

# Day Ahead Limiting Constraints

| Time Stamp       | Time Zone | Limiting Facility           | Facility PTID | Contingency               | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|---------------------------|----------------------|
| 08/06/2013 11:00 | EDT       | E179THST 138 HELLTP_W 138 1 | 25288         | BASE CASE                 | 0.02                 |
| 08/06/2013 22:00 | EDT       | FREEPORT 138 NEWBRDGE 138 1 | 25155         | BASE CASE                 | -0.08                |
| 08/06/2013 06:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 0.02                 |
| 08/06/2013 07:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 0.02                 |
| 08/06/2013 08:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 0.02                 |
| 08/06/2013 09:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 11.41                |
| 08/06/2013 10:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 3.48                 |
| 08/06/2013 10:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25320         | BASE CASE                 | 2.85                 |
| 08/06/2013 11:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 4.88                 |
| 08/06/2013 12:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 0.02                 |
| 08/06/2013 13:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 13.14                |
| 08/06/2013 14:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 8.2                  |
| 08/06/2013 15:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 0.02                 |
| 08/06/2013 16:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 22.45                |
| 08/06/2013 17:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 8.84                 |
| 08/06/2013 18:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 41.66                |
| 08/06/2013 19:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 44.7                 |
| 08/06/2013 20:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 35.57                |
| 08/06/2013 21:00 | EDT       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 63.36                |
| 08/06/2013 13:00 | EDT       | SCH - HQ - NY               | 23324         | BASE CASE                 | 1.7                  |
| 08/06/2013 14:00 | EDT       | SCH - HQ - NY               | 23324         | BASE CASE                 | 2.57                 |
| 08/06/2013 15:00 | EDT       | SCH - HQ - NY               | 23324         | BASE CASE                 | 1.4                  |
| 08/06/2013 16:00 | EDT       | SCH - HQ - NY               | 23324         | BASE CASE                 | 2.3                  |
| 08/06/2013 17:00 | EDT       | SCH - HQ - NY               | 23324         | BASE CASE                 | 2.24                 |
| 08/06/2013 11:00 | EDT       | SCH - HQ_CEDARS             | 325274        | BASE CASE                 | 0.87                 |
| 08/06/2013 12:00 | EDT       | SCH - HQ_CEDARS             | 325274        | BASE CASE                 | 2.12                 |
| 08/06/2013 13:00 | EDT       | SCH - HQ_CEDARS             | 325274        | BASE CASE                 | 3.48                 |
| 08/06/2013 14:00 | EDT       | SCH - HQ_CEDARS             | 325274        | BASE CASE                 | 4.24                 |
| 08/06/2013 15:00 | EDT       | SCH - HQ_CEDARS             | 325274        | BASE CASE                 | 3.6                  |
| 08/06/2013 16:00 | EDT       | SCH - HQ_CEDARS             | 325274        | BASE CASE                 | 4.39                 |
| 08/06/2013 17:00 | EDT       | SCH - HQ_CEDARS             | 325274        | BASE CASE                 | 3.36                 |
| 08/06/2013 18:00 | EDT       | SCH - HQ_CEDARS             | 325274        | BASE CASE                 | 0.06                 |
| 08/06/2013 20:00 | EDT       | SCH - HQ_CEDARS             | 325274        | BASE CASE                 | 1.08                 |
| 08/06/2013 23:00 | EDT       | SCH - HQ_CEDARS             | 325274        | BASE CASE                 | 0.68                 |
