

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/06/2025

| Name                 | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00  | 07:00  | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00  | 18:00  | 19:00  | 20:00  | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|-------|-------|-------|
| PTID                 | EDT   | EDT   | EDT   | EDT   | EDT   | EDT   | EDT    | EDT    | EDT   | EDT   | EDT   | EDT   | EDT   | EDT   | EDT   | EDT   | EDT   | EDT    | EDT    | EDT    | EDT    | EDT   | EDT   | EDT   |
| 59TH STREET_GT_1     | 36.20 | 32.02 | 29.43 | 28.38 | 29.82 | 33.76 | 41.22  | 48.06  | 46.99 | 41.01 | 44.19 | 45.21 | 46.73 | 51.22 | 53.99 | 60.89 | 82.27 | 112.85 | 122.33 | 102.21 | 71.63  | 51.77 | 46.92 | 41.30 |
| 24138                | 2.56  | 2.18  | 1.77  | 1.68  | 1.66  | 1.94  | 2.43   | 2.86   | 3.39  | 3.11  | 3.50  | 3.50  | 3.70  | 3.26  | 3.39  | 3.72  | 6.02  | 9.25   | 9.32   | 6.80   | 3.94   | 2.42  | 2.64  | 2.36  |
|                      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -2.00  | -1.23  | -0.15 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -1.99  | -3.41  | -3.52  | -2.08  | -0.89 | -0.31 | -0.30 |
| 74TH STREET_GT_1     | 36.20 | 32.05 | 29.48 | 28.40 | 29.85 | 33.79 | 41.26  | 48.06  | 46.99 | 41.01 | 44.19 | 45.21 | 46.73 | 51.22 | 53.99 | 60.89 | 82.27 | 112.85 | 122.33 | 102.30 | 71.70  | 51.82 | 46.96 | 41.37 |
| 24260                | 2.56  | 2.21  | 1.83  | 1.71  | 1.69  | 1.97  | 2.47   | 2.86   | 3.39  | 3.11  | 3.50  | 3.50  | 3.70  | 3.26  | 3.39  | 3.72  | 6.02  | 9.25   | 9.32   | 6.89   | 4.00   | 2.47  | 2.68  | 2.43  |
|                      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -2.00  | -1.23  | -0.15 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -1.99  | -3.41  | -3.52  | -2.08  | -0.89 | -0.31 | -0.30 |
| 74TH STREET_GT_2     | 36.20 | 32.05 | 29.48 | 28.40 | 29.85 | 33.79 | 41.26  | 48.06  | 46.99 | 41.01 | 44.19 | 45.21 | 46.73 | 51.22 | 53.99 | 60.89 | 82.27 | 112.85 | 122.33 | 102.30 | 71.70  | 51.82 | 46.96 | 41.37 |
| 24261                | 2.56  | 2.21  | 1.83  | 1.71  | 1.69  | 1.97  | 2.47   | 2.86   | 3.39  | 3.11  | 3.50  | 3.50  | 3.70  | 3.26  | 3.39  | 3.72  | 6.02  | 9.25   | 9.32   | 6.89   | 4.00   | 2.47  | 2.68  | 2.43  |
|                      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -2.00  | -1.23  | -0.15 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -1.99  | -3.41  | -3.52  | -2.08  | -0.89 | -0.31 | -0.30 |
| ADK HUDSON___FALLS   | 34.82 | 30.97 | 28.76 | 27.76 | 29.31 | 33.16 | 51.97  | 54.27  | 46.21 | 38.89 | 41.42 | 42.42 | 43.76 | 48.44 | 51.31 | 58.31 | 79.00 | 120.11 | 138.98 | 120.45 | 82.55  | 56.23 | 47.65 | 42.01 |
| 24011                | 1.18  | 1.13  | 1.11  | 1.07  | 1.15  | 1.34  | 1.80   | 2.07   | 1.78  | 0.99  | 0.73  | 0.71  | 0.73  | 0.48  | 0.71  | 1.14  | 2.75  | 5.08   | 6.36   | 4.78   | 2.89   | 1.84  | 1.63  | 1.35  |
|                      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -13.37 | -8.23  | -0.98 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -13.41 | -23.03 | -23.78 | -14.04 | -5.93 | -2.06 | -2.02 |
| ADK RESOURCE___RCVRY | 34.85 | 31.03 | 28.79 | 27.82 | 29.34 | 33.26 | 51.78  | 54.22  | 46.20 | 38.89 | 41.30 | 42.37 | 43.59 | 48.44 | 51.29 | 58.37 | 79.15 | 120.11 | 139.02 | 120.28 | 82.50  | 56.25 | 47.65 | 42.00 |
| 23798                | 1.21  | 1.19  | 1.13  | 1.12  | 1.18  | 1.43  | 1.91   | 2.20   | 1.78  | 0.98  | 0.61  | 0.67  | 0.56  | 0.48  | 0.71  | 1.20  | 2.90  | 5.38   | 6.91   | 5.14   | 3.15   | 1.99  | 1.67  | 1.39  |
|                      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -13.07 | -8.05  | -0.96 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.02  | 0.00  | 0.00  | -13.11 | -22.51 | -23.25 | -13.73 | -5.80 | -2.01 | -1.98 |
| ADK S GLENS___FALLS  | 34.82 | 30.97 | 28.76 | 27.76 | 29.31 | 33.16 | 51.97  | 54.27  | 46.21 | 38.89 | 41.42 | 42.42 | 43.76 | 48.44 | 51.31 | 58.31 | 79.00 | 120.11 | 138.98 | 120.45 | 82.55  | 56.23 | 47.65 | 42.01 |
| 24028                | 1.18  | 1.13  | 1.11  | 1.07  | 1.15  | 1.34  | 1.80   | 2.07   | 1.78  | 0.99  | 0.73  | 0.71  | 0.73  | 0.48  | 0.71  | 1.14  | 2.75  | 5.08   | 6.36   | 4.78   | 2.89   | 1.84  | 1.63  | 1.35  |
|                      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -13.37 | -8.23  | -0.98 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -13.41 | -23.03 | -23.78 | -14.04 | -5.93 | -2.06 | -2.02 |
| ADK_NYS___DAM        | 35.29 | 31.33 | 28.98 | 28.03 | 29.59 | 33.44 | 59.08  | 58.80  | 47.41 | 39.91 | 42.80 | 43.83 | 44.92 | 49.59 | 52.23 | 59.29 | 80.06 | 127.86 | 150.76 | 132.84 | 89.86  | 59.60 | 49.17 | 43.61 |
| 23527                | 1.65  | 1.49  | 1.33  | 1.33  | 1.44  | 1.62  | 2.21   | 2.46   | 2.48  | 2.01  | 2.11  | 2.13  | 1.89  | 1.63  | 1.67  | 2.12  | 3.81  | 6.10   | 6.58   | 5.23   | 3.15   | 2.23  | 2.11  | 1.93  |
|                      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -20.08 | -12.37 | -1.48 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.04  | 0.00  | 0.00  | -20.14 | -34.59 | -35.72 | -21.10 | -8.91 | -3.09 | -3.04 |
| AIR_PRODUCTS___DRP   | 33.81 | 30.05 | 27.85 | 26.91 | 28.38 | 32.08 | 16.02  | 31.32  | 42.45 | 38.25 | 41.01 | 41.91 | 43.21 | 47.62 | 50.35 | 57.00 | 76.71 | 81.57  | 74.43  | 54.91  | 43.43  | 38.97 | 40.77 | 35.48 |
| 24190                | 0.17  | 0.21  | 0.19  | 0.21  | 0.23  | 0.25  | 0.63   | 0.53   | 0.56  | 0.34  | 0.33  | 0.21  | 0.17  | -0.34 | -0.25 | -0.17 | 0.46  | 1.32   | 1.53   | 0.92   | 0.20   | 0.00  | 0.09  | 0.08  |
|                      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 21.40  | 13.18  | 1.57  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 21.37  | 36.70  | 37.90  | 22.38  | 9.49  | 3.29  | 3.24  |
| AKWESSNE_115KV_BK    | 33.64 | 29.84 | 27.66 | 26.62 | 28.16 | 31.89 | 36.83  | 44.10  | 43.36 | 37.98 | 40.77 | 41.96 | 43.08 | 48.34 | 50.80 | 57.17 | 76.02 | 100.60 | 108.39 | 90.97  | 65.81  | 48.61 | 44.15 | 38.64 |
| 355683               | 0.00  | 0.00  | 0.00  | -0.08 | 0.00  | 0.06  | 0.04   | 0.13   | -0.09 | 0.08  | 0.08  | 0.25  | 0.04  | 0.38  | 0.20  | 0.00  | -0.23 | -1.02  | -1.21  | -0.92  | 0.20   | 0.15  | 0.18  | 0.00  |
|                      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  |
| ALBANY_1_SOLAR       | 33.84 | 30.08 | 27.88 | 26.94 | 28.41 | 32.11 | 15.29  | 30.87  | 42.05 | 37.72 | 40.11 | 40.70 | 41.47 | 44.51 | 46.28 | 50.80 | 73.03 | 76.98  | 73.38  | 53.87  | 42.92  | 38.84 | 40.75 | 35.49 |
| 323833               | 0.20  | 0.24  | 0.22  | 0.24  | 0.25  | 0.29  | 0.62   | 0.53   | 0.22  | -0.19 | -0.37 | -0.46 | -0.60 | -0.91 | -0.91 | -0.68 | 0.08  | 1.32   | 1.75   | 1.19   | 0.46   | 0.19  | 0.18  | 0.19  |
|                      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 22.13  | 13.63  | 1.62  | 0.00  | 0.21  | 0.55  | 0.96  | 2.53  | 3.41  | 5.69  | 3.30  | 25.96  | 37.97  | 39.21  | 23.16  | 9.82  | 3.40  | 3.35  |
| ALBANY_2_SOLAR       | 33.84 | 30.08 | 27.88 | 26.94 | 28.38 | 32.08 | 15.29  | 30.90  | 42.01 | 37.72 | 40.11 | 40.70 | 41.43 | 44.52 | 46.28 | 50.81 | 73.03 | 77.03  | 73.44  | 53.93  | 42.96  | 38.81 | 40.75 | 35.49 |
| 323834               | 0.20  | 0.24  | 0.22  | 0.24  | 0.22  | 0.25  | 0.59   | 0.53   | 0.17  | -0.19 | -0.37 | -0.46 | -0.64 | -0.91 | -0.91 | -0.68 | 0.08  | 1.32   | 1.75   | 1.19   | 0.46   | 0.15  | 0.18  | 0.19  |
|                      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 22.09  | 13.60  | 1.62  | 0.00  | 0.21  | 0.55  | 0.95  | 2.53  | 3.41  | 5.67  | 3.29  | 25.91  | 37.90  | 39.14  | 23.12  | 9.80  | 3.40  | 3.34  |
| ALBANY___1           | 33.81 | 30.05 | 27.85 | 26.91 | 28.38 | 32.08 | 16.02  | 31.32  | 42.45 | 38.25 | 41.01 | 41.91 | 43.21 | 47.62 | 50.35 | 57.00 | 76.71 | 81.57  | 74.43  | 54.91  | 43.43  | 38.97 | 40.77 | 35.48 |
| 23571                | 0.17  | 0.21  | 0.19  | 0.21  | 0.23  | 0.25  | 0.63   | 0.53   | 0.56  | 0.34  | 0.33  | 0.21  | 0.17  | -0.34 | -0.25 | -0.17 | 0.46  | 1.32   | 1.53   | 0.92   | 0.20   | 0.00  | 0.09  | 0.08  |
|                      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 21.40  | 13.18  | 1.57  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 21.37  | 36.70  | 37.90  | 22.38  | 9.49  | 3.29  | 3.24  |



|                                     |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                        |                        |                         |                        |                         |                          |                          |                        |                        |                        |                        |
