

Day Ahead Limiting Constraints

| Time Stamp | Time Zone | Limiting Facility | Facility PTID | Contingency | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|-------------|----------------------|
| 11/15/2011 11:00 | EST | ASTORIAE 138 HELLGT_E 138 1 | 25323 | BASE CASE | -11.15 |
| 11/15/2011 14:00 | EST | ASTORIAE 138 HELLGT_E 138 1 | 25324 | BASE CASE | -11.47 |
| 11/15/2011 15:00 | EST | ASTORIAE 138 HELLGT_E 138 1 | 25324 | BASE CASE | -11.32 |
| 11/15/2011 16:00 | EST | ASTORIAE 138 HELLGT_E 138 1 | 25323 | BASE CASE | -82.27 |
| 11/15/2011 02:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 4.05 |
| 11/15/2011 03:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 4.43 |
| 11/15/2011 04:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 1.24 |
| 11/15/2011 07:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 4.4 |
| 11/15/2011 08:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 2.14 |
| 11/15/2011 09:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 3.53 |
| 11/15/2011 10:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 4.11 |
| 11/15/2011 11:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 3.79 |
| 11/15/2011 12:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 3.33 |
| 11/15/2011 13:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 3.42 |
| 11/15/2011 14:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 2.96 |
| 11/15/2011 15:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 2.76 |
| 11/15/2011 16:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 2 |
| 11/15/2011 18:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 4.36 |
| 11/15/2011 19:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 5.7 |
| 11/15/2011 20:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 4.28 |
| 11/15/2011 21:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 2.97 |
| 11/15/2011 22:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 5.09 |
| 11/15/2011 17:00 | EST | DYSINGER EAST | 23326 | BASE CASE | 2.95 |
| 11/15/2011 08:00 | EST | E179THST 138 HELLGT_E 138 1 | 25289 | BASE CASE | 8.37 |
| 11/15/2011 09:00 | EST | E179THST 138 HELLGT_E 138 1 | 25289 | BASE CASE | 14.98 |
| 11/15/2011 10:00 | EST | E179THST 138 HELLGT_E 138 1 | 25289 | BASE CASE | 10.39 |
| 11/15/2011 12:00 | EST | E179THST 138 HELLGT_E 138 1 | 25290 | BASE CASE | 11.29 |
| 11/15/2011 13:00 | EST | E179THST 138 HELLGT_E 138 1 | 25290 | BASE CASE | 11.56 |
| 11/15/2011 17:00 | EST | E179THST 138 HELLGT_E 138 1 | 25289 | BASE CASE | 55.28 |
| 11/15/2011 18:00 | EST | E179THST 138 HELLGT_E 138 1 | 25290 | BASE CASE | 74.4 |
| 11/15/2011 19:00 | EST | E179THST 138 HELLGT_E 138 1 | 25290 | BASE CASE | 83.81 |
| 11/15/2011 20:00 | EST | E179THST 138 HELLGT_E 138 1 | 25290 | BASE CASE | 88.55 |
| 11/15/2011 21:00 | EST | E179THST 138 HELLGT_E 138 1 | 25290 | BASE CASE | 0.02 |
| 11/15/2011 22:00 | EST | E179THST 138 HELLGT_E 138 1 | 25290 | BASE CASE | 0.02 |
| 11/15/2011 08:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 5.07 |
| 11/15/2011 09:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 9.04 |
| 11/15/2011 10:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 6.27 |
| 11/15/2011 11:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 6.72 |
| 11/15/2011 12:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 6.8 |
| 11/15/2011 13:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 6.97 |
| 11/15/2011 14:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 6.91 |
| 11/15/2011 15:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 6.82 |
| 11/15/2011 16:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 4.79 |
| 11/15/2011 08:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.86 |
| 11/15/2011 09:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 3.1 |
| 11/15/2011 10:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.07 |
| 11/15/2011 11:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.15 |
| 11/15/2011 12:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.16 |
| 11/15/2011 13:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.19 |
| 11/15/2011 14:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.18 |
| 11/15/2011 15:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 5.2 |
| 11/15/2011 16:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.66 |
| 11/15/2011 17:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 17.13 |
| 11/15/2011 18:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.02 |
| 11/15/2011 19:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 6.25 |
| 11/15/2011 20:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 13.31 |
| 11/15/2011 21:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 13.51 |
| 11/15/2011 17:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 5.29 |
| 11/15/2011 01:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -0.02 |
| 11/15/2011 02:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -0.02 |

