326216 | 138 |
| WHITAKER-S.OSWEGO_115_4 | 4 | 115 | 156 | 170 | 181 | 327190 | 56 |
| WHITEHAL-COMSTKNM_115_13 | 13 | 115 | 141 | 144 | 159 | 25903 | 22 |
| WHITEHAL-TICONDRG_115_3 | 3 | 115 | 141 | 144 | 159 | 26471 | 29 |

| Equipment Name | Line ID | KV | NOR | LTE | STE | PTID | MW Flow |
|-----------------------------|---------|-----|------|------|------|--------|---------|
| WHITMAN_-ONEIDA_115_8 | 8 | 115 | 159 | 159 | 159 | 25894 | 11 |
| WICCOPEE-SHENDOAH_115_FS | FS | 115 | 243 | 260 | 282 | 325773 | 24 |
| WILDWOOD_138_69_BK 4 | BK 4 | 138 | 258 | 304 | 338 | 26550 | 74 |
| WILDWOOD-RIVRHEAD_138_890 | 890 | 138 | 374 | 396 | 438 | 25905 | 86 |
| WILLET_-ENORWICH_115_945 | 945-1 | 115 | 155 | 155 | 155 | 25732 | 40 |
| WILLIS_230_115_AT1 | BK 1 | 230 | 167 | 195 | 218 | 25388 | 40 |
| WILLIS_230_115_AT2 | BK 2 | 230 | 167 | 195 | 218 | 25390 | 40 |
| WILLIS_-CHAT_TAP_115_1(911) | 1(911) | 115 | 173 | 191 | 205 | 26204 | 21 |
| WILLIS_-PATNODE_230_WPN-1 | WPN-1 | 230 | 530 | 582 | 612 | 325565 | 43 |
| WILLIS_-RYAN_230_WRY-2 | WRY-2 | 230 | 478 | 478 | 591 | 325566 | 47 |
| WILLWBRK-FRESHKLS_138_29211 | 29211-2 | 138 | 207 | 275 | 450 | 25319 | 86 |
| WILLWBRK-FRESHKLS_138_29212 | 29212-2 | 138 | 207 | 275 | 450 | 25320 | 103 |
| WOLF_RD_-EVERETRD_115_10 | 10 | 115 | 141 | 144 | 165 | 26255 | 76 |
| WOOD_ST_345_115_BK 1 | BK 1 | 345 | 350 | 400 | 420 | 25437 | 112 |
| WOOD_ST_345_115_BK 2 | BK 2 | 345 | 358 | 412 | 420 | 25438 | 83 |
| WOOD_ST_-MILLWOOD_345_W80 | W80 | 345 | 1976 | 2387 | 2895 | 25148 | 817 |
| WOOD_ST_-MILLWOOD_345_W81 | W81 | 345 | 1976 | 2387 | 2895 | 25525 | 880 |
| WOOD_ST_-PLSNTVLE_345_Y86 | Y86 | 345 | 2409 | 2679 | 3406 | 25358 | 891 |
| WOOD_ST_-PLSNTVLE_345_Y87 | Y87 | 345 | 2103 | 2282 | 2542 | 25132 | 854 |
| WOODLAWN-RUTHROAD_115_12 | 12 | 115 | 222 | 234 | 268 | 26490 | 40 |
| WOODSTNY-AMAWALK_115_996 | 996 | 115 | 261 | 287 | 311 | 25574 | 58 |
| WOODSTNY-KATONAH_115_901 | 901 | 115 | 271 | 293 | 303 | 326481 | 42 |
| WRGHTAVE-MILLIKEN_115_973 | 973 | 115 | 231 | 260 | 286 | 26195 | 65 |
| WTRVLARS-GERENSLR_115_31 | 31 | 115 | 156 | 170 | 181 | 26423 | 77 |
| WWDBURNY_115_69_BK 1 | BK 1 | 115 | 50 | 50 | 50 | 25404 | 22 |
| WYNTKLM-REYNOLDS_115_13-988 | 13-WR | 115 | 227 | 248 | 268 | 26143 | 71 |
| WYNTKLM-WYNTKLNY_115_BK 2 | BK2 | 115 | 64 | 65 | 72 | 26489 | 7 |
| YAHNUNDA-DEBALSO_115_3 | 3 | 115 | 152 | 166 | 175 | 26515 | 60 |
| YAWGERRD-RIDGE_RD_115_963 | 963 | 115 | 271 | 279 | 307 | 326312 | 26 |
| YOUNG214-HUNTLEY_115_133 | 133 | 115 | 211 | 217 | 242 | 26042 | 73 |
| YOUNG214-SWETH224_115_36 | 36 | 115 | 211 | 217 | 255 | 326364 | 17 |

Appendix E – INTERFACE DEFINITIONS

NYISO OPERATING INTERFACES & OASIS TRANSMISSION PATHS

| DYSINGER EAST | | |
|-----------------------------------|---------|--------------|
| West (Zone A) – Genesee (Zone B) | | |
| Name | Line ID | Voltage (kV) |
| *Somerset-Station 255 (Henrietta) | SH1-39 | 345 |
| *Niagara- Station 255 (Henrietta) | NH2 | 345 |
| *Lockport-N. Akron | 108 | 115 |
| *Lockport-Oakfield | 112 | 115 |
| *Lockport- Sweden 1 | 111 | 115 |
| *Lockport-Shelby | 113 | 115 |
| *Lockport-Telegraph | 107 | 115 |
| *Lockport-Telegraph | 114 | 115 |
| West (Zone A) – Central (Zone C) | | |
| *Stolle Road-High Sheldon | 67 | 230 |
| *Andover-Palmiter | 157-932 | 115 |

| SPRAIN BROOK-DUNWOODIE SOUTH | | |
|--|---------|--------------|
| Dunwoodie (Zone I) – NYC (Zone J) | | |
| Name | Line ID | Voltage (kV) |
| *Dunwoodie-Mott Haven | 71 | 345 |
| *Dunwoodie-Mott Haven | 72 | 345 |
| Sprain Brook-Tremont* | X28 | 345 |
| *Sprain Brook-West 49 th Street | M51 | 345 |
| *Sprain Brook-West 49 th Street | M52 | 345 |
| *Sprain Brook-Academy | M29 | 345 |
| *Dunwoodie-Sherman Creek | 99031 | 138 |
| *Dunwoodie-Sherman Creek | 99032 | 138 |
| *Dunwoodie-East 179 th Street | 99153 | 138 |
| Long Island (Zone K) – NYC (Zone J) | | |
| *Lake Success-Jamaica | 903 | 138 |
| *Valley Stream-Jamaica | 901L_M | 138 |