|-------------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2<br>23572                 | 33.81<br>0.17<br>0.00   | 30.05<br>0.21<br>0.00  | 27.85<br>0.19<br>0.00   | 26.91<br>0.21<br>0.00  | 28.38<br>0.23<br>0.00   | 32.08<br>0.25<br>0.00  | 16.02<br>0.63<br>21.40  | 31.32<br>0.53<br>13.18  | 42.45<br>0.56<br>1.57   | 38.25<br>0.34<br>0.00   | 41.01<br>0.33<br>0.00   | 41.91<br>0.21<br>0.00   | 43.21<br>0.17<br>0.00   | 47.62<br>-0.34<br>0.00 | 50.35<br>-0.25<br>0.00 | 57.00<br>-0.17<br>0.00  | 76.71<br>0.46<br>0.00  | 81.57<br>1.32<br>21.37  | 74.43<br>1.53<br>36.70   | 54.91<br>0.92<br>37.90   | 43.43<br>0.20<br>22.38 | 38.97<br>0.00<br>9.49  | 40.77<br>0.09<br>3.29  | 35.48<br>0.08<br>3.24  |
| ALBANY___3<br>23573                 | 33.81<br>0.17<br>0.00   | 30.05<br>0.21<br>0.00  | 27.85<br>0.19<br>0.00   | 26.91<br>0.21<br>0.00  | 28.38<br>0.23<br>0.00   | 32.08<br>0.25<br>0.00  | 16.02<br>0.63<br>21.40  | 31.32<br>0.53<br>13.18  | 42.45<br>0.56<br>1.57   | 38.25<br>0.34<br>0.00   | 41.01<br>0.33<br>0.00   | 41.91<br>0.21<br>0.00   | 43.21<br>0.17<br>0.00   | 47.62<br>-0.34<br>0.00 | 50.35<br>-0.25<br>0.00 | 57.00<br>-0.17<br>0.00  | 76.71<br>0.46<br>0.00  | 81.57<br>1.32<br>21.37  | 74.43<br>1.53<br>36.70   | 54.91<br>0.92<br>37.90   | 43.43<br>0.20<br>22.38 | 38.97<br>0.00<br>9.49  | 40.77<br>0.09<br>3.29  | 35.48<br>0.08<br>3.24  |
| ALBANY___4<br>23574                 | 33.81<br>0.17<br>0.00   | 30.05<br>0.21<br>0.00  | 27.85<br>0.19<br>0.00   | 26.91<br>0.21<br>0.00  | 28.38<br>0.23<br>0.00   | 32.08<br>0.25<br>0.00  | 16.02<br>0.63<br>21.40  | 31.32<br>0.53<br>13.18  | 42.45<br>0.56<br>1.57   | 38.25<br>0.34<br>0.00   | 41.01<br>0.33<br>0.00   | 41.91<br>0.21<br>0.00   | 43.21<br>0.17<br>0.00   | 47.62<br>-0.34<br>0.00 | 50.35<br>-0.25<br>0.00 | 57.00<br>-0.17<br>0.00  | 76.71<br>0.46<br>0.00  | 81.57<br>1.32<br>21.37  | 74.43<br>1.53<br>36.70   | 54.91<br>0.92<br>37.90   | 43.43<br>0.20<br>22.38 | 38.97<br>0.00<br>9.49  | 40.77<br>0.09<br>3.29  | 35.48<br>0.08<br>3.24  |
| ALBANY___LFGE<br>323615             | 34.11<br>0.47<br>0.00   | 30.31<br>0.48<br>0.00  | 28.10<br>0.44<br>0.00   | 27.15<br>0.45<br>0.00  | 28.64<br>0.48<br>0.00   | 32.36<br>0.54<br>0.00  | 44.36<br>0.96<br>-6.61  | 49.01<br>0.97<br>-4.07  | 44.81<br>0.87<br>-0.49  | 38.55<br>0.64<br>0.00   | 41.21<br>0.53<br>0.00   | 42.21<br>0.50<br>0.00   | 43.38<br>0.34<br>0.00   | 48.10<br>0.14<br>0.00  | 50.74<br>0.15<br>0.02  | 57.57<br>0.40<br>0.00   | 77.55<br>1.30<br>0.00  | 110.70<br>2.43<br>-6.65 | 123.86<br>2.84<br>-11.41 | 105.61<br>1.93<br>-11.79 | 73.50<br>0.92<br>-6.96 | 51.88<br>0.48<br>-2.93 | 45.47<br>0.48<br>-1.02 | 40.10<br>0.47<br>-1.00 |
| ALCOA_PA_115KV_PL-6C<br>55860       | 33.74<br>0.10<br>0.00   | 29.96<br>0.12<br>0.00  | 27.77<br>0.11<br>0.00   | 26.72<br>0.03<br>0.00  | 28.24<br>0.08<br>0.00   | 32.01<br>0.19<br>0.00  | 37.05<br>0.26<br>0.00   | 44.37<br>0.40<br>0.00   | 43.58<br>0.13<br>0.00   | 38.13<br>0.23<br>0.00   | 40.97<br>0.28<br>0.00   | 42.16<br>0.46<br>0.00   | 43.29<br>0.26<br>0.00   | 48.58<br>0.62<br>0.00  | 51.00<br>0.40<br>0.00  | 57.34<br>0.17<br>0.00   | 76.33<br>0.08<br>0.00  | 101.01<br>-0.61<br>0.00 | 108.83<br>-0.77<br>0.00  | 91.43<br>-0.46<br>0.00   | 66.14<br>0.52<br>0.00  | 48.90<br>0.44<br>0.00  | 44.37<br>0.40<br>0.00  | 38.79<br>0.15<br>0.00  |
| ALCOA_RYNLDS___DRP<br>24188         | 33.74<br>0.10<br>0.00   | 29.96<br>0.12<br>0.00  | 27.77<br>0.11<br>0.00   | 26.72<br>0.03<br>0.00  | 28.24<br>0.08<br>0.00   | 32.01<br>0.19<br>0.00  | 37.05<br>0.26<br>0.00   | 44.37<br>0.40<br>0.00   | 43.58<br>0.13<br>0.00   | 38.13<br>0.23<br>0.00   | 40.97<br>0.28<br>0.00   | 42.16<br>0.46<br>0.00   | 43.29<br>0.26<br>0.00   | 48.58<br>0.62<br>0.00  | 51.00<br>0.40<br>0.00  | 57.34<br>0.17<br>0.00   | 76.33<br>0.08<br>0.00  | 101.01<br>-0.61<br>0.00 | 108.83<br>-0.77<br>0.00  | 91.43<br>-0.46<br>0.00   | 66.14<br>0.52<br>0.00  | 48.90<br>0.44<br>0.00  | 44.37<br>0.40<br>0.00  | 38.79<br>0.15<br>0.00  |
| ALCOA___DSASP<br>323711             | 33.74<br>0.10<br>0.00   | 29.96<br>0.12<br>0.00  | 27.77<br>0.11<br>0.00   | 26.75<br>0.05<br>0.00  | 28.24<br>0.08<br>0.00   | 32.01<br>0.19<br>0.00  | 37.06<br>0.26<br>0.00   | 44.37<br>0.39<br>0.00   | 43.54<br>0.09<br>0.00   | 38.13<br>0.23<br>0.00   | 40.97<br>0.29<br>0.00   | 42.08<br>0.37<br>0.00   | 43.21<br>0.17<br>0.00   | 48.44<br>0.48<br>0.00  | 50.91<br>0.31<br>0.00  | 57.34<br>0.17<br>0.00   | 76.33<br>0.08<br>0.00  | 100.91<br>-0.71<br>0.00 | 108.84<br>-0.76<br>0.00  | 91.43<br>-0.46<br>0.00   | 66.14<br>0.52<br>0.00  | 48.90<br>0.44<br>0.00  | 44.36<br>0.39<br>0.00  | 38.79<br>0.16<br>0.00  |
| ALLEGHENY___COGEN<br>23514          | 34.20<br>0.44<br>-0.12  | 29.76<br>0.33<br>0.40  | 28.07<br>0.36<br>-0.06  | 27.00<br>0.35<br>0.04  | 28.64<br>0.42<br>-0.06  | 31.40<br>0.48<br>0.90  | 38.15<br>0.62<br>-0.73  | 47.00<br>0.70<br>-2.33  | 44.46<br>0.65<br>-0.36  | 38.15<br>-0.04<br>-0.28 | 40.88<br>-0.04<br>-0.24 | 42.01<br>0.00<br>-0.30  | 44.56<br>0.69<br>-0.84  | 48.60<br>0.34<br>-0.30 | 52.05<br>0.96<br>-0.49 | 59.21<br>0.51<br>-1.52  | 76.79<br>0.54<br>0.00  | 105.48<br>3.86<br>0.00  | 115.73<br>6.13<br>0.00   | 98.78<br>6.90<br>0.00    | 68.44<br>2.82<br>0.00  | 50.88<br>2.42<br>0.00  | 45.55<br>1.58<br>0.00  | 39.99<br>1.35<br>0.00  |
| ALTAMONT_115KV_TB 2<br>55880        | 34.11<br>0.47<br>0.00   | 30.29<br>0.45<br>0.00  | 28.07<br>0.41<br>0.00   | 27.10<br>0.40<br>0.00  | 28.58<br>0.42<br>0.00   | 32.27<br>0.45<br>0.00  | 23.45<br>0.74<br>14.08  | 36.05<br>0.75<br>8.67   | 43.24<br>0.83<br>1.03   | 38.55<br>0.64<br>0.00   | 41.39<br>0.69<br>-0.02  | 42.37<br>0.63<br>-0.04  | 43.75<br>0.65<br>-0.07  | 48.39<br>0.24<br>-0.19 | 51.16<br>0.30<br>-0.26 | 58.05<br>0.46<br>-0.43  | 77.64<br>1.14<br>-0.25 | 89.98<br>2.13<br>13.77  | 87.64<br>2.19<br>24.15   | 68.51<br>1.56<br>24.94   | 51.61<br>0.72<br>14.73 | 42.65<br>0.44<br>6.25  | 42.29<br>0.48<br>2.16  | 36.97<br>0.46<br>2.13  |
| ALTONA_WT_PWR<br>323606             | 33.47<br>-0.17<br>0.00  | 29.54<br>-0.30<br>0.00 | 27.29<br>-0.36<br>0.00  | 26.24<br>-0.45<br>0.00 | 27.76<br>-0.39<br>0.00  | 31.70<br>-0.13<br>0.00 | 37.09<br>0.29<br>0.00   | 44.67<br>0.70<br>0.00   | 43.93<br>0.48<br>0.00   | 38.89<br>0.98<br>0.00   | 42.07<br>1.38<br>0.00   | 42.67<br>0.96<br>0.00   | 42.99<br>-0.04<br>0.00  | 46.81<br>-1.15<br>0.00 | 48.43<br>-2.17<br>0.00 | 54.37<br>-2.80<br>0.00  | 72.90<br>-3.35<br>0.00 | 96.84<br>-4.77<br>0.00  | 104.23<br>-5.37<br>0.00  | 87.02<br>-4.87<br>0.00   | 62.60<br>-3.02<br>0.00 | 46.28<br>-2.18<br>0.00 | 43.09<br>-0.88<br>0.00 | 38.02<br>-0.62<br>0.00 |
| AMERICAN_REF_FUEL<br>24010          | 32.16<br>-1.51<br>-0.03 | 28.06<br>-1.31<br>0.46 | 26.32<br>-1.35<br>-0.02 | 25.55<br>-1.07<br>0.08 | 26.91<br>-1.27<br>-0.02 | 29.13<br>-1.66<br>1.04 | 34.66<br>-2.68<br>-0.54 | 41.98<br>-4.14<br>-2.14 | 40.48<br>-3.04<br>-0.08 | 34.97<br>-3.00<br>-0.06 | 38.08<br>-2.64<br>-0.04 | 39.62<br>-2.17<br>-0.08 | 42.00<br>-1.20<br>-0.17 | 45.32<br>-2.11<br>0.53 | 48.26<br>-1.97<br>0.37 | 53.73<br>-4.12<br>-0.68 | 69.16<br>-7.09<br>0.00 | 93.08<br>-8.54<br>0.00  | 101.92<br>-7.67<br>0.00  | 86.83<br>-5.05<br>0.00   | 60.30<br>-5.31<br>0.00 | 45.60<br>-2.86<br>0.00 | 41.51<br>-2.46<br>0.00 | 37.40<br>-1.24<br>0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR<br>323751 | 32.67<br>-1.04<br>-0.07 | 28.31<br>-1.10<br>0.43 | 26.56<br>-1.14<br>-0.04 | 25.76<br>-0.88<br>0.06 | 27.10<br>-1.10<br>-0.04 | 29.63<br>-1.24<br>0.95 | 35.40<br>-2.02<br>-0.62 | 43.27<br>-2.90<br>-2.20 | 42.40<br>-1.26<br>-0.21 | 36.71<br>-1.36<br>-0.16 | 39.96<br>-0.86<br>-0.13 | 41.46<br>-0.42<br>-0.17 | 44.24<br>0.73<br>-0.48  | 48.02<br>0.19<br>0.13  | 50.89<br>0.25<br>-0.04 | 56.74<br>-1.49<br>-1.06 | 72.74<br>-3.51<br>0.00 | 98.57<br>-3.05<br>0.00  | 108.29<br>-1.31<br>0.00  | 91.70<br>-0.18<br>0.00   | 63.06<br>-2.56<br>0.00 | 47.01<br>-1.45<br>0.00 | 42.21<br>-1.76<br>0.00 | 37.17<br>-1.47<br>0.00 |
| ARTHUR KILL_GT_1<br>23520           | 36.00<br>2.35<br>-0.01  | 31.87<br>2.03<br>-0.01 | 29.35<br>1.69<br>-0.01  | 28.28<br>1.58<br>-0.01 | 29.74<br>1.58<br>-0.01  | 33.71<br>1.88<br>-0.01 | 40.88<br>2.10<br>-1.99  | 47.44<br>2.24<br>-1.22  | 46.37<br>2.78<br>-0.14  | 40.51<br>2.62<br>0.01   | 43.65<br>2.97<br>0.01   | 44.66<br>2.96<br>0.01   | 46.21<br>3.18<br>0.01   | 50.54<br>2.59<br>0.01  | 53.22<br>2.63<br>0.01  | 59.91<br>2.74<br>0.01   | 81.12<br>4.88<br>0.01  | 111.52<br>7.93<br>-1.98 | 120.89<br>7.89<br>-3.40  | 101.01<br>5.61<br>-3.52  | 70.71<br>3.02<br>-2.07 | 51.03<br>1.70<br>-0.88 | 46.64<br>2.37<br>-0.30 | 41.13<br>2.20<br>-0.29 |
