

Day Ahead Limiting Constraints

| Time Stamp | Time Zone | Limiting Facility | Facility PTID | Contingency | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|-------------|----------------------|
| 10/14/2015 07:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -16.0 |
| 10/14/2015 08:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -11.56 |
| 10/14/2015 09:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -8.27 |
| 10/14/2015 10:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -6.85 |
| 10/14/2015 11:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -10.1 |
| 10/14/2015 12:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -6.97 |
| 10/14/2015 13:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -7.38 |
| 10/14/2015 14:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -8.2 |
| 10/14/2015 15:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -8.25 |
| 10/14/2015 16:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -9.49 |
| 10/14/2015 17:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -9.61 |
| 10/14/2015 18:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -10.6 |
| 10/14/2015 19:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -9.59 |
| 10/14/2015 20:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -8.0 |
| 10/14/2015 21:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -10.58 |
| 10/14/2015 22:00 | EDT | SCH - NE - NY | 23318 | BASE CASE | -5.39 |
| 10/14/2015 00:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 7.94 |
| 10/14/2015 01:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 5.96 |
| 10/14/2015 02:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 5.74 |
| 10/14/2015 03:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 5.78 |
| 10/14/2015 04:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 6.42 |
| 10/14/2015 05:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 8.97 |
| 10/14/2015 06:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 23.43 |
| 10/14/2015 07:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 21.79 |
| 10/14/2015 08:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 20.56 |
| 10/14/2015 09:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 23.09 |
| 10/14/2015 10:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 23.09 |
| 10/14/2015 11:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 23.33 |
| 10/14/2015 12:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 22.5 |
| 10/14/2015 13:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 21.36 |
| 10/14/2015 14:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 20.28 |
| 10/14/2015 15:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 18.82 |
| 10/14/2015 16:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 19.21 |
| 10/14/2015 17:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 19.67 |
| 10/14/2015 18:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 23.85 |
| 10/14/2015 19:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 29.33 |
| 10/14/2015 20:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 22.15 |
| 10/14/2015 21:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 18.75 |
| 10/14/2015 22:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 17.0 |
| 10/14/2015 23:00 | EDT | MOSES SOUTH | 23319 | BASE CASE | 17.57 |
| 10/14/2015 00:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 13.18 |
| 10/14/2015 01:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 18.71 |
| 10/14/2015 02:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 12.0 |
| 10/14/2015 03:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 11.72 |
| 10/14/2015 04:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 11.27 |
| 10/14/2015 05:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 15.19 |
| 10/14/2015 10:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 2.43 |
| 10/14/2015 22:00 | EDT | CENTRAL EAST - VC | 23330 | BASE CASE | 3.74 |
| 10/14/2015 04:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 1.71 |
| 10/14/2015 08:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 6.53 |
| 10/14/2015 09:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 4.53 |
| 10/14/2015 10:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 3.09 |
| 10/14/2015 11:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 3.94 |
| 10/14/2015 12:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 4.29 |
| 10/14/2015 13:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 4.0 |
| 10/14/2015 14:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 3.93 |
| 10/14/2015 15:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 3.89 |
| 10/14/2015 16:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 3.63 |
| 10/14/2015 17:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 2.79 |
| 10/14/2015 22:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 0.2 |
| 10/14/2015 00:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 0.02 |
| 10/14/2015 01:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 0.02 |
| 10/14/2015 02:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 0.02 |

