

# Day Ahead Limiting Constraints

| Time Stamp       | Time Zone | Limiting Facility           | Facility PTID | Contingency               | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|---------------------------|----------------------|
| 12/27/2011 04:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                 | 0.98                 |
| 12/27/2011 05:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                 | 0.82                 |
| 12/27/2011 06:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                 | 1.01                 |
| 12/27/2011 07:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                 | 6.97                 |
| 12/27/2011 07:00 | EST       | E179THST 138 HELLTP_W 138 1 | 25288         | BASE CASE                 | 0.02                 |
| 12/27/2011 08:00 | EST       | E179THST 138 HELLTP_W 138 1 | 25288         | BASE CASE                 | 0.02                 |
| 12/27/2011 09:00 | EST       | E179THST 138 HELLTP_W 138 1 | 25288         | BASE CASE                 | 3.1                  |
| 12/27/2011 10:00 | EST       | E179THST 138 HELLTP_W 138 1 | 25288         | BASE CASE                 | 1.7                  |
| 12/27/2011 11:00 | EST       | E179THST 138 HELLTP_W 138 1 | 25288         | BASE CASE                 | 2.31                 |
| 12/27/2011 12:00 | EST       | E179THST 138 HELLTP_W 138 1 | 25288         | BASE CASE                 | 0.72                 |
| 12/27/2011 13:00 | EST       | E179THST 138 HELLTP_W 138 1 | 25288         | BASE CASE                 | 0.02                 |
| 12/27/2011 14:00 | EST       | E179THST 138 HELLTP_W 138 1 | 25288         | BASE CASE                 | 0.02                 |
| 12/27/2011 15:00 | EST       | E179THST 138 HELLTP_W 138 1 | 25288         | BASE CASE                 | 3.58                 |
| 12/27/2011 16:00 | EST       | E179THST 138 HELLTP_W 138 1 | 25288         | BASE CASE                 | 0.32                 |
| 12/27/2011 10:00 | EST       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE                 | -0.05                |
| 12/27/2011 11:00 | EST       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE                 | -0.05                |
| 12/27/2011 12:00 | EST       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE                 | -0.05                |
| 12/27/2011 13:00 | EST       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE                 | -0.05                |
| 12/27/2011 14:00 | EST       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE                 | -0.05                |
| 12/27/2011 15:00 | EST       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE                 | -0.05                |
| 12/27/2011 17:00 | EST       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE                 | -0.05                |
| 12/27/2011 18:00 | EST       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE                 | -0.05                |
| 12/27/2011 19:00 | EST       | FARRAGUT 138 HUDS_AVE 138 1 | 25292         | BASE CASE                 | -0.05                |
| 12/27/2011 09:00 | EST       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 6.19                 |
| 12/27/2011 10:00 | EST       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 7.94                 |
| 12/27/2011 11:00 | EST       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 5.03                 |
| 12/27/2011 12:00 | EST       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 3.32                 |
| 12/27/2011 15:00 | EST       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 10.97                |
| 12/27/2011 16:00 | EST       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 18.52                |
| 12/27/2011 17:00 | EST       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 6.9                  |
| 12/27/2011 18:00 | EST       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 0.03                 |
| 12/27/2011 19:00 | EST       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 4.84                 |
| 12/27/2011 20:00 | EST       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 29.04                |
| 12/27/2011 21:00 | EST       | FRESHKLS 138 WILLWBRK 138 1 | 25319         | BASE CASE                 | 4.4                  |
| 12/27/2011 17:00 | EST       | GOETHSLN 345 GOWANUS 345 1  | 25139         | BASE CASE                 | 3.43                 |
| 12/27/2011 09:00 | EST       | RAINEY 138 VERNON 138 1     | 25297         | BASE CASE                 | 3.09                 |
| 12/27/2011 11:00 | EST       | RAINEY 138 VERNON 138 1     | 25297         | BASE CASE                 | 2.14                 |
| 12/27/2011 15:00 | EST       | RAINEY 138 VERNON 138 1     | 25297         | BASE CASE                 | 2.14                 |
| 12/27/2011 20:00 | EST       | RAINEY 138 VERNON 138 1     | 25297         | BASE CASE                 | 5.04                 |
| 12/27/2011 17:00 | EST       | SCH - NPX_1385              | 325277        | BASE CASE                 | 2.1                  |
| 12/27/2011 18:00 | EST       | SCH - NPX_1385              | 325277        | BASE CASE                 | 7.45                 |
| 12/27/2011 21:00 | EST       | SCH - NPX_1385              | 325277        | BASE CASE                 | 3.33                 |
| 12/27/2011 22:00 | EST       | SCH - NPX_1385              | 325277        | BASE CASE                 | 3.14                 |
| 12/27/2011 23:00 | EST       | SCH - NPX_1385              | 325277        | BASE CASE                 | 2.78                 |
| 12/27/2011 23:00 | EST       | HQTL ACTIVE DNI             | 980           | ACTIVE DNI                | -2.18                |
| 12/27/2011 18:00 | EST       | FRESHKLS 345 FRESHKLS 138 1 | 25458         | MTN:26 O/S FRESHKLS SCB 2 | 1.41                 |
| 12/27/2011 00:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | NEPTUNE HVDC TIE LINE     | 2.65                 |
| 12/27/2011 01:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | NEPTUNE HVDC TIE LINE     | 0.87                 |
| 12/27/2011 02:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | NEPTUNE HVDC TIE LINE     | 0.16                 |
| 12/27/2011 03:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | NEPTUNE HVDC TIE LINE     | 0.2                  |
| 12/27/2011 04:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | NEPTUNE HVDC TIE LINE     | 0.38                 |
| 12/27/2011 05:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | NEPTUNE HVDC TIE LINE     | 1.62                 |
| 12/27/2011 06:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | NEPTUNE HVDC TIE LINE     | 6.47                 |
| 12/27/2011 07:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | NEPTUNE HVDC TIE LINE     | 0.91                 |
| 12/27/2011 08:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | NEPTUNE HVDC TIE LINE     | 6.35                 |
| 12/27/2011 09:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | NEPTUNE HVDC TIE LINE     | 9.08                 |
| 12/27/2011 10:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | NEPTUNE HVDC TIE LINE     | 12.59                |
| 12/27/2011 11:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | NEPTUNE HVDC TIE LINE     | 11.83                |
| 12/27/2011 12:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | NEPTUNE HVDC TIE LINE     | 9.76                 |
| 12/27/2011 13:00 | EST       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | NEPTUNE HVDC TIE LINE     | 10.33                |