| ARTHUR_KILL_2<br>23512              | 35.90<br>2.25<br>-0.01  | 31.78<br>1.94<br>-0.01 | 29.27<br>1.60<br>-0.01  | 28.20<br>1.49<br>-0.01 | 29.66<br>1.49<br>-0.01  | 33.61<br>1.78<br>-0.01 | 40.77<br>1.99<br>-1.99  | 47.30<br>2.11<br>-1.22  | 46.04<br>2.43<br>-0.16  | 40.36<br>2.46<br>0.01   | 43.24<br>2.56<br>0.01   | 44.41<br>2.71<br>0.01   | 45.78<br>2.76<br>0.01   | 50.40<br>2.44<br>0.01  | 53.05<br>2.43<br>-0.02 | 59.85<br>2.69<br>0.01   | 80.89<br>4.65<br>0.01  | 111.12<br>7.52<br>-1.98 | 120.46<br>7.46<br>-3.40  | 100.64<br>5.23<br>-3.52  | 70.44<br>2.76<br>-2.07 | 50.89<br>1.55<br>-0.88 | 46.38<br>2.11<br>-0.30 | 41.01<br>2.09<br>-0.29 |
| ARTHUR_KILL_3<br>23513              | 35.83<br>2.19<br>0.00   | 31.75<br>1.91<br>0.00  | 29.18<br>1.52<br>0.00   | 28.11<br>1.41<br>0.00  | 29.54<br>1.38<br>0.00   | 33.48<br>1.65<br>0.00  | 40.78<br>1.99<br>-2.00  | 47.49<br>2.29<br>-1.23  | 46.27<br>2.65<br>-0.17  | 40.52<br>2.61<br>0.00   | 43.41<br>2.73<br>0.00   | 44.50<br>2.79<br>0.00   | 45.83<br>2.80<br>0.00   | 50.55<br>2.59<br>0.00  | 53.25<br>2.63<br>-0.02 | 60.14<br>2.97<br>0.00   | 81.20<br>4.95<br>0.00  | 111.32<br>7.72<br>-1.99 | 120.79<br>7.78<br>-3.41  | 101.02<br>5.61<br>-3.52  | 70.78<br>3.08<br>-2.08 | 51.14<br>1.79<br>-0.89 | 46.30<br>2.02<br>-0.31 | 40.83<br>1.89<br>-0.29 |



|                                   |                        |                        |                        |                        |                        |                        |                        |                        |                        |                       |                       |                       |                       |                       |                        |                       |                       |                         |                         |                         |                        |                        |                        |                        |
|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| ARTHUR_KILL_COGEN<br>323718       | 36.00<br>2.35<br>-0.01 | 31.88<br>2.03<br>-0.01 | 29.35<br>1.69<br>-0.01 | 28.28<br>1.57<br>-0.01 | 29.74<br>1.58<br>-0.01 | 33.71<br>1.88<br>-0.01 | 40.88<br>2.10<br>-1.99 | 47.43<br>2.24<br>-1.22 | 46.17<br>2.56<br>-0.16 | 40.48<br>2.58<br>0.01 | 43.36<br>2.68<br>0.01 | 44.54<br>2.84<br>0.01 | 45.91<br>2.88<br>0.01 | 50.59<br>2.64<br>0.01 | 53.25<br>2.63<br>-0.02 | 60.02<br>2.86<br>0.01 | 81.20<br>4.95<br>0.01 | 111.53<br>7.93<br>-1.98 | 120.90<br>7.90<br>-3.40 | 101.01<br>5.61<br>-3.52 | 70.71<br>3.02<br>-2.07 | 51.03<br>1.70<br>-0.88 | 46.55<br>2.29<br>-0.30 | 41.13<br>2.20<br>-0.29 |
| ASHOKAN____<br>23654              | 35.19<br>1.55<br>0.00  | 31.18<br>1.34<br>0.00  | 28.82<br>1.16<br>0.00  | 27.87<br>1.17<br>0.00  | 29.37<br>1.21<br>0.00  | 33.19<br>1.37<br>0.00  | 23.14<br>2.68<br>16.34 | 37.16<br>3.25<br>10.06 | 45.24<br>3.00<br>1.20  | 39.27<br>1.36<br>0.00 | 42.73<br>2.28<br>0.24 | 43.40<br>2.29<br>0.60 | 44.30<br>2.32<br>1.05 | 47.53<br>2.35<br>2.78 | 49.34<br>2.48<br>3.74  | 54.13<br>3.20<br>6.25 | 78.35<br>5.72<br>3.62 | 90.58<br>9.55<br>20.58  | 92.25<br>10.75<br>28.10 | 71.42<br>8.55<br>29.02  | 53.21<br>4.73<br>17.14 | 44.17<br>2.96<br>7.25  | 44.10<br>2.64<br>2.51  | 38.53<br>2.36<br>2.47  |
| ASTORIA_EAST_ENERGY_CC1<br>323581 | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.73<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.84<br>2.01<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.58<br>2.96<br>-0.17 | 40.82<br>2.92<br>0.00 | 43.58<br>2.89<br>0.00 | 44.75<br>3.04<br>0.00 | 46.17<br>3.14<br>0.00 | 50.74<br>2.78<br>0.00 | 53.41<br>2.78<br>-0.02 | 60.19<br>3.03<br>0.01 | 81.51<br>5.26<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.21<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.97<br>2.68<br>-0.31 | 41.54<br>2.59<br>-0.31 |
| ASTORIA_EAST_ENERGY_CC2<br>323582 | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.73<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.84<br>2.01<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.58<br>2.96<br>-0.17 | 40.82<br>2.92<br>0.00 | 43.58<br>2.89<br>0.00 | 44.75<br>3.04<br>0.00 | 46.17<br>3.14<br>0.00 | 50.74<br>2.78<br>0.00 | 53.41<br>2.78<br>-0.02 | 60.19<br>3.03<br>0.01 | 81.51<br>5.26<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.21<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.97<br>2.68<br>-0.31 | 41.54<br>2.59<br>-0.31 |
| ASTORIA_GT2_1<br>24094            | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.74<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.83<br>2.00<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.77<br>3.17<br>-0.15 | 40.86<br>2.96<br>0.00 | 43.82<br>3.13<br>0.00 | 44.88<br>3.17<br>0.00 | 46.48<br>3.44<br>0.00 | 50.65<br>2.69<br>0.00 | 53.43<br>2.83<br>0.00  | 60.14<br>2.97<br>0.00 | 81.51<br>5.26<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.22<br>-2.08 | 51.33<br>1.99<br>-0.89 | 47.06<br>2.77<br>-0.31 | 41.54<br>2.59<br>-0.31 |
| ASTORIA_GT2_2<br>24095            | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.74<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.83<br>2.00<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.77<br>3.17<br>-0.15 | 40.86<br>2.96<br>0.00 | 43.82<br>3.13<br>0.00 | 44.88<br>3.17<br>0.00 | 46.48<br>3.44<br>0.00 | 50.65<br>2.69<br>0.00 | 53.43<br>2.83<br>0.00  | 60.14<br>2.97<br>0.00 | 81.51<br>5.26<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.22<br>-2.08 | 51.33<br>1.99<br>-0.89 | 47.06<br>2.77<br>-0.31 | 41.54<br>2.59<br>-0.31 |
| ASTORIA_GT2_3<br>24096            | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.74<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.83<br>2.00<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.77<br>3.17<br>-0.15 | 40.86<br>2.96<br>0.00 | 43.82<br>3.13<br>0.00 | 44.88<br>3.17<br>0.00 | 46.48<br>3.44<br>0.00 | 50.65<br>2.69<br>0.00 | 53.43<br>2.83<br>0.00  | 60.14<br>2.97<br>0.00 | 81.51<br>5.26<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.22<br>-2.08 | 51.33<br>1.99<br>-0.89 | 47.06<br>2.77<br>-0.31 | 41.54<br>2.59<br>-0.31 |
| ASTORIA_GT2_4<br>24097            | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.74<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.83<br>2.00<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.77<br>3.17<br>-0.15 | 40.86<br>2.96<br>0.00 | 43.82<br>3.13<br>0.00 | 44.88<br>3.17<br>0.00 | 46.48<br>3.44<br>0.00 | 50.65<br>2.69<br>0.00 | 53.43<br>2.83<br>0.00  | 60.14<br>2.97<br>0.00 | 81.51<br>5.26<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.22<br>-2.08 | 51.33<br>1.99<br>-0.89 | 47.06<br>2.77<br>-0.31 | 41.54<br>2.59<br>-0.31 |
| ASTORIA_GT3_1<br>24098            | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.74<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.83<br>2.00<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.77<br>3.17<br>-0.15 | 40.86<br>2.96<br>0.00 | 43.82<br>3.13<br>0.00 | 44.88<br>3.17<br>0.00 | 46.48<br>3.44<br>0.00 | 50.65<br>2.69<br>0.00 | 53.43<br>2.83<br>0.00  | 60.14<br>2.97<br>0.00 | 81.51<br>5.26<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.22<br>-2.08 | 51.33<br>1.99<br>-0.89 | 47.06<br>2.77<br>-0.31 | 41.54<br>2.59<br>-0.31 |
| ASTORIA_GT3_2<br>24099            | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.74<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.83<br>2.00<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.77<br>3.17<br>-0.15 | 40.86<br>2.96<br>0.00 | 43.82<br>3.13<br>0.00 | 44.88<br>3.17<br>0.00 | 46.48<br>3.44<br>0.00 | 50.65<br>2.69<br>0.00 | 53.43<br>2.83<br>0.00  | 60.14<br>2.97<br>0.00 | 81.51<br>5.26<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.22<br>-2.08 | 51.33<br>1.99<br>-0.89 | 47.06<br>2.77<br>-0.31 | 41.54<br>2.59<br>-0.31 |
| ASTORIA_GT3_3<br>24100            | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.74<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.83<br>2.00<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.77<br>3.17<br>-0.15 | 40.86<br>2.96<br>0.00 | 43.82<br>3.13<br>0.00 | 44.88<br>3.17<br>0.00 | 46.48<br>3.44<br>0.00 | 50.65<br>2.69<br>0.00 | 53.43<br>2.83<br>0.00  | 60.14<br>2.97<br>0.00 | 81.51<br>5.26<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.22<br>-2.08 | 51.33<br>1.99<br>-0.89 | 47.06<br>2.77<br>-0.31 | 41.54<br>2.59<br>-0.31 |
| ASTORIA_GT3_4<br>24101            | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.74<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.83<br>2.00<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.77<br>3.17<br>-0.15 | 40.86<br>2.96<br>0.00 | 43.82<br>3.13<br>0.00 | 44.88<br>3.17<br>0.00 | 46.48<br>3.44<br>0.00 | 50.65<br>2.69<br>0.00 | 53.43<br>2.83<br>0.00  | 60.14<br>2.97<br>0.00 | 81.51<br>5.26<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.22<br>-2.08 | 51.33<br>1.99<br>-0.89 | 47.06<br>2.77<br>-0.31 | 41.54<br>2.59<br>-0.31 |