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|------------------|-----|-----------------------------|-------|-------------------------------|--------|
| 10/14/2015 03:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 0.02 |
| 10/14/2015 04:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 0.02 |
| 10/14/2015 05:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 0.02 |
| 10/14/2015 08:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 12.96 |
| 10/14/2015 09:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 8.99 |
| 10/14/2015 10:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 6.13 |
| 10/14/2015 11:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 7.82 |
| 10/14/2015 12:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 8.52 |
| 10/14/2015 13:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 7.92 |
| 10/14/2015 14:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 7.78 |
| 10/14/2015 15:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 7.72 |
| 10/14/2015 17:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 5.54 |
| 10/14/2015 22:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 0.38 |
| 10/14/2015 23:00 | EDT | RAINEY 138 VERNON 138 1 | 25296 | BASE CASE | 0.02 |
| 10/14/2015 16:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 7.28 |
| 10/14/2015 08:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 3.67 |
| 10/14/2015 09:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 2.55 |
| 10/14/2015 10:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.74 |
| 10/14/2015 11:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 2.22 |
| 10/14/2015 12:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 2.41 |
| 10/14/2015 13:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 2.25 |
| 10/14/2015 16:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.29 |
| 10/14/2015 22:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.09 |
| 10/14/2015 14:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25320 | BASE CASE | 2.19 |
| 10/14/2015 15:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25320 | BASE CASE | 2.18 |
| 10/14/2015 16:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25320 | BASE CASE | 0.74 |
| 10/14/2015 17:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25320 | BASE CASE | 1.56 |
| 10/14/2015 06:00 | EDT | NYCA ACTIVE DNI | 990 | ACTIVE DNI | 0.18 |
| 10/14/2015 13:00 | EDT | PLSNTVLY 345 LEEDS 345 1 | 25056 | ATHENS_-PLSNTVLY_345_91 | -4.38 |
| 10/14/2015 14:00 | EDT | PLSNTVLY 345 LEEDS 345 1 | 25056 | ATHENS_-PLSNTVLY_345_91 | -10.06 |
| 10/14/2015 15:00 | EDT | PLSNTVLY 345 LEEDS 345 1 | 25056 | ATHENS_-PLSNTVLY_345_91 | -12.52 |
| 10/14/2015 16:00 | EDT | PLSNTVLY 345 LEEDS 345 1 | 25056 | ATHENS_-PLSNTVLY_345_91 | -11.74 |
| 10/14/2015 17:00 | EDT | PLSNTVLY 345 LEEDS 345 1 | 25056 | ATHENS_-PLSNTVLY_345_91 | -12.73 |
| 10/14/2015 18:00 | EDT | PLSNTVLY 345 LEEDS 345 1 | 25056 | ATHENS_-PLSNTVLY_345_91 | -7.51 |
| 10/14/2015 00:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 4.36 |
| 10/14/2015 01:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 0.49 |
| 10/14/2015 07:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 3.57 |
| 10/14/2015 08:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 3.83 |
| 10/14/2015 09:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 1.97 |
| 10/14/2015 10:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 0.1 |
| 10/14/2015 11:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 1.61 |
| 10/14/2015 12:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 3.07 |
| 10/14/2015 13:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 3.35 |
| 10/14/2015 14:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 3.33 |
| 10/14/2015 15:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 3.29 |
| 10/14/2015 16:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 3.01 |
| 10/14/2015 17:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 3.28 |
| 10/14/2015 18:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 12.33 |
| 10/14/2015 19:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 15.9 |
| 10/14/2015 20:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 12.16 |
| 10/14/2015 21:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 7.18 |
| 10/14/2015 22:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 9.57 |
| 10/14/2015 23:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 8.26 |
| 10/14/2015 08:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER_230_77 | 3.04 |
| 10/14/2015 09:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER_230_77 | 6.01 |
| 10/14/2015 10:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER_230_77 | 10.04 |
| 10/14/2015 11:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER_230_77 | 19.14 |
| 10/14/2015 12:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER_230_77 | 10.02 |
| 10/14/2015 13:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER_230_77 | 4.83 |
| 10/14/2015 15:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER_230_77 | 7.77 |
| 10/14/2015 16:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER_230_77 | 4.69 |
| 10/14/2015 17:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER_230_77 | 3.05 |
| 10/14/2015 18:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER_230_77 | 17.52 |
| 10/14/2015 19:00 | EDT | PACKARD 230 SAWYER 230 1 | 25195 | PACKARD_-SAWYER_230_77 | 62.28 |
| 10/14/2015 08:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | SCB:GOW(6):25&42232 G23LM O/S | 6.53 |
| 10/14/2015 09:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | SCB:GOW(6):25&42232 G23LM O/S | 4.53 |
| 10/14/2015 10:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | SCB:GOW(6):25&42232 G23LM O/S | 3.42 |
| 10/14/2015 11:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | SCB:GOW(6):25&42232 G23LM O/S | 4.16 |
| 10/14/2015 12:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | SCB:GOW(6):25&42232 G23LM O/S | 4.46 |

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|------------------|-----|---------------------------|-------|-------------------------------|--------|
| 10/14/2015 13:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | SCB:GOW(6):25&42232 G23LM O/S | 4.2 |
| 10/14/2015 14:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | SCB:GOW(6):25&42232 G23LM O/S | 5.16 |
| 10/14/2015 15:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | SCB:GOW(6):25&42232 G23LM O/S | 5.1 |
| 10/14/2015 16:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | SCB:GOW(6):25&42232 G23LM O/S | 4.2 |
| 10/14/2015 17:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | SCB:GOW(6):25&42232 G23LM O/S | 3.86 |
| 10/14/2015 18:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | SCB:GOW(6):25&42232 G23LM O/S | 0.11 |
| 10/14/2015 20:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | SCB:GOW(6):25&42232 G23LM O/S | 5.39 |
| 10/14/2015 21:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | SCB:GOW(6):25&42232 G23LM O/S | 10.87 |
| 10/14/2015 22:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | SCB:GOW(6):25&42232 G23LM O/S | 0.2 |
| 10/14/2015 10:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | SCB:GOW(6):25&42232 G23LM O/S | -0.65 |
| 10/14/2015 11:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | SCB:GOW(6):25&42232 G23LM O/S | -0.43 |
| 10/14/2015 12:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | SCB:GOW(6):25&42232 G23LM O/S | -0.34 |
| 10/14/2015 13:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | SCB:GOW(6):25&42232 G23LM O/S | -0.42 |
| 10/14/2015 14:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | SCB:GOW(6):25&42232 G23LM O/S | -2.47 |
| 10/14/2015 15:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | SCB:GOW(6):25&42232 G23LM O/S | -2.41 |
| 10/14/2015 16:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | SCB:GOW(6):25&42232 G23LM O/S | -1.14 |
| 10/14/2015 17:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | SCB:GOW(6):25&42232 G23LM O/S | -2.12 |
| 10/14/2015 18:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | SCB:GOW(6):25&42232 G23LM O/S | -0.2 |
| 10/14/2015 20:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | SCB:GOW(6):25&42232 G23LM O/S | -10.74 |
| 10/14/2015 21:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | SCB:GOW(6):25&42232 G23LM O/S | -21.68 |
| 10/14/2015 06:00 | EDT | SCRIBA 345 VOLNEY 345 1 | 25204 | SCRIBA__VOLNEY__345_21 | 4.6 |
| 10/14/2015 08:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22 & 21 | 6.53 |
| 10/14/2015 09:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22 & 21 | 4.53 |
| 10/14/2015 10:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22 & 21 | 3.09 |
| 10/14/2015 11:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22 & 21 | 3.94 |
| 10/14/2015 12:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22 & 21 | 4.29 |
| 10/14/2015 13:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22 & 21 | 3.99 |
| 10/14/2015 14:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22 & 21 | 3.92 |
| 10/14/2015 15:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22 & 21 | 3.89 |
| 10/14/2015 16:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22 & 21 | 3.63 |
| 10/14/2015 17:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22 & 21 | 2.79 |
| 10/14/2015 22:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22 & 21 | 0.19 |