

# Day Ahead Limiting Constraints

| Time Stamp       | Time Zone | Limiting Facility           | Facility PTID | Contingency | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|-------------|----------------------|
| 03/30/2018 06:00 | EDT       | SCH - NE - NY               | 23318         | BASE CASE   | -2.16                |
| 03/30/2018 07:00 | EDT       | SCH - NE - NY               | 23318         | BASE CASE   | -2.35                |
| 03/30/2018 08:00 | EDT       | SCH - NE - NY               | 23318         | BASE CASE   | -2.89                |
| 03/30/2018 09:00 | EDT       | SCH - NE - NY               | 23318         | BASE CASE   | -2.47                |
| 03/30/2018 10:00 | EDT       | SCH - NE - NY               | 23318         | BASE CASE   | -1.8                 |
| 03/30/2018 11:00 | EDT       | SCH - NE - NY               | 23318         | BASE CASE   | -1.62                |
| 03/30/2018 20:00 | EDT       | SCH - NE - NY               | 23318         | BASE CASE   | -0.03                |
| 03/30/2018 21:00 | EDT       | SCH - NE - NY               | 23318         | BASE CASE   | -0.1                 |
| 03/30/2018 06:00 | EDT       | SCH - HQ - NY               | 23324         | BASE CASE   | 3.38                 |
| 03/30/2018 07:00 | EDT       | SCH - HQ - NY               | 23324         | BASE CASE   | 3.32                 |
| 03/30/2018 08:00 | EDT       | SCH - HQ - NY               | 23324         | BASE CASE   | 3.01                 |
| 03/30/2018 09:00 | EDT       | SCH - HQ - NY               | 23324         | BASE CASE   | 4.52                 |
| 03/30/2018 10:00 | EDT       | SCH - HQ - NY               | 23324         | BASE CASE   | 5.21                 |
| 03/30/2018 11:00 | EDT       | SCH - HQ - NY               | 23324         | BASE CASE   | 3.91                 |
| 03/30/2018 12:00 | EDT       | SCH - HQ - NY               | 23324         | BASE CASE   | 1.72                 |
| 03/30/2018 13:00 | EDT       | SCH - HQ - NY               | 23324         | BASE CASE   | 0.21                 |
| 03/30/2018 00:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 13.16                |
| 03/30/2018 01:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 12.63                |
| 03/30/2018 02:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 10.78                |
| 03/30/2018 03:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 12.24                |
| 03/30/2018 04:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 13.16                |
| 03/30/2018 05:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 6.7                  |
| 03/30/2018 10:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 0.08                 |
| 03/30/2018 11:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 2.01                 |
| 03/30/2018 12:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 6.09                 |
| 03/30/2018 13:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 6.98                 |
| 03/30/2018 14:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 5.14                 |
| 03/30/2018 15:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 5.56                 |
| 03/30/2018 16:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 4.3                  |
| 03/30/2018 17:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 7.88                 |
| 03/30/2018 18:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 7.34                 |
| 03/30/2018 19:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 5.03                 |
| 03/30/2018 20:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 0.27                 |
| 03/30/2018 22:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 1.73                 |
| 03/30/2018 23:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 6.33                 |
| 03/30/2018 07:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -3.53                |
| 03/30/2018 08:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -0.18                |
| 03/30/2018 09:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -11.23               |
| 03/30/2018 10:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -10.3                |
| 03/30/2018 11:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -13.55               |
| 03/30/2018 12:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -11.11               |
| 03/30/2018 13:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -14.82               |
| 03/30/2018 14:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -16.34               |
| 03/30/2018 15:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -17.2                |
| 03/30/2018 16:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -19.17               |
| 03/30/2018 17:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -11.4                |
| 03/30/2018 18:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -10.81               |
| 03/30/2018 19:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -5.5                 |
| 03/30/2018 20:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -9.29                |