| ASTORIA_GT4_1<br>24102            | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.74<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.83<br>2.00<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.77<br>3.17<br>-0.15 | 40.86<br>2.96<br>0.00 | 43.82<br>3.13<br>0.00 | 44.88<br>3.17<br>0.00 | 46.48<br>3.44<br>0.00 | 50.65<br>2.69<br>0.00 | 53.43<br>2.83<br>0.00  | 60.14<br>2.97<br>0.00 | 81.51<br>5.26<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.22<br>-2.08 | 51.33<br>1.99<br>-0.89 | 47.06<br>2.77<br>-0.31 | 41.54<br>2.59<br>-0.31 |
| ASTORIA_GT4_2<br>24103            | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.74<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.83<br>2.00<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.77<br>3.17<br>-0.15 | 40.86<br>2.96<br>0.00 | 43.82<br>3.13<br>0.00 | 44.88<br>3.17<br>0.00 | 46.48<br>3.44<br>0.00 | 50.65<br>2.69<br>0.00 | 53.43<br>2.83<br>0.00  | 60.14<br>2.97<br>0.00 | 81.51<br>5.26<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.22<br>-2.08 | 51.33<br>1.99<br>-0.89 | 47.06<br>2.77<br>-0.31 | 41.54<br>2.59<br>-0.31 |
| ASTORIA_GT4_3<br>24104            | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.74<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.83<br>2.00<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.77<br>3.17<br>-0.15 | 40.86<br>2.96<br>0.00 | 43.82<br>3.13<br>0.00 | 44.88<br>3.17<br>0.00 | 46.48<br>3.44<br>0.00 | 50.65<br>2.69<br>0.00 | 53.43<br>2.83<br>0.00  | 60.14<br>2.97<br>0.00 | 81.51<br>5.26<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.22<br>-2.08 | 51.33<br>1.99<br>-0.89 | 47.06<br>2.77<br>-0.31 | 41.54<br>2.59<br>-0.31 |



|                            |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                        |                        |                        |                        |
|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| ASTORIA_GT4_4<br>24105     | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.74<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.83<br>2.00<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.77<br>3.17<br>-0.15 | 40.86<br>2.96<br>0.00  | 43.82<br>3.13<br>0.00  | 44.88<br>3.17<br>0.00  | 46.48<br>3.44<br>0.00  | 50.65<br>2.69<br>0.00  | 53.43<br>2.83<br>0.00  | 60.14<br>2.97<br>0.00  | 81.51<br>5.26<br>0.00  | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.22<br>-2.08 | 51.33<br>1.99<br>-0.89 | 47.06<br>2.77<br>-0.31 | 41.54<br>2.59<br>-0.31 |
| ASTORIA_GT_1<br>23523      | 36.31<br>2.66<br>-0.01 | 32.11<br>2.27<br>-0.01 | 29.57<br>1.91<br>-0.01 | 28.49<br>1.79<br>-0.01 | 29.94<br>1.77<br>-0.01 | 33.90<br>2.07<br>-0.01 | 41.49<br>2.69<br>-2.00 | 48.02<br>2.81<br>-1.23 | 46.86<br>3.26<br>-0.15 | 40.94<br>3.03<br>0.00  | 43.94<br>3.25<br>0.00  | 45.00<br>3.29<br>0.00  | 46.56<br>3.53<br>0.00  | 50.79<br>2.83<br>0.00  | 53.53<br>2.93<br>0.00  | 60.26<br>3.09<br>0.00  | 81.66<br>5.41<br>0.00  | 112.24<br>8.64<br>-1.99 | 121.67<br>8.66<br>-3.41 | 101.57<br>6.16<br>-3.52 | 71.11<br>3.41<br>-2.08 | 51.43<br>2.08<br>-0.89 | 47.14<br>2.86<br>-0.31 | 41.61<br>2.67<br>-0.31 |
| ASTORIA_GT_10<br>24110     | 36.14<br>2.49<br>-0.01 | 32.02<br>2.18<br>-0.01 | 29.46<br>1.80<br>-0.01 | 28.39<br>1.68<br>-0.01 | 29.83<br>1.66<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.82<br>2.92<br>0.00  | 43.86<br>3.17<br>0.00  | 44.88<br>3.17<br>0.00  | 46.43<br>3.40<br>0.00  | 50.69<br>2.73<br>0.00  | 53.43<br>2.83<br>0.00  | 60.20<br>3.03<br>0.00  | 81.44<br>5.19<br>0.00  | 111.73<br>8.13<br>-1.99 | 121.12<br>8.11<br>-3.41 | 101.20<br>5.79<br>-3.52 | 70.85<br>3.15<br>-2.08 | 51.24<br>1.89<br>-0.89 | 46.74<br>2.46<br>-0.31 | 41.30<br>2.36<br>-0.30 |
| ASTORIA_GT_11<br>24225     | 36.14<br>2.49<br>-0.01 | 32.02<br>2.18<br>-0.01 | 29.46<br>1.80<br>-0.01 | 28.39<br>1.68<br>-0.01 | 29.83<br>1.66<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.82<br>2.92<br>0.00  | 43.86<br>3.17<br>0.00  | 44.88<br>3.17<br>0.00  | 46.43<br>3.40<br>0.00  | 50.69<br>2.73<br>0.00  | 53.43<br>2.83<br>0.00  | 60.20<br>3.03<br>0.00  | 81.44<br>5.19<br>0.00  | 111.73<br>8.13<br>-1.99 | 121.12<br>8.11<br>-3.41 | 101.20<br>5.79<br>-3.52 | 70.85<br>3.15<br>-2.08 | 51.24<br>1.89<br>-0.89 | 46.74<br>2.46<br>-0.31 | 41.30<br>2.36<br>-0.30 |
| ASTORIA_GT_12<br>24226     | 36.14<br>2.49<br>-0.01 | 32.02<br>2.18<br>-0.01 | 29.46<br>1.80<br>-0.01 | 28.39<br>1.68<br>-0.01 | 29.83<br>1.66<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.82<br>2.92<br>0.00  | 43.86<br>3.17<br>0.00  | 44.88<br>3.17<br>0.00  | 46.43<br>3.40<br>0.00  | 50.69<br>2.73<br>0.00  | 53.43<br>2.83<br>0.00  | 60.20<br>3.03<br>0.00  | 81.44<br>5.19<br>0.00  | 111.73<br>8.13<br>-1.99 | 121.12<br>8.11<br>-3.41 | 101.20<br>5.79<br>-3.52 | 70.85<br>3.15<br>-2.08 | 51.24<br>1.89<br>-0.89 | 46.74<br>2.46<br>-0.31 | 41.30<br>2.36<br>-0.30 |
| ASTORIA_GT_13<br>24227     | 36.14<br>2.49<br>-0.01 | 32.02<br>2.18<br>-0.01 | 29.46<br>1.80<br>-0.01 | 28.39<br>1.68<br>-0.01 | 29.83<br>1.66<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.82<br>2.92<br>0.00  | 43.86<br>3.17<br>0.00  | 44.88<br>3.17<br>0.00  | 46.43<br>3.40<br>0.00  | 50.69<br>2.73<br>0.00  | 53.43<br>2.83<br>0.00  | 60.20<br>3.03<br>0.00  | 81.44<br>5.19<br>0.00  | 111.73<br>8.13<br>-1.99 | 121.12<br>8.11<br>-3.41 | 101.20<br>5.79<br>-3.52 | 70.85<br>3.15<br>-2.08 | 51.24<br>1.89<br>-0.89 | 46.74<br>2.46<br>-0.31 | 41.30<br>2.36<br>-0.30 |
| ASTORIA_GT_5<br>24106      | 36.31<br>2.66<br>-0.01 | 32.11<br>2.27<br>-0.01 | 29.57<br>1.91<br>-0.01 | 28.49<br>1.79<br>-0.01 | 29.94<br>1.77<br>-0.01 | 33.90<br>2.07<br>-0.01 | 41.49<br>2.69<br>-2.00 | 48.02<br>2.81<br>-1.23 | 46.86<br>3.26<br>-0.15 | 40.94<br>3.03<br>0.00  | 43.94<br>3.25<br>0.00  | 45.00<br>3.29<br>0.00  | 46.56<br>3.53<br>0.00  | 50.79<br>2.83<br>0.00  | 53.53<br>2.93<br>0.00  | 60.26<br>3.09<br>0.00  | 81.66<br>5.41<br>0.00  | 112.24<br>8.64<br>-1.99 | 121.67<br>8.66<br>-3.41 | 101.57<br>6.16<br>-3.52 | 71.11<br>3.41<br>-2.08 | 51.43<br>2.08<br>-0.89 | 47.14<br>2.86<br>-0.31 | 41.61<br>2.67<br>-0.31 |
| ASTORIA_GT_7<br>24107      | 36.31<br>2.66<br>-0.01 | 32.11<br>2.27<br>-0.01 | 29.57<br>1.91<br>-0.01 | 28.49<br>1.79<br>-0.01 | 29.94<br>1.77<br>-0.01 | 33.90<br>2.07<br>-0.01 | 41.49<br>2.69<br>-2.00 | 48.02<br>2.81<br>-1.23 | 46.86<br>3.26<br>-0.15 | 40.94<br>3.03<br>0.00  | 43.94<br>3.25<br>0.00  | 45.00<br>3.29<br>0.00  | 46.56<br>3.53<br>0.00  | 50.79<br>2.83<br>0.00  | 53.53<br>2.93<br>0.00  | 60.26<br>3.09<br>0.00  | 81.66<br>5.41<br>0.00  | 112.24<br>8.64<br>-1.99 | 121.67<br>8.66<br>-3.41 | 101.57<br>6.16<br>-3.52 | 71.11<br>3.41<br>-2.08 | 51.43<br>2.08<br>-0.89 | 47.14<br>2.86<br>-0.31 | 41.61<br>2.67<br>-0.31 |
| ASTORIA_GT_8<br>24108      | 36.31<br>2.66<br>-0.01 | 32.11<br>2.27<br>-0.01 | 29.57<br>1.91<br>-0.01 | 28.49<br>1.79<br>-0.01 | 29.94<br>1.77<br>-0.01 | 33.90<br>2.07<br>-0.01 | 41.49<br>2.69<br>-2.00 | 48.02<br>2.81<br>-1.23 | 46.86<br>3.26<br>-0.15 | 40.94<br>3.03<br>0.00  | 43.94<br>3.25<br>0.00  | 45.00<br>3.29<br>0.00  | 46.56<br>3.53<br>0.00  | 50.79<br>2.83<br>0.00  | 53.53<br>2.93<br>0.00  | 60.26<br>3.09<br>0.00  | 81.66<br>5.41<br>0.00  | 112.24<br>8.64<br>-1.99 | 121.67<br>8.66<br>-3.41 | 101.57<br>6.16<br>-3.52 | 71.11<br>3.41<br>-2.08 | 51.43<br>2.08<br>-0.89 | 47.14<br>2.86<br>-0.31 | 41.61<br>2.67<br>-0.31 |
| ASTORIA___2<br>24149       | 36.24<br>2.59<br>-0.01 | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01 | 28.44<br>1.73<br>-0.01 | 29.91<br>1.75<br>-0.01 | 33.84<br>2.01<br>-0.01 | 41.41<br>2.61<br>-2.00 | 47.93<br>2.73<br>-1.23 | 46.58<br>2.96<br>-0.17 | 40.82<br>2.92<br>0.00  | 43.58<br>2.89<br>0.00  | 44.75<br>3.04<br>0.00  | 46.17<br>3.14<br>0.00  | 50.74<br>2.78<br>0.00  | 53.41<br>2.78<br>-0.02 | 60.19<br>3.03<br>0.01  | 81.51<br>5.26<br>0.00  | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.91<br>3.21<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.97<br>2.68<br>-0.31 | 41.54<br>2.59<br>-0.31 |
| ASTORIA___3<br>23516       | 36.14<br>2.49<br>-0.01 | 32.02<br>2.18<br>-0.01 | 29.46<br>1.80<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.83<br>1.66<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00  | 43.62<br>2.93<br>0.00  | 44.75<br>3.04<br>0.00  | 46.13<br>3.10<br>0.00  | 50.74<br>2.78<br>0.00  | 53.41<br>2.78<br>-0.02 | 60.26<br>3.09<br>0.00  | 81.44<br>5.19<br>0.00  | 111.74<br>8.13<br>-1.99 | 121.12<br>8.11<br>-3.41 | 101.20<br>5.79<br>-3.52 | 70.85<br>3.15<br>-2.08 | 51.23<br>1.89<br>-0.89 | 46.65<br>2.37<br>-0.31 | 41.30<br>2.36<br>-0.30 |
| ASTORIA___4<br>23517       | 36.14<br>2.49<br>-0.01 | 32.02<br>2.18<br>-0.01 | 29.46<br>1.80<br>-0.01 | 28.39<br>1.68<br>-0.01 | 29.83<br>1.66<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.82<br>2.92<br>0.00  | 43.86<br>3.17<br>0.00  | 44.88<br>3.17<br>0.00  | 46.43<br>3.40<br>0.00  | 50.69<br>2.73<br>0.00  | 53.43<br>2.83<br>0.00  | 60.20<br>3.03<br>0.00  | 81.36<br>5.11<br>0.00  | 111.73<br>8.13<br>-1.99 | 121.12<br>8.11<br>-3.41 | 101.20<br>5.79<br>-3.52 | 70.85<br>3.15<br>-2.08 | 51.24<br>1.89<br>-0.89 | 46.74<br>2.46<br>-0.31 | 41.30<br>2.36<br>-0.30 |
