

# Day Ahead Limiting Constraints

| Time Stamp       | Time Zone | Limiting Facility             | Facility PTID | Contingency | Constraint Cost (\$) |
|------------------|-----------|-------------------------------|---------------|-------------|----------------------|
| 08/19/2011 08:00 | EDT       | E179THST 138 HELLTP_W 138 1   | 25288         | BASE CASE   | 6.44                 |
| 08/19/2011 09:00 | EDT       | E179THST 138 HELLTP_W 138 1   | 25288         | BASE CASE   | 5.74                 |
| 08/19/2011 10:00 | EDT       | E179THST 138 HELLTP_W 138 1   | 25288         | BASE CASE   | 3.9                  |
| 08/19/2011 11:00 | EDT       | E179THST 138 HELLTP_W 138 1   | 25288         | BASE CASE   | 1.06                 |
| 08/19/2011 21:00 | EDT       | E179THST 138 HELLTP_W 138 1   | 25288         | BASE CASE   | 1.79                 |
| 08/19/2011 22:00 | EDT       | E179THST 138 HELLTP_W 138 1   | 25288         | BASE CASE   | 6.25                 |
| 08/19/2011 10:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1   | 25292         | BASE CASE   | -11.08               |
| 08/19/2011 11:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1   | 25292         | BASE CASE   | -2.99                |
| 08/19/2011 07:00 | EDT       | FREEMPORT 138 NEWBRIDGE 138 1 | 25155         | BASE CASE   | -0.16                |
| 08/19/2011 08:00 | EDT       | FREEMPORT 138 NEWBRIDGE 138 1 | 25155         | BASE CASE   | -0.1                 |
| 08/19/2011 23:00 | EDT       | FREEMPORT 138 NEWBRIDGE 138 1 | 25155         | BASE CASE   | -0.63                |
| 08/19/2011 07:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 0.02                 |
| 08/19/2011 08:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 8.43                 |
| 08/19/2011 09:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 7.5                  |
| 08/19/2011 10:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 0.25                 |
| 08/19/2011 11:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 42.16                |
| 08/19/2011 12:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 25.25                |
| 08/19/2011 13:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 31.4                 |
| 08/19/2011 14:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 37.14                |
| 08/19/2011 15:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 54.25                |
| 08/19/2011 16:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 52.22                |
| 08/19/2011 17:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 71.65                |
| 08/19/2011 18:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 42.35                |
| 08/19/2011 19:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 100.42               |
| 08/19/2011 20:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 42.22                |
| 08/19/2011 21:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 51.27                |
| 08/19/2011 22:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 55.38                |
| 08/19/2011 23:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1   | 25319         | BASE CASE   | 8.41                 |
| 08/19/2011 12:00 | EDT       | GOETHLSS 345 GOWANUSS 345 1   | 25571         | BASE CASE   | 9.72                 |
| 08/19/2011 13:00 | EDT       | GOETHLSS 345 GOWANUSS 345 1   | 25571         | BASE CASE   | 15.68                |
| 08/19/2011 14:00 | EDT       | GOETHLSS 345 GOWANUSS 345 1   | 25571         | BASE CASE   | 18.52                |
| 08/19/2011 15:00 | EDT       | GOETHLSS 345 GOWANUSS 345 1   | 25571         | BASE CASE   | 27.1                 |
| 08/19/2011 16:00 | EDT       | GOETHLSS 345 GOWANUSS 345 1   | 25571         | BASE CASE   | 26.04                |
| 08/19/2011 17:00 | EDT       | GOETHLSS 345 GOWANUSS 345 1   | 25571         | BASE CASE   | 13.87                |
