

# Day Ahead Limiting Constraints

| Time Stamp       | Time Zone | Limiting Facility           | Facility PTID | Contingency | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|-------------|----------------------|
| 04/29/2023 00:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 0.75                 |
| 04/29/2023 01:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 2.62                 |
| 04/29/2023 02:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 8.67                 |
| 04/29/2023 03:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 7.91                 |
| 04/29/2023 04:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 8.33                 |
| 04/29/2023 05:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 7.64                 |
| 04/29/2023 06:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 13.13                |
| 04/29/2023 07:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 11.69                |
| 04/29/2023 08:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 4.11                 |
| 04/29/2023 09:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 5.86                 |
| 04/29/2023 10:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 10.13                |
| 04/29/2023 11:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 7.29                 |
| 04/29/2023 12:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 4.42                 |
| 04/29/2023 13:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 4.27                 |
| 04/29/2023 14:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 2.21                 |
| 04/29/2023 15:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 4.95                 |
| 04/29/2023 16:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 4.87                 |
| 04/29/2023 17:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 13.36                |
| 04/29/2023 18:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 14.24                |
| 04/29/2023 19:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 12.81                |
| 04/29/2023 20:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 15.42                |
| 04/29/2023 21:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 11.11                |
| 04/29/2023 22:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 12.46                |
| 04/29/2023 23:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE   | 15.12                |
| 04/29/2023 00:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 01:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 02:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 03:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 04:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 05:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 06:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 07:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 08:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 09:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 10:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 11:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 12:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 13:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 14:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 15:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 16:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 17:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 18:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 19:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 20:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 21:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 22:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 23:00 | EDT       | RAINEY 138 VERNON 138 1     | 25296         | BASE CASE   | 0.02                 |
| 04/29/2023 18:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25320         | BASE CASE   | 0.02                 |
| 04/29/2023 19:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25320         | BASE CASE   | 0.02                 |
| 04/29/2023 20:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25320         | BASE CASE   | 0.02                 |
| 04/29/2023 00:00 | EDT       | NIAGARA 115 NIAGARA 230 1   | 25409         | BASE CASE   | -0.62                |
| 04/29/2023 01:00 | EDT       | NIAGARA 115 NIAGARA 230 1   | 25409         | BASE CASE   | -0.5                 |
| 04/29/2023 06:00 | EDT       | NIAGARA 115 NIAGARA 230 1   | 25409         | BASE CASE   | -0.25                |
| 04/29/2023 07:00 | EDT       | NIAGARA 115 NIAGARA 230 1   | 25409         | BASE CASE   | -0.61                |
| 04/29/2023 08:00 | EDT       | NIAGARA 115 NIAGARA 230 1   | 25409         | BASE CASE   | -0.79                |
| 04/29/2023 09:00 | EDT       | NIAGARA 115 NIAGARA 230 1   | 25409         | BASE CASE   | -0.79                |
| 04/29/2023 10:00 | EDT       | NIAGARA 115 NIAGARA 230 1   | 25409         | BASE CASE   | -0.75                |
| 04/29/2023 11:00 | EDT       | NIAGARA 115 NIAGARA 230 1   | 25409         | BASE CASE   | -0.76                |
| 04/29/2023 12:00 | EDT       | NIAGARA 115 NIAGARA 230 1   | 25409         | BASE CASE   | -0.79                |
| 04/29/2023 13:00 | EDT       | NIAGARA 115 NIAGARA 230 1   | 25409         | BASE CASE   | -0.46                |
| 04/29/2023 14:00 | EDT       | NIAGARA 115 NIAGARA 230 1   | 25409         | BASE CASE   | -0.44                |
| 04/29/2023 18:00 | EDT       | NIAGARA 115 NIAGARA 230 1   | 25409         | BASE CASE   | -0.26                |

|                  |     |                             |        |                               |        |
|------------------|-----|-----------------------------|--------|-------------------------------|--------|
| 04/29/2023 19:00 | EDT | NIAGARA 115 NIAGARA 230 1   | 25409  | BASE CASE                     | -0.24  |
| 04/29/2023 20:00 | EDT | NIAGARA 115 NIAGARA 230 1   | 25409  | BASE CASE                     | -0.48  |
| 04/29/2023 21:00 | EDT | NIAGARA 115 NIAGARA 230 1   | 25409  | BASE CASE                     | -0.2   |
| 04/29/2023 10:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE         | 0.96   |
| 04/29/2023 11:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE         | 4.59   |
| 04/29/2023 12:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE         | 3.85   |
| 04/29/2023 13:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE         | 4.85   |
| 04/29/2023 14:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE         | 5.74   |
| 04/29/2023 15:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE         | 6.98   |
| 04/29/2023 16:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE         | 4.65   |
| 04/29/2023 17:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE         | 1.71   |
| 04/29/2023 18:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE         | 2.27   |
| 04/29/2023 19:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE         | 0.06   |
| 04/29/2023 20:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE         | 5.86   |
| 04/29/2023 21:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE         | 3.22   |
| 04/29/2023 22:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | NEPTUNE HVDC TIE LINE         | 1.75   |
| 04/29/2023 20:00 | EDT | CRICKVLY 345 PLSNTVLY 345 1 | 326887 | SCB:PLSNTVLY(RS4):F31&W81&S1  | 3.09   |
| 04/29/2023 00:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -71.96 |
| 04/29/2023 01:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -60.4  |
| 04/29/2023 02:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -22.8  |
| 04/29/2023 03:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -9.97  |
| 04/29/2023 04:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -9.95  |
| 04/29/2023 05:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -10.79 |
| 04/29/2023 06:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -38.31 |
| 04/29/2023 07:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -75.8  |
| 04/29/2023 08:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -91.72 |
| 04/29/2023 09:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -92.39 |
| 04/29/2023 10:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -89.89 |
| 04/29/2023 11:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -89.3  |
| 04/29/2023 12:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -91.3  |
| 04/29/2023 13:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -56.77 |
| 04/29/2023 14:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -53.57 |
| 04/29/2023 15:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -12.69 |
| 04/29/2023 16:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -12.47 |
| 04/29/2023 17:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -35.56 |
| 04/29/2023 18:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -39.88 |
| 04/29/2023 19:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -37.38 |
| 04/29/2023 20:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -64.16 |
| 04/29/2023 21:00 | EDT | MEYER 115 MEYER 1 1         | 325766 | SCB:STONYRDG(72/B102)72&BK1   | -32.46 |
| 04/29/2023 19:00 | EDT | BROWNFLS 115 TAYLORVL 115 1 | 26076  | SIN:MSU1&7040& HQ GN&LD PROXY | 0.81   |
| 04/29/2023 20:00 | EDT | BROWNFLS 115 TAYLORVL 115 1 | 26076  | SIN:MSU1&7040& HQ GN&LD PROXY | 1.17   |
| 04/29/2023 21:00 | EDT | BROWNFLS 115 TAYLORVL 115 1 | 26076  | SIN:MSU1&7040& HQ GN&LD PROXY | 2.18   |