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| 11/15/2011 03:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -0.02 |
| 11/15/2011 04:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -0.02 |
| 11/15/2011 00:00 | EST | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 11/15/2011 16:00 | EST | SCH - HQ_IMPORT_EXPORT | 325376 | BASE CASE | 1.33 |
| 11/15/2011 17:00 | EST | SCH - HQ_IMPORT_EXPORT | 325376 | BASE CASE | 14.27 |
| 11/15/2011 18:00 | EST | SCH - HQ_IMPORT_EXPORT | 325376 | BASE CASE | 5.88 |
| 11/15/2011 19:00 | EST | SCH - HQ_IMPORT_EXPORT | 325376 | BASE CASE | 1.87 |
| 11/15/2011 00:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -0.64 |
| 11/15/2011 01:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -3.81 |
| 11/15/2011 02:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -4 |
| 11/15/2011 03:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -4.74 |
| 11/15/2011 04:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -4.07 |
| 11/15/2011 05:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -3.5 |
| 11/15/2011 06:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -0.72 |
| 11/15/2011 12:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 0.93 |
| 11/15/2011 13:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 0.94 |
| 11/15/2011 14:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 0.95 |
| 11/15/2011 15:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 1.09 |
| 11/15/2011 17:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 17.98 |
| 11/15/2011 18:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 6.44 |
| 11/15/2011 20:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 0.63 |
| 11/15/2011 23:00 | EST | NYCA ACTIVE DNI | 990 | ACTIVE DNI | -1.21 |
| 11/15/2011 15:00 | EST | MOTTHAVN 345 DUNWODIE 345 2 | 25191 | DUNWODIE-MOTTHAVN_345_71 | -12.87 |
| 11/15/2011 16:00 | EST | MOTTHAVN 345 DUNWODIE 345 2 | 25191 | DUNWODIE-MOTTHAVN_345_71 | -9.04 |
| 11/15/2011 08:00 | EST | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | DUNWODIE-MOTTHAVN_345_72 | -9.57 |
| 11/15/2011 09:00 | EST | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | DUNWODIE-MOTTHAVN_345_72 | -17.08 |
| 11/15/2011 10:00 | EST | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | DUNWODIE-MOTTHAVN_345_72 | -11.84 |
| 11/15/2011 11:00 | EST | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | DUNWODIE-MOTTHAVN_345_72 | -12.7 |
| 11/15/2011 12:00 | EST | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | DUNWODIE-MOTTHAVN_345_72 | -12.85 |
| 11/15/2011 13:00 | EST | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | DUNWODIE-MOTTHAVN_345_72 | -13.17 |
| 11/15/2011 14:00 | EST | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | DUNWODIE-MOTTHAVN_345_72 | -13.03 |
| 11/15/2011 01:00 | EST | CARLPLCE 138 EGRDNCTY 138 1 | 25533 | NEPTUNE HVDC TIE LINE | 3.58 |
| 11/15/2011 02:00 | EST | CARLPLCE 138 EGRDNCTY 138 1 | 25533 | NEPTUNE HVDC TIE LINE | 2.24 |
| 11/15/2011 03:00 | EST | CARLPLCE 138 EGRDNCTY 138 1 | 25533 | NEPTUNE HVDC TIE LINE | 0.26 |
| 11/15/2011 04:00 | EST | CARLPLCE 138 EGRDNCTY 138 1 | 25533 | NEPTUNE HVDC TIE LINE | 6.42 |
| 11/15/2011 05:00 | EST | CARLPLCE 138 EGRDNCTY 138 1 | 25533 | NEPTUNE HVDC TIE LINE | 1.19 |
| 11/15/2011 21:00 | EST | CARLPLCE 138 EGRDNCTY 138 1 | 25533 | NEPTUNE HVDC TIE LINE | 1.59 |
| 11/15/2011 17:00 | EST | CARLPLCE 138 GLENWD 138 1 | 25554 | NEPTUNE HVDC TIE LINE | -36.54 |
| 11/15/2011 18:00 | EST | CARLPLCE 138 GLENWD 138 1 | 25554 | NEPTUNE HVDC TIE LINE | -9.37 |
| 11/15/2011 23:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE | 2.77 |
| 11/15/2011 08:00 | EST | W49TH_ST 345 SPRNBRK 345 1 | 25053 | SCB:SPBK (RS3): W75, 99941 | -0.9 |
| 11/15/2011 09:00 | EST | W49TH_ST 345 SPRNBRK 345 1 | 25053 | SCB:SPBK (RS3): W75, 99941 | -1.61 |
| 11/15/2011 10:00 | EST | W49TH_ST 345 SPRNBRK 345 1 | 25053 | SCB:SPBK (RS3): W75, 99941 | -1.12 |
| 11/15/2011 11:00 | EST | W49TH_ST 345 SPRNBRK 345 1 | 25053 | SCB:SPBK (RS3): W75, 99941 | -1.2 |
| 11/15/2011 12:00 | EST | W49TH_ST 345 SPRNBRK 345 1 | 25053 | SCB:SPBK (RS3): W75, 99941 | -1.21 |
| 11/15/2011 13:00 | EST | W49TH_ST 345 SPRNBRK 345 1 | 25053 | SCB:SPBK (RS3): W75, 99941 | -1.24 |
| 11/15/2011 14:00 | EST | W49TH_ST 345 SPRNBRK 345 1 | 25053 | SCB:SPBK (RS3): W75, 99941 | -1.28 |
| 11/15/2011 15:00 | EST | W49TH_ST 345 SPRNBRK 345 1 | 25053 | SCB:SPBK (RS3): W75, 99941 | -1.27 |
| 11/15/2011 16:00 | EST | W49TH_ST 345 SPRNBRK 345 1 | 25053 | SCB:SPBK (RS3): W75, 99941 | -0.91 |
| 11/15/2011 08:00 | EST | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22, 21,A2253 | 0.88 |
| 11/15/2011 10:00 | EST | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22, 21,A2253 | 2.75 |
| 11/15/2011 11:00 | EST | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22, 21,A2253 | 2.25 |
| 11/15/2011 12:00 | EST | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22, 21,A2253 | 2.27 |
| 11/15/2011 13:00 | EST | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22, 21,A2253 | 2.32 |
| 11/15/2011 14:00 | EST | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22, 21,A2253 | 2.3 |
| 11/15/2011 21:00 | EST | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22, 21,A2253 | 2.5 |
| 11/15/2011 10:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -3.32 |
| 11/15/2011 11:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -2.18 |
| 11/15/2011 12:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -2.19 |
| 11/15/2011 13:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -2.22 |
| 11/15/2011 14:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -2.21 |
| 11/15/2011 15:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -5.8 |
| 11/15/2011 17:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -13.09 |
| 11/15/2011 19:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -12.56 |
| 11/15/2011 20:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -26.79 |
| 11/15/2011 21:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -32.23 |
| 11/15/2011 22:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -0.03 |

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| 11/15/2011 23:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -0.02 |
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