| 08/19/2011 14:00 | EDT       | GOETHSLN 345 GOWANUSN 345 1   | 25139         | BASE CASE   | 18.5                 |
| 08/19/2011 15:00 | EDT       | GOETHSLN 345 GOWANUSN 345 1   | 25139         | BASE CASE   | 26.31                |
| 08/19/2011 16:00 | EDT       | GOETHSLN 345 GOWANUSN 345 1   | 25139         | BASE CASE   | 26.02                |
| 08/19/2011 13:00 | EDT       | GREENWD 138 KENTAVE 138 1     | 25299         | BASE CASE   | -15.64               |
| 08/19/2011 15:00 | EDT       | GREENWD 138 KENTAVE 138 1     | 25299         | BASE CASE   | -0.68                |
| 08/19/2011 20:00 | EDT       | GREENWD 138 KENTAVE 138 1     | 25299         | BASE CASE   | -9.95                |
| 08/19/2011 21:00 | EDT       | GREENWD 138 KENTAVE 138 1     | 25299         | BASE CASE   | -6.61                |
| 08/19/2011 11:00 | EDT       | GREENWD 138 VERNON 138 1      | 25337         | BASE CASE   | -41.9                |
| 08/19/2011 12:00 | EDT       | GREENWD 138 VERNON 138 1      | 25337         | BASE CASE   | -15.43               |
| 08/19/2011 17:00 | EDT       | GREENWD 138 VERNON 138 1      | 25337         | BASE CASE   | -57.48               |
| 08/19/2011 18:00 | EDT       | GREENWD 138 VERNON 138 1      | 25337         | BASE CASE   | -42.35               |
| 08/19/2011 19:00 | EDT       | GREENWD 138 VERNON 138 1      | 25337         | BASE CASE   | -111.96              |
| 08/19/2011 20:00 | EDT       | GREENWD 138 VERNON 138 1      | 25337         | BASE CASE   | -38.32               |
| 08/19/2011 21:00 | EDT       | GREENWD 138 VERNON 138 1      | 25337         | BASE CASE   | -52.57               |
| 08/19/2011 22:00 | EDT       | GREENWD 138 VERNON 138 1      | 25337         | BASE CASE   | -60.39               |
| 08/19/2011 00:00 | EDT       | RAINEY 138 VERNON 138 1       | 25297         | BASE CASE   | 0.02                 |
| 08/19/2011 01:00 | EDT       | RAINEY 138 VERNON 138 1       | 25297         | BASE CASE   | 0.02                 |
| 08/19/2011 02:00 | EDT       | RAINEY 138 VERNON 138 1       | 25297         | BASE CASE   | 0.02                 |
| 08/19/2011 03:00 | EDT       | RAINEY 138 VERNON 138 1       | 25297         | BASE CASE   | 0.02                 |
| 08/19/2011 04:00 | EDT       | RAINEY 138 VERNON 138 1       | 25297         | BASE CASE   | 0.02                 |
| 08/19/2011 07:00 | EDT       | RAINEY 138 VERNON 138 1       | 25297         | BASE CASE   | 0.02                 |
| 08/19/2011 08:00 | EDT       | RAINEY 138 VERNON 138 1       | 25297         | BASE CASE   | 12.98                |
| 08/19/2011 09:00 | EDT       | RAINEY 138 VERNON 138 1       | 25297         | BASE CASE   | 11.55                |
| 08/19/2011 21:00 | EDT       | RAINEY 138 VERNON 138 1       | 25297         | BASE CASE   | 3.6                  |
| 08/19/2011 22:00 | EDT       | RAINEY 138 VERNON 138 1       | 25297         | BASE CASE   | 12.59                |
| 08/19/2011 23:00 | EDT       | RAINEY 138 VERNON 138 1       | 25297         | BASE CASE   | 0.02                 |

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|------------------|-----|-----------------------------|--------|----------------------------|---------|
| 08/19/2011 18:00 | EDT | SCH - HQ - NY               | 23324  | BASE CASE                  | 1.89    |
| 08/19/2011 10:00 | EDT | SCH - HQ_IMPORT_EXPORT      | 325376 | BASE CASE                  | 2.11    |
| 08/19/2011 11:00 | EDT | SCH - HQ_IMPORT_EXPORT      | 325376 | BASE CASE                  | 2.73    |
| 08/19/2011 12:00 | EDT | SCH - HQ_IMPORT_EXPORT      | 325376 | BASE CASE                  | 5.84    |
| 08/19/2011 13:00 | EDT | SCH - HQ_IMPORT_EXPORT      | 325376 | BASE CASE                  | 3.3     |
| 08/19/2011 14:00 | EDT | SCH - HQ_IMPORT_EXPORT      | 325376 | BASE CASE                  | 0.74    |
