

Day Ahead Limiting Constraints

| Time Stamp | Time Zone | Limiting Facility | Facility PTID | Contingency | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|-------------|----------------------|
| 08/03/2022 00:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 4.71 |
| 08/03/2022 01:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 1.06 |
| 08/03/2022 05:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 4.42 |
| 08/03/2022 09:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 2.52 |
| 08/03/2022 11:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 4.32 |
| 08/03/2022 12:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 7.8 |
| 08/03/2022 13:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 12.06 |
| 08/03/2022 14:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 19.92 |
| 08/03/2022 15:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 23.45 |
| 08/03/2022 16:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 31.01 |
| 08/03/2022 17:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 31.52 |
| 08/03/2022 18:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 16.58 |
| 08/03/2022 19:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 0.54 |
| 08/03/2022 00:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 17.25 |
| 08/03/2022 01:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 12.24 |
| 08/03/2022 02:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 4.06 |
| 08/03/2022 03:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 1.01 |
| 08/03/2022 05:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 6.36 |
| 08/03/2022 06:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 5.08 |
| 08/03/2022 07:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 3.05 |
| 08/03/2022 08:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 6.6 |
| 08/03/2022 09:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 4.24 |
| 08/03/2022 10:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 13.91 |
| 08/03/2022 11:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 16.42 |
| 08/03/2022 12:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 17.74 |
| 08/03/2022 13:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 18.82 |
| 08/03/2022 14:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 23.54 |
| 08/03/2022 15:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 39.51 |
| 08/03/2022 16:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 44.08 |
| 08/03/2022 17:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 51.93 |
| 08/03/2022 18:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 31.79 |
| 08/03/2022 19:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 14.87 |
| 08/03/2022 21:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 0.06 |
| 08/03/2022 01:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 0.16 |
| 08/03/2022 09:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 1.13 |
| 08/03/2022 10:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 3.24 |
| 08/03/2022 11:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 1.71 |
| 08/03/2022 12:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 1.26 |
| 08/03/2022 13:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 0.02 |
| 08/03/2022 14:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 1.35 |
| 08/03/2022 16:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 1.4 |
| 08/03/2022 21:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 0.06 |
| 08/03/2022 22:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 1.59 |
| 08/03/2022 23:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 5.64 |
| 08/03/2022 23:00 | EDT | ASTORIAW 138 HELLGATE 138 1 | 25210 | BASE CASE | 0.02 |
| 08/03/2022 09:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 8.99 |
| 08/03/2022 10:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 4.53 |
| 08/03/2022 11:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 2.62 |
| 08/03/2022 12:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 1.6 |
| 08/03/2022 09:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289 | BASE CASE | 14.54 |
| 08/03/2022 10:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289 | BASE CASE | 7.23 |
| 08/03/2022 11:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289 | BASE CASE | 4.18 |