| 08/06/2013 16:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE                 | 0.6                  |
| 08/06/2013 08:00 | EDT       | SPRNBK 345 EGRDNCTR 345 1   | 25105         | BASE CASE                 | 0.02                 |
| 08/06/2013 10:00 | EDT       | SPRNBK 345 EGRDNCTR 345 1   | 25105         | BASE CASE                 | 0.54                 |
| 08/06/2013 11:00 | EDT       | SPRNBK 345 EGRDNCTR 345 1   | 25105         | BASE CASE                 | 1.18                 |
| 08/06/2013 14:00 | EDT       | SPRNBK 345 EGRDNCTR 345 1   | 25105         | BASE CASE                 | 0.94                 |
| 08/06/2013 15:00 | EDT       | SPRNBK 345 EGRDNCTR 345 1   | 25105         | BASE CASE                 | 0.31                 |
| 08/06/2013 16:00 | EDT       | SPRNBK 345 EGRDNCTR 345 1   | 25105         | BASE CASE                 | 0.83                 |
| 08/06/2013 17:00 | EDT       | SPRNBK 345 EGRDNCTR 345 1   | 25105         | BASE CASE                 | 0.17                 |
| 08/06/2013 18:00 | EDT       | SPRNBK 345 EGRDNCTR 345 1   | 25105         | BASE CASE                 | 1.99                 |
| 08/06/2013 19:00 | EDT       | SPRNBK 345 EGRDNCTR 345 1   | 25105         | BASE CASE                 | 1.53                 |
| 08/06/2013 20:00 | EDT       | SPRNBK 345 EGRDNCTR 345 1   | 25105         | BASE CASE                 | 0.32                 |
| 08/06/2013 21:00 | EDT       | SPRNBK 345 EGRDNCTR 345 1   | 25105         | BASE CASE                 | 2.15                 |
| 08/06/2013 22:00 | EDT       | SPRNBK 345 EGRDNCTR 345 1   | 25105         | BASE CASE                 | 0.8                  |
| 08/06/2013 23:00 | EDT       | SPRNBK 345 EGRDNCTR 345 1   | 25105         | BASE CASE                 | 0.33                 |
| 08/06/2013 06:00 | EDT       | NYCA ACTIVE DNI             | 990           | ACTIVE DNI                | 0.72                 |
| 08/06/2013 23:00 | EDT       | NYCA ACTIVE DNI             | 990           | ACTIVE DNI                | -0.08                |
| 08/06/2013 12:00 | EDT       | PLSNTVLY 345 LEEDS 345 1    | 25056         | ATHENS__PLSNTVLY_345_91   | -7.04                |
| 08/06/2013 13:00 | EDT       | PLSNTVLY 345 LEEDS 345 1    | 25056         | ATHENS__PLSNTVLY_345_91   | -5.49                |
| 08/06/2013 14:00 | EDT       | PLSNTVLY 345 LEEDS 345 1    | 25056         | ATHENS__PLSNTVLY_345_91   | -6.5                 |
| 08/06/2013 15:00 | EDT       | PLSNTVLY 345 LEEDS 345 1    | 25056         | ATHENS__PLSNTVLY_345_91   | -16.69               |
| 08/06/2013 16:00 | EDT       | PLSNTVLY 345 LEEDS 345 1    | 25056         | ATHENS__PLSNTVLY_345_91   | -13.36               |
| 08/06/2013 17:00 | EDT       | PLSNTVLY 345 LEEDS 345 1    | 25056         | ATHENS__PLSNTVLY_345_91   | -10.33               |
| 08/06/2013 22:00 | EDT       | EGRDNCTY 138 VALLYSTR 138 1 | 25244         | FREEPORT-NEWBRDGE_138_461 | 0.93                 |
| 08/06/2013 08:00 | EDT       | MOTTHAVN 345 RAINEY 345 1   | 325430        | MOTTHAVN-RAINEY__345_Q12  | 0.02                 |
| 08/06/2013 09:00 | EDT       | MOTTHAVN 345 RAINEY 345 1   | 325430        | MOTTHAVN-RAINEY__345_Q12  | 0.03                 |
| 08/06/2013 10:00 | EDT       | MOTTHAVN 345 RAINEY 345 1   | 325430        | MOTTHAVN-RAINEY__345_Q12  | 0.03                 |

|                  |     |                             |        |                               |        |
|------------------|-----|-----------------------------|--------|-------------------------------|--------|
| 08/06/2013 11:00 | EDT | MOTTHAVN 345 RAINEY 345 1   | 325430 | MOTTHAVN-RAINEY___345_Q12     | 0.04   |
| 08/06/2013 12:00 | EDT | PACKARD 230 SAWYER 230 1    | 25195  | PACKARD_-SAWYER__230_77       | 12.16  |
| 08/06/2013 13:00 | EDT | PACKARD 230 SAWYER 230 1    | 25195  | PACKARD_-SAWYER__230_77       | 16.03  |
| 08/06/2013 14:00 | EDT | PACKARD 230 SAWYER 230 1    | 25195  | PACKARD_-SAWYER__230_77       | 12.19  |
| 08/06/2013 16:00 | EDT | GREENWD 138 VERNON 138 1    | 25337  | SCB:GOWANUS(22):42231&G27&BEC | -11.19 |
| 08/06/2013 05:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.02   |
