

Day Ahead Limiting Constraints

| Time Stamp | Time Zone | Limiting Facility | Facility PTID | Contingency | Constraint Cost (\$) |
|------------------|-----------|-----------------------------|---------------|-------------|----------------------|
| 08/29/2012 08:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 0.4 |
| 08/29/2012 09:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 2.84 |
| 08/29/2012 21:00 | EDT | E179THST 138 HELLTP_W 138 1 | 25288 | BASE CASE | 1.6 |
| 08/29/2012 00:00 | EDT | FREEPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -0.87 |
| 08/29/2012 01:00 | EDT | FREEPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -1.36 |
| 08/29/2012 02:00 | EDT | FREEPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -1.17 |
| 08/29/2012 06:00 | EDT | FREEPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -0.85 |
| 08/29/2012 22:00 | EDT | FREEPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -0.14 |
| 08/29/2012 23:00 | EDT | FREEPORT 138 NEWBRDGE 138 1 | 25155 | BASE CASE | -0.98 |
| 08/29/2012 01:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.02 |
| 08/29/2012 02:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.02 |
| 08/29/2012 03:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.02 |
| 08/29/2012 04:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.02 |
| 08/29/2012 05:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.02 |
| 08/29/2012 08:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.31 |
| 08/29/2012 09:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 2.21 |
| 08/29/2012 11:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 8 |
| 08/29/2012 12:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 1.86 |
| 08/29/2012 13:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 17.4 |
| 08/29/2012 14:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 16.3 |
| 08/29/2012 15:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 98.74 |
| 08/29/2012 16:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 167.31 |
| 08/29/2012 17:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 15.69 |
| 08/29/2012 18:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 18.68 |
| 08/29/2012 19:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 18.6 |
| 08/29/2012 20:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 18.54 |
| 08/29/2012 21:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 18.56 |
| 08/29/2012 22:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.03 |
| 08/29/2012 23:00 | EDT | FRESHKLS 138 WILLWBRK 138 1 | 25319 | BASE CASE | 0.02 |
| 08/29/2012 13:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -17.3 |
| 08/29/2012 14:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -16.21 |
| 08/29/2012 15:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -98.3 |
| 08/29/2012 16:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -166.58 |
| 08/29/2012 17:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -15.6 |
| 08/29/2012 18:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -14.83 |
| 08/29/2012 19:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -9.27 |
| 08/29/2012 20:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | BASE CASE | -11.95 |
| 08/29/2012 08:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 0.79 |
| 08/29/2012 09:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 5.69 |
| 08/29/2012 21:00 | EDT | RAINEY 138 VERNON 138 1 | 25297 | BASE CASE | 3.2 |
| 08/29/2012 11:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 0.04 |
| 08/29/2012 12:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 1.43 |
| 08/29/2012 13:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 2.38 |
| 08/29/2012 14:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 2.83 |
| 08/29/2012 15:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 4.92 |
| 08/29/2012 16:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 5.35 |
| 08/29/2012 17:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 3.15 |
| 08/29/2012 18:00 | EDT | SCH - HQ - NY | 23324 | BASE CASE | 0.46 |
| 08/29/2012 00:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 1.05 |
| 08/29/2012 01:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 0.03 |
| 08/29/2012 02:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 0.24 |
| 08/29/2012 06:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 0.16 |
| 08/29/2012 07:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 1.11 |
| 08/29/2012 08:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 1.12 |
| 08/29/2012 09:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 0.05 |
| 08/29/2012 10:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 0.24 |
| 08/29/2012 11:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 0.53 |
| 08/29/2012 12:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 3.03 |
| 08/29/2012 13:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 3.57 |
| 08/29/2012 14:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 4.47 |