| 08/03/2022 00:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 08/03/2022 01:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 08/03/2022 02:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 08/03/2022 03:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 08/03/2022 04:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 08/03/2022 05:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 08/03/2022 06:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.02 |
| 08/03/2022 07:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.02 |
| 08/03/2022 08:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.02 |
| 08/03/2022 09:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 3.44 |
| 08/03/2022 10:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 28.87 |

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| 08/03/2022 11:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 21.83 |
| 08/03/2022 12:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 10.3 |
| 08/03/2022 15:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.02 |
| 08/03/2022 16:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.53 |
| 08/03/2022 17:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.72 |
| 08/03/2022 18:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.13 |
| 08/03/2022 22:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.94 |
| 08/03/2022 13:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25320 | BASE CASE | 0.02 |
| 08/03/2022 14:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25320 | BASE CASE | 0.02 |
| 08/03/2022 19:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25320 | BASE CASE | 0.02 |
| 08/03/2022 20:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25320 | BASE CASE | 0.02 |
| 08/03/2022 21:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25320 | BASE CASE | 0.02 |
| 08/03/2022 12:00 | EDT | ASTORIAE 138 HELLGATE 138 1 | 25324 | BASE CASE | -2.54 |
| 08/03/2022 10:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -26.93 |
| 08/03/2022 16:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -0.02 |
| 08/03/2022 17:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -0.02 |
| 08/03/2022 22:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -0.9 |
| 08/03/2022 18:00 | EDT | NIAGB130 115 PACKARD 115 1 | 26055 | BASE CASE | -0.1 |
| 08/03/2022 12:00 | EDT | ELWOOD 69 PULASKLI 69 1 | 26610 | BASE CASE | 0.15 |
| 08/03/2022 17:00 | EDT | NRTHPORT 138 PILGRIM 138 2 | 25308 | BUS:NPRT 672&NNC&601&602&603 | 17.29 |
| 08/03/2022 18:00 | EDT | NRTHPORT 138 PILGRIM 138 2 | 25308 | BUS:NPRT 672&NNC&601&602&603 | 10.17 |
| 08/03/2022 00:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 0.43 |
| 08/03/2022 01:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 15.8 |
| 08/03/2022 02:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 25.34 |
| 08/03/2022 03:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 29.13 |
| 08/03/2022 04:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 10.92 |
| 08/03/2022 06:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 40.65 |
| 08/03/2022 07:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 80.07 |
| 08/03/2022 08:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 53.14 |
| 08/03/2022 09:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 45.46 |
| 08/03/2022 17:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 1.41 |
| 08/03/2022 18:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 124.36 |
| 08/03/2022 19:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 152.12 |
| 08/03/2022 20:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 46.55 |
| 08/03/2022 21:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 27.15 |
| 08/03/2022 22:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 71.27 |
| 08/03/2022 23:00 | EDT | PORTER 230 ROTTRDAM 230 1 | 25173 | BUS:NSCTLD#77 14&2&93&BK2&C1&3 | 108.58 |
| 08/03/2022 00:00 | EDT | BRENTWOD 69 PILGRIM 69 3 | 26534 | BUS:PILGRIM_660_765&BK3 | -0.09 |
| 08/03/2022 01:00 | EDT | BRENTWOD 69 PILGRIM 69 3 | 26534 | BUS:PILGRIM_660_765&BK3 | -0.09 |
| 08/03/2022 10:00 | EDT | BRENTWOD 69 PILGRIM 69 3 | 26534 | BUS:PILGRIM_660_765&BK3 | -0.09 |
| 08/03/2022 11:00 | EDT | BRENTWOD 69 PILGRIM 69 3 | 26534 | BUS:PILGRIM_660_765&BK3 | -0.09 |
| 08/03/2022 20:00 | EDT | BRENTWOD 69 PILGRIM 69 3 | 26534 | BUS:PILGRIM_660_765&BK3 | -42.97 |
| 08/03/2022 22:00 | EDT | BRENTWOD 69 PILGRIM 69 3 | 26534 | BUS:PILGRIM_660_765&BK3 | -0.09 |
| 08/03/2022 23:00 | EDT | BRENTWOD 69 PILGRIM 69 3 | 26534 | BUS:PILGRIM_660_765&BK3 | -0.09 |