| 08/06/2013 08:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.06   |
| 08/06/2013 09:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.02   |
| 08/06/2013 10:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.22   |
| 08/06/2013 11:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.25   |
| 08/06/2013 14:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.1    |
| 08/06/2013 15:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.14   |
| 08/06/2013 16:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.1    |
| 08/06/2013 17:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.15   |
| 08/06/2013 18:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.16   |
| 08/06/2013 19:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.15   |
| 08/06/2013 20:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.15   |
| 08/06/2013 21:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.14   |
| 08/06/2013 22:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.22   |
| 08/06/2013 23:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SCB:SPBK(RNS2):Y49 & M29      | 0.17   |
| 08/06/2013 10:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SPRNBK-EGRDNCTR-Y49           | 0.92   |
| 08/06/2013 11:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SPRNBK-EGRDNCTR-Y49           | 2.19   |
| 08/06/2013 14:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SPRNBK-EGRDNCTR-Y49           | 1.86   |
| 08/06/2013 15:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SPRNBK-EGRDNCTR-Y49           | 0.51   |
| 08/06/2013 16:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SPRNBK-EGRDNCTR-Y49           | 1.63   |
| 08/06/2013 17:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SPRNBK-EGRDNCTR-Y49           | 0.22   |
| 08/06/2013 18:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SPRNBK-EGRDNCTR-Y49           | 3.93   |
| 08/06/2013 19:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SPRNBK-EGRDNCTR-Y49           | 3.01   |
| 08/06/2013 20:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SPRNBK-EGRDNCTR-Y49           | 0.53   |
| 08/06/2013 21:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SPRNBK-EGRDNCTR-Y49           | 4.27   |
| 08/06/2013 22:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SPRNBK-EGRDNCTR-Y49           | 1.59   |
| 08/06/2013 23:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091  | SPRNBK-EGRDNCTR-Y49           | 0.53   |
| 08/06/2013 22:00 | EDT | GOWANUS 138 GOWANUS 138 1   | 25793  | TWR:GOETHALS 22, 21,A2253     | -16.05 |
| 08/06/2013 22:00 | EDT | GOWANUS 138 GOWANUS 138 1   | 25794  | TWR:GOETHALS 22, 21,A2253     | -16.05 |
| 08/06/2013 23:00 | EDT | GOWANUS 138 GOWANUS 138 1   | 25794  | TWR:GOETHALS 22, 21,A2253     | -19.28 |
| 08/06/2013 23:00 | EDT | GOWANUS 138 GOWANUS 138 1   | 25793  | TWR:GOETHALS 22, 21,A2253     | -19.28 |
| 08/06/2013 09:00 | EDT | GREENWD 138 VERNON 138 1    | 25337  | TWR:GOETHALS 22, 21,A2253     | -8.26  |
| 08/06/2013 10:00 | EDT | GREENWD 138 VERNON 138 1    | 25337  | TWR:GOETHALS 22, 21,A2253     | -4.58  |
| 08/06/2013 11:00 | EDT | GREENWD 138 VERNON 138 1    | 25337  | TWR:GOETHALS 22, 21,A2253     | -3.52  |
| 08/06/2013 13:00 | EDT | GREENWD 138 VERNON 138 1    | 25337  | TWR:GOETHALS 22, 21,A2253     | -9.52  |
| 08/06/2013 14:00 | EDT | GREENWD 138 VERNON 138 1    | 25337  | TWR:GOETHALS 22, 21,A2253     | -5.94  |
| 08/06/2013 17:00 | EDT | GREENWD 138 VERNON 138 1    | 25337  | TWR:GOETHALS 22, 21,A2253     | -6.4   |
| 08/06/2013 18:00 | EDT | GREENWD 138 VERNON 138 1    | 25337  | TWR:GOETHALS 22, 21,A2253     | -30.23 |
| 08/06/2013 19:00 | EDT | GREENWD 138 VERNON 138 1    | 25337  | TWR:GOETHALS 22, 21,A2253     | -32.43 |
| 08/06/2013 20:00 | EDT | GREENWD 138 VERNON 138 1    | 25337  | TWR:GOETHALS 22, 21,A2253     | -25.81 |
| 08/06/2013 21:00 | EDT | GREENWD 138 VERNON 138 1    | 25337  | TWR:GOETHALS 22, 21,A2253     | -45.98 |
| 08/06/2013 22:00 | EDT | GREENWD 138 VERNON 138 1    | 25337  | TWR:GOETHALS 22, 21,A2253     | -16.04 |
| 08/06/2013 23:00 | EDT | GREENWD 138 VERNON 138 1    | 25337  | TWR:GOETHALS 22, 21,A2253     | -19.28 |