

Day Ahead Limiting Constraints

| Time Stamp | Time Zone | Limiting Facility | Facility PTID | Contingency | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|-------------|----------------------|
| 03/29/2018 17:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -0.98 |
| 03/29/2018 18:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -2.54 |
| 03/29/2018 00:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 3.74 |
| 03/29/2018 01:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 0.63 |
| 03/29/2018 02:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 0.65 |
| 03/29/2018 03:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 2.43 |
| 03/29/2018 04:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 2.86 |
| 03/29/2018 19:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 0.63 |
| 03/29/2018 20:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 5.85 |
| 03/29/2018 21:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 0.97 |
| 03/29/2018 22:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 4.95 |
| 03/29/2018 23:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 12.21 |
| 03/29/2018 10:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 2.56 |
| 03/29/2018 11:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 0.22 |
| 03/29/2018 13:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 0.15 |
| 03/29/2018 14:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 0.43 |
| 03/29/2018 15:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 0.83 |
| 03/29/2018 16:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 1.87 |
| 03/29/2018 19:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 1.44 |
| 03/29/2018 20:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 1.96 |
| 03/29/2018 21:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 5.06 |
| 03/29/2018 07:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -2.5 |
| 03/29/2018 08:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -6.76 |
| 03/29/2018 09:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -8.51 |
| 03/29/2018 10:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -7.68 |
| 03/29/2018 11:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -8.85 |
| 03/29/2018 12:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -12.38 |
| 03/29/2018 13:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -14.86 |
| 03/29/2018 14:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -17.86 |
| 03/29/2018 15:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -18.47 |
| 03/29/2018 16:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -17.47 |
| 03/29/2018 17:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -17.57 |
| 03/29/2018 18:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -13.03 |
| 03/29/2018 19:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -2.67 |
| 03/29/2018 20:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -9.26 |
| 03/29/2018 21:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | BASE CASE | -14.71 |
| 03/29/2018 00:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 4.97 |
| 03/29/2018 06:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 0.92 |
| 03/29/2018 07:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 1.4 |
| 03/29/2018 08:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 3.88 |
| 03/29/2018 09:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 4.8 |
| 03/29/2018 10:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 4.37 |
| 03/29/2018 11:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 4.97 |
| 03/29/2018 12:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 7.07 |
| 03/29/2018 13:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 8.53 |
| 03/29/2018 14:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 10.23 |
| 03/29/2018 15:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 10.63 |
| 03/29/2018 16:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 10.1 |
| 03/29/2018 17:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 10.22 |
| 03/29/2018 18:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 7.63 |
| 03/29/2018 19:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 1.44 |
| 03/29/2018 20:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 5.29 |
| 03/29/2018 21:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 8.55 |
| 03/29/2018 22:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 1.56 |
| 03/29/2018 23:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288 | BASE CASE | 3.54 |
| 03/29/2018 00:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289 | BASE CASE | 9.73 |
| 03/29/2018 01:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289 | BASE CASE | 0.02 |
| 03/29/2018 06:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289 | BASE CASE | 1.79 |
| 03/29/2018 10:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289 | BASE CASE | 2.85 |
| 03/29/2018 18:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289 | BASE CASE | 2.42 |
| 03/29/2018 07:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 2.15 |
| 03/29/2018 08:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 6.06 |
| 03/29/2018 09:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 7.47 |