| ASTORIA___5<br>23518       | 36.14<br>2.49<br>-0.01 | 32.02<br>2.18<br>-0.01 | 29.46<br>1.80<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.83<br>1.66<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00  | 43.62<br>2.93<br>0.00  | 44.75<br>3.04<br>0.00  | 46.13<br>3.10<br>0.00  | 50.74<br>2.78<br>0.00  | 53.41<br>2.78<br>-0.02 | 60.26<br>3.09<br>0.00  | 81.44<br>5.19<br>0.00  | 111.74<br>8.13<br>-1.99 | 121.12<br>8.11<br>-3.41 | 101.20<br>5.79<br>-3.52 | 70.85<br>3.15<br>-2.08 | 51.23<br>1.89<br>-0.89 | 46.65<br>2.37<br>-0.31 | 41.30<br>2.36<br>-0.30 |
| AST_ENERGY_2_CC3<br>323677 | 22.96<br>2.25<br>12.94 | 22.96<br>1.91<br>8.79  | 22.96<br>1.58<br>6.27  | 22.96<br>1.47<br>5.20  | 22.96<br>1.46<br>6.66  | 22.96<br>1.69<br>10.55 | 22.96<br>2.24<br>16.08 | 26.10<br>2.29<br>20.16 | 25.69<br>2.52<br>20.28 | 22.96<br>2.54<br>17.49 | 24.98<br>2.48<br>18.19 | 24.98<br>2.63<br>19.36 | 24.98<br>2.71<br>20.77 | 27.96<br>2.25<br>22.25 | 30.13<br>2.28<br>22.75 | 38.66<br>2.46<br>20.97 | 59.80<br>4.50<br>20.95 | 93.34<br>7.32<br>15.60  | 103.79<br>7.23<br>13.04 | 83.94<br>5.05<br>13.00  | 53.60<br>2.56<br>14.57 | 29.64<br>1.50<br>20.32 | 27.46<br>2.24<br>18.75 | 24.98<br>2.20<br>15.86 |
| AST_ENERGY_2_CC4<br>323678 | 22.96<br>2.25<br>12.94 | 22.96<br>1.91<br>8.79  | 22.96<br>1.58<br>6.27  | 22.96<br>1.47<br>5.20  | 22.96<br>1.46<br>6.66  | 22.96<br>1.69<br>10.55 | 22.96<br>2.24<br>16.08 | 26.10<br>2.29<br>20.16 | 25.69<br>2.52<br>20.28 | 22.96<br>2.54<br>17.49 | 24.98<br>2.48<br>18.19 | 24.98<br>2.63<br>19.36 | 24.98<br>2.71<br>20.77 | 27.96<br>2.25<br>22.25 | 30.13<br>2.28<br>22.75 | 38.66<br>2.46<br>20.97 | 59.80<br>4.50<br>20.95 | 93.34<br>7.32<br>15.60  | 103.79<br>7.23<br>13.04 | 83.94<br>5.05<br>13.00  | 53.60<br>2.56<br>14.57 | 29.64<br>1.50<br>20.32 | 27.46<br>2.24<br>18.75 | 24.98<br>2.20<br>15.86 |



|                                |                         |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                         |                        |                        |                        |                        |                        |
|--------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ATHENS_STG_1<br>23668          | 34.72<br>1.08<br>0.00   | 30.82<br>0.98<br>0.00  | 28.51<br>0.86<br>0.00   | 27.55<br>0.85<br>0.00   | 29.00<br>0.84<br>0.00   | 32.75<br>0.92<br>0.00  | 38.05<br>1.25<br>0.00   | 45.38<br>1.41<br>0.00   | 44.93<br>1.48<br>0.00   | 39.35<br>1.44<br>0.00   | 42.15<br>1.46<br>0.00   | 43.21<br>1.50<br>0.00   | 44.50<br>1.46<br>0.00   | 49.20<br>1.24<br>0.00   | 51.83<br>1.21<br>-0.01  | 58.66<br>1.48<br>0.00   | 78.92<br>2.67<br>0.00  | 105.98<br>4.37<br>0.00  | 113.87<br>4.27<br>0.00  | 94.92<br>3.03<br>0.00  | 67.26<br>1.64<br>0.00  | 49.48<br>1.02<br>0.00  | 45.11<br>1.14<br>0.00  | 39.72<br>1.08<br>0.00  |
| ATHENS_STG_2<br>23670          | 34.72<br>1.08<br>0.00   | 30.82<br>0.98<br>0.00  | 28.51<br>0.86<br>0.00   | 27.55<br>0.85<br>0.00   | 29.00<br>0.84<br>0.00   | 32.75<br>0.92<br>0.00  | 38.05<br>1.25<br>0.00   | 45.38<br>1.41<br>0.00   | 44.93<br>1.48<br>0.00   | 39.35<br>1.44<br>0.00   | 42.15<br>1.46<br>0.00   | 43.21<br>1.50<br>0.00   | 44.50<br>1.46<br>0.00   | 49.20<br>1.24<br>0.00   | 51.83<br>1.21<br>-0.01  | 58.66<br>1.48<br>0.00   | 78.92<br>2.67<br>0.00  | 105.98<br>4.37<br>0.00  | 113.87<br>4.27<br>0.00  | 94.92<br>3.03<br>0.00  | 67.26<br>1.64<br>0.00  | 49.48<br>1.02<br>0.00  | 45.11<br>1.14<br>0.00  | 39.72<br>1.08<br>0.00  |
| ATHENS_STG_3<br>23677          | 34.72<br>1.08<br>0.00   | 30.82<br>0.98<br>0.00  | 28.51<br>0.86<br>0.00   | 27.55<br>0.85<br>0.00   | 29.00<br>0.84<br>0.00   | 32.75<br>0.92<br>0.00  | 38.05<br>1.25<br>0.00   | 45.38<br>1.41<br>0.00   | 44.93<br>1.48<br>0.00   | 39.35<br>1.44<br>0.00   | 42.15<br>1.46<br>0.00   | 43.21<br>1.50<br>0.00   | 44.50<br>1.46<br>0.00   | 49.20<br>1.24<br>0.00   | 51.83<br>1.21<br>-0.01  | 58.66<br>1.48<br>0.00   | 78.92<br>2.67<br>0.00  | 105.98<br>4.37<br>0.00  | 113.87<br>4.27<br>0.00  | 94.92<br>3.03<br>0.00  | 67.26<br>1.64<br>0.00  | 49.48<br>1.02<br>0.00  | 45.11<br>1.14<br>0.00  | 39.72<br>1.08<br>0.00  |
| AUBURN___LFGE<br>323710        | 34.44<br>-0.03<br>-0.83 | 29.81<br>-0.03<br>0.00 | 28.06<br>0.00<br>-0.40  | 26.89<br>-0.03<br>-0.22 | 28.56<br>-0.03<br>-0.43 | 31.79<br>-0.03<br>0.00 | 39.29<br>0.15<br>-2.35  | 47.73<br>0.18<br>-3.59  | 46.67<br>0.22<br>-3.00  | 40.34<br>0.08<br>-2.35  | 42.72<br>-0.04<br>-2.08 | 43.92<br>0.00<br>-2.22  | 50.38<br>0.17<br>-7.17  | 56.11<br>0.19<br>-7.96  | 59.26<br>0.25<br>-8.41  | 67.07<br>0.40<br>-9.50  | 76.63<br>0.38<br>0.00  | 102.84<br>1.22<br>0.00  | 111.35<br>1.75<br>0.00  | 93.91<br>2.02<br>0.00  | 66.27<br>0.66<br>0.00  | 48.90<br>0.44<br>0.00  | 44.06<br>0.09<br>0.00  | 38.75<br>0.12<br>0.00  |
| BABYLON_RES_REC<br>323704      | 35.80<br>2.15<br>0.00   | 31.60<br>1.76<br>0.00  | 29.04<br>1.38<br>0.00   | 27.82<br>1.12<br>0.00   | 29.28<br>1.13<br>0.00   | 33.26<br>1.43<br>0.00  | 40.67<br>1.88<br>-2.00  | 46.77<br>1.58<br>-1.22  | 45.47<br>1.87<br>-0.15  | 40.45<br>2.54<br>0.00   | 43.21<br>2.52<br>0.00   | 43.28<br>2.25<br>0.67   | 44.99<br>2.07<br>0.11   | 49.92<br>2.06<br>0.10   | 52.84<br>2.33<br>0.08   | 59.66<br>2.80<br>0.31   | 79.72<br>4.27<br>0.80  | 108.63<br>6.81<br>-0.20 | 117.53<br>6.58<br>-1.35 | 89.21<br>4.59<br>7.27  | 69.46<br>2.56<br>-1.29 | 50.88<br>1.55<br>-0.87 | 45.81<br>1.54<br>-0.30 | 41.18<br>2.24<br>-0.30 |
| BALL_HILL_WT_PWR<br>323825     | 32.89<br>-0.81<br>-0.06 | 28.59<br>-0.80<br>0.44 | 26.83<br>-0.86<br>-0.03 | 26.02<br>-0.61<br>0.06  | 27.37<br>-0.82<br>-0.03 | 29.82<br>-1.02<br>0.98 | 35.62<br>-1.77<br>-0.59 | 43.42<br>-2.73<br>-2.18 | 41.87<br>-1.74<br>-0.16 | 36.22<br>-1.82<br>-0.13 | 39.36<br>-1.43<br>-0.10 | 40.85<br>-1.00<br>-0.14 | 43.45<br>0.04<br>-0.38  | 47.07<br>-0.62<br>0.26  | 50.00<br>-0.51<br>0.09  | 55.87<br>-2.23<br>-0.93 | 71.83<br>-4.42<br>0.00 | 97.15<br>-4.47<br>0.00  | 106.42<br>-3.18<br>0.00 | 90.33<br>-1.56<br>0.00 | 62.53<br>-3.08<br>0.00 | 46.96<br>-1.50<br>0.00 | 42.52<br>-1.45<br>0.00 | 37.67<br>-0.96<br>0.00 |
| BARON_WINDS___WT_PWR<br>323822 | 33.22<br>-0.64<br>-0.22 | 28.88<br>-0.66<br>0.30 | 27.13<br>-0.63<br>-0.11 | 26.22<br>-0.48<br>0.00  | 27.68<br>-0.59<br>-0.12 | 30.45<br>-0.70<br>0.67 | 36.72<br>-0.99<br>-0.92 | 44.92<br>-1.54<br>-2.49 | 42.93<br>-1.26<br>-0.74 | 37.08<br>-1.40<br>-0.58 | 40.01<br>-1.18<br>-0.50 | 41.28<br>-1.00<br>-0.57 | 44.58<br>-0.21<br>-1.76 | 48.67<br>-0.77<br>-1.48 | 51.68<br>-0.60<br>-1.69 | 58.20<br>-1.60<br>-2.63 | 73.51<br>-2.74<br>0.00 | 99.59<br>-2.03<br>0.00  | 108.94<br>-0.65<br>0.00 | 91.98<br>0.09<br>0.00  | 64.04<br>-1.58<br>0.00 | 47.64<br>-0.82<br>0.00 | 42.96<br>-1.01<br>0.00 | 37.87<br>-0.77<br>0.00 |
| BARRETT_IC_1<br>23704          | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.96<br>1.30<br>0.00   | 27.79<br>1.09<br>0.00   | 29.23<br>1.07<br>0.00   | 33.16<br>1.34<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.60<br>1.41<br>-1.22  | 45.26<br>1.65<br>-0.16  | 40.14<br>2.24<br>0.00   | 42.96<br>2.28<br>0.00   | 43.75<br>2.04<br>0.00   | 44.92<br>1.89<br>0.00   | 49.77<br>1.82<br>0.01   | 52.60<br>1.97<br>-0.02  | 59.57<br>2.40<br>0.00   | 79.99<br>3.74<br>0.00  | 109.28<br>5.69<br>-1.97 | 118.37<br>5.37<br>-3.40 | 87.49<br>3.68<br>8.08  | 69.79<br>2.10<br>-2.07 | 50.55<br>1.21<br>-0.88 | 45.59<br>1.32<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| BARRETT_IC_10<br>23701         | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.96<br>1.30<br>0.00   | 27.79<br>1.09<br>0.00   | 29.23<br>1.07<br>0.00   | 33.16<br>1.34<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.60<br>1.41<br>-1.22  | 45.26<br>1.65<br>-0.16  | 40.14<br>2.24<br>0.00   | 42.96<br>2.28<br>0.00   | 43.75<br>2.04<br>0.00   | 44.92<br>1.89<br>0.00   | 49.77<br>1.82<br>0.01   | 52.60<br>1.97<br>-0.02  | 59.57<br>2.40<br>0.00   | 79.99<br>3.74<br>0.00  | 109.28<br>5.69<br>-1.97 | 118.37<br>5.37<br>-3.40 | 87.49<br>3.68<br>8.08  | 69.79<br>2.10<br>-2.07 | 50.55<br>1.21<br>-0.88 | 45.59<br>1.32<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| BARRETT_IC_11<br>23702         | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.96<br>1.30<br>0.00   | 27.79<br>1.09<br>0.00   | 29.23<br>1.07<br>0.00   | 33.16<br>1.34<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.60<br>1.41<br>-1.22  | 45.26<br>1.65<br>-0.16  | 40.14<br>2.24<br>0.00   | 42.96<br>2.28<br>0.00   | 43.75<br>2.04<br>0.00   | 44.92<br>1.89<br>0.00   | 49.77<br>1.82<br>0.01   | 52.60<br>1.97<br>-0.02  | 59.57<br>2.40<br>0.00   | 79.99<br>3.74<br>0.00  | 109.28<br>5.69<br>-1.97 | 118.37<br>5.37<br>-3.40 | 87.49<br>3.68<br>8.08  | 69.79<br>2.10<br>-2.07 | 