* indicates the metered end of the circuit

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

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

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

* indicates the metered end of the circuit

| TOTAL EAST | | |
|---|----------------|---------------------|
| Mohawk Valley (Zone E) – Capital (Zone F) | | |
| Name | Line ID | Voltage (kV) |
| Edic-New Scotland* | 14 | 345 |
| Marcy-New Scotland* | 18 | 345 |
| *Fraser-Gilboa | GF5-35 | 345 |
| Porter-Rotterdam* | 30 | 230 |
| Porter-Rotterdam* | 31 | 230 |
| East Springfield-Inghams* | 7-942 | 115 |
| *Inghams PAR | PAR | 115 |
| *Inghams Bus Tie | R81 | 115 |
| Mohawk Valley (Zone E) – Hudson Valley (Zone G) | | |
| Middletown-Rock Tavern* | CCRT34 | 345 |
| Coopers Corners-Dolson Ave.* | CCDA42 | 345 |
| Middletown 345*/138 | BK114 | 345/138 |
| West Woodbourne 115/69* | BK1 | 115/69 |
| North (Zone D) – ISONE (Zone N) | | |
| *Plattsburgh-Sand Bar | PV20 | 115 |
| PJM East (Zone P) – Hudson Valley (Zone G) | | |
| Hopatcong-Ramapo* | 5018 | 500 |
| *Waldwick-S. Mahwah | J3410 | 345 |
| *Waldwick-S. Mahwah | K3411 | 345 |
| PJM East (Zone P) – NYC (Zone J) | | |
| Marion-Farragut* | C3403 | 345 |
| Hudson-Farragut* | B3402 | 345 |
| Linden-Goethals* | A2253 | 230 |
| PJM (Rockland Electric) – Hudson Valley (Zone G) | | |
| *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

| CENTRAL EAST | | |
|---|---------|--------------|
| Mohawk Valley (Zone E) – Capital (Zone F) | | |
| Name | Line ID | Voltage (kV) |
| Edic-New Scotland* | 14 | 345 |
| Marcy-New Scotland* | 18 | 345 |
| Porter-Rotterdam* | 30 | 230 |
| Porter-Rotterdam* | 31 | 230 |
| East Springfield-Inghams* | 7-942 | 115 |
| Inghams PAR* | PAR | 115 |
| Inghams Bus Tie* | R81 | 115 |
| North (Zone D) – ISONE (Zone N) | | |
| *Plattsburgh-Sand Bar | PV20 | 115 |

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

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

* indicates the metered end of the circuit

| PJM-NYISO | | |
|--|----------------|---------------------|
| PJM East (Zone P) – NYC (Zone J) | | |
| Name | Line ID | Voltage (kV) |
| Marion-Farragut* | C3403 | 345 |
| Hudson-Farragut* | B3402 | 345 |
| Linden-Goethals* | A2253 | 230 |
| PJM West – Central (Zone C) | | |
| *Mainesburg-Watercure | 30 | 345 |
| *Mainesburg- Mainesburg NY | 47 | 345 |
| *Homer City- Homer City NY | 47 | 345 |
| E. Towanda-Hillside* | 70 | 230 |
| Laurel Lake-Goudey* | 952 | 115 |
| *E. Sayre-N. Waverly | 956 | 115 |
| PJM West – West (Zone A) | | |
| *Pierce Brook-Five Mile Road | 37 | 345 |
| *Pierce Brook- Pierce Brook NY | 48 | 345 |
| *Homer City- Homer City NY | 48 | 345 |
| Erie East-South Ripley* | 69 | 230 |
| *Warren-Falconer | 171 | 115 |
| PJM East (Zone P) – Hudson Valley (Zone G) | | |
| Hopatcong-Ramapo* | 5018 | 500 |
| *Waldwick-S. Mahwah | J3410 | 345 |
| *Waldwick-S. Mahwah | K3411 | 345 |
| PJM (Rockland Electric) – Hudson Valley (Zone G) | | |
| *Closter-Sparkill | 751 | 69 |
| *Harings Corners- W. Nyack | 701 | 69 |
| *Harings Corners-Corporate Drive | 703 | 138 |
| *Montvale-Bluehill | 44 | 69 |
| *Montvale-Bluehill | 43 | 69 |
| *Montvale-Pearl River | 491 | 69 |
| *Harings Corners- Pearl River | 45 | 34 |
| *S. Mahwah-Ramapo | 51 | 138 |
| *S. Mahwah-Hilburn | 65 | 69 |
| S. Mahwah 138*/345 | BK258 | 138/345 |

* indicates the metered end of the circuit

| WESTERN EXPORT | | |
|--|----------------|---------------------|
| West (Zone A) – Ontario South (Zone O) | | |
| Name | Line ID | Voltage (kV) |
| *Niagara-Beck | PA301 | 345 |
| *Niagara-Beck | PA302 | 345 |
| *Niagara-Beck | PA27 | 230 |
| Packard-Beck* | BP76 | 230 |
| West (Zone A) – PJM West | | |
| *Pierce Brook-Five Mile Road | 37 | 345 |
| Erie East-South Ripley* | 69 | 230 |
| *Warren-Falconer | 171 | 115 |
| West (Zone A) – Genesee (Zone B) | | |
| *Somerset-Station 255 (Henrietta) | SH1-39 | 345 |
| *Niagara- Station 255 (Henrietta) | NH2 | 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 |

