

# Day Ahead Limiting Constraints

| Time Stamp       | Time Zone | Limiting Facility           | Facility PTID | Contingency           | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|-----------------------|----------------------|
| 04/17/2021 00:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 41.67                |
| 04/17/2021 01:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 35.55                |
| 04/17/2021 02:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 34.9                 |
| 04/17/2021 03:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 34.21                |
| 04/17/2021 04:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 37.63                |
| 04/17/2021 05:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 38.58                |
| 04/17/2021 06:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 43.39                |
| 04/17/2021 07:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 43.56                |
| 04/17/2021 08:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 45.03                |
| 04/17/2021 09:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 40.42                |
| 04/17/2021 10:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 32.96                |
| 04/17/2021 11:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 28.92                |
| 04/17/2021 12:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 30.35                |
| 04/17/2021 13:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 30.86                |
| 04/17/2021 14:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 29.59                |
| 04/17/2021 15:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 31.2                 |
| 04/17/2021 16:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 33.31                |
| 04/17/2021 17:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 43.1                 |
| 04/17/2021 18:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 54.49                |
| 04/17/2021 19:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 59.82                |
| 04/17/2021 20:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 59.38                |
| 04/17/2021 21:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 42.81                |
| 04/17/2021 22:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 36.26                |
| 04/17/2021 23:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE             | 35.28                |
| 04/17/2021 01:00 | EDT       | EGRDNCTY 138 VALLYSTR 138 2 | 25244         | BASE CASE             | 0.36                 |
| 04/17/2021 02:00 | EDT       | EGRDNCTY 138 VALLYSTR 138 2 | 25244         | BASE CASE             | 0.34                 |
| 04/17/2021 13:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE             | 0.02                 |
| 04/17/2021 00:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE             | 0.79                 |
| 04/17/2021 05:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE             | 1.21                 |
| 04/17/2021 06:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE             | 2.41                 |
| 04/17/2021 14:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE             | 0.45                 |
| 04/17/2021 15:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE             | 0.06                 |
| 04/17/2021 18:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE             | 2.18                 |
| 04/17/2021 19:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE             | 8.85                 |
| 04/17/2021 20:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE             | 12.08                |
| 04/17/2021 21:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE             | 8.28                 |
| 04/17/2021 22:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE             | 4.52                 |
| 04/17/2021 23:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE             | 2.0                  |
| 04/17/2021 00:00 | EDT       | GLENWOOD 138 SHORE_RD 138 1 | 25205         | NEPTUNE HVDC TIE LINE | -12.76               |
| 04/17/2021 01:00 | EDT       | GLENWOOD 138 SHORE_RD 138 1 | 25205         | NEPTUNE HVDC TIE LINE | -14.02               |
| 04/17/2021 02:00 | EDT       | GLENWOOD 138 SHORE_RD 138 1 | 25205         | NEPTUNE HVDC TIE LINE | -13.24               |
| 04/17/2021 03:00 | EDT       | GLENWOOD 138 SHORE_RD 138 1 | 25205         | NEPTUNE HVDC TIE LINE | -12.25               |
| 04/17/2021 04:00 | EDT       | GLENWOOD 138 SHORE_RD 138 1 | 25205         | NEPTUNE HVDC TIE LINE | -10.2                |
| 04/17/2021 05:00 | EDT       | GLENWOOD 138 SHORE_RD 138 1 | 25205         | NEPTUNE HVDC TIE LINE | -13.42               |
| 04/17/2021 06:00 | EDT       | GLENWOOD 138 SHORE_RD 138 1 | 25205         | NEPTUNE HVDC TIE LINE | -12.56               |
| 04/17/2021 07:00 | EDT       | GLENWOOD 138 SHORE_RD 138 1 | 25205         | NEPTUNE HVDC TIE LINE | -14.09               |
| 04/17/2021 08:00 | EDT       | GLENWOOD 138 SHORE_RD 138 1 | 25205         | NEPTUNE HVDC TIE LINE | -15.1                |
| 04/17/2021 09:00 | EDT       | GLENWOOD 138 SHORE_RD 138 1 | 25205         | NEPTUNE HVDC TIE LINE | -17.11               |
| 04/17/2021 22:00 | EDT       | GLENWOOD 138 SHORE_RD 138 1 | 25205         | NEPTUNE HVDC TIE LINE | -14.08               |
| 04/17/2021 23:00 | EDT       | GLENWOOD 138 SHORE_RD 138 1 | 25205         | NEPTUNE HVDC TIE LINE | -12.67               |
| 04/17/2021 10:00 | EDT       | SHORE_RD 345 SHORE_RD 138 1 | 25439         | SHORE_RD_345/138_BK_2 | 9.35                 |
| 04/17/2021 11:00 | EDT       | SHORE_RD 345 SHORE_RD 138 1 | 25439         | SHORE_RD_345/138_BK_2 | 8.65                 |
| 04/17/2021 12:00 | EDT       | SHORE_RD 345 SHORE_RD 138 1 | 25439         | SHORE_RD_345/138_BK_2 | 9.9                  |
| 04/17/2021 13:00 | EDT       | SHORE_RD 345 SHORE_RD 138 1 | 25439         | SHORE_RD_345/138_BK_2 | 10.71                |
| 04/17/2021 14:00 | EDT       | SHORE_RD 345 SHORE_RD 138 1 | 25439         | SHORE_RD_345/138_BK_2 | 11.27                |
| 04/17/2021 15:00 | EDT       | SHORE_RD 345 SHORE_RD 138 1 | 25439         | SHORE_RD_345/138_BK_2 | 10.9                 |
| 04/17/2021 16:00 | EDT       | SHORE_RD 345 SHORE_RD 138 1 | 25439         | SHORE_RD_345/138_BK_2 | 10.66                |
| 04/17/2021 17:00 | EDT       | SHORE_RD 345 SHORE_RD 138 1 | 25439         | SHORE_RD_345/138_BK_2 | 13.22                |
| 04/17/2021 18:00 | EDT       | SHORE_RD 345 SHORE_RD 138 1 | 25439         | SHORE_RD_345/138_BK_2 | 15.44                |
| 04/17/2021 19:00 | EDT       | SHORE_RD 345 SHORE_RD 138 1 | 25439         | SHORE_RD_345/138_BK_2 | 22.6                 |
| 04/17/2021 20:00 | EDT       | SHORE_RD 345 SHORE_RD 138 1 | 25439         | SHORE_RD_345/138_BK_2 | 23.84                |
| 04/17/2021 21:00 | EDT       | SHORE_RD 345 SHORE_RD 138 1 | 25439         | SHORE_RD_345/138_BK_2 | 18.69                |