50.55<br>1.21<br>-0.88 | 45.59<br>1.32<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| BARRETT_IC_12<br>23703         | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.96<br>1.30<br>0.00   | 27.79<br>1.09<br>0.00   | 29.23<br>1.07<br>0.00   | 33.16<br>1.34<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.60<br>1.41<br>-1.22  | 45.26<br>1.65<br>-0.16  | 40.14<br>2.24<br>0.00   | 42.96<br>2.28<br>0.00   | 43.75<br>2.04<br>0.00   | 44.92<br>1.89<br>0.00   | 49.77<br>1.82<br>0.01   | 52.60<br>1.97<br>-0.02  | 59.57<br>2.40<br>0.00   | 79.99<br>3.74<br>0.00  | 109.28<br>5.69<br>-1.97 | 118.37<br>5.37<br>-3.40 | 87.49<br>3.68<br>8.08  | 69.79<br>2.10<br>-2.07 | 50.55<br>1.21<br>-0.88 | 45.59<br>1.32<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| BARRETT_IC_2<br>23705          | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.96<br>1.30<br>0.00   | 27.79<br>1.09<br>0.00   | 29.23<br>1.07<br>0.00   | 33.16<br>1.34<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.60<br>1.41<br>-1.22  | 45.26<br>1.65<br>-0.16  | 40.14<br>2.24<br>0.00   | 42.96<br>2.28<br>0.00   | 43.75<br>2.04<br>0.00   | 44.92<br>1.89<br>0.00   | 49.77<br>1.82<br>0.01   | 52.60<br>1.97<br>-0.02  | 59.57<br>2.40<br>0.00   | 79.99<br>3.74<br>0.00  | 109.28<br>5.69<br>-1.97 | 118.37<br>5.37<br>-3.40 | 87.49<br>3.68<br>8.08  | 69.79<br>2.10<br>-2.07 | 50.55<br>1.21<br>-0.88 | 45.59<br>1.32<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| BARRETT_IC_3<br>23706          | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.96<br>1.30<br>0.00   | 27.79<br>1.09<br>0.00   | 29.23<br>1.07<br>0.00   | 33.16<br>1.34<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.60<br>1.41<br>-1.22  | 45.26<br>1.65<br>-0.16  | 40.14<br>2.24<br>0.00   | 42.96<br>2.28<br>0.00   | 43.75<br>2.04<br>0.00   | 44.92<br>1.89<br>0.00   | 49.77<br>1.82<br>0.01   | 52.60<br>1.97<br>-0.02  | 59.57<br>2.40<br>0.00   | 79.99<br>3.74<br>0.00  | 109.28<br>5.69<br>-1.97 | 118.37<br>5.37<br>-3.40 | 87.49<br>3.68<br>8.08  | 69.79<br>2.10<br>-2.07 | 50.55<br>1.21<br>-0.88 | 45.59<br>1.32<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| BARRETT_IC_4<br>23707          | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.96<br>1.30<br>0.00   | 27.79<br>1.09<br>0.00   | 29.23<br>1.07<br>0.00   | 33.16<br>1.34<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.60<br>1.41<br>-1.22  | 45.26<br>1.65<br>-0.16  | 40.14<br>2.24<br>0.00   | 42.96<br>2.28<br>0.00   | 43.75<br>2.04<br>0.00   | 44.92<br>1.89<br>0.00   | 49.77<br>1.82<br>0.01   | 52.60<br>1.97<br>-0.02  | 59.57<br>2.40<br>0.00   | 79.99<br>3.74<br>0.00  | 109.28<br>5.69<br>-1.97 | 118.37<br>5.37<br>-3.40 | 87.49<br>3.68<br>8.08  | 69.79<br>2.10<br>-2.07 | 50.55<br>1.21<br>-0.88 | 45.59<br>1.32<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| BARRETT_IC_5<br>23708          | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.96<br>1.30<br>0.00   | 27.79<br>1.09<br>0.00   | 29.23<br>1.07<br>0.00   | 33.16<br>1.34<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.60<br>1.41<br>-1.22  | 45.26<br>1.65<br>-0.16  | 40.14<br>2.24<br>0.00   | 42.96<br>2.28<br>0.00   | 43.75<br>2.04<br>0.00   | 44.92<br>1.89<br>0.00   | 49.77<br>1.82<br>0.01   | 52.60<br>1.97<br>-0.02  | 59.57<br>2.40<br>0.00   | 79.99<br>3.74<br>0.00  | 109.28<br>5.69<br>-1.97 | 118.37<br>5.37<br>-3.40 | 87.49<br>3.68<br>8.08  | 69.79<br>2.10<br>-2.07 | 50.55<br>1.21<br>-0.88 | 45.59<br>1.32<br>-0.30 | 40.91<br>1.97<br>-0.30 |



|                             |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                         |                         |                        |                        |                        |                        |
|-----------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| BARRETT_IC_6<br>23709       | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.96<br>1.30<br>0.00   | 27.79<br>1.09<br>0.00  | 29.23<br>1.07<br>0.00   | 33.16<br>1.34<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.60<br>1.41<br>-1.22  | 45.26<br>1.65<br>-0.16  | 40.14<br>2.24<br>0.00   | 42.96<br>2.28<br>0.00   | 43.75<br>2.04<br>0.00   | 44.92<br>1.89<br>0.00   | 49.77<br>1.82<br>0.01   | 52.60<br>1.97<br>-0.02  | 59.57<br>2.40<br>0.00   | 79.99<br>3.74<br>0.00  | 109.28<br>5.69<br>-1.97 | 118.37<br>5.37<br>-3.40 | 87.49<br>3.68<br>8.08   | 69.79<br>2.10<br>-2.07 | 50.55<br>1.21<br>-0.88 | 45.59<br>1.32<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| BARRETT_IC_7<br>23710       | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.95<br>1.30<br>0.00   | 27.82<br>1.12<br>0.00  | 29.23<br>1.07<br>0.00   | 33.16<br>1.34<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.60<br>1.41<br>-1.22  | 45.46<br>1.87<br>-0.14  | 40.22<br>2.31<br>0.00   | 43.37<br>2.69<br>0.00   | 44.25<br>2.54<br>0.00   | 45.62<br>2.58<br>0.00   | 49.73<br>1.77<br>0.01   | 52.62<br>2.02<br>0.00   | 59.63<br>2.46<br>0.00   | 79.99<br>3.74<br>0.00  | 109.29<br>5.69<br>-1.98 | 118.48<br>5.48<br>-3.41 | 87.58<br>3.77<br>8.08   | 69.79<br>2.10<br>-2.07 | 50.55<br>1.21<br>-0.88 | 45.68<br>1.41<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| BARRETT_IC_8<br>23711       | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.96<br>1.30<br>0.00   | 27.79<br>1.09<br>0.00  | 29.23<br>1.07<br>0.00   | 33.16<br>1.34<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.60<br>1.41<br>-1.22  | 45.26<br>1.65<br>-0.16  | 40.14<br>2.24<br>0.00   | 42.96<br>2.28<br>0.00   | 43.75<br>2.04<br>0.00   | 44.92<br>1.89<br>0.00   | 49.77<br>1.82<br>0.01   | 52.60<br>1.97<br>-0.02  | 59.57<br>2.40<br>0.00   | 79.99<br>3.74<br>0.00  | 109.28<br>5.69<br>-1.97 | 118.37<br>5.37<br>-3.40 | 87.49<br>3.68<br>8.08   | 69.79<br>2.10<br>-2.07 | 50.55<br>1.21<br>-0.88 | 45.59<br>1.32<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| BARRETT_IC_9<br>23700       | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.96<br>1.30<br>0.00   | 27.79<br>1.09<br>0.00  | 29.23<br>1.07<br>0.00   | 33.16<br>1.34<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.60<br>1.41<br>-1.22  | 45.26<br>1.65<br>-0.16  | 40.14<br>2.24<br>0.00   | 42.96<br>2.28<br>0.00   | 43.75<br>2.04<br>0.00   | 44.92<br>1.89<br>0.00   | 49.77<br>1.82<br>0.01   | 52.60<br>1.97<br>-0.02  | 59.57<br>2.40<br>0.00   | 79.99<br>3.74<br>0.00  | 109.28<br>5.69<br>-1.97 | 118.37<br>5.37<br>-3.40 | 87.49<br>3.68<br>8.08   | 69.79<br>2.10<br>-2.07 | 50.55<br>1.21<br>-0.88 | 45.59<br>1.32<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| BARRETT___1<br>23545        | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.96<br>1.30<br>0.00   | 27.79<br>1.09<br>0.00  | 29.23<br>1.07<br>0.00   | 33.16<br>1.34<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.60<br>1.41<br>-1.22  | 45.26<br>1.65<br>-0.16  | 40.14<br>2.24<br>0.00   | 42.96<br>2.28<br>0.00   | 43.75<br>2.04<br>0.00   | 44.92<br>1.89<br>0.00   | 49.77<br>1.82<br>0.01   | 52.60<br>1.97<br>-0.02  | 59.57<br>2.40<br>0.00   | 79.99<br>3.74<br>0.00  | 109.28<br>5.69<br>-1.97 | 118.37<br>5.37<br>-3.40 | 87.49<br>3.68<br>8.08   | 69.79<br>2.10<br>-2.07 | 50.55<br>1.21<br>-0.88 | 45.59<br>1.32<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| BARRETT___2<br>23546        | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.96<br>1.30<br>0.00   | 27.79<br>1.09<br>0.00  | 29.23<br>1.07<br>0.00   | 33.16<br>1.34<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.60<br>1.41<br>-1.22  | 45.26<br>1.65<br>-0.16  | 40.14<br>2.24<br>0.00   | 42.96<br>2.28<br>0.00   | 43.75<br>2.04<br>0.00   | 44.92<br>1.89<br>0.00   | 49.77<br>1.82<br>0.01   | 52.60<br>1.97<br>-0.02  | 59.57<br>2.40<br>0.00   | 79.99<br>3.74<br>0.00  | 109.28<br>5.69<br>-1.97 | 118.37<br>5.37<br>-3.40 | 87.49<br>3.68<br>8.08   | 69.79<br>2.10<br>-2.07 | 50.55<br>1.21<br>-0.88 | 45.59<br>1.32<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| BATAVIA__115KV_TB1<br>55881 | 33.05<br>-0.61<br>-0.01 | 28.82<br>-0.54<br>0.49 | 27.11<br>-0.55<br>-0.01 | 26.21<br>-0.40<br>0.08 | 27.72<br>-0.45<br>-0.01 | 30.07<br>-0.67<br>1.08 | 36.13<br>-1.18<br>-0.52 | 42.27<br>-1.98<br>-0.27 | 41.60<br>-1.87<br>-0.02 | 37.81<br>-1.36<br>-1.27 | 40.18<br>-1.63<br>-1.12 | 41.36<br>-1.54<br>-1.19 | 45.99<br>-0.90<br>-3.86 | 51.81<br>-0.43<br>-4.29 | 54.52<br>-0.61<br>-4.53 | 56.48<br>-1.20<br>-0.51 | 73.43<br>-2.82<br>0.00 | 98.57<br>-3.05<br>0.00  | 108.17<br>-1.42<br>0.00 | 92.26<br>0.37<br>0.00   | 63.98<br>-1.64<br>0.00 | 48.07<br>-0.39<br>0.00 | 43.13<br>-0.84<br>0.00 | 38.79<br>0.15<br>0.00  |
| BAYONEEC___CTG1<br>323682   | 35.96<br>2.32<br>0.00   | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00   | 28.22<br>1.52<br>0.00  | 29.65<br>1.49<br>0.00   | 33.57<br>1.75<br>0.00  | 40.96<br>2.17<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.67<br>2.77<br>0.00   | 43.58<br>2.89<br>0.00   | 44.67<br>2.96<br>0.00   | 46.04<br>3.01<br>0.00   | 50.79<br>2.83<br>0.00   | 53.46<br>2.83<br>-0.02  | 60.37<br>3.20<br>0.00   | 81.51<br>5.26<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.38<br>5.97<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.52<br>2.24<br>-0.31 | 41.03<br>2.09<br>-0.30 |