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

* indicates the metered end of the circuit

Appendix F – ANNOTATED TARA OUTPUT

This Section Is Available Electronically If Requested

Appendix G – COMPARISON OF TRANSFER LIMITS WINTER 2021-22 VS. 2020-21

| Interface | | WINTER 2021-22 | | WINTER 2020-21 | | Delta |
|---|----------------------|--------------------|---------------|--------------------|---------------|-------|
| | | Limit (MW) | Contingency | Limit (MW) | Contingency | |
| Dysinger East | Normal | 2500 | 1 | 2225 | 1 | 275 |
| | Emergency | 2700 | 2 | 2825 | 3 | -125 |
| UPNY - ConEd | Normal | 7250 | 4 | 5900 | 18 | 1350 |
| | Emergency | 7650 | 5 | 7325 | 5 | 325 |
| UPNY - SENY | Normal | 5025 | 4 | 4250 | 18 | 775 |
| | Emergency | 5400 | 5 | 5800 | 5 | -400 |
| Sprain Brook Dunwoodie-South | Normal | 3950 | 6 | 4075 | 7 | -125 |
| | Emergency | 4100 | 8 | 4250 | 8 | -150 |
| Con Ed - LIPA | Normal | 1000 | 9 | 1000 | 9 | 0 |
| | Emergency | 1675 | 10 | 1700 | 10 | -25 |
| Central East | MSC-7040 FLOW | HQ -> NY | 600 MW | HQ -> NY | 600 MW | |
| | Normal | 2925 | 11 | 2850 | 11 | 75 |
| | Emergency | 3300 | 12 | 3225 | 12 | 75 |
| | MSC-7040 FLOW | | 0 MW | | 0 MW | |
| | Normal | 2925 | 11 | 2850 | 11 | 75 |
| | Emergency | 3300 | 12 | 3225 | 12 | 75 |
| | MSC-7040 FLOW | NY -> HQ | 600 MW | NY -> HQ | 600 MW | |
| | Normal | 2925 | 11 | 2850 | 11 | 75 |
| | Emergency | 3275 | 12 | 3225 | 12 | 50 |
| Total East ¹ | MSC-7040 FLOW | HQ -> NY | 600 MW | HQ -> NY | 600 MW | |
| | Normal | 4150 | 13 | 4200 | 19 | -50 |
| | Emergency | 4300 | 5 | 5000 | 5 | -700 |
| | MSC-7040 FLOW | | 0 MW | | 0 MW | |
| | Normal | 4150 | 13 | 4175 | 19 | -25 |
| | Emergency | 4300 | 5 | 5025 | 5 | -725 |
| | MSC-7040 FLOW | NY -> HQ | 600 MW | NY -> HQ | 600 MW | |
| | Normal | 4150 | 13 | 4175 | 19 | -25 |
| | Emergency | 4300 | 5 | 5025 | 5 | -725 |
| Moses - South | MSC-7040 FLOW | HQ -> NY | 600 MW | HQ -> NY | 600 MW | |
| | Normal | 1775 | 15 | 1750 | 15 | 25 |
| | Emergency | 3025 | 17 | 2275 | 16 | 750 |
| | MSC-7040 FLOW | | 0 MW | | 0 MW | |
| | Normal | 1325 | 14 | 1275 | 14 | 50 |
| | Emergency | 2325 | 17 | 2325 | 17 | 0 |
| | MSC-7040 FLOW | NY -> HQ | 600 MW | NY -> HQ | 600 MW | |
| | Normal | 775 | 14 | 725 | 14 | 50 |
| | Emergency | 1625 | 17 | 1625 | 17 | 0 |

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

NYISO WINTER 2021-22 CROSS-STATE THERMAL LIMIT CONTINGENCY LIST

| | Limiting Element | Rating | Contingency | |
|------|--|---------------|--------------------|---|
| (1) | Niagara – Packard (61) 230 kV | @STE 949 MW | L/O | Beck – Packard (BP76) 230 kV Niagara – Packard (62) 230 kV |
| (2) | Sweden – Mortimer (111) 115 kV | @STE 153 MW | L/O | Niagara – Station 255 (NH2) 345 kV |
| (3) | Hinman – Lockport (100) 115 kV | @STE 317 MW | L/O | Robinson – Stolle Road (65) 230 kV |
| (4) | Leeds – Pleasant Valley (92) 345kV | @LTE 1783 MW | L/O | Athens – Pleasant Valley (91) 345kV |
| (5) | Coopers Corners – Middletown TAP (CCRT34) 345 kV | @STE 1793 MW | L/O | Dolson Ave – Rock Tavern (DART-44) 345 kV |
| (6) | Dunwoodie – Mott Haven (71) 345kV | @MTE 1083 MW | L/O | Dunwoodie – Mott Haven (72) 345kV Mott Haven 345/138 kV Transformer |
| (7) | Dunwoodie – Mott Haven (71) 345kV | @MTE 1083 MW | L/O | Dunwoodie – Mott Haven (72) 345kV Mott Haven 345/138 kV Transformer |
| (8) | Dunwoodie – Mott Haven (71) 345kV | @NORM 741 MW | | Pre – Contingency Loading |
| (9) | Dunwoodie – Shore Rd. (Y50) 345kV | @LTE 977 MW | L/O | (SB RNS2 @ Sprain Brook 345 kV) Sprain Brook – East Garden City (Y49) 345 kV Sprain Brook – Academy (M29) 345 kV |
| (10) | Dunwoodie – Shore Rd. (Y50) 345 kV | @NORM 741 MW | | Pre – Contingency Loading |
| (11) | New Scotland – Leeds (93) 345kV | @LTE 1692 MW | L/O | New Scotland – Leeds (94) 345kV |
| (12) | New Scotland – Leeds (93) 345kV | @STE 1912 MW | L/O | New Scotland – Leeds (94) 345kV |
| (13) | Sugarloaf – Chester (271) 138 kV | @STE 321 MW | L/O | Rock Tavern – Ramapo (77) 345 kV Rock Tavern – Sugarloaf (76) 345 kV Sugarloaf – Ramapo (76) 345 kV Sugarloaf 345/138 kV Transformer |
| (14) | Moses – Adirondack (MA2) 230 kV | @LTE 473 MW | L/O | Moses – Massena (MMS-1) 230 kV Moses – Massena (MMS-2) 230 kV |
| (15) | Moses – Adirondack (MA2) 230 kV | @LTE 473 MW | L/O | Chateauguay – Massena (MSC-7040) 765 kV Massena – Marcy (MSU1) 765 kV and TransÉnergie delivery |
| (16) | Marcy 765/345 kV (AT1) Transformer | @STE 1756 MW | L/O | Marcy 765/345 kV (AT2) Transformer |
| (17) | Moses–Massena (MMS1) 230 kV | @LTE 1593 MW | L/O | Moses–Massena (MMS2) 230 kV |
| (18) | Buchanan North – Buchanan (95891) 138 kV | @LTE 296 MW | L/O | Buchanan – East View (W93) 345 kV |
| (19) | Ramapo – Buchanan (Y94) 345 kV | @LTE 2015 MW | L/O | Pleasant Ville – Dunwoodie (W90) 345 kV Wood St – Pleasant Ville (Y86) 345 kV East Fishkill – Wood Street (F38) 345 kV East Fishkill – Wood Street (F39) 345 kV Wood Street – Pleasant Ville (Y87) 345 kV Wood Street 345/115 kV (1) Transformer |

