

Day Ahead Limiting Constraints

| Time Stamp | Time Zone | Limiting Facility | Facility PTID | Contingency | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|-------------|----------------------|
| 01/22/2009 00:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 3.93 |
| 01/22/2009 01:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 9.19 |
| 01/22/2009 02:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 4.43 |
| 01/22/2009 03:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 3.93 |
| 01/22/2009 04:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 12.24 |
| 01/22/2009 05:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 1.05 |
| 01/22/2009 07:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 7.92 |
| 01/22/2009 08:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 22.48 |
| 01/22/2009 09:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 25.84 |
| 01/22/2009 10:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 22.6 |
| 01/22/2009 11:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 25.82 |
| 01/22/2009 12:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 23.65 |
| 01/22/2009 13:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 27.39 |
| 01/22/2009 14:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 26.36 |
| 01/22/2009 15:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 24.26 |
| 01/22/2009 16:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 45.55 |
| 01/22/2009 17:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 16.51 |
| 01/22/2009 18:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 1.08 |
| 01/22/2009 19:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 1.36 |
| 01/22/2009 20:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 7.05 |
| 01/22/2009 21:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 34.39 |
| 01/22/2009 22:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 18.17 |
| 01/22/2009 23:00 | EST | CENTRAL EAST - VC | 23330 | BASE CASE | 20.25 |
| 01/22/2009 07:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 0.02 |
| 01/22/2009 09:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 0.12 |
| 01/22/2009 11:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 4.8 |
| 01/22/2009 12:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 5.43 |
| 01/22/2009 13:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 5.92 |
| 01/22/2009 14:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 6.08 |
| 01/22/2009 15:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 6.03 |
| 01/22/2009 16:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 4.52 |
| 01/22/2009 17:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 1.27 |
| 01/22/2009 18:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 3.39 |
| 01/22/2009 19:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 6.35 |
| 01/22/2009 20:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 4.1 |
| 01/22/2009 21:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 3.7 |
| 01/22/2009 22:00 | EST | DUNWODIE 345 SHORE_RD 345 1 | 25091 | BASE CASE | 6.9 |
| 01/22/2009 07:00 | EST | DYSINGER EAST | 23326 | BASE CASE | 0.74 |
| 01/22/2009 08:00 | EST | DYSINGER EAST | 23326 | BASE CASE | 2.09 |
| 01/22/2009 09:00 | EST | DYSINGER EAST | 23326 | BASE CASE | 2.41 |
| 01/22/2009 10:00 | EST | DYSINGER EAST | 23326 | BASE CASE | 2.11 |
| 01/22/2009 11:00 | EST | DYSINGER EAST | 23326 | BASE CASE | 2.39 |
| 01/22/2009 12:00 | EST | DYSINGER EAST | 23326 | BASE CASE | 2.18 |
| 01/22/2009 14:00 | EST | DYSINGER EAST | 23326 | BASE CASE | 2.44 |
| 01/22/2009 15:00 | EST | DYSINGER EAST | 23326 | BASE CASE | 2.26 |
| 01/22/2009 17:00 | EST | DYSINGER EAST | 23326 | BASE CASE | 16.69 |
| 01/22/2009 18:00 | EST | DYSINGER EAST | 23326 | BASE CASE | 11.55 |
| 01/22/2009 19:00 | EST | DYSINGER EAST | 23326 | BASE CASE | 5.19 |
| 01/22/2009 20:00 | EST | DYSINGER EAST | 23326 | BASE CASE | 7.82 |
| 01/22/2009 21:00 | EST | DYSINGER EAST | 23326 | BASE CASE | 3.17 |
| 01/22/2009 09:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 0.24 |
| 01/22/2009 12:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 0.25 |
| 01/22/2009 13:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 0.47 |
| 01/22/2009 14:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 0.61 |
| 01/22/2009 15:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 0.71 |
| 01/22/2009 19:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 0.19 |
| 01/22/2009 20:00 | EST | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 1.29 |
| 01/22/2009 11:00 | EST | FREEPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -3.35 |