| BAYONEEC___CTG10<br>323750  | 35.96<br>2.32<br>0.00   | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00   | 28.22<br>1.52<br>0.00  | 29.65<br>1.49<br>0.00   | 33.57<br>1.75<br>0.00  | 40.96<br>2.17<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.67<br>2.77<br>0.00   | 43.58<br>2.89<br>0.00   | 44.67<br>2.96<br>0.00   | 46.04<br>3.01<br>0.00   | 50.79<br>2.83<br>0.00   | 53.46<br>2.83<br>-0.02  | 60.37<br>3.20<br>0.00   | 81.51<br>5.26<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.38<br>5.97<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.52<br>2.24<br>-0.31 | 41.03<br>2.09<br>-0.30 |
| BAYONEEC___CTG2<br>323683   | 35.96<br>2.32<br>0.00   | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00   | 28.22<br>1.52<br>0.00  | 29.65<br>1.49<br>0.00   | 33.57<br>1.75<br>0.00  | 40.96<br>2.17<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.67<br>2.77<br>0.00   | 43.58<br>2.89<br>0.00   | 44.67<br>2.96<br>0.00   | 46.04<br>3.01<br>0.00   | 50.79<br>2.83<br>0.00   | 53.46<br>2.83<br>-0.02  | 60.37<br>3.20<br>0.00   | 81.51<br>5.26<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.38<br>5.97<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.52<br>2.24<br>-0.31 | 41.03<br>2.09<br>-0.30 |
| BAYONEEC___CTG3<br>323684   | 35.96<br>2.32<br>0.00   | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00   | 28.22<br>1.52<br>0.00  | 29.65<br>1.49<br>0.00   | 33.57<br>1.75<br>0.00  | 40.96<br>2.17<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.67<br>2.77<br>0.00   | 43.58<br>2.89<br>0.00   | 44.67<br>2.96<br>0.00   | 46.04<br>3.01<br>0.00   | 50.79<br>2.83<br>0.00   | 53.46<br>2.83<br>-0.02  | 60.37<br>3.20<br>0.00   | 81.51<br>5.26<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.38<br>5.97<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.52<br>2.24<br>-0.31 | 41.03<br>2.09<br>-0.30 |
| BAYONEEC___CTG4<br>323685   | 35.96<br>2.32<br>0.00   | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00   | 28.22<br>1.52<br>0.00  | 29.65<br>1.49<br>0.00   | 33.57<br>1.75<br>0.00  | 40.96<br>2.17<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.67<br>2.77<br>0.00   | 43.58<br>2.89<br>0.00   | 44.67<br>2.96<br>0.00   | 46.04<br>3.01<br>0.00   | 50.79<br>2.83<br>0.00   | 53.46<br>2.83<br>-0.02  | 60.37<br>3.20<br>0.00   | 81.51<br>5.26<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.38<br>5.97<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.52<br>2.24<br>-0.31 | 41.03<br>2.09<br>-0.30 |
| BAYONEEC___CTG5<br>323686   | 35.96<br>2.32<br>0.00   | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00   | 28.22<br>1.52<br>0.00  | 29.65<br>1.49<br>0.00   | 33.57<br>1.75<br>0.00  | 40.96<br>2.17<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.67<br>2.77<br>0.00   | 43.58<br>2.89<br>0.00   | 44.67<br>2.96<br>0.00   | 46.04<br>3.01<br>0.00   | 50.79<br>2.83<br>0.00   | 53.46<br>2.83<br>-0.02  | 60.37<br>3.20<br>0.00   | 81.51<br>5.26<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.38<br>5.97<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.52<br>2.24<br>-0.31 | 41.03<br>2.09<br>-0.30 |
| BAYONEEC___CTG6<br>323687   | 35.96<br>2.32<br>0.00   | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00   | 28.22<br>1.52<br>0.00  | 29.65<br>1.49<br>0.00   | 33.57<br>1.75<br>0.00  | 40.96<br>2.17<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.67<br>2.77<br>0.00   | 43.58<br>2.89<br>0.00   | 44.67<br>2.96<br>0.00   | 46.04<br>3.01<br>0.00   | 50.79<br>2.83<br>0.00   | 53.46<br>2.83<br>-0.02  | 60.37<br>3.20<br>0.00   | 81.51<br>5.26<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.38<br>5.97<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.52<br>2.24<br>-0.31 | 41.03<br>2.09<br>-0.30 |
| BAYONEEC___CTG7<br>323688   | 35.96<br>2.32<br>0.00   | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00   | 28.22<br>1.52<br>0.00  | 29.65<br>1.49<br>0.00   | 33.57<br>1.75<br>0.00  | 40.96<br>2.17<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.67<br>2.77<br>0.00   | 43.58<br>2.89<br>0.00   | 44.67<br>2.96<br>0.00   | 46.04<br>3.01<br>0.00   | 50.79<br>2.83<br>0.00   | 53.46<br>2.83<br>-0.02  | 60.37<br>3.20<br>0.00   | 81.51<br>5.26<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.38<br>5.97<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.52<br>2.24<br>-0.31 | 41.03<br>2.09<br>-0.30 |



|                                         |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                         |                         |                        |                        |                        |                        |
|-----------------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG8<br>323689               | 35.96<br>2.32<br>0.00   | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00   | 28.22<br>1.52<br>0.00  | 29.65<br>1.49<br>0.00   | 33.57<br>1.75<br>0.00  | 40.96<br>2.17<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.67<br>2.77<br>0.00   | 43.58<br>2.89<br>0.00   | 44.67<br>2.96<br>0.00   | 46.04<br>3.01<br>0.00   | 50.79<br>2.83<br>0.00   | 53.46<br>2.83<br>-0.02  | 60.37<br>3.20<br>0.00   | 81.51<br>5.26<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.38<br>5.97<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.52<br>2.24<br>-0.31 | 41.03<br>2.09<br>-0.30 |
| BAYONEEC___CTG9<br>323749               | 35.96<br>2.32<br>0.00   | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00   | 28.22<br>1.52<br>0.00  | 29.65<br>1.49<br>0.00   | 33.57<br>1.75<br>0.00  | 40.96<br>2.17<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.67<br>2.77<br>0.00   | 43.58<br>2.89<br>0.00   | 44.67<br>2.96<br>0.00   | 46.04<br>3.01<br>0.00   | 50.79<br>2.83<br>0.00   | 53.46<br>2.83<br>-0.02  | 60.37<br>3.20<br>0.00   | 81.51<br>5.26<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.38<br>5.97<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.52<br>2.24<br>-0.31 | 41.03<br>2.09<br>-0.30 |
| BEACON___LESR<br>323632                 | 34.21<br>0.57<br>0.00   | 30.40<br>0.57<br>0.00  | 28.15<br>0.50<br>0.00   | 27.20<br>0.51<br>0.00  | 28.69<br>0.53<br>0.00   | 32.49<br>0.67<br>0.00  | -4.14<br>1.10<br>42.04  | 19.22<br>1.14<br>25.89  | 41.41<br>1.04<br>3.08   | 38.62<br>0.72<br>0.00   | 41.29<br>0.61<br>0.01   | 42.26<br>0.58<br>0.03   | 43.41<br>0.43<br>0.05   | 48.02<br>0.19<br>0.13   | 50.67<br>0.25<br>0.19   | 57.40<br>0.51<br>0.29   | 77.69<br>1.60<br>0.17  | 62.36<br>2.95<br>42.21  | 40.86<br>3.40<br>72.14  | 19.77<br>2.39<br>74.50  | 22.86<br>1.24<br>44.00 | 30.54<br>0.73<br>18.65 | 38.17<br>0.66<br>6.46  | 32.90<br>0.62<br>6.36  |
| BEAVER RIVER___HYD<br>24048             | 34.05<br>0.00<br>-0.41  | 29.93<br>0.09<br>0.00  | 27.96<br>0.11<br>-0.20  | 26.91<br>0.11<br>-0.11 | 28.45<br>0.08<br>-0.21  | 32.08<br>0.25<br>0.00  | 38.61<br>0.66<br>-1.15  | 47.40<br>1.10<br>-2.33  | 45.44<br>0.52<br>-1.46  | 39.17<br>0.11<br>-1.15  | 42.02<br>0.32<br>-1.01  | 43.05<br>0.42<br>-0.93  | 46.87<br>0.34<br>-3.50  | 52.13<br>0.29<br>-3.88  | 54.85<br>0.15<br>-4.10  | 62.21<br>0.40<br>-4.63  | 77.01<br>0.76<br>0.00  | 103.54<br>1.93<br>0.00  | 113.00<br>3.40<br>0.00  | 95.10<br>3.21<br>0.00   | 67.58<br>1.97<br>0.00  | 49.96<br>1.50<br>0.00  | 44.67<br>0.70<br>0.00  | 39.10<br>0.47<br>0.00  |
| BEEBEE_GT_13<br>23619                   | 33.17<br>-0.44<br>0.03  | 28.89<br>-0.42<br>0.53 | 27.26<br>-0.39<br>0.01  | 26.27<br>-0.32<br>0.11 | 27.81<br>-0.34<br>0.01  | 30.19<br>-0.45<br>1.19 | 36.60<br>-0.63<br>-0.43 | 42.31<br>-1.19<br>0.47  | 42.22<br>-1.09<br>0.14  | 38.44<br>-0.72<br>-1.26 | 40.90<br>-0.90<br>-1.11 | 42.10<br>-0.79<br>-1.18 | 46.52<br>-0.34<br>-3.83 | 52.21<br>0.00<br>-4.25  | 55.09<br>0.00<br>-4.49  | 56.98<br>-0.23<br>-0.04 | 74.88<br>-1.37<br>0.00 | 100.30<br>-1.32<br>0.00 | 109.16<br>-0.44<br>0.00 | 92.81<br>0.92<br>0.00   | 64.83<br>-0.79<br>0.00 | 48.41<br>-0.05<br>0.00 | 43.49<br>-0.48<br>0.00 | 38.52<br>-0.12<br>0.00 |
| BENSHRST_27_KV_BENSHRST_1<br>355998     | 36.24<br>2.59<br>-0.01  | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01  | 28.44<br>1.74<br>-0.01 | 29.91<br>1.75<br>-0.01  | 33.87<br>2.04<br>-0.01 | 41.30<br>2.50<br>-2.00  | 47.93<br>2.73<br>-1.23  | 46.90<br>3.30<br>-0.15  | 40.98<br>3.07<br>0.00   | 44.10<br>3.42<br>0.00   | 45.17<br>3.46<br>0.00   | 46.73<br>3.70<br>0.00   | 51.13<br>3.17<br>0.00   | 53.84<br>3.24<br>0.00   | 60.54<br>3.37<br>0.00   | 82.05<br>5.80<br>0.00  | 112.65<br>9.04<br>-1.99 | 122.11<br>9.10<br>-3.41 | 102.03<br>6.62<br>-3.52 | 71.37<br>3.67<br>-2.08 | 51.57<br>2.23<br>-0.89 | 47.05<br>2.77<br>-0.31 | 41.53<br>2.59<br>-0.30 |