| 08/03/2022 13:00 | EDT | ELWOOD 69 PULASKLI 69 1 | 26610 | BUS:PORTJEFF_876_877&BK7&GENS | 15.54 |
| 08/03/2022 14:00 | EDT | ELWOOD 69 PULASKLI 69 1 | 26610 | BUS:PORTJEFF_876_877&BK7&GENS | 350.0 |
| 08/03/2022 15:00 | EDT | ELWOOD 69 PULASKLI 69 1 | 26610 | BUS:PORTJEFF_876_877&BK7&GENS | 863.07 |
| 08/03/2022 16:00 | EDT | ELWOOD 69 PULASKLI 69 1 | 26610 | BUS:PORTJEFF_876_877&BK7&GENS | 983.89 |
| 08/03/2022 17:00 | EDT | ELWOOD 69 PULASKLI 69 1 | 26610 | BUS:PORTJEFF_876_877&BK7&GENS | 1175.0 |
| 08/03/2022 18:00 | EDT | ELWOOD 69 PULASKLI 69 1 | 26610 | BUS:PORTJEFF_876_877&BK7&GENS | 822.19 |
| 08/03/2022 19:00 | EDT | ELWOOD 69 PULASKLI 69 1 | 26610 | BUS:PORTJEFF_876_877&BK7&GENS | 0.21 |
| 08/03/2022 20:00 | EDT | COLTON 115 FLATROCK 115 1 | 26088 | COLTON__HIGLEY__115_1 | 174.6 |
| 08/03/2022 21:00 | EDT | COLTON 115 FLATROCK 115 1 | 26088 | COLTON__HIGLEY__115_1 | 350.0 |
| 08/03/2022 22:00 | EDT | COLTON 115 FLATROCK 115 1 | 26088 | COLTON__HIGLEY__115_1 | 255.09 |
| 08/03/2022 13:00 | EDT | HAUPPAUG 138 PILGRIM 138 1 | 25550 | CSC HVDC TIE LINE | -0.6 |

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| 08/03/2022 14:00 | EDT | HAUPPAUG 138 PILGRIM 138 1 | 25550 | CSC HVDC TIE LINE | -13.6 |
| 08/03/2022 15:00 | EDT | HAUPPAUG 138 PILGRIM 138 1 | 25550 | CSC HVDC TIE LINE | -33.55 |
| 08/03/2022 16:00 | EDT | HAUPPAUG 138 PILGRIM 138 1 | 25550 | CSC HVDC TIE LINE | -38.25 |
| 08/03/2022 17:00 | EDT | HAUPPAUG 138 PILGRIM 138 1 | 25550 | CSC HVDC TIE LINE | -45.68 |
| 08/03/2022 18:00 | EDT | HAUPPAUG 138 PILGRIM 138 1 | 25550 | CSC HVDC TIE LINE | -31.96 |
| 08/03/2022 20:00 | EDT | HAUPPAUG 138 PILGRIM 138 1 | 25550 | CSC HVDC TIE LINE | -3.69 |
| 08/03/2022 21:00 | EDT | ELWOOD 69 PULASKI 69 1 | 26610 | CSC HVDC TIE LINE | 0.15 |
| 08/03/2022 09:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | DUNWODIE-MOTTHAVN_345_72 | -19.43 |
| 08/03/2022 10:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | DUNWODIE-MOTTHAVN_345_72 | -10.33 |
| 08/03/2022 11:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | DUNWODIE-MOTTHAVN_345_72 | -5.94 |
| 08/03/2022 12:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | DUNWODIE-MOTTHAVN_345_72 | -3.65 |
| 08/03/2022 22:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | DUNWODIE-MOTTHAVN_345_72 | -0.3 |
| 08/03/2022 17:00 | EDT | GREENBSH 115 REGENRON 115 1 | 327081 | N.SCTLND-ALPS____345_2 | 4.62 |
| 08/03/2022 15:00 | EDT | NRTHPORT 138 PILGRIM 138 3 | 25309 | NRTHPORT-PILGRIM__138_677 | 49.52 |
| 08/03/2022 16:00 | EDT | NRTHPORT 138 PILGRIM 138 3 | 25309 | NRTHPORT-PILGRIM__138_677 | 56.45 |
| 08/03/2022 13:00 | EDT | NRTHPORT 138 PILGRIM 138 2 | 25308 | NRTHPORT-PILGRIM__138_679 | 0.88 |
| 08/03/2022 14:00 | EDT | NRTHPORT 138 PILGRIM 138 2 | 25308 | NRTHPORT-PILGRIM__138_679 | 20.07 |
| 08/03/2022 17:00 | EDT | NRTHPORT 138 PILGRIM 138 2 | 25308 | NRTHPORT-PILGRIM__138_679 | 42.69 |
| 08/03/2022 18:00 | EDT | NRTHPORT 138 PILGRIM 138 2 | 25308 | NRTHPORT-PILGRIM__138_679 | 32.63 |
| 08/03/2022 16:00 | EDT | GOETHALS 345 GOWANUS 345 2 | 25571 | SCB:GOETH(5):25&R25&A2253&BK1 | 0.25 |
| 08/03/2022 17:00 | EDT | GOETHALS 345 GOWANUS 345 2 | 25571 | SCB:GOETH(5):25&R25&A2253&BK1 | 0.35 |
| 08/03/2022 11:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | SCB:GOWANUS(22):42231&G27&BEC | -20.69 |
| 08/03/2022 12:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | SCB:GOWANUS(22):42231&G27&BEC | -9.6 |
| 08/03/2022 18:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | SCB:GOWANUS(22):42231&G27&BEC | -0.11 |
| 08/03/2022 00:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 0.02 |
| 08/03/2022 01:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 0.32 |
| 08/03/2022 09:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 3.91 |
| 08/03/2022 10:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 7.12 |
| 08/03/2022 11:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 3.8 |
| 08/03/2022 12:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 2.74 |
| 08/03/2022 13:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 0.06 |
| 08/03/2022 14:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 2.59 |
| 08/03/2022 16:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 2.69 |
| 08/03/2022 22:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 3.07 |
| 08/03/2022 23:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 10.76 |