Appendix H – DISTRIBUTION FACTORS

| Table-1 DISTRIBUTION FACTORS FOR DYSINGER EAST CIRCUITS | | | | | | | | | | | |
|---|-----|-------------|-----|---|-----------|----------------|---------------|------------------|--------------------|---------------|---------------|
| Monitored Element | | | | | Base Flow | TRANSFER | NIAGAR-STA255 | SOMMERSET-STA255 | STOLLE-HIGHSHELDON | LOCKPT-SHEL | LOCKPT-SOUR |
| NIAG 345 | 345 | STATION 255 | 345 | 1 | 140.29 | 36.96% | TRIP | 55.18% | 22.02% | 12.56% | 22.13% |
| SOMERSET345 | 345 | STATION 255 | 345 | 1 | 95.57 | 24.98% | 45.43% | TRIP | 14.88% | 8.49% | 14.96% |
| STOLE230 | 230 | SHLDN230 | 230 | 1 | 39.68 | 12.02% | 8.60% | 7.07% | TRIP | 4.16% | 7.34% |
| PALMT115 | 115 | ANDOVER1 | 115 | 1 | -1.38 | 1.62% | 1.18% | 0.97% | 10.25% | 0.58% | 1.02% |
| LOCKPORT | 115 | SHEL-113 | 115 | 1 | 35.66 | 0.97% | 1.55% | 1.27% | 1.31% | TRIP | 15.21% |
| LOCKPORT | 115 | NAKR-108 | 115 | 1 | 25.92 | 1.05% | 1.68% | 1.38% | 1.43% | 2.68% | 3.76% |
| LOCKPORT | 115 | OAKFLDTP | 115 | 1 | 26.50 | 1.18% | 1.88% | 1.55% | 1.60% | 2.98% | 4.21% |
| LOCKPORT | 115 | SOUR-111 | 115 | 1 | 26.66 | 2.68% | 4.27% | 3.51% | 3.63% | 23.86% | TRIP |
| LOCKPORT | 115 | TELRD107 | 115 | 1 | 43.53 | 1.28% | 2.05% | 1.69% | 1.74% | 8.95% | 6.01% |
| LOCKPORT | 115 | TELRD114 | 115 | 1 | 36.96 | 2.73% | 4.37% | 3.59% | 3.71% | 27.70% | 11.20% |
| SUB-TOTALS | | | | | | 85.48% | 71.01% | 76.19% | 60.57% | 91.95% | 85.81% |
| L33P-L34P | | | | | 0.00 | 0.00% | 10.64% | 8.73% | 8.13% | 2.36% | 4.16% |
| PJM-NYISO | | | | | 781.38 | 14.52% | 18.19% | 14.94% | 31.19% | 5.65% | 9.96% |
| TOTALS | | | | | | 100.00% | 99.84% | 99.87% | 99.88% | 99.96% | 99.92% |

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 | -305.32 | 30.27% | TRIP | 56.83% | 7.68% | 20.80% | 19.91% |
| PANNELL3 | 345 CLAY | 345 2 | -306.28 | 30.37% | 56.91% | TRIP | 7.71% | 20.87% | 19.98% |
| STOLE230 | 230 SHLDN230 | 230 1 | 39.68 | 12.02% | 2.62% | 2.62% | TRIP | 7.26% | 2.07% |
| ANDOVER1 | 115 PALMT115 | 115 1 | -1.38 | 1.62% | 0.30% | 0.30% | 10.25% | 2.14% | 0.46% |
| MORTIMER | 115 LAWLER-1 | 115 1 | 57.02 | 2.53% | 2.68% | 2.68% | 0.77% | 14.22% | 4.20% |
| MORTIMER | 115 LAWLER-2 | 115 1 | 36.35 | 2.61% | 2.93% | 2.94% | 0.69% | 5.89% | 4.73% |
| PANNELLI | 115 FRMGTN-4 | 115 1 | 118.16 | 3.43% | 6.53% | 6.55% | 6.69% | TRIP | 16.89% |
| QUAKER | 115 MACDN115 | 115 1 | 30.13 | 0.33% | 0.51% | 0.51% | 0.28% | 3.28% | 18.74% |
| S121 B#2 | 115 SLEIG115 | 115 1 | 58.17 | 2.75% | 4.01% | 4.02% | 1.22% | 10.83% | TRIP |
| STA 162 | 115 S.PER115 | 115 1 | 8.21 | -0.45% | 2.47% | 2.47% | 25.26% | 4.55% | 2.39% |
| SUB-TOTALS | | | | 85.48% | 78.95% | 78.92% | 60.56% | 89.84% | 89.37% |
| L33P-L34P | | | 0.00 | 0.00% | 7.80% | 7.81% | 8.13% | 2.37% | 3.40% |
| PJM-NYISO | | | 781.38 | 14.52% | 13.12% | 13.14% | 31.19% | 7.78% | 7.18% |
| TOTALS | | | | 100.00% | 99.87% | 99.86% | 99.88% | 99.98% | 99.95% |

