

Day Ahead Limiting Constraints

| Time Stamp | Time Zone | Limiting Facility | Facility PTID | Contingency | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|-------------|----------------------|
| 02/17/2013 00:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 73.67 |
| 02/17/2013 01:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 69.03 |
| 02/17/2013 02:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 53.1 |
| 02/17/2013 03:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 47.81 |
| 02/17/2013 04:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 50.71 |
| 02/17/2013 05:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 52.52 |
| 02/17/2013 06:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 73.79 |
| 02/17/2013 07:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 102.12 |
| 02/17/2013 08:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 83.31 |
| 02/17/2013 09:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 94.94 |
| 02/17/2013 10:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 129.87 |
| 02/17/2013 11:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 147.39 |
| 02/17/2013 12:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 133.77 |
| 02/17/2013 13:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 117.6 |
| 02/17/2013 14:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 102.99 |
| 02/17/2013 15:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 96.27 |
| 02/17/2013 16:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 125.83 |
| 02/17/2013 17:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 172.32 |
| 02/17/2013 18:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 166.78 |
| 02/17/2013 19:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 155.76 |
| 02/17/2013 20:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 149.53 |
| 02/17/2013 21:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 132.1 |
| 02/17/2013 22:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 113.21 |
| 02/17/2013 23:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 90.25 |
| 02/17/2013 16:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 12.81 |
| 02/17/2013 18:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 32.21 |
| 02/17/2013 21:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 9.37 |
| 02/17/2013 00:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 20.09 |
| 02/17/2013 01:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 16.85 |
| 02/17/2013 02:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 8.34 |
| 02/17/2013 03:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 5.87 |
| 02/17/2013 04:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 7.18 |
| 02/17/2013 05:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 8.09 |
| 02/17/2013 06:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 20.26 |
| 02/17/2013 07:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 32.83 |
| 02/17/2013 08:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 25.77 |
| 02/17/2013 09:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 32.13 |
| 02/17/2013 10:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 50.4 |
| 02/17/2013 11:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 60.22 |
| 02/17/2013 12:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 52.56 |
| 02/17/2013 13:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 44.18 |
| 02/17/2013 14:00 | EST | GOETHLSS 345 GOWANUS 345 1 | 25571 | BASE CASE | 36.22 |
| 02/17/2013 10:00 | EST | HUDS_AVE 138 JAMAICA 138 1 | 25294 | BASE CASE | 0.02 |
| 02/17/2013 11:00 | EST | HUDS_AVE 138 JAMAICA 138 1 | 25294 | BASE CASE | 0.02 |
| 02/17/2013 12:00 | EST | HUDS_AVE 138 JAMAICA 138 1 | 25294 | BASE CASE | 0.02 |
| 02/17/2013 13:00 | EST | HUDS_AVE 138 JAMAICA 138 1 | 25294 | BASE CASE | 0.02 |
| 02/17/2013 14:00 | EST | HUDS_AVE 138 JAMAICA 138 1 | 25294 | BASE CASE | 0.02 |
| 02/17/2013 15:00 | EST | HUDS_AVE 138 JAMAICA 138 1 | 25294 | BASE CASE | 0.02 |
| 02/17/2013 16:00 | EST | HUDS_AVE 138 JAMAICA 138 1 | 25294 | BASE CASE | 0.03 |
| 02/17/2013 17:00 | EST | HUDS_AVE 138 JAMAICA 138 1 | 25294 | BASE CASE | 0.03 |
| 02/17/2013 18:00 | EST | HUDS_AVE 138 JAMAICA 138 1 | 25294 | BASE CASE | 0.03 |
| 02/17/2013 19:00 | EST | HUDS_AVE 138 JAMAICA 138 1 | 25294 | BASE CASE | 0.03 |
| 02/17/2013 20:00 | EST | HUDS_AVE 138 JAMAICA 138 1 | 25294 | BASE CASE | 0.03 |
| 02/17/2013 21:00 | EST | HUDS_AVE 138 JAMAICA 138 1 | 25294 | BASE CASE | 0.03 |
| 02/17/2013 22:00 | EST | HUDS_AVE 138 JAMAICA 138 1 | 25294 | BASE CASE | 0.03 |
| 02/17/2013 23:00 | EST | HUDS_AVE 138 JAMAICA 138 1 | 25294 | BASE CASE | 0.02 |
| 02/17/2013 16:00 | EST | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 25.79 |
| 02/17/2013 18:00 | EST | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 64.81 |
| 02/17/2013 21:00 | EST | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 18.87 |
| 02/17/2013 08:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -19.02 |