| 08/19/2011 15:00 | EDT | SCH - HQ_IMPORT_EXPORT      | 325376 | BASE CASE                  | 5.03    |
| 08/19/2011 16:00 | EDT | SCH - HQ_IMPORT_EXPORT      | 325376 | BASE CASE                  | 3.89    |
| 08/19/2011 17:00 | EDT | SCH - HQ_IMPORT_EXPORT      | 325376 | BASE CASE                  | 1.74    |
| 08/19/2011 19:00 | EDT | SCH - HQ_IMPORT_EXPORT      | 325376 | BASE CASE                  | 1.61    |
| 08/19/2011 20:00 | EDT | SCH - HQ_IMPORT_EXPORT      | 325376 | BASE CASE                  | 4.85    |
| 08/19/2011 21:00 | EDT | SCH - HQ_IMPORT_EXPORT      | 325376 | BASE CASE                  | 1.06    |
| 08/19/2011 12:00 | EDT | SCH - NPX_1385              | 325277 | BASE CASE                  | 2.79    |
| 08/19/2011 13:00 | EDT | SCH - NPX_1385              | 325277 | BASE CASE                  | 8.91    |
| 08/19/2011 14:00 | EDT | SCH - NPX_1385              | 325277 | BASE CASE                  | 19.16   |
| 08/19/2011 15:00 | EDT | SCH - NPX_1385              | 325277 | BASE CASE                  | 27.2    |
| 08/19/2011 16:00 | EDT | SCH - NPX_1385              | 325277 | BASE CASE                  | 26.56   |
| 08/19/2011 17:00 | EDT | SCH - NPX_1385              | 325277 | BASE CASE                  | 8.12    |
| 08/19/2011 02:00 | EDT | SCH - PJ - NY               | 23316  | BASE CASE                  | 1.72    |
| 08/19/2011 03:00 | EDT | SCH - PJ - NY               | 23316  | BASE CASE                  | 1.68    |
| 08/19/2011 04:00 | EDT | SCH - PJ - NY               | 23316  | BASE CASE                  | 1.77    |
| 08/19/2011 20:00 | EDT | SPRNBK 345 EGRDNCTR 345 1   | 25105  | BASE CASE                  | 0.08    |
| 08/19/2011 21:00 | EDT | SPRNBK 345 EGRDNCTR 345 1   | 25105  | BASE CASE                  | 2.04    |
| 08/19/2011 22:00 | EDT | SPRNBK 345 EGRDNCTR 345 1   | 25105  | BASE CASE                  | 2.45    |
| 08/19/2011 23:00 | EDT | SPRNBK 345 EGRDNCTR 345 1   | 25105  | BASE CASE                  | 0.94    |
| 08/19/2011 21:00 | EDT | TREMONT 345 SPRNBK 345 1    | 25175  | BASE CASE                  | -0.22   |
| 08/19/2011 03:00 | EDT | HQTL ACTIVE DNI             | 980    | ACTIVE DNI                 | -0.62   |
| 08/19/2011 23:00 | EDT | HQTL ACTIVE DNI             | 980    | ACTIVE DNI                 | -0.42   |
| 08/19/2011 08:00 | EDT | PJAC ACTIVE DNI             | 994    | ACTIVE DNI                 | -0.97   |
| 08/19/2011 13:00 | EDT | PJAC ACTIVE DNI             | 994    | ACTIVE DNI                 | 0.6     |
| 08/19/2011 12:00 | EDT | PLSNTVLY 345 LEEDS 345 1    | 25056  | ATHENS_-PLSNTVLY_345_91    | -1.32   |
| 08/19/2011 13:00 | EDT | PLSNTVLY 345 LEEDS 345 1    | 25056  | ATHENS_-PLSNTVLY_345_91    | -27.14  |
| 08/19/2011 14:00 | EDT | PLSNTVLY 345 LEEDS 345 1    | 25056  | ATHENS_-PLSNTVLY_345_91    | -44.35  |
| 08/19/2011 17:00 | EDT | PLSNTVLY 345 LEEDS 345 1    | 25056  | ATHENS_-PLSNTVLY_345_91    | -23.53  |
| 08/19/2011 18:00 | EDT | PLSNTVLY 345 LEEDS 345 1    | 25056  | ATHENS_-PLSNTVLY_345_91    | -8.4    |
| 08/19/2011 07:00 | EDT | SPRNBK 345 EGRDNCTR 345 1   | 25105  | DUNWODIE-SHORE_RD_345_Y50  | 0.24    |
| 08/19/2011 08:00 | EDT | SPRNBK 345 EGRDNCTR 345 1   | 25105  | DUNWODIE-SHORE_RD_345_Y50  | 0.94    |
| 08/19/2011 09:00 | EDT | SPRNBK 345 EGRDNCTR 345 1   | 25105  | DUNWODIE-SHORE_RD_345_Y50  | 1.31    |
| 08/19/2011 00:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244  | FREEPORT-NEWBRDGE_138_461  | 0.11    |
| 08/19/2011 07:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244  | FREEPORT-NEWBRDGE_138_461  | 1.75    |
| 08/19/2011 08:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244  | FREEPORT-NEWBRDGE_138_461  | 1.17    |
| 08/19/2011 22:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244  | FREEPORT-NEWBRDGE_138_461  | 0.08    |
| 08/19/2011 23:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244  | FREEPORT-NEWBRDGE_138_461  | 6.73    |