Table-3 DISTRIBUTION FACTORS FOR TOTAL EAST CIRCUITS

| Monitored Element | Base Flow | TRANSFER | EDIC34-NSCOT | FRASER-GILBA | MARCY3-NSCOT | WALDWK-SMAWA | PORTER-RTRDM | HOPATCONG-RAMPO | LINDEN-GOETH |
|---------------------------------|-----------|----------------|---------------|---------------|---------------|---------------|---------------|-----------------|---------------|
| COOPC345 345 DOLSON_AVE 345 2 | 234.17 | 16.74% | 6.53% | 17.66% | 6.85% | 0.43% | 3.79% | 4.53% | 1.22% |
| EDIC 345 N.SCOT77 345 1 | 377.15 | 18.12% | TRIP | 19.39% | 32.95% | 0.27% | 13.53% | 3.13% | 2.87% |
| FRASR345 345 GILB 345 345 1 | -134.86 | 17.87% | 23.26% | TRIP | 23.80% | 0.30% | 9.06% | 3.65% | 4.40% |
| MARCY T1 345 N.SCOT99 345 1 | 421.62 | 19.47% | 34.68% | 20.88% | TRIP | 0.29% | 14.32% | 3.36% | 3.10% |
| MDTN TAP 345 ROCK TAV 345 1 | 293.98 | 14.90% | 6.20% | 16.53% | 6.50% | 0.51% | 3.58% | 3.81% | 1.55% |
| WALDWICK 345 SMAHWAH1 345 1 | 32.75 | -0.15% | 2.30% | 2.06% | 2.35% | 91.03% | 1.31% | 29.07% | 21.65% |
| WALDWICK 345 SMAHWAH2 345 1 | -32.77 | 0.15% | 2.24% | 2.11% | 2.29% | TRIP | 1.28% | 28.45% | 20.78% |
| PORTER 2 230 ROTRDM.2 230 1 | 145.53 | 4.40% | 5.25% | 2.93% | 5.28% | 0.06% | 33.59% | 0.69% | 0.66% |
| PORTER 2 230 ROTRDM.2 230 2 | 147.64 | 4.46% | 5.33% | 2.98% | 5.36% | 0.06% | TRIP | 0.70% | 0.67% |
| MDTN TAP 345 SHOEMTAP 138 1 | 219.50 | 2.58% | 0.47% | 1.59% | 0.50% | -0.11% | 0.29% | 1.00% | -0.45% |
| SMAHWAH1 345 SMAH138 138 1 | -95.77 | 0.43% | -0.07% | 0.08% | -0.07% | -3.47% | -0.04% | -0.77% | -1.17% |
| HCOR138 138 CORPORATE DR 138 1 | -35.98 | 0.00% | 0.00% | 0.00% | 0.00% | 0.05% | 0.00% | 0.02% | 0.01% |
| SMAH138 138 RAMP138 138 1 | -54.68 | -0.27% | 0.05% | -0.05% | 0.05% | 2.78% | 0.03% | 0.72% | 0.81% |
| E.SPR115 115 INGHAM-E 115 1 | -35.13 | 1.00% | -0.28% | 2.48% | -0.27% | 0.02% | 1.16% | 0.18% | 0.18% |
| INGMS-CD 115 INGHAM-E 115 1 | 119.93 | 0.00% | 3.45% | 0.57% | 3.47% | 0.03% | 10.35% | 0.35% | 0.32% |
| CUMBERLAND 115 NE_PV20_NY 115 1 | 105.80 | 0.00% | 2.91% | 1.76% | 3.09% | 0.07% | 3.16% | 0.75% | 0.71% |
| W.WDB115 115 W.WDBR69 69.0 1 | 21.52 | 0.47% | 0.45% | 1.08% | 0.47% | 0.00% | 0.32% | 0.04% | 0.18% |
| CLOSTER 69.0 SPARKILL 69.0 1 | 3.00 | 0.04% | 0.01% | 0.03% | 0.01% | 0.04% | 0.01% | 0.00% | 0.05% |
| HCOR69 69.0 WNYA69 69.0 1 | -9.68 | 0.08% | 0.02% | 0.05% | 0.02% | 0.07% | 0.01% | 0.00% | 0.09% |
| MONTVALE 69.0 BLUHILL 69.0 1 | 1.40 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| MONTVALE 69.0 BLUHILL 69.0 2 | 1.40 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| MONTVALE 69.0 L491T 69.0 1 | -16.62 | 0.06% | 0.02% | 0.04% | 0.02% | 0.12% | 0.01% | 0.02% | 0.08% |
| SMAH69 69.0 HILB69 69.0 1 | -14.51 | -0.33% | -0.03% | -0.15% | -0.03% | 0.42% | -0.02% | 0.01% | 0.14% |
| HCOR34 34.5 PEARL34 34.5 1 | -1.21 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | -0.01% |
| SUB-TOTALS | | 100.00% | 92.79% | 92.01% | 92.63% | 92.95% | 95.71% | 79.70% | 57.83% |
| HOPATCONG 500 RAMAPO 5 500 1 | 200.077 | 0.00% | 3.95% | 3.84% | 4.04% | 4.32% | 2.26% | TRIP | 23.24% |
| NEPTCONV 345 NWBRG 345 1 | 375.527 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| G22_VFT345KV 345 COGNTECH 345 1 | 314.351 | 0.00% | 0.65% | 0.83% | 0.67% | 0.57% | 0.39% | 4.19% | 18.69% |
| MARION 345 B3402 PAR1 345 1 | 0 | 0.00% | O/S | O/S | O/S | O/S | O/S | O/S | O/S |
| MARION 345 C3403 PAR2 345 1 | 0 | 0.00% | O/S | O/S | O/S | O/S | O/S | O/S | O/S |
| LINDEN 230 GOETHALS 230 1 | 0.188 | 0.00% | 2.47% | 3.15% | 2.53% | 2.14% | 1.46% | 15.79% | TRIP |
| TOTALS | | 100.00% | 99.86% | 99.83% | 99.86% | 99.97% | 99.81% | 99.69% | 99.76% |