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|------------------|-----|-----------------------------|--------|---------------------------|--------|
| 08/29/2012 15:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 5.74 |
| 08/29/2012 16:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 6.92 |
| 08/29/2012 17:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 4.72 |
| 08/29/2012 18:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 0.61 |
| 08/29/2012 19:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 2.48 |
| 08/29/2012 20:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 4.99 |
| 08/29/2012 21:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 1.06 |
| 08/29/2012 22:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 1.46 |
| 08/29/2012 23:00 | EDT | SPRNBK 345 EGRDNCTR 345 1 | 25105 | BASE CASE | 0.83 |
| 08/29/2012 07:00 | EDT | NYCA ACTIVE DNI | 990 | ACTIVE DNI | 0.93 |
| 08/29/2012 23:00 | EDT | NYCA ACTIVE DNI | 990 | ACTIVE DNI | -0.23 |
| 08/29/2012 03:00 | EDT | FREEPORT 138 NEWBRDGE 138 1 | 25155 | BUS:EGRDNCT 262, 138 BK2 | -2.88 |
| 08/29/2012 04:00 | EDT | FREEPORT 138 NEWBRDGE 138 1 | 25155 | BUS:EGRDNCT 262, 138 BK2 | -2.02 |
| 08/29/2012 05:00 | EDT | FREEPORT 138 NEWBRDGE 138 1 | 25155 | BUS:EGRDNCT 262, 138 BK2 | -1.67 |
| 08/29/2012 00:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 6.87 |
| 08/29/2012 01:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 10.64 |
| 08/29/2012 02:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 9.15 |
| 08/29/2012 03:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 9.39 |
| 08/29/2012 04:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 6.62 |
| 08/29/2012 05:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 5.48 |
| 08/29/2012 06:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 6.68 |
| 08/29/2012 22:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 1.15 |
| 08/29/2012 23:00 | EDT | EGRDNCTY 138 VALLYSTR 138 1 | 25244 | FREEPORT-NEWBRDGE_138_461 | 7.74 |
| 08/29/2012 09:00 | EDT | MOTTHAVN 345 RAINEY 345 2 | 325431 | MOTTHAVN-RAINEY___345_Q11 | 0.02 |
| 08/29/2012 21:00 | EDT | MOTTHAVN 345 RAINEY 345 1 | 325430 | MOTTHAVN-RAINEY___345_Q12 | 0.04 |
| 08/29/2012 00:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 2.21 |
| 08/29/2012 02:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 0.52 |
| 08/29/2012 03:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 0.04 |
| 08/29/2012 06:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 0.35 |
| 08/29/2012 07:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 2.35 |
| 08/29/2012 08:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 2.37 |
| 08/29/2012 09:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 0.14 |
| 08/29/2012 12:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 6.35 |
| 08/29/2012 13:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 7.49 |
| 08/29/2012 14:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 9.37 |
| 08/29/2012 15:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 12.05 |
| 08/29/2012 16:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 14.5 |
| 08/29/2012 17:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 9.9 |
| 08/29/2012 20:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 10.47 |
| 08/29/2012 21:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 2.25 |
| 08/29/2012 22:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 3.07 |
| 08/29/2012 23:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SCB:SPBK(RNS2):Y49 & M29 | 1.76 |
| 08/29/2012 01:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SPRNBK-EGRDNCTR-Y49 | 0.08 |
| 08/29/2012 10:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SPRNBK-EGRDNCTR-Y49 | 0.53 |
| 08/29/2012 11:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SPRNBK-EGRDNCTR-Y49 | 1.13 |
| 08/29/2012 18:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SPRNBK-EGRDNCTR-Y49 | 1.29 |
| 08/29/2012 19:00 | EDT | DUNWODIE 345 SHORE_RD 345 1 | 25091 | SPRNBK-EGRDNCTR-Y49 | 5.19 |
| 08/29/2012 08:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22, 21,A2253 | 0.4 |
| 08/29/2012 08:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | TWR:GOETHALS 22, 21,A2253 | 0.4 |
| 08/29/2012 09:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | TWR:GOETHALS 22, 21,A2253 | 2.84 |
| 08/29/2012 09:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22, 21,A2253 | 2.84 |
| 08/29/2012 10:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25214 | TWR:GOETHALS 22, 21,A2253 | 3.3 |
| 08/29/2012 10:00 | EDT | GOWANUS 138 GREENWD 138 1 | 25215 | TWR:GOETHALS 22, 21,A2253 | 3.3 |
| 08/29/2012 10:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -6.57 |
| 08/29/2012 11:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -12.99 |
| 08/29/2012 12:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -3 |
| 08/29/2012 18:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -6.15 |
| 08/29/2012 19:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -15.08 |
| 08/29/2012 20:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -10.61 |
| 08/29/2012 21:00 | EDT | GREENWD 138 VERNON 138 1 | 25337 | TWR:GOETHALS 22, 21,A2253 | -24.99 |
| 08/29/2012 11:00 | EDT | NIAGARA 230 PACKARD 230 2 | 25220 | TWR:NIAGARA 61 & 64 | 0.69 |
| 08/29/2012 12:00 | EDT | NIAGARA 230 PACKARD 230 2 | 25220 | TWR:NIAGARA 61 & 64 | 7.16 |
| 08/29/2012 13:00 | EDT | NIAGARA 230 PACKARD 230 2 | 25220 | TWR:NIAGARA 61 & 64 | 7.22 |
| 08/29/2012 14:00 | EDT | NIAGARA 230 PACKARD 230 2 | 25220 | TWR:NIAGARA 61 & 64 | 6.4 |
| 08/29/2012 15:00 | EDT | NIAGARA 230 PACKARD 230 2 | 25220 | TWR:NIAGARA 61 & 64 | 5.16 |
| 08/29/2012 16:00 | EDT | NIAGARA 230 PACKARD 230 2 | 25220 | TWR:NIAGARA 61 & 64 | 5.24 |
| 08/29/2012 17:00 | EDT | NIAGARA 230 PACKARD 230 2 | 25220 | TWR:NIAGARA 61 & 64 | 4.02 |