

Day Ahead Limiting Constraints

| Time Stamp | Time Zone | Limiting Facility | Facility PTID | Contingency | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|--------------------------------|----------------------|
| 12/10/2016 16:00 | EST | CENTRAL EAST | 23313 | BASE CASE | 106.97 |
| 12/10/2016 17:00 | EST | CENTRAL EAST | 23313 | BASE CASE | 106.34 |
| 12/10/2016 18:00 | EST | CENTRAL EAST | 23313 | BASE CASE | 91.43 |
| 12/10/2016 19:00 | EST | CENTRAL EAST | 23313 | BASE CASE | 101.13 |
| 12/10/2016 20:00 | EST | CENTRAL EAST | 23313 | BASE CASE | 103.76 |
| 12/10/2016 21:00 | EST | CENTRAL EAST | 23313 | BASE CASE | 116.92 |
| 12/10/2016 22:00 | EST | CENTRAL EAST | 23313 | BASE CASE | 105.89 |
| 12/10/2016 16:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -1.08 |
| 12/10/2016 17:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -5.85 |
| 12/10/2016 18:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -11.03 |
| 12/10/2016 22:00 | EST | SCH - HQ - NY | 23324 | BASE CASE | 1.09 |
| 12/10/2016 00:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 118.68 |
| 12/10/2016 01:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 113.37 |
| 12/10/2016 02:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 107.89 |
| 12/10/2016 03:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 105.26 |
| 12/10/2016 04:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 96.94 |
| 12/10/2016 05:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 96.43 |
| 12/10/2016 06:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 103.01 |
| 12/10/2016 07:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 111.32 |
| 12/10/2016 08:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 106.97 |
| 12/10/2016 09:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 108.33 |
| 12/10/2016 10:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 115.17 |
| 12/10/2016 11:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 108.57 |
| 12/10/2016 12:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 105.34 |
| 12/10/2016 13:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 101.95 |
| 12/10/2016 14:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 86.02 |
| 12/10/2016 15:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 87.82 |
| 12/10/2016 23:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 101.42 |
| 12/10/2016 17:00 | EST | FARRAGUT 345 GOWANUS 345 1 | 25140 | BASE CASE | -9.72 |
| 12/10/2016 18:00 | EST | FARRAGUT 345 GOWANUS 345 1 | 25140 | BASE CASE | -4.47 |
| 12/10/2016 19:00 | EST | FARRAGUT 345 GOWANUS 345 1 | 25140 | BASE CASE | -4.05 |
| 12/10/2016 17:00 | EST | GOWANUS 138 GREENWD 138 1 | 25214 | BASE CASE | 9.73 |
| 12/10/2016 18:00 | EST | GOWANUS 138 GREENWD 138 1 | 25214 | BASE CASE | 4.48 |
| 12/10/2016 19:00 | EST | GOWANUS 138 GREENWD 138 1 | 25214 | BASE CASE | 4.06 |
| 12/10/2016 20:00 | EST | GOWANUS 138 GREENWD 138 1 | 25214 | BASE CASE | 0.02 |
| 12/10/2016 17:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 19.48 |
| 12/10/2016 18:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 8.94 |
| 12/10/2016 19:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 8.1 |
| 12/10/2016 05:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | -3.19 |
| 12/10/2016 06:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | -0.94 |
| 12/10/2016 07:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | -5.83 |
| 12/10/2016 09:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | -0.67 |
| 12/10/2016 10:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | -3.14 |
| 12/10/2016 11:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | -0.77 |
| 12/10/2016 14:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | -1.51 |
| 12/10/2016 15:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | -0.44 |
| 12/10/2016 16:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | -7.7 |
| 12/10/2016 06:00 | EST | EGRDNCTY 138 NEWBRDGE 138 1 | 25303 | NEPTUNE HVDC TIE LINE | 1.54 |
| 12/10/2016 22:00 | EST | EGRDNCTY 138 NEWBRDGE 138 1 | 25303 | NEPTUNE HVDC TIE LINE | 0.03 |
| 12/10/2016 00:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 0.09 |
| 12/10/2016 01:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 0.09 |
| 12/10/2016 06:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 4.04 |
| 12/10/2016 14:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | SCB:NEWBRDG 1380 461&BK6+4 | 2.83 |
| 12/10/2016 06:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 0.82 |
| 12/10/2016 09:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 1.66 |
| 12/10/2016 10:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 0.02 |
| 12/10/2016 11:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 0.02 |
| 12/10/2016 12:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 0.02 |
| 12/10/2016 14:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 0.51 |
| 12/10/2016 15:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 7.33 |
| 12/10/2016 16:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 6.38 |
| 12/10/2016 17:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 15.13 |
| 12/10/2016 18:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 13.95 |

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|------------------|-----|-----------------------------|-------|--------------------------------|-------|
| 12/10/2016 19:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 4.26 |
| 12/10/2016 20:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 7.49 |
| 12/10/2016 21:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 6.17 |
| 12/10/2016 22:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 3.55 |
| 12/10/2016 23:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPNBK(RNS2):Y49&M29&Y49_ST | 0.02 |
| 12/10/2016 20:00 | EST | EDIC 345 MARCY 345 1 | 25229 | TWR:11 & UCC2-41 | -0.61 |