Table-4 DISTRIBUTION FACTORS FOR UPNY-CONED CIRCUITS

| Monitored Element | | | Base Flow | TRANSFER | LADNTW-BUCHS | PLVLLY-E.FISHK | PLVLLY-MILLW | RAMAPO-BUCHN | ROSETN-E.FISHK | LINDEN-GOETH |
|-------------------|----------------|-------|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| LADENTWN | 345 BUCHANAN S | 345 1 | 769.608 | 16.36% | TRIP | -4.03% | 20.12% | 58.14% | 28.59% | 32.17% |
| PLTVLLEY | 345 E FISHKILL | 345 1 | 432.306 | 8.83% | -7.98% | TRIP | 23.86% | -1.07% | 31.98% | 1.00% |
| PLTVLLEY | 345 E FISHKILL | 345 2 | 432.306 | 8.83% | -7.98% | 65.89% | 23.86% | -1.07% | 31.98% | 1.00% |
| PLTVLLEY | 345 MILLWOOD | 345 1 | 879.65 | 16.23% | 14.76% | 8.84% | TRIP | 4.46% | -9.85% | 3.80% |
| PLTVLLEY | 345 WOOD B | 345 1 | 904.379 | 16.04% | 14.28% | 9.23% | 33.82% | 4.41% | -9.53% | 3.78% |
| RAMAPO | 345 BUCHANAN N | 345 1 | 717.54 | 15.13% | 44.10% | -0.41% | 4.61% | TRIP | 16.06% | 22.23% |
| ROSETON | 345 E FISHKILL | 345 1 | 1142.047 | 15.95% | 28.26% | 15.96% | -13.27% | 20.92% | TRIP | 13.68% |
| E FISH I | 115 E FISHKILL | 345 1 | -138.469 | 1.72% | 1.02% | 2.64% | -0.46% | 0.92% | 6.10% | 0.75% |
| E FISH I | 115 E FISHKILL | 345 2 | 0 | 0.00% | O/S | O/S | O/S | O/S | O/S | O/S |
| FISHKILL | 115 SYLVN115 | 115 1 | 93.606 | 0.91% | 0.74% | -0.05% | 0.74% | 0.44% | 0.43% | 0.35% |
| SUB TOTALS | | | | 100.00% | 87.21% | 98.07% | 93.29% | 87.14% | 95.76% | 78.76% |
| MARION | 345 B3402 PAR1 | 345 1 | 0 | 0.00% | O/S | O/S | O/S | O/S | O/S | O/S |
| MARION | 345 C3403 PAR2 | 345 1 | 0 | 0.00% | O/S | O/S | O/S | O/S | O/S | O/S |
| LINDEN | 230 GOETHALS | 230 1 | 0.188 | 0.00% | 9.02% | 0.14% | 1.45% | 8.22% | 3.88% | TRIP |
| G22_VFT345KV | 345 COGNTECH | 345 1 | 314.351 | 0.00% | 2.39% | 0.04% | 0.38% | 2.18% | 1.03% | 18.69% |
| NRTHPT P | 138 NRTHPT1 | 138 1 | 100 | 0.00% | 1.38% | 1.75% | 4.88% | 2.47% | -0.67% | 2.57% |
| TOTALS | | | | 100.00% | 100.01% | 100.00% | 100.00% | 100.01% | 100.00% | 100.01% |

Table-5 DISTRIBUTION FACTORS FOR SPRAINBROOK DUNWOODIE SOUTH CIRCUITS

| Monitored Element | | Base Flow | TRANSFER | DUNWDE-MOTT | SPRAIN-W49TH | SPRAIN-TRMNT | LKSUC-JMAICA | VSTR-KMAICA |
|-------------------|----------------------|-----------|----------------|----------------|----------------|----------------|----------------|----------------|
| REAC71 | 345 MOTT HAVEN 345 3 | 390.85 | 28.55% | TRIP | 24.73% | 6.62% | 12.84% | 12.40% |
| REAC72 | 345 MOTT HAVEN 345 4 | 381.68 | 27.87% | 57.25% | 24.13% | 6.46% | 12.53% | 12.10% |
| REACM51 | 345 W 49 ST 345 1 | 355.77 | 21.79% | 19.05% | TRIP | 8.03% | 10.14% | 10.86% |
| REACM52 | 345 W 49 ST 345 2 | 355.77 | 21.79% | 19.05% | 45.63% | 8.03% | 10.14% | 10.86% |
| SPRAINBROOK | 345 ACADEMY 345 1 | 300.85 | 0.00% | 0.31% | 0.49% | 18.18% | 2.97% | 3.06% |
| SPRAINBROOK | 345 TREMONT 345 1 | 399.99 | 0.00% | 0.38% | 0.59% | TRIP | 3.63% | 3.75% |
| DUN NO1R | 138 S CREEK W 138 1 | 114.69 | 0.00% | 0.23% | 0.20% | 10.28% | 1.72% | 1.75% |
| DUN NO2R | 138 S CREEK E 138 1 | 104.90 | 0.00% | 0.30% | 0.27% | 13.46% | 2.25% | 2.29% |
| DUN SO1R | 138 E179 ST W 138 1 | 189.76 | 0.00% | 0.45% | 0.40% | 20.13% | 3.36% | 3.42% |
| L SUCSPH | 138 JAMAICA 138 1 | 199.56 | 0.00% | 0.73% | 0.75% | 3.63% | TRIP | 37.85% |
| V STRM P | 138 JAMAICA 138 1 | 99.89 | 0.00% | 0.73% | 0.83% | 3.89% | 39.31% | TRIP |
| SUB-TOTALS | | | 100.00% | 98.47% | 98.01% | 98.70% | 98.88% | 98.35% |
| MARION | 345 B3402 PAR1 345 1 | 0.00 | 0.00% | 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 |
| LINDEN | 230 GOETHALS 230 1 | 0.19 | 0.00% | 1.21% | 1.57% | 1.03% | 0.89% | 1.31% |
| G22_VFT345KV | 345 COGNTECH 345 1 | 314.35 | 0.00% | 0.32% | 0.42% | 0.27% | 0.24% | 0.35% |
| TOTALS | | | 100.00% | 100.00% | 100.00% | 100.00% | 100.01% | 100.01% |