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| 03/29/2018 11:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 3.17 |
| 03/29/2018 12:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 3.53 |
| 03/29/2018 13:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 4.89 |
| 03/29/2018 14:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 9.29 |
| 03/29/2018 15:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 10.08 |
| 03/29/2018 16:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 9.85 |
| 03/29/2018 17:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 10.3 |
| 03/29/2018 19:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 2.21 |
| 03/29/2018 20:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 8.25 |
| 03/29/2018 21:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 7.64 |
| 03/29/2018 22:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 3.06 |
| 03/29/2018 23:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290 | BASE CASE | 6.93 |
| 03/29/2018 10:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292 | BASE CASE | -5.82 |
| 03/29/2018 11:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292 | BASE CASE | -6.71 |
| 03/29/2018 12:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292 | BASE CASE | -11.08 |
| 03/29/2018 13:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292 | BASE CASE | -12.46 |
| 03/29/2018 14:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292 | BASE CASE | -9.89 |
| 03/29/2018 15:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292 | BASE CASE | -9.66 |
| 03/29/2018 16:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292 | BASE CASE | -8.82 |
| 03/29/2018 17:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292 | BASE CASE | -8.48 |
| 03/29/2018 18:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292 | BASE CASE | -14.13 |
| 03/29/2018 21:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292 | BASE CASE | -8.51 |
| 03/29/2018 00:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.17 |
| 03/29/2018 06:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.02 |
| 03/29/2018 07:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.5 |
| 03/29/2018 08:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.37 |
| 03/29/2018 09:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.73 |
| 03/29/2018 10:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.56 |
| 03/29/2018 11:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.8 |
| 03/29/2018 12:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 2.52 |
| 03/29/2018 13:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 3.03 |
| 03/29/2018 14:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 3.64 |
| 03/29/2018 15:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 3.77 |
| 03/29/2018 16:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 3.56 |
| 03/29/2018 17:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 3.58 |
| 03/29/2018 18:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 2.65 |
| 03/29/2018 19:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.53 |
| 03/29/2018 20:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.88 |
| 03/29/2018 21:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 3.0 |
| 03/29/2018 22:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.04 |
| 03/29/2018 23:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.11 |
| 03/29/2018 00:00 | EDT | SCH - HQ_CEDARS | 325274 | BASE CASE | 5.41 |
| 03/29/2018 01:00 | EDT | SCH - HQ_CEDARS | 325274 | BASE CASE | 5.62 |
| 03/29/2018 02:00 | EDT | SCH - HQ_CEDARS | 325274 | BASE CASE | 5.23 |
| 03/29/2018 03:00 | EDT | SCH - HQ_CEDARS | 325274 | BASE CASE | 5.36 |
| 03/29/2018 04:00 | EDT | SCH - HQ_CEDARS | 325274 | BASE CASE | 5.35 |
| 03/29/2018 05:00 | EDT | SCH - HQ_CEDARS | 325274 | BASE CASE | 9.67 |
| 03/29/2018 17:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 1.47 |
| 03/29/2018 18:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 4.1 |
| 03/29/2018 00:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | SCB:E13TH(2):M55&46&BK12+13 | -5.48 |
| 03/29/2018 06:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | SCB:E13TH(2):M55&46&BK12+13 | -1.07 |
| 03/29/2018 22:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | SCB:E13TH(2):M55&46&BK12+13 | -1.7 |
| 03/29/2018 23:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | SCB:E13TH(2):M55&46&BK12+13 | -3.81 |
| 03/29/2018 09:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 12.15 |
| 03/29/2018 10:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 38.88 |
| 03/29/2018 11:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 17.3 |
| 03/29/2018 12:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 9.7 |
| 03/29/2018 13:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 9.81 |
| 03/29/2018 14:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 16.48 |
| 03/29/2018 15:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 18.02 |
| 03/29/2018 16:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 25.33 |
| 03/29/2018 17:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 14.9 |
| 03/29/2018 18:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 42.63 |
| 03/29/2018 19:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 26.85 |
| 03/29/2018 20:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 31.54 |
| 03/29/2018 21:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 59.36 |
| 03/29/2018 00:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 2.61 |
| 03/29/2018 01:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 3.18 |
| 03/29/2018 02:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 2.69 |

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| 03/29/2018 03:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 1.57 |
| 03/29/2018 04:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 0.87 |
| 03/29/2018 05:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 1.21 |
| 03/29/2018 06:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 1.53 |
| 03/29/2018 07:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 1.49 |
| 03/29/2018 08:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 1.68 |
| 03/29/2018 09:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 3.64 |
| 03/29/2018 10:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 2.7 |
| 03/29/2018 11:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 4.24 |
| 03/29/2018 12:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 3.55 |
| 03/29/2018 13:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 3.39 |
| 03/29/2018 14:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 4.46 |
| 03/29/2018 15:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 3.82 |
| 03/29/2018 16:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 2.57 |
| 03/29/2018 17:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 1.3 |
| 03/29/2018 19:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 2.45 |
| 03/29/2018 20:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 2.83 |
| 03/29/2018 21:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 1.37 |
| 03/29/2018 22:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 0.62 |
| 03/29/2018 23:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 0.39 |