

Day Ahead Limiting Constraints

| Time Stamp | Time Zone | Limiting Facility | Facility PTID | Contingency | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|----------------------------|----------------------|
| 05/29/2015 00:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 4.88 |
| 05/29/2015 01:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 3.01 |
| 05/29/2015 02:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 1.21 |
| 05/29/2015 09:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 0.69 |
| 05/29/2015 10:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 2.55 |
| 05/29/2015 11:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 3.15 |
| 05/29/2015 12:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 6.49 |
| 05/29/2015 13:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 9.61 |
| 05/29/2015 14:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 11.28 |
| 05/29/2015 15:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 17.58 |
| 05/29/2015 16:00 | EDT | SCH - OH - NY | 23317 | BASE CASE | 18.08 |
| 05/29/2015 12:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 0.85 |
| 05/29/2015 15:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 5.42 |
| 05/29/2015 16:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 7.6 |
| 05/29/2015 17:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 4.28 |
| 05/29/2015 00:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 1.9 |
| 05/29/2015 01:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 2.09 |
| 05/29/2015 02:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 1.38 |
| 05/29/2015 03:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 0.87 |
| 05/29/2015 04:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 1.65 |
| 05/29/2015 05:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 2.57 |
| 05/29/2015 06:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 1.18 |
| 05/29/2015 08:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 3.35 |
| 05/29/2015 09:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 1.07 |
| 05/29/2015 16:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 0.54 |
| 05/29/2015 18:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 0.6 |
| 05/29/2015 19:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 1.04 |
| 05/29/2015 20:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 0.02 |
| 05/29/2015 21:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 3.13 |
| 05/29/2015 22:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 5.55 |
| 05/29/2015 23:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 3.18 |
| 05/29/2015 08:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 0.02 |
| 05/29/2015 00:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 05/29/2015 01:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 05/29/2015 02:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 05/29/2015 08:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 05/29/2015 23:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 05/29/2015 08:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.03 |
| 05/29/2015 15:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.02 |
| 05/29/2015 16:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.02 |
| 05/29/2015 15:00 | EDT | SCH - NPX_1385 | 325277 | BASE CASE | 1.02 |
| 05/29/2015 16:00 | EDT | SCH - NPX_1385 | 325277 | BASE CASE | 2.04 |
| 05/29/2015 00:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 2.82 |
| 05/29/2015 01:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 3.11 |
| 05/29/2015 02:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 2.06 |
| 05/29/2015 03:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 1.3 |
| 05/29/2015 04:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 2.45 |
| 05/29/2015 05:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 3.81 |
| 05/29/2015 06:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 1.76 |
| 05/29/2015 08:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 4.96 |
| 05/29/2015 09:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 1.49 |
| 05/29/2015 16:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 0.8 |
| 05/29/2015 18:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 0.9 |
| 05/29/2015 19:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 1.48 |
| 05/29/2015 21:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 4.56 |
| 05/29/2015 22:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 8.1 |
| 05/29/2015 23:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50 | 4.71 |
| 05/29/2015 00:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRIDGE_138_461 | 0.08 |
| 05/29/2015 07:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRIDGE_138_461 | 0.08 |
| 05/29/2015 09:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRIDGE_138_461 | 0.83 |
| 05/29/2015 12:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRIDGE_138_461 | 0.08 |
| 05/29/2015 19:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRIDGE_138_461 | 0.63 |
| 05/29/2015 20:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRIDGE_138_461 | 0.4 |

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|------------------|-----|-----------------------------|-------|-------------------------------|--------|
| 05/29/2015 21:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 0.63 |
| 05/29/2015 22:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 1.09 |
| 05/29/2015 11:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER__230_77 | 24.63 |
| 05/29/2015 12:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER__230_77 | 20.71 |
| 05/29/2015 13:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER__230_77 | 17.37 |
| 05/29/2015 14:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER__230_77 | 0.08 |
| 05/29/2015 15:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER__230_77 | 3.1 |
| 05/29/2015 16:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER__230_77 | 2.24 |
| 05/29/2015 17:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER__230_77 | 13.82 |
| 05/29/2015 10:00 | EDT | ADIRNDCK 230 MOSES 230 1 | 25269 | SIN:MSU1&7040& HQ GN&LD PROXY | -0.02 |
| 05/29/2015 11:00 | EDT | ADIRNDCK 230 MOSES 230 1 | 25269 | SIN:MSU1&7040& HQ GN&LD PROXY | -3.96 |
| 05/29/2015 12:00 | EDT | ADIRNDCK 230 MOSES 230 1 | 25269 | SIN:MSU1&7040& HQ GN&LD PROXY | -10.25 |
| 05/29/2015 13:00 | EDT | ADIRNDCK 230 MOSES 230 1 | 25269 | SIN:MSU1&7040& HQ GN&LD PROXY | -18.53 |
| 05/29/2015 14:00 | EDT | ADIRNDCK 230 MOSES 230 1 | 25269 | SIN:MSU1&7040& HQ GN&LD PROXY | -54.72 |
| 05/29/2015 15:00 | EDT | ADIRNDCK 230 MOSES 230 1 | 25269 | SIN:MSU1&7040& HQ GN&LD PROXY | -39.43 |
| 05/29/2015 08:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22 & 21 | 0.02 |
| 05/29/2015 14:00 | EDT | NIAGARA 230 PACKARD 230 1 | 25186 | TWR:PACKARD 62 & BP76 | 12.59 |