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 | 672.60 | 79.51% | 68.22% | TRIP | 69.30% |
| MOSES W | 230 | ADRON B1 | 230 1 | 0.00 | 0.00% | O/S | O/S | O/S |
| MOSES W | 230 | ADRON B2 | 230 1 | 86.36 | 13.13% | 4.64% | 28.04% | TRIP |
| ALCOA-NM | 115 | BRADY | 115 1 | 23.03 | 1.17% | 0.47% | 2.47% | 1.14% |
| ALLENS F | 115 | COLTON | 115 1 | 3.42 | 1.67% | 0.28% | 2.06% | 0.98% |
| DENNISON | 115 | ANDRWS-4 | 115 1 | 18.27 | 2.26% | 0.90% | 4.75% | 2.19% |
| DENNISON | 115 | LWRNCE-B | 115 1 | 17.57 | 2.26% | 0.90% | 4.75% | 2.19% |
| SUB TOTALS | | | | | 100.00% | 75.42% | 42.07% | 75.80% |
| MOSES E | 230 | ST_LAWR_L33P | 230 1 | 0.18 | 0.00% | O/S | O/S | O/S |
| MOSES E | 230 | ST_LAWR_L34P | 230 1 | 0.00 | 0.00% | 20.46% | 42.65% | 17.43% |
| CUMBERLAND | 115 | NE_PV20_NY | 115 1 | 105.80 | 0.00% | 4.10% | 15.26% | 6.77% |
| TOTALS | | | | | 100.00% | 99.97% | 99.98% | 99.99% |

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 | -102.39 | 33.58% | TRIP | 37.52% | 37.44% |
| NE_398_NY | 345 | CKTVLLEY | 345 1 | -11.50 | 53.89% | 49.16% | TRIP | 24.41% |
| NE_E205W_NY | 230 | EASTOVER RD | 230 1 | 125.75 | 8.64% | 16.18% | 8.05% | TRIP |
| NE_K6_NY | 115 | HOOSICK | 115 1 | 2.79 | 2.93% | 7.81% | 2.83% | 19.45% |
| NE_K7_NY | 115 | WHITEHAL | 115 1 | 0.00 | 0.00% | 8.38% | 4.22% | 9.15% |
| NE_PV20_NY | 115 | CUMBERLAND | 115 1 | -105.80 | 0.00% | 7.26% | 5.11% | 3.64% |
| NE_690_NY | 69.0 | SMITHFLD | 69.0 1 | 7.22 | 0.96% | 1.02% | 2.86% | 0.58% |
| NE_601_NY | 138 | NRTHPT P | 138 1 | 33.52 | 0.00% | 3.17% | 12.95% | 1.64% |
| NE_602_NY | 138 | NRTHPT P | 138 2 | 33.42 | 0.00% | 3.16% | 12.92% | 1.64% |
| NE_603_NY | 138 | NRTHPT P | 138 3 | 33.19 | 0.00% | 3.14% | 12.83% | 1.63% |
| SHM DC | 138 | SHOREHAM2 | 138 1 | 329.47 | 0.00% | 0.00% | 0.00% | 0.00% |
| TOTALS | | | | | 100.00% | 99.27% | 99.28% | 99.57% |

Table-8 DISTRIBUTION FACTORS FOR ONTARIO NYISO CIRCUITS

| Monitored Element | Base Flow | TRANSFER | BECK-NIAG301 | BECK-NIAG302 | PA27-NIAGAR | BP76-PACKD2 | STLAWR34-MOSES |
|---------------------------------|-----------|----------------|---------------|---------------|---------------|---------------|----------------|
| BECK_#2_H301 345 NIAG 345 345 1 | 6.85 | 32.83% | TRIP | 56.42% | 31.77% | 34.01% | 21.19% |
| BECK_#2_H302 345 NIAG 345 345 1 | 6.85 | 32.83% | 56.42% | TRIP | 31.77% | 34.01% | 21.19% |
| BECK_#2_BP76 230 PACKARD2 230 1 | 20.27 | 16.45% | 16.78% | 16.78% | TRIP | 25.98% | 10.05% |
| BECK_#2_PA27 230 NIAGAR2W 230 1 | -42.56 | 17.88% | 20.67% | 20.67% | 29.90% | TRIP | 11.05% |
| ST_LAWR_L33P 230 MOSES E 230 1 | 0.00 | 0.00% | O/S | O/S | O/S | O/S | O/S |
| ST_LAWR_L34P 230 MOSES E 230 1 | -0.18 | 0.00% | 2.44% | 2.44% | 2.19% | 2.10% | TRIP |
| SUB-TOTALS | | 100.00% | 96.30% | 96.30% | 95.64% | 96.09% | 63.49% |
| ON-MICH | -0.62 | 0.00% | 3.47% | 3.47% | 4.09% | 3.67% | 33.81% |
| TOTALS | | 100.00% | 99.77% | 99.77% | 99.73% | 99.76% | 97.29% |