| 01/22/2009 12:00 | EST | FREEPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -3.7 |
| 01/22/2009 13:00 | EST | FREEPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -3.96 |

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| 01/22/2009 14:00 | EST | FREPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -4.03 |
| 01/22/2009 15:00 | EST | FREPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -3.95 |
| 01/22/2009 16:00 | EST | FREPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -3.15 |
| 01/22/2009 17:00 | EST | FREPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -0.89 |
| 01/22/2009 18:00 | EST | FREPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -2.37 |
| 01/22/2009 19:00 | EST | FREPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -4.36 |
| 01/22/2009 20:00 | EST | FREPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -4.14 |
| 01/22/2009 21:00 | EST | FREPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -4.47 |
| 01/22/2009 22:00 | EST | FREPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -8.31 |
| 01/22/2009 09:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.29 |
| 01/22/2009 12:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.3 |
| 01/22/2009 13:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.58 |
| 01/22/2009 14:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.77 |
| 01/22/2009 15:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.9 |
| 01/22/2009 17:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 7.49 |
| 01/22/2009 17:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25320 | BASE CASE | 9.17 |
| 01/22/2009 18:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 10.1 |
| 01/22/2009 18:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25320 | BASE CASE | 12.2 |
| 01/22/2009 19:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 24.47 |
| 01/22/2009 20:00 | EST | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.65 |
| 01/22/2009 09:00 | EST | GOWANUSN 138 GREENWD 138 1 | 25214 | BASE CASE | 0.21 |
| 01/22/2009 12:00 | EST | GOWANUSN 138 GREENWD 138 1 | 25214 | BASE CASE | 0.22 |
| 01/22/2009 13:00 | EST | GOWANUSN 138 GREENWD 138 1 | 25214 | BASE CASE | 0.41 |
| 01/22/2009 14:00 | EST | GOWANUSN 138 GREENWD 138 1 | 25214 | BASE CASE | 0.53 |
| 01/22/2009 15:00 | EST | GOWANUSN 138 GREENWD 138 1 | 25214 | BASE CASE | 0.62 |
| 01/22/2009 17:00 | EST | GOWANUSN 138 GREENWD 138 1 | 25214 | BASE CASE | 27.51 |
| 01/22/2009 18:00 | EST | GOWANUSN 138 GREENWD 138 1 | 25214 | BASE CASE | 36.8 |
| 01/22/2009 19:00 | EST | GOWANUSN 138 GREENWD 138 1 | 25214 | BASE CASE | 39.99 |
| 01/22/2009 20:00 | EST | GOWANUSN 138 GREENWD 138 1 | 25214 | BASE CASE | 1.11 |
| 01/22/2009 00:00 | EST | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 01/22/2009 01:00 | EST | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 01/22/2009 02:00 | EST | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 01/22/2009 03:00 | EST | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 01/22/2009 04:00 | EST | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 01/22/2009 05:00 | EST | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 01/22/2009 06:00 | EST | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 01/22/2009 22:00 | EST | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 01/22/2009 23:00 | EST | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.02 |
| 01/22/2009 17:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 35.43 |
| 01/22/2009 18:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 35.4 |
| 01/22/2009 19:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 35.33 |
| 01/22/2009 20:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 33.33 |
| 01/22/2009 21:00 | EST | SCH - NPX_1385 | 325277 | BASE CASE | 27.29 |
| 01/22/2009 05:00 | EST | SCH - OH - NY | 23317 | BASE CASE | 1.47 |
| 01/22/2009 09:00 | EST | TREMONT 345 SPRNBRK 345 1 | 25175 | BASE CASE | -0.98 |
| 01/22/2009 12:00 | EST | TREMONT 345 SPRNBRK 345 1 | 25175 | BASE CASE | -1.02 |
| 01/22/2009 13:00 | EST | TREMONT 345 SPRNBRK 345 1 | 25175 | BASE CASE | -1.93 |
| 01/22/2009 14:00 | EST | TREMONT 345 SPRNBRK 345 1 | 25175 | BASE CASE | -2.53 |
| 01/22/2009 15:00 | EST | TREMONT 345 SPRNBRK 345 1 | 25175 | BASE CASE | -2.96 |
| 01/22/2009 19:00 | EST | TREMONT 345 SPRNBRK 345 1 | 25175 | BASE CASE | -0.85 |
| 01/22/2009 20:00 | EST | TREMONT 345 SPRNBRK 345 1 | 25175 | BASE CASE | -5.37 |
| 01/22/2009 05:00 | EST | WEST CENTRAL | 23312 | BASE CASE | 0.09 |
| 01/22/2009 13:00 | EST | WEST CENTRAL | 23312 | BASE CASE | 2.53 |
| 01/22/2009 16:00 | EST | WEST CENTRAL | 23312 | BASE CASE | 4.2 |