| | | | | | |
|------------------|-----|-----------------------------|--------|-----------------------|--------|
| 02/17/2013 09:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -27.29 |
| 02/17/2013 10:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -10.43 |
| 02/17/2013 14:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -4.42 |
| 02/17/2013 15:00 | EST | SCH - NE - NY | 23318 | BASE CASE | -11.12 |
| 02/17/2013 05:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 8.11 |
| 02/17/2013 06:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 2.82 |
| 02/17/2013 10:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 5.1 |
| 02/17/2013 11:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 0.49 |
| 02/17/2013 12:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 5.56 |
| 02/17/2013 13:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 8.95 |
| 02/17/2013 14:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 13.51 |
| 02/17/2013 15:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 10.3 |
| 02/17/2013 16:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 8.65 |
| 02/17/2013 17:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 45.53 |
| 02/17/2013 18:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 39.01 |
| 02/17/2013 19:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 24.67 |
| 02/17/2013 20:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 16.67 |
| 02/17/2013 21:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 17.7 |
| 02/17/2013 22:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 6 |
| 02/17/2013 23:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 9.89 |
| 02/17/2013 00:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 12.61 |
| 02/17/2013 01:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 11.68 |
| 02/17/2013 02:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 8.67 |
| 02/17/2013 03:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 8.05 |
| 02/17/2013 04:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 8.61 |
| 02/17/2013 05:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 8.28 |
| 02/17/2013 06:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 0.24 |
| 02/17/2013 10:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 1.28 |
| 02/17/2013 11:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 10.59 |
| 02/17/2013 12:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 7.08 |
| 02/17/2013 13:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 3.67 |
| 02/17/2013 14:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 0.18 |
| 02/17/2013 17:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 2.91 |
| 02/17/2013 18:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 0.03 |
| 02/17/2013 21:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 0.19 |
| 02/17/2013 22:00 | EST | SCH - PJ - NY | 23316 | BASE CASE | 15.28 |
| 02/17/2013 00:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 38.34 |
| 02/17/2013 01:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 30.74 |
| 02/17/2013 02:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 26.67 |
| 02/17/2013 03:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 24.95 |
| 02/17/2013 04:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 26.47 |
| 02/17/2013 05:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 40.44 |
| 02/17/2013 06:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 34.78 |
| 02/17/2013 07:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 25.52 |
| 02/17/2013 08:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 59.69 |
| 02/17/2013 09:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 86.01 |
| 02/17/2013 10:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 81.29 |
| 02/17/2013 11:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 67.94 |
| 02/17/2013 12:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 72.41 |
| 02/17/2013 13:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 77.95 |
| 02/17/2013 14:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 82.68 |
| 02/17/2013 15:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 86.36 |
| 02/17/2013 16:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 83.64 |
| 02/17/2013 17:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 123.16 |
| 02/17/2013 18:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 113 |
| 02/17/2013 19:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 107.76 |
| 02/17/2013 20:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 102.36 |
| 02/17/2013 22:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 77.68 |
| 02/17/2013 23:00 | EST | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 41.02 |
| 02/17/2013 07:00 | EST | NYCA ACTIVE DNI | 990 | ACTIVE DNI | -0.53 |
| 02/17/2013 21:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25552 | EGRDNCTY_345/138_BK_1 | 60.55 |
| 02/17/2013 04:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.02 |
| 02/17/2013 05:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.02 |
| 02/17/2013 07:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 08:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 09:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 10:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |

| | | | | | |
|------------------|-----|-----------------------------|-------|---------------------------|---------|
| 02/17/2013 11:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 12:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 13:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 14:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 15:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 16:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 17:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 18:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 19:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 20:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 21:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 60.77 |
| 02/17/2013 22:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 23:00 | EST | EGRDNCTY 345 EGRDNCTY 138 1 | 25551 | EGRDNCTY_345/138_BK_2 | 0.03 |
| 02/17/2013 23:00 | EST | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22, 21,A2253 | 74.99 |
| 02/17/2013 17:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -52.26 |
| 02/17/2013 18:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -181.13 |
| 02/17/2013 19:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -213.71 |
| 02/17/2013 20:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -241.17 |
| 02/17/2013 21:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -77.95 |
| 02/17/2013 23:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -149.59 |
| 02/17/2013 10:00 | EST | MALONE 115 WILLIS 115 1 | 25586 | TWR:WILLIS MW1, MW2 | -25 |
| 02/17/2013 11:00 | EST | MALONE 115 WILLIS 115 1 | 25586 | TWR:WILLIS MW1, MW2 | -25.32 |
| 02/17/2013 12:00 | EST | MALONE 115 WILLIS 115 1 | 25586 | TWR:WILLIS MW1, MW2 | -25.24 |
| 02/17/2013 13:00 | EST | MALONE 115 WILLIS 115 1 | 25586 | TWR:WILLIS MW1, MW2 | -25.46 |
| 02/17/2013 14:00 | EST | MALONE 115 WILLIS 115 1 | 25586 | TWR:WILLIS MW1, MW2 | -25.43 |
| 02/17/2013 15:00 | EST | MALONE 115 WILLIS 115 1 | 25586 | TWR:WILLIS MW1, MW2 | -25.4 |
| 02/17/2013 16:00 | EST | MALONE 115 WILLIS 115 1 | 25586 | TWR:WILLIS MW1, MW2 | -25.1 |
| 02/17/2013 17:00 | EST | MALONE 115 WILLIS 115 1 | 25586 | TWR:WILLIS MW1, MW2 | -26.11 |
| 02/17/2013 18:00 | EST | MALONE 115 WILLIS 115 1 | 25586 | TWR:WILLIS MW1, MW2 | -32.49 |
| 02/17/2013 19:00 | EST | MALONE 115 WILLIS 115 1 | 25586 | TWR:WILLIS MW1, MW2 | -29.8 |
| 02/17/2013 20:00 | EST | MALONE 115 WILLIS 115 1 | 25586 | TWR:WILLIS MW1, MW2 | -26.28 |
| 02/17/2013 21:00 | EST | MALONE 115 WILLIS 115 1 | 25586 | TWR:WILLIS MW1, MW2 | -25.99 |
| 02/17/2013 22:00 | EST | MALONE 115 WILLIS 115 1 | 25586 | TWR:WILLIS MW1, MW2 | -25.87 |
| 02/17/2013 23:00 | EST | MALONE 115 WILLIS 115 1 | 25586 | TWR:WILLIS MW1, MW2 | -23.83 |