| 03/30/2018 21:00 | EDT       | MOTTHAVN 345 DUNWODIE 345 1 | 25151         | BASE CASE   | -13.87               |
| 03/30/2018 00:00 | EDT       | E179THST 138 HELLGATE 138 1 | 25288         | BASE CASE   | 3.45                 |
| 03/30/2018 01:00 | EDT       | E179THST 138 HELLGATE 138 1 | 25288         | BASE CASE   | 0.58                 |
| 03/30/2018 06:00 | EDT       | E179THST 138 HELLGATE 138 1 | 25288         | BASE CASE   | 1.19                 |
| 03/30/2018 07:00 | EDT       | E179THST 138 HELLGATE 138 1 | 25288         | BASE CASE   | 4.15                 |
| 03/30/2018 08:00 | EDT       | E179THST 138 HELLGATE 138 1 | 25288         | BASE CASE   | 5.63                 |
| 03/30/2018 09:00 | EDT       | E179THST 138 HELLGATE 138 1 | 25288         | BASE CASE   | 6.58                 |
| 03/30/2018 10:00 | EDT       | E179THST 138 HELLGATE 138 1 | 25288         | BASE CASE   | 6.04                 |
| 03/30/2018 11:00 | EDT       | E179THST 138 HELLGATE 138 1 | 25288         | BASE CASE   | 7.94                 |
| 03/30/2018 12:00 | EDT       | E179THST 138 HELLGATE 138 1 | 25288         | BASE CASE   | 6.51                 |
| 03/30/2018 13:00 | EDT       | E179THST 138 HELLGATE 138 1 | 25288         | BASE CASE   | 8.68                 |
| 03/30/2018 14:00 | EDT       | E179THST 138 HELLGATE 138 1 | 25288         | BASE CASE   | 9.57                 |
| 03/30/2018 15:00 | EDT       | E179THST 138 HELLGATE 138 1 | 25288         | BASE CASE   | 10.08                |
| 03/30/2018 16:00 | EDT       | E179THST 138 HELLGATE 138 1 | 25288         | BASE CASE   | 11.23                |

|                  |     |                             |        |                             |        |
|------------------|-----|-----------------------------|--------|-----------------------------|--------|
| 03/30/2018 17:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288  | BASE CASE                   | 6.68   |
| 03/30/2018 18:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288  | BASE CASE                   | 6.33   |
| 03/30/2018 19:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288  | BASE CASE                   | 3.23   |
| 03/30/2018 20:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288  | BASE CASE                   | 5.44   |
| 03/30/2018 21:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288  | BASE CASE                   | 8.13   |
| 03/30/2018 22:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288  | BASE CASE                   | 4.83   |
| 03/30/2018 23:00 | EDT | E179THST 138 HELLGATE 138 1 | 25288  | BASE CASE                   | 0.92   |
| 03/30/2018 00:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289  | BASE CASE                   | 6.75   |
| 03/30/2018 01:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289  | BASE CASE                   | 1.15   |
| 03/30/2018 02:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289  | BASE CASE                   | 0.02   |
| 03/30/2018 03:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289  | BASE CASE                   | 0.02   |
| 03/30/2018 06:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289  | BASE CASE                   | 2.32   |
| 03/30/2018 11:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289  | BASE CASE                   | 11.49  |
| 03/30/2018 16:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289  | BASE CASE                   | 14.64  |
| 03/30/2018 18:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289  | BASE CASE                   | 2.7    |
| 03/30/2018 20:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289  | BASE CASE                   | 2.47   |
| 03/30/2018 22:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289  | BASE CASE                   | 9.46   |
| 03/30/2018 23:00 | EDT | E179THST 138 HELLGATE 138 1 | 25289  | BASE CASE                   | 1.8    |
| 03/30/2018 07:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290  | BASE CASE                   | 7.35   |
| 03/30/2018 08:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290  | BASE CASE                   | 10.99  |
| 03/30/2018 09:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290  | BASE CASE                   | 10.38  |
| 03/30/2018 10:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290  | BASE CASE                   | 9.52   |
| 03/30/2018 12:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290  | BASE CASE                   | 7.8    |
| 03/30/2018 13:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290  | BASE CASE                   | 7.76   |
| 03/30/2018 14:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290  | BASE CASE                   | 9.61   |
| 03/30/2018 15:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290  | BASE CASE                   | 13.19  |
| 03/30/2018 17:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290  | BASE CASE                   | 2.43   |
| 03/30/2018 21:00 | EDT | E179THST 138 HELLGATE 138 1 | 25290  | BASE CASE                   | 8.66   |
| 03/30/2018 11:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292  | BASE CASE                   | -1.46  |
