

# Day Ahead Limiting Constraints

| Time Stamp       | Time Zone | Limiting Facility           | Facility PTID | Contingency                   | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|-------------------------------|----------------------|
| 06/05/2015 14:00 | EDT       | SCH - HQ - NY               | 23324         | BASE CASE                     | 0.18                 |
| 06/05/2015 23:00 | EDT       | CENTRAL EAST - VC           | 23330         | BASE CASE                     | 5.38                 |
| 06/05/2015 00:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 4.7                  |
| 06/05/2015 01:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 4.25                 |
| 06/05/2015 02:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 4.19                 |
| 06/05/2015 03:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 3.92                 |
| 06/05/2015 04:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 4.92                 |
| 06/05/2015 05:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 5.35                 |
| 06/05/2015 06:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 4.15                 |
| 06/05/2015 07:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 3.05                 |
| 06/05/2015 08:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 2.01                 |
| 06/05/2015 09:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 0.96                 |
| 06/05/2015 11:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 0.27                 |
| 06/05/2015 18:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 0.22                 |
| 06/05/2015 19:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 2.21                 |
| 06/05/2015 20:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 1.87                 |
| 06/05/2015 21:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 2.7                  |
| 06/05/2015 22:00 | EDT       | DUNWODIE 345 SHORE_RD 345 1 | 25091         | BASE CASE                     | 1.67                 |
| 06/05/2015 00:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 6.93                 |
| 06/05/2015 01:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 6.27                 |
| 06/05/2015 02:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 6.18                 |
| 06/05/2015 03:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 5.78                 |
| 06/05/2015 04:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 7.26                 |
| 06/05/2015 05:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 7.89                 |
| 06/05/2015 06:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 6.11                 |
| 06/05/2015 07:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 4.49                 |
| 06/05/2015 08:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 2.96                 |
| 06/05/2015 09:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 1.41                 |
| 06/05/2015 11:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 0.39                 |
| 06/05/2015 18:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 0.32                 |
| 06/05/2015 19:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 3.25                 |
| 06/05/2015 20:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 2.75                 |
| 06/05/2015 21:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 3.98                 |
| 06/05/2015 22:00 | EDT       | EGRDNCTY 345 EGRDNCTY 138 1 | 25551         | DUNWODIE-SHORE_RD_345_Y50     | 2.45                 |
| 06/05/2015 16:00 | EDT       | PACKARD 230 SAWYER 230 1    | 25195         | PACKARD_-SAWYER_230_77        | 85.48                |
| 06/05/2015 17:00 | EDT       | PACKARD 230 SAWYER 230 1    | 25195         | PACKARD_-SAWYER_230_77        | 78.55                |
| 06/05/2015 18:00 | EDT       | PACKARD 230 SAWYER 230 1    | 25195         | PACKARD_-SAWYER_230_77        | 64.91                |
| 06/05/2015 19:00 | EDT       | PACKARD 230 SAWYER 230 1    | 25195         | PACKARD_-SAWYER_230_77        | 23.28                |
| 06/05/2015 20:00 | EDT       | PACKARD 230 SAWYER 230 1    | 25195         | PACKARD_-SAWYER_230_77        | 36.83                |
| 06/05/2015 21:00 | EDT       | PACKARD 230 SAWYER 230 1    | 25195         | PACKARD_-SAWYER_230_77        | 14.6                 |
| 06/05/2015 07:00 | EDT       | PACKARD 230 SAWYER 230 1    | 25164         | SCB:PACKARD R0306             | 11.86                |
| 06/05/2015 08:00 | EDT       | PACKARD 230 SAWYER 230 1    | 25164         | SCB:PACKARD R0306             | 46.31                |
| 06/05/2015 12:00 | EDT       | PACKARD 230 SAWYER 230 1    | 25164         | SCB:PACKARD R0306             | 94.65                |
| 06/05/2015 07:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -1.76                |
| 06/05/2015 08:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -6.73                |
| 06/05/2015 09:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -9.76                |
| 06/05/2015 10:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -23.41               |
| 06/05/2015 11:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -12.61               |
| 06/05/2015 12:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -13.73               |
| 06/05/2015 13:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -18.06               |
| 06/05/2015 14:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -26.46               |
| 06/05/2015 15:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -19.06               |
| 06/05/2015 16:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -34.21               |
| 06/05/2015 17:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -41.83               |
| 06/05/2015 18:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -27.12               |
| 06/05/2015 19:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -21.75               |
| 06/05/2015 20:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -27.25               |
| 06/05/2015 21:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -4.01                |
| 06/05/2015 22:00 | EDT       | ADIRNDCK 230 MOSES 230 1    | 25269         | SIN:MSU1&7040& HQ GN&LD PROXY | -0.02                |
| 06/05/2015 09:00 | EDT       | NIAGARA 230 PACKARD 230 1   | 25186         | TWR:PACKARD 62 & BP76         | 41.01                |
| 06/05/2015 10:00 | EDT       | NIAGARA 230 PACKARD 230 1   | 25186         | TWR:PACKARD 62 & BP76         | 65.78                |
| 06/05/2015 11:00 | EDT       | NIAGARA 230 PACKARD 230 1   | 25186         | TWR:PACKARD 62 & BP76         | 53.03                |
| 06/05/2015 13:00 | EDT       | NIAGARA 230 PACKARD 230 1   | 25186         | TWR:PACKARD 62 & BP76         | 76.01                |

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| 06/05/2015 14:00 | EDT | NIAGARA 230 PACKARD 230 1 | 25186 | TWR:PACKARD 62 & BP76 | 111.39 |
| 06/05/2015 15:00 | EDT | NIAGARA 230 PACKARD 230 1 | 25186 | TWR:PACKARD 62 & BP76 | 80.23  |