| 08/19/2011 10:00 | EDT | MOTTHAVN 345 RAINEY 345 2   | 325431 | MOTTHAVN-RAINEY___345_Q11  | 7.68    |
| 08/19/2011 12:00 | EDT | MOTTHAVN 345 RAINEY 345 2   | 325431 | MOTTHAVN-RAINEY___345_Q11  | 0.03    |
| 08/19/2011 18:00 | EDT | MOTTHAVN 345 RAINEY 345 2   | 325431 | MOTTHAVN-RAINEY___345_Q11  | 0.03    |
| 08/19/2011 20:00 | EDT | MOTTHAVN 345 RAINEY 345 2   | 325431 | MOTTHAVN-RAINEY___345_Q11  | 0.02    |
| 08/19/2011 21:00 | EDT | MOTTHAVN 345 RAINEY 345 2   | 325431 | MOTTHAVN-RAINEY___345_Q11  | 0.44    |
| 08/19/2011 11:00 | EDT | MOTTHAVN 345 RAINEY 345 1   | 325430 | MOTTHAVN-RAINEY___345_Q12  | 2.09    |
| 08/19/2011 10:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171  | N.SCTLND-LEEDS___345_94-LN | -5.98   |
| 08/19/2011 11:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171  | N.SCTLND-LEEDS___345_94-LN | -23.9   |
| 08/19/2011 12:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171  | N.SCTLND-LEEDS___345_94-LN | -30.62  |
| 08/19/2011 13:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171  | N.SCTLND-LEEDS___345_94-LN | -42.7   |
| 08/19/2011 14:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171  | N.SCTLND-LEEDS___345_94-LN | -69.73  |
| 08/19/2011 15:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171  | N.SCTLND-LEEDS___345_94-LN | -122.18 |
| 08/19/2011 16:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171  | N.SCTLND-LEEDS___345_94-LN | -124.19 |
| 08/19/2011 17:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171  | N.SCTLND-LEEDS___345_94-LN | -48.46  |
| 08/19/2011 18:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171  | N.SCTLND-LEEDS___345_94-LN | -21.62  |
| 08/19/2011 19:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171  | N.SCTLND-LEEDS___345_94-LN | -12.75  |
| 08/19/2011 20:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171  | N.SCTLND-LEEDS___345_94-LN | -9.87   |
| 08/19/2011 07:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2): Y49 & M29  | 0.57    |
| 08/19/2011 08:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2): Y49 & M29  | 1.28    |
| 08/19/2011 10:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2): Y49 & M29  | 0.02    |
| 08/19/2011 20:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2): Y49 & M29  | 0.2     |
| 08/19/2011 21:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2): Y49 & M29  | 4.38    |
| 08/19/2011 09:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SPRNBK-EGRDNCTR-Y49        | 1.5     |
| 08/19/2011 22:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SPRNBK-EGRDNCTR-Y49        | 5.23    |

|                  |     |                             |       |                           |        |
|------------------|-----|-----------------------------|-------|---------------------------|--------|
| 08/19/2011 23:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SPRNBK-EGRDNCTR-Y49       | 3.09   |
| 08/19/2011 07:00 | EDT | GOWANUSS 138 GREENWD 138 1  | 25215 | TWR:GOETHALS 22, 21,A2253 | 0.02   |
| 08/19/2011 08:00 | EDT | GOWANUSS 138 GREENWD 138 1  | 25215 | TWR:GOETHALS 22, 21,A2253 | 7.32   |
| 08/19/2011 09:00 | EDT | GOWANUSS 138 GREENWD 138 1  | 25215 | TWR:GOETHALS 22, 21,A2253 | 6.51   |
| 08/19/2011 19:00 | EDT | GOWANUSS 138 GREENWD 138 1  | 25215 | TWR:GOETHALS 22, 21,A2253 | 19.43  |
| 08/19/2011 20:00 | EDT | GOWANUSS 138 GREENWD 138 1  | 25215 | TWR:GOETHALS 22, 21,A2253 | 9.96   |
| 08/19/2011 21:00 | EDT | GOWANUSS 138 GREENWD 138 1  | 25215 | TWR:GOETHALS 22, 21,A2253 | 19.04  |
| 08/19/2011 22:00 | EDT | GOWANUSS 138 GREENWD 138 1  | 25215 | TWR:GOETHALS 22, 21,A2253 | 41.99  |
| 08/19/2011 23:00 | EDT | GOWANUSS 138 GREENWD 138 1  | 25215 | TWR:GOETHALS 22, 21,A2253 | 18.02  |
| 08/19/2011 22:00 | EDT | GREENWD 138 VERNON 138 1    | 25337 | TWR:GOETHALS 22, 21,A2253 | -13.2  |
| 08/19/2011 23:00 | EDT | GREENWD 138 VERNON 138 1    | 25337 | TWR:GOETHALS 22, 21,A2253 | -31.73 |