| 01/22/2009 22:00 | EST | WEST CENTRAL | 23312 | BASE CASE | 1.67 |
| 01/22/2009 06:00 | EST | NYCA ACTIVE DNI | 990 | ACTIVE DNI | -3.57 |
| 01/22/2009 16:00 | EST | NYCA ACTIVE DNI | 990 | ACTIVE DNI | -0.35 |
| 01/22/2009 22:00 | EST | NYCA ACTIVE DNI | 990 | ACTIVE DNI | 1.22 |
| 01/22/2009 23:00 | EST | NYCA ACTIVE DNI | 990 | ACTIVE DNI | 1.24 |
| 01/22/2009 17:00 | EST | MOTTHAVN 345 DUNWODIE 345 2 | 25191 | DUNWODIE-MOTTHAVN_345_71 | -0.04 |
| 01/22/2009 20:00 | EST | MOTTHAVN 345 DUNWODIE 345 2 | 25191 | DUNWODIE-MOTTHAVN_345_71 | -13.75 |
| 01/22/2009 21:00 | EST | MOTTHAVN 345 DUNWODIE 345 2 | 25191 | DUNWODIE-MOTTHAVN_345_71 | -0.04 |
| 01/22/2009 19:00 | EST | MOTTHAVN 345 DUNWODIE 345 1 | 25151 | DUNWODIE-MOTTHAVN_345_72 | -2.17 |
| 01/22/2009 07:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREPORT-NEWBRDGE_138_461 | 0.09 |
| 01/22/2009 08:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREPORT-NEWBRDGE_138_461 | 0.09 |
| 01/22/2009 10:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREPORT-NEWBRDGE_138_461 | 0.09 |
| 01/22/2009 11:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREPORT-NEWBRDGE_138_461 | 39.56 |

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| 01/22/2009 12:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 43.65 |
| 01/22/2009 13:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 46.78 |
| 01/22/2009 14:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 47.52 |
| 01/22/2009 15:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 46.64 |
| 01/22/2009 16:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 37.25 |
| 01/22/2009 17:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 10.54 |
| 01/22/2009 18:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 27.96 |
| 01/22/2009 19:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 51.49 |
| 01/22/2009 20:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 45.63 |
| 01/22/2009 21:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 49.25 |
| 01/22/2009 22:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 91.5 |
| 01/22/2009 23:00 | EST | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 0.11 |
| 01/22/2009 11:00 | EST | MOTTHAVN 345 RAINEY 345 2 | 325431 | MOTTHAVN-RAINEY___345_Q11 | 0.04 |
| 01/22/2009 12:00 | EST | MOTTHAVN 345 RAINEY 345 2 | 325431 | MOTTHAVN-RAINEY___345_Q11 | 2.33 |
| 01/22/2009 13:00 | EST | MOTTHAVN 345 RAINEY 345 2 | 325431 | MOTTHAVN-RAINEY___345_Q11 | 4.38 |
| 01/22/2009 14:00 | EST | MOTTHAVN 345 RAINEY 345 2 | 325431 | MOTTHAVN-RAINEY___345_Q11 | 5.71 |
| 01/22/2009 15:00 | EST | MOTTHAVN 345 RAINEY 345 2 | 325431 | MOTTHAVN-RAINEY___345_Q11 | 6.67 |
| 01/22/2009 16:00 | EST | MOTTHAVN 345 RAINEY 345 2 | 325431 | MOTTHAVN-RAINEY___345_Q11 | 0.04 |
| 01/22/2009 09:00 | EST | MOTTHAVN 345 RAINEY 345 1 | 325430 | MOTTHAVN-RAINEY___345_Q12 | 2.24 |
| 01/22/2009 17:00 | EST | ELWOOD 138 NRTHPORT 138 1 | 25544 | NRTHPORT-ELWOOD_138_678 | -27.54 |
| 01/22/2009 18:00 | EST | ELWOOD 138 NRTHPORT 138 1 | 25544 | NRTHPORT-ELWOOD_138_678 | -15.47 |
| 01/22/2009 19:00 | EST | ELWOOD 138 NRTHPORT 138 1 | 25544 | NRTHPORT-ELWOOD_138_678 | -3.79 |
| 01/22/2009 17:00 | EST | NRTHPORT 138 PILGRIM 138 1 | 25307 | NRTHPORT-PILGRIM__138_677 | 27.04 |
| 01/22/2009 18:00 | EST | NRTHPORT 138 PILGRIM 138 1 | 25307 | NRTHPORT-PILGRIM__138_677 | 15.18 |
| 01/22/2009 19:00 | EST | NRTHPORT 138 PILGRIM 138 1 | 25307 | NRTHPORT-PILGRIM__138_677 | 3.71 |
| 01/22/2009 09:00 | EST | GOWANUSS 138 GOWANUSS 138 1 | 25794 | TWR:GOETHALS 22, 21,A2253 | -0.28 |
| 01/22/2009 12:00 | EST | GOWANUSS 138 GOWANUSS 138 1 | 25794 | TWR:GOETHALS 22, 21,A2253 | -0.29 |
| 01/22/2009 13:00 | EST | GOWANUSS 138 GOWANUSS 138 1 | 25794 | TWR:GOETHALS 22, 21,A2253 | -0.53 |
| 01/22/2009 14:00 | EST | GOWANUSS 138 GOWANUSS 138 1 | 25794 | TWR:GOETHALS 22, 21,A2253 | -0.69 |
| 01/22/2009 15:00 | EST | GOWANUSS 138 GOWANUSS 138 1 | 25794 | TWR:GOETHALS 22, 21,A2253 | -0.81 |
| 01/22/2009 17:00 | EST | GOWANUSS 138 GOWANUSS 138 1 | 25794 | TWR:GOETHALS 22, 21,A2253 | -35.93 |
| 01/22/2009 18:00 | EST | GOWANUSS 138 GOWANUSS 138 1 | 25794 | TWR:GOETHALS 22, 21,A2253 | -48.06 |
| 01/22/2009 19:00 | EST | GOWANUSS 138 GOWANUSS 138 1 | 25794 | TWR:GOETHALS 22, 21,A2253 | -52.23 |
| 01/22/2009 20:00 | EST | GOWANUSS 138 GOWANUSS 138 1 | 25794 | TWR:GOETHALS 22, 21,A2253 | -1.46 |
| 01/22/2009 17:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -63.31 |
| 01/22/2009 18:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -84.71 |
| 01/22/2009 19:00 | EST | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -91.66 |