

# Day Ahead Limiting Constraints

| Time Stamp       | Time Zone | Limiting Facility           | Facility PTID | Contingency             | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|-------------------------|----------------------|
| 05/19/2015 00:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 5.36                 |
| 05/19/2015 01:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 5.64                 |
| 05/19/2015 02:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 5.99                 |
| 05/19/2015 03:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 5.22                 |
| 05/19/2015 04:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 5.67                 |
| 05/19/2015 05:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 5.53                 |
| 05/19/2015 06:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 4.52                 |
| 05/19/2015 07:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 2.32                 |
| 05/19/2015 08:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 1.6                  |
| 05/19/2015 09:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 0.51                 |
| 05/19/2015 16:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 1.52                 |
| 05/19/2015 17:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 7.25                 |
| 05/19/2015 18:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 6.38                 |
| 05/19/2015 19:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 2.61                 |
| 05/19/2015 20:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 1.52                 |
| 05/19/2015 21:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 2.96                 |
| 05/19/2015 22:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 3.76                 |
| 05/19/2015 23:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE               | 4.33                 |
| 05/19/2015 02:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.02                |
| 05/19/2015 03:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.02                |
| 05/19/2015 04:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.02                |
| 05/19/2015 05:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.02                |
| 05/19/2015 06:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.02                |
| 05/19/2015 09:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.03                |
| 05/19/2015 10:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.03                |
| 05/19/2015 11:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.03                |
| 05/19/2015 12:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.03                |
| 05/19/2015 13:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.03                |
| 05/19/2015 14:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.03                |
| 05/19/2015 15:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.03                |
| 05/19/2015 16:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.03                |
| 05/19/2015 17:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.03                |
| 05/19/2015 18:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.03                |
| 05/19/2015 19:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.03                |
| 05/19/2015 20:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.03                |
| 05/19/2015 21:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.03                |
| 05/19/2015 22:00 | EDT       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE               | -0.02                |
| 05/19/2015 00:00 | EDT       | RAINEY 138 VERNON 138 1     | 25297         | BASE CASE               | 0.02                 |
| 05/19/2015 01:00 | EDT       | RAINEY 138 VERNON 138 1     | 25297         | BASE CASE               | 0.02                 |
| 05/19/2015 07:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 08:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 09:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 10:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 11:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 12:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 13:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 16:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 17:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 18:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 19:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 20:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 21:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 22:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 23:00 | EDT       | GREENWD 138 VERNON 138 1    | 25337         | BASE CASE               | -0.02                |
| 05/19/2015 15:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE               | 0.08                 |
| 05/19/2015 16:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE               | 0.15                 |
| 05/19/2015 17:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE               | 8.73                 |
| 05/19/2015 18:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE               | 5.39                 |
| 05/19/2015 20:00 | EDT       | SCH - NPX_1385              | 325277        | BASE CASE               | 0.08                 |
| 05/19/2015 10:00 | EDT       | PLSNTVLY 345 LEEDS 345 1    | 25056         | ATHENS__PLSNTVLY_345_91 | -2.2                 |
| 05/19/2015 11:00 | EDT       | PLSNTVLY 345 LEEDS 345 1    | 25056         | ATHENS__PLSNTVLY_345_91 | -14.98               |
| 05/19/2015 12:00 | EDT       | PLSNTVLY 345 LEEDS 345 1    | 25056         | ATHENS__PLSNTVLY_345_91 | -10.88               |
| 05/19/2015 13:00 | EDT       | PLSNTVLY 345 LEEDS 345 1    | 25056         | ATHENS__PLSNTVLY_345_91 | -11.56               |