|                  |     |                             |       |                                |        |
|------------------|-----|-----------------------------|-------|--------------------------------|--------|
| 12/27/2011 14:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE          | 10.61  |
| 12/27/2011 15:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE          | 10.07  |
| 12/27/2011 16:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE          | 16.5   |
| 12/27/2011 17:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE          | 22.17  |
| 12/27/2011 18:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE          | 32.54  |
| 12/27/2011 19:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE          | 23.71  |
| 12/27/2011 20:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE          | 16.26  |
| 12/27/2011 21:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE          | 15.51  |
| 12/27/2011 22:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE          | 13.93  |
| 12/27/2011 23:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | NEPTUNE HVDC TIE LINE          | 11.09  |
| 12/27/2011 22:00 | EST | GREENWD 138 KENTAVE 138 1   | 25299 | SCB:GOETH(1N):41&25&22&R2&A225 | -0.03  |
| 12/27/2011 20:00 | EST | KENTAVE 138 VERNON 138 1    | 26123 | SCB:GOETH(1N):41&25&22&R2&A225 | -2.2   |
| 12/27/2011 21:00 | EST | GOWANUS 138 GREENWD 138 1   | 25214 | TWR:GOETHALS 22, 21,A2253      | 11.72  |
| 12/27/2011 11:00 | EST | GREENWD 138 KENTAVE 138 1   | 25299 | TWR:GOETHALS 22, 21,A2253      | -0.95  |
| 12/27/2011 16:00 | EST | GREENWD 138 VERNON 138 1    | 25337 | TWR:GOETHALS 22, 21,A2253      | -15.76 |
| 12/27/2011 17:00 | EST | GREENWD 138 VERNON 138 1    | 25337 | TWR:GOETHALS 22, 21,A2253      | -0.05  |
| 12/27/2011 18:00 | EST | GREENWD 138 VERNON 138 1    | 25337 | TWR:GOETHALS 22, 21,A2253      | -0.05  |
| 12/27/2011 19:00 | EST | GREENWD 138 VERNON 138 1    | 25337 | TWR:GOETHALS 22, 21,A2253      | -4.52  |
| 12/27/2011 20:00 | EST | GREENWD 138 VERNON 138 1    | 25337 | TWR:GOETHALS 22, 21,A2253      | -40.8  |
| 12/27/2011 21:00 | EST | GREENWD 138 VERNON 138 1    | 25337 | TWR:GOETHALS 22, 21,A2253      | -15.79 |
| 12/27/2011 10:00 | EST | KENTAVE 138 VERNON 138 1    | 26123 | TWR:GOETHALS 22, 21,A2253      | -10.13 |
| 12/27/2011 12:00 | EST | KENTAVE 138 VERNON 138 1    | 26123 | TWR:GOETHALS 22, 21,A2253      | -4.25  |
| 12/27/2011 15:00 | EST | KENTAVE 138 VERNON 138 1    | 26123 | TWR:GOETHALS 22, 21,A2253      | -8.53  |
| 12/27/2011 16:00 | EST | KENTAVE 138 VERNON 138 1    | 26123 | TWR:GOETHALS 22, 21,A2253      | -17.72 |
| 12/27/2011 19:00 | EST | KENTAVE 138 VERNON 138 1    | 26123 | TWR:GOETHALS 22, 21,A2253      | -4.47  |
| 12/27/2011 20:00 | EST | KENTAVE 138 VERNON 138 1    | 26123 | TWR:GOETHALS 22, 21,A2253      | -8.52  |
| 12/27/2011 21:00 | EST | KENTAVE 138 VERNON 138 1    | 26123 | TWR:GOETHALS 22, 21,A2253      | -15.84 |