Table-9 DISTRIBUTION FACTORS FOR PJM-NYISO CIRCUITS

| Monitored Element | Base Flow | TRANSFER | HOPATCONG-RAMPO | MAIN-WATER | PIERCE-5MILE | WALDWK-SMAWA | E. TOWD-HILLS | ERIE-SRIPLEY | LINDEN-GOETH |
|--------------------------------------|-----------|----------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| HOPATCONG 500 RAMAPO 5 500 1 | 200.08 | 0.00% | TRIP | 10.36% | 8.83% | 4.32% | 9.94% | 7.61% | 23.24% |
| G22_VFT345KV 345 COGNTECH 345 1 | 314.35 | 0.00% | 4.19% | 1.34% | 1.15% | 0.57% | 1.09% | 1.00% | 18.69% |
| MARION 345 B3402 PAR1 345 1 | 0.00 | 0.00% | O/S | O/S | O/S | O/S | O/S | O/S | O/S |
| MARION 345 C3403 PAR2 345 1 | 0.00 | 0.00% | O/S | O/S | O/S | O/S | O/S | O/S | O/S |
| NEPTCONV 345 NWBRG 345 1 | 375.53 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 26MAINESBURG 345 WATRC345 345 1 | 75.07 | 27.58% | 4.11% | TRIP | 17.99% | 0.37% | 26.90% | 8.08% | 2.97% |
| 26HOMER CY 345 NY_HOMER_WAT 345 Z1 | 154.08 | 22.74% | 3.17% | -62.18% | 13.28% | 0.30% | 10.98% | 7.31% | 2.39% |
| 26MAINESBURG 345 NY_MAINESBUR 345 Z1 | -152.83 | -22.74% | -3.17% | 62.18% | -13.28% | -0.30% | -10.98% | -7.31% | -2.39% |
| 26PIERCEBRK 345 5MILE345 345 1 | 75.84 | 24.51% | 2.78% | 14.28% | TRIP | 0.25% | 5.52% | 32.19% | 2.01% |
| 26HOMER CY 345 NY_HOMER_STO 345 Z1 | 136.32 | 15.47% | 1.77% | 10.27% | -54.97% | 0.16% | 0.86% | 11.61% | 1.31% |
| 26PIERCEBRK 345 NY_PIERCEBRK 345 Z1 | -135.51 | -15.47% | -1.77% | -10.27% | 54.97% | -0.16% | -0.86% | -11.61% | -1.31% |
| WALDWICK 345 SMAHWAH1 345 1 | 32.75 | -0.07% | 29.07% | 6.56% | 5.51% | 91.03% | 5.37% | 4.81% | 21.65% |
| WALDWICK 345 SMAHWAH2 345 1 | -32.77 | 0.07% | 28.45% | 6.18% | 5.19% | TRIP | 5.05% | 4.54% | 20.78% |
| 26E.TWANDA 230 HILSD230 230 1 | -144.71 | 22.47% | 4.28% | 29.20% | 7.55% | 0.33% | TRIP | 5.65% | 2.61% |
| 26ERIE E REA 230 S RIPLEY 230 1 | 2.93 | 10.86% | 1.13% | 3.03% | 15.22% | 0.10% | 1.95% | TRIP | 0.83% |
| LINDEN 230 GOETHALS 230 1 | 0.19 | 0.00% | 15.79% | 5.09% | 4.34% | 2.14% | 4.12% | 3.80% | TRIP |
| SMAHWAH1 345 SMAH138 138 1 | -95.77 | 0.19% | -0.77% | -0.52% | -0.43% | -3.47% | -0.44% | -0.37% | -1.17% |
| HCOR138 138 CORPORATE DR 138 1 | -35.98 | 0.00% | 0.02% | 0.00% | 0.00% | 0.05% | 0.00% | 0.00% | 0.01% |
| SMAH138 138 RAMP138 138 1 | -54.68 | -0.12% | 0.72% | 0.35% | 0.28% | 2.78% | 0.29% | 0.25% | 0.81% |
| 26E.SAYRE 115 N.WAV115 115 1 | -45.45 | 7.64% | 1.42% | 8.42% | 2.88% | 0.11% | 23.49% | 1.86% | 0.88% |
| 26LAUREL L 115 WESTOVER115 115 1 | -91.25 | 6.94% | 1.37% | 3.47% | 1.28% | 0.11% | 8.65% | 0.96% | 0.84% |
| 26WARREN 115 FALCONER 115 1 | 0.00 | 0.00% | O/S | O/S | O/S | O/S | O/S | O/S | O/S |
| CLOSTER 69.0 SPARKILL 69.0 1 | 3.00 | 0.02% | 0.00% | 0.00% | 0.00% | 0.04% | 0.00% | 0.00% | 0.05% |
| HCOR69 69.0 WNYA69 69.0 1 | -9.68 | 0.03% | 0.00% | 0.00% | 0.01% | 0.07% | 0.00% | 0.00% | 0.09% |
| MONTVALE 69.0 BLUHILL 69.0 1 | 1.40 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| MONTVALE 69.0 BLUHILL 69.0 2 | 1.40 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| MONTVALE 69.0 L491T 69.0 1 | -16.62 | 0.03% | 0.02% | 0.01% | 0.01% | 0.12% | 0.01% | 0.01% | 0.08% |
| SMAH69 69.0 HILB69 69.0 1 | -14.51 | -0.15% | 0.01% | 0.16% | 0.13% | 0.42% | 0.14% | 0.11% | 0.14% |
| HCOR34 34.5 PEARL34 34.5 1 | -1.21 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | -0.01% |
| SUB-TOTALS | | 100.00% | 92.57% | 87.94% | 69.93% | 99.33% | 92.09% | 70.49% | 94.50% |
| ON-MICH | -0.62 | 0.00% | 6.63% | 11.01% | 27.95% | 0.60% | 7.28% | 27.46% | 4.90% |
| TOTALS | | 100.00% | 99.20% | 98.95% | 97.88% | 99.93% | 99.37% | 97.95% | 99.40% |