| 03/30/2018 12:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292  | BASE CASE                   | -3.59  |
| 03/30/2018 13:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292  | BASE CASE                   | -8.69  |
| 03/30/2018 14:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292  | BASE CASE                   | -8.04  |
| 03/30/2018 15:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292  | BASE CASE                   | -3.91  |
| 03/30/2018 16:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292  | BASE CASE                   | -4.43  |
| 03/30/2018 17:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292  | BASE CASE                   | -11.9  |
| 03/30/2018 18:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292  | BASE CASE                   | -10.69 |
| 03/30/2018 19:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292  | BASE CASE                   | -7.47  |
| 03/30/2018 20:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25292  | BASE CASE                   | -8.98  |
| 03/30/2018 21:00 | EDT | FARRAGUT 138 HUDS_AVE 138 1 | 25293  | BASE CASE                   | -6.13  |
| 03/30/2018 00:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319  | BASE CASE                   | 0.11   |
| 03/30/2018 06:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319  | BASE CASE                   | 0.03   |
| 03/30/2018 07:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319  | BASE CASE                   | 0.78   |
| 03/30/2018 12:00 | EDT | SCH - NPX_1385              | 325277 | BASE CASE                   | 0.47   |
| 03/30/2018 17:00 | EDT | SCH - NPX_1385              | 325277 | BASE CASE                   | 0.25   |
| 03/30/2018 20:00 | EDT | SCH - NPX_1385              | 325277 | BASE CASE                   | 0.55   |
| 03/30/2018 21:00 | EDT | SCH - NPX_1385              | 325277 | BASE CASE                   | 0.31   |
| 03/30/2018 08:00 | EDT | NYCA ACTIVE DNI             | 990    | ACTIVE DNI                  | 2.89   |
| 03/30/2018 09:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE       | 0.45   |
| 03/30/2018 10:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE       | 4.05   |
| 03/30/2018 11:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE       | 4.89   |
| 03/30/2018 12:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE       | 2.21   |
| 03/30/2018 13:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE       | 0.59   |
| 03/30/2018 14:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE       | 0.65   |
| 03/30/2018 15:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE       | 0.69   |
| 03/30/2018 16:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE       | 0.77   |
| 03/30/2018 17:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE       | 1.45   |
| 03/30/2018 18:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE       | 3.78   |
| 03/30/2018 19:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE       | 4.67   |
| 03/30/2018 20:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE       | 5.05   |
| 03/30/2018 21:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE       | 2.57   |
| 03/30/2018 00:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151  | SCB:E13TH(2):M55&46&BK12+13 | -3.7   |
| 03/30/2018 01:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151  | SCB:E13TH(2):M55&46&BK12+13 | -0.63  |
| 03/30/2018 06:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151  | SCB:E13TH(2):M55&46&BK12+13 | -1.28  |
| 03/30/2018 07:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151  | SCB:E13TH(2):M55&46&BK12+13 | -2.26  |
| 03/30/2018 08:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151  | SCB:E13TH(2):M55&46&BK12+13 | -5.93  |
| 03/30/2018 22:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151  | SCB:E13TH(2):M55&46&BK12+13 | -5.18  |
| 03/30/2018 23:00 | EDT | MOTTHAVN 345 DUNWODIE 345 1 | 25151  | SCB:E13TH(2):M55&46&BK12+13 | -0.99  |
| 03/30/2018 10:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244  | SCB:NEWBRDG 1380 461&BK6+4  | 43.39  |
| 03/30/2018 11:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244  | SCB:NEWBRDG 1380 461&BK6+4  | 51.79  |

|                  |     |                             |       |                               |       |
|------------------|-----|-----------------------------|-------|-------------------------------|-------|
| 03/30/2018 12:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4    | 21.07 |
| 03/30/2018 17:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4    | 11.84 |
| 03/30/2018 18:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4    | 39.97 |
| 03/30/2018 19:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4    | 53.09 |
| 03/30/2018 20:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4    | 55.77 |
| 03/30/2018 21:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4    | 24.08 |
| 03/30/2018 02:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 0.02  |
| 03/30/2018 07:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49&M29&Y49_ST | 0.41  |