|                  |     |                             |       |                            |        |
|------------------|-----|-----------------------------|-------|----------------------------|--------|
| 05/19/2015 14:00 | EDT | PLSNTVLY 345 LEEDS 345 1    | 25056 | ATHENS_-PLSNTVLY_345_91    | -22.42 |
| 05/19/2015 15:00 | EDT | PLSNTVLY 345 LEEDS 345 1    | 25056 | ATHENS_-PLSNTVLY_345_91    | -3.49  |
| 05/19/2015 16:00 | EDT | PLSNTVLY 345 LEEDS 345 1    | 25056 | ATHENS_-PLSNTVLY_345_91    | -20.5  |
| 05/19/2015 17:00 | EDT | PLSNTVLY 345 LEEDS 345 1    | 25056 | ATHENS_-PLSNTVLY_345_91    | -29.35 |
| 05/19/2015 18:00 | EDT | PLSNTVLY 345 LEEDS 345 1    | 25056 | ATHENS_-PLSNTVLY_345_91    | -15.21 |
| 05/19/2015 19:00 | EDT | PLSNTVLY 345 LEEDS 345 1    | 25056 | ATHENS_-PLSNTVLY_345_91    | -14.86 |
| 05/19/2015 20:00 | EDT | PLSNTVLY 345 LEEDS 345 1    | 25056 | ATHENS_-PLSNTVLY_345_91    | -17.06 |
| 05/19/2015 00:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 8.28   |
| 05/19/2015 01:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 8.72   |
| 05/19/2015 02:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 9.27   |
| 05/19/2015 03:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 8.08   |
| 05/19/2015 04:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 8.77   |
| 05/19/2015 05:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 8.55   |
| 05/19/2015 06:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 6.99   |
| 05/19/2015 07:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 3.59   |
| 05/19/2015 08:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 2.49   |
| 05/19/2015 09:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 0.8    |
| 05/19/2015 16:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 2.37   |
| 05/19/2015 17:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 11.21  |
| 05/19/2015 18:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 9.87   |
| 05/19/2015 19:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 4.04   |
| 05/19/2015 20:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 2.36   |
| 05/19/2015 21:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 4.58   |
| 05/19/2015 22:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 5.81   |
| 05/19/2015 23:00 | EDT | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | DUNWODIE-SHORE_RD_345_Y50  | 6.58   |
| 05/19/2015 23:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRIDGE_138_461 | 1.06   |
| 05/19/2015 09:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171 | N.SCTLND-LEEDS___345_94-LN | -18.59 |
| 05/19/2015 10:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171 | N.SCTLND-LEEDS___345_94-LN | -16.56 |
| 05/19/2015 11:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171 | N.SCTLND-LEEDS___345_94-LN | -2.89  |
| 05/19/2015 12:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171 | N.SCTLND-LEEDS___345_94-LN | -9.26  |
| 05/19/2015 13:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171 | N.SCTLND-LEEDS___345_94-LN | -11.45 |
| 05/19/2015 14:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171 | N.SCTLND-LEEDS___345_94-LN | -18.43 |
| 05/19/2015 15:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171 | N.SCTLND-LEEDS___345_94-LN | -34.74 |
| 05/19/2015 16:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171 | N.SCTLND-LEEDS___345_94-LN | -0.41  |
| 05/19/2015 22:00 | EDT | LEEDS 345 N.SCTLND 345 1    | 25171 | N.SCTLND-LEEDS___345_94-LN | -2.88  |
| 05/19/2015 09:00 | EDT | PACKARD 230 SAWYER 230 1    | 25195 | PACKARD_-SAWYER___230_77   | 14.07  |
| 05/19/2015 16:00 | EDT | PACKARD 230 SAWYER 230 1    | 25195 | PACKARD_-SAWYER___230_77   | 17.5   |
| 05/19/2015 20:00 | EDT | PACKARD 230 SAWYER 230 1    | 25195 | PACKARD_-SAWYER___230_77   | 36.2   |
| 05/19/2015 21:00 | EDT | PACKARD 230 SAWYER 230 1    | 25195 | PACKARD_-SAWYER___230_77   | 50.73  |
| 05/19/2015 07:00 | EDT | NIAGARA 230 PACKARD 230 1   | 25186 | TWR:PACKARD 62 & BP76      | 17.04  |
| 05/19/2015 08:00 | EDT | NIAGARA 230 PACKARD 230 1   | 25186 | TWR:PACKARD 62 & BP76      | 22.42  |
| 05/19/2015 09:00 | EDT | NIAGARA 230 PACKARD 230 1   | 25186 | TWR:PACKARD 62 & BP76      | 11.82  |
| 05/19/2015 10:00 | EDT | NIAGARA 230 PACKARD 230 1   | 25186 | TWR:PACKARD 62 & BP76      | 26.56  |
| 05/19/2015 11:00 | EDT | NIAGARA 230 PACKARD 230 1   | 25186 | TWR:PACKARD 62 & BP76      | 27.34  |
| 05/19/2015 12:00 | EDT | NIAGARA 230 PACKARD 230 1   | 25186 | TWR:PACKARD 62 & BP76      | 24.38  |
| 05/19/2015 13:00 | EDT | NIAGARA 230 PACKARD 230 1   | 25186 | TWR:PACKARD 62 & BP76      | 18.96  |
| 05/19/2015 14:00 | EDT | NIAGARA 230 PACKARD 230 1   | 25186 | TWR:PACKARD 62 & BP76      | 29.36  |
| 05/19/2015 15:00 | EDT | NIAGARA 230 PACKARD 230 1   | 25186 | TWR:PACKARD 62 & BP76      | 26.62  |
| 05/19/2015 18:00 | EDT | NIAGARA 230 PACKARD 230 1   | 25186 | TWR:PACKARD 62 & BP76      | 25.94  |