| BETHLEHEM___GRP<br>23843                | 33.81<br>0.17<br>0.00   | 30.05<br>0.21<br>0.00  | 27.85<br>0.19<br>0.00   | 26.91<br>0.21<br>0.00  | 28.38<br>0.23<br>0.00   | 32.08<br>0.25<br>0.00  | 16.02<br>0.63<br>21.40  | 31.32<br>0.53<br>13.18  | 42.45<br>0.56<br>1.57   | 38.25<br>0.34<br>0.00   | 41.01<br>0.33<br>0.00   | 41.91<br>0.21<br>0.00   | 43.21<br>0.17<br>0.00   | 47.62<br>-0.34<br>0.00  | 50.35<br>-0.25<br>0.00  | 57.00<br>-0.17<br>0.00  | 76.71<br>0.46<br>0.00  | 81.57<br>1.32<br>21.37  | 74.43<br>1.53<br>36.70  | 54.91<br>0.92<br>37.90  | 43.43<br>0.20<br>22.38 | 38.97<br>0.00<br>9.49  | 40.77<br>0.09<br>3.29  | 35.48<br>0.08<br>3.24  |
| BETHLEHEM___GS1<br>323560               | 33.81<br>0.17<br>0.00   | 30.05<br>0.21<br>0.00  | 27.85<br>0.19<br>0.00   | 26.88<br>0.19<br>0.00  | 28.38<br>0.22<br>0.00   | 32.08<br>0.25<br>0.00  | 16.02<br>0.62<br>21.40  | 31.32<br>0.53<br>13.18  | 42.36<br>0.48<br>1.57   | 38.25<br>0.34<br>0.00   | 40.93<br>0.25<br>0.00   | 41.87<br>0.17<br>0.00   | 42.99<br>-0.04<br>0.00  | 47.67<br>-0.29<br>0.00  | 50.23<br>-0.35<br>0.01  | 57.00<br>-0.17<br>0.00  | 76.71<br>0.46<br>0.00  | 81.56<br>1.32<br>21.37  | 74.43<br>1.53<br>36.70  | 54.91<br>0.92<br>37.90  | 43.43<br>0.20<br>22.38 | 38.97<br>0.00<br>9.49  | 40.72<br>0.04<br>3.29  | 35.48<br>0.08<br>3.24  |
| BETHLEHEM___GS2<br>323561               | 33.81<br>0.17<br>0.00   | 30.05<br>0.21<br>0.00  | 27.85<br>0.19<br>0.00   | 26.88<br>0.19<br>0.00  | 28.38<br>0.22<br>0.00   | 32.08<br>0.25<br>0.00  | 16.02<br>0.62<br>21.40  | 31.32<br>0.53<br>13.18  | 42.36<br>0.48<br>1.57   | 38.25<br>0.34<br>0.00   | 40.93<br>0.25<br>0.00   | 41.87<br>0.17<br>0.00   | 42.99<br>-0.04<br>0.00  | 47.67<br>-0.29<br>0.00  | 50.23<br>-0.35<br>0.01  | 57.00<br>-0.17<br>0.00  | 76.71<br>0.46<br>0.00  | 81.56<br>1.32<br>21.37  | 74.43<br>1.53<br>36.70  | 54.91<br>0.92<br>37.90  | 43.43<br>0.20<br>22.38 | 38.97<br>0.00<br>9.49  | 40.72<br>0.04<br>3.29  | 35.48<br>0.08<br>3.24  |
| BETHLEHEM___GS3<br>323562               | 33.81<br>0.17<br>0.00   | 30.05<br>0.21<br>0.00  | 27.85<br>0.19<br>0.00   | 26.88<br>0.19<br>0.00  | 28.38<br>0.22<br>0.00   | 32.08<br>0.25<br>0.00  | 16.02<br>0.62<br>21.40  | 31.32<br>0.53<br>13.18  | 42.36<br>0.48<br>1.57   | 38.25<br>0.34<br>0.00   | 40.93<br>0.25<br>0.00   | 41.87<br>0.17<br>0.00   | 42.99<br>-0.04<br>0.00  | 47.67<br>-0.29<br>0.00  | 50.23<br>-0.35<br>0.01  | 57.00<br>-0.17<br>0.00  | 76.71<br>0.46<br>0.00  | 81.56<br>1.32<br>21.37  | 74.43<br>1.53<br>36.70  | 54.91<br>0.92<br>37.90  | 43.43<br>0.20<br>22.38 | 38.97<br>0.00<br>9.49  | 40.72<br>0.04<br>3.29  | 35.48<br>0.08<br>3.24  |
| BETHLEHEM___STEEL<br>23779              | 32.86<br>-0.84<br>-0.06 | 28.59<br>-0.81<br>0.44 | 26.83<br>-0.86<br>-0.03 | 26.02<br>-0.61<br>0.06 | 27.40<br>-0.79<br>-0.03 | 29.82<br>-1.02<br>0.98 | 35.59<br>-1.80<br>-0.59 | 41.55<br>-2.86<br>-0.44 | 41.09<br>-2.52<br>-0.16 | 37.09<br>-2.08<br>-1.27 | 39.57<br>-2.24<br>-1.12 | 40.82<br>-2.09<br>-1.20 | 45.40<br>-1.51<br>-3.88 | 51.11<br>-1.15<br>-4.30 | 53.68<br>-1.47<br>-4.54 | 55.81<br>-2.29<br>-0.93 | 71.75<br>-4.50<br>0.00 | 96.13<br>-5.49<br>0.00  | 105.76<br>-3.84<br>0.00 | 89.87<br>-2.02<br>0.00  | 62.27<br>-3.35<br>0.00 | 46.86<br>-1.60<br>0.00 | 42.21<br>-1.76<br>0.00 | 37.75<br>-0.89<br>0.00 |
| BETHLHEM_115KV_TB1<br>79974             | 33.88<br>0.24<br>0.00   | 30.11<br>0.27<br>0.00  | 27.90<br>0.25<br>0.00   | 26.96<br>0.27<br>0.00  | 28.41<br>0.25<br>0.00   | 32.11<br>0.29<br>0.00  | 17.17<br>0.66<br>20.29  | 32.05<br>0.57<br>12.49  | 42.57<br>0.61<br>1.49   | 38.32<br>0.42<br>0.00   | 41.13<br>0.45<br>0.00   | 42.04<br>0.33<br>0.00   | 43.33<br>0.30<br>0.00   | 47.77<br>-0.19<br>0.00  | 50.50<br>-0.10<br>0.00  | 57.17<br>0.00<br>0.00   | 76.94<br>0.69<br>0.00  | 82.89<br>1.52<br>20.26  | 76.57<br>1.75<br>34.78  | 57.07<br>1.10<br>35.92  | 44.73<br>0.33<br>21.22 | 39.56<br>0.10<br>9.00  | 41.03<br>0.18<br>3.12  | 35.76<br>0.19<br>3.07  |
| BETHPAGE_CC_5<br>323564                 | 35.73<br>2.09<br>0.00   | 31.60<br>1.76<br>0.00  | 29.04<br>1.38<br>0.00   | 27.87<br>1.17<br>0.00  | 29.31<br>1.15<br>0.00   | 33.19<br>1.37<br>0.00  | 40.60<br>1.80<br>-2.00  | 46.77<br>1.58<br>-1.22  | 45.52<br>1.91<br>-0.15  | 40.37<br>2.46<br>0.00   | 43.21<br>2.52<br>0.00   | 43.65<br>2.29<br>0.35   | 45.09<br>2.11<br>0.06   | 50.01<br>2.11<br>0.05   | 52.85<br>2.28<br>0.03   | 59.81<br>2.80<br>0.16   | 80.11<br>4.27<br>0.41  | 109.49<br>6.81<br>-1.07 | 118.40<br>6.46<br>-2.33 | 90.39<br>4.59<br>6.09   | 69.77<br>2.49<br>-1.67 | 50.84<br>1.50<br>-0.87 | 45.81<br>1.54<br>-0.30 | 41.10<br>2.16<br>-0.30 |
| BIGTREE_115_KV_TB2_REV_LBMP_A<br>345034 | 32.90<br>-0.81<br>-0.06 | 28.56<br>-0.84<br>0.44 | 26.80<br>-0.88<br>-0.03 | 26.02<br>-0.61<br>0.06 | 27.38<br>-0.82<br>-0.04 | 29.83<br>-1.02<br>0.98 | 35.63<br>-1.77<br>-0.60 | 41.61<br>-2.81<br>-0.45 | 41.15<br>-2.48<br>-0.17 | 37.13<br>-2.05<br>-1.27 | 39.65<br>-2.16<br>-1.12 | 40.86<br>-2.04<br>-1.20 | 45.49<br>-1.42<br>-3.88 | 51.21<br>-1.06<br>-4.31 | 53.73<br>-1.42<br>-4.55 | 55.91<br>-2.23<br>-0.97 | 71.90<br>-4.35<br>0.00 | 96.44<br>-5.18<br>0.00  | 106.09<br>-3.51<br>0.00 | 90.05<br>-1.84<br>0.00  | 62.40<br>-3.22<br>0.00 | 46.96<br>-1.50<br>0.00 | 42.26<br>-1.71<br>0.00 | 37.79<br>-0.85<br>0.00 |
| BINGHAMTON___COGEN<br>23790             | 34.22<br>0.20<br>-0.38  | 29.86<br>0.15<br>0.13  | 27.98<br>0.14<br>-0.18  | 26.93<br>0.16<br>-0.08 | 28.47<br>0.11<br>-0.20  | 31.64<br>0.10<br>0.28  | 38.17<br>0.18<br>-1.19  | 45.94<br>0.13<br>-1.83  | 45.33<br>0.13<br>-1.75  | 39.36<br>0.08<br>-1.37  | 41.94<br>0.04<br>-1.21  | 43.04<br>0.04<br>-1.29  | 47.48<br>0.26<br>-4.19  | 52.80<br>0.19<br>-4.65  | 55.71<br>0.20<br>-4.91  | 62.95<br>0.23<br>-5.55  | 76.40<br>0.15<br>0.00  | 102.63<br>1.02<br>0.00  | 111.13<br>1.53<br>0.00  | 93.45<br>1.56<br>0.00   | 65.81<br>0.20<br>0.00  | 48.70<br>0.24<br>0.00  | 44.06<br>0.09<br>0.00  | 38.79<br>0.15<br>0.00  |



|                               |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                          |                          |                          |                         |                        |                        |                        |
|-------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| BIXINCNT_115KV_LOAD<br>355685 | 32.65<br>-1.08<br>-0.08 | 28.25<br>-1.16<br>0.42 | 26.45<br>-1.24<br>-0.04 | 25.65<br>-0.99<br>0.05 | 26.99<br>-1.21<br>-0.05 | 29.58<br>-1.30<br>0.94 | 35.42<br>-2.02<br>-0.64 | 41.64<br>-2.86<br>-0.53 | 41.17<br>-2.52<br>-0.24 | 37.14<br>-2.05<br>-1.28 | 39.86<br>-1.95<br>-1.13 | 41.08<br>-1.84<br>-1.20 | 45.68<br>-1.25<br>-3.90 | 51.38<br>-0.91<br>-4.33 | 53.80<br>-1.37<br>-4.57 | 56.21<br>-2.12<br>-1.15 | 72.13<br>-4.12<br>0.00 | 97.15<br>-4.47<br>0.00   | 106.97<br>-2.63<br>0.00  | 90.60<br>-1.29<br>0.00   | 62.79<br>-2.82<br>0.00  | 47.15<br>-1.31<br>0.00 | 42.17<br>-1.80<br>0.00 | 37.44<br>-1.20<br>0.00 |
| BLACK RIVER___HYD<br>24047    | 34.67<br>0.37<br>-0.66  | 30.29<br>0.45<br>0.00  | 28.41<br>0.44<br>-0.32  | 27.27<br>0.40<br>-0.17 | 28.89<br>0.39<br>-0.34  | 32.46<br>0.64<br>0.00  | 39.82<br>1.18<br>-1.84  | 49.42<br>1.76<br>-3.69  | 46.81<br>1.04<br>-2.31  | 40.18<br>0.46<br>-1.82  | 42.86<br>0.57<br>-1.60  | 43.82<br>0.67<br>-1.45  | 49.17<br>0.60<br>-5.54  | 54.68<br>0.58<br>-6.15  | 57.55<br>0.45<br>-6.49  | 65.36<br>0.86<br>-7.33  | 77.78<br>1.52<br>0.00  | 105.08<br>3.46<br>0.00   | 115.08<br>5.48<br>0.00   | 97.03<br>5.14<br>0.00    | 68.70<br>3.08<br>0.00   | 50.69<br>2.23<br>0.00  | 45.29<br>1.32<br>0.00  | 39.60<br>0.97<br>0.00  |
| BLACKRVR_115KV_TB2<br>79977   | 34.67<br>0.37<br>-0.66  | 30.29<br>0.45<br>0.00  | 28.41<br>0.44<br>-0.32  | 27.27<br>0.40<br>-0.17 | 28.89<br>0.39<br>-0.34  | 32.46<br>0.64<br>0.00  | 39.82<br>1.18<br>-1.84  | 48.81<br>1.76<br>-3.08  | 46.76<br>1.00<br>-2.31  | 40.18<br>0.45<br>-1.82  | 42.82<br>0.53<br>-1.60  | 44.04<br>0.63<br>-1.71  | 49.09<br>0.52<br>-5.54  | 54.68<br>0.58<br>-6.15  | 57.55<br>0.46<br>-6.49  | 65.36<br>0.86<br>-7.33  | 77.78<br>1.53<br>0.00  | 105.68<br>4.06<br>0.00   | 115.08<br>5.48<br>0.00   | 97.03<br>5.15<br>0.00    | 68.70<br>3.08<br>0.00   | 50.69<br>2.23<br>0.00  | 45.29<br>1.32<br>0.00  | 39.60<br>0.97<br>0.00  |
| BLDWN_LI_69_KV_BK4<br>356085  | 35.86<br>2.22<br>0.00   | 31.66<br>1.82<br>0.00  | 29.12<br>1.47<br>0.00   | 27.95<br>1.25<br>0.00  | 29.37<br>1.21<br>0.00   | 33.32<br>1.50<br>0.00  | 40.71<br>1.91<br>-2.00  | 46.95<br>1.76<br>-1.22  | 45.81<br>2.22<br>-0.14  | 40.48<br>2.58<br>0.00   | 43.70<br>3.01<br>0.00   | 44.63<br>2.92<br>0.00   | 46.00<br>2.97<br>0.00   | 50.21<br>2.25<br>0.01   | 53.13<br>2.53<br>0.00   | 60.26<br>3.09<br>0.00   | 80.52<br>4.27<br>0.00  | 110.31<br>6.71<br>-1.98  | 119.58<br>6.58<br>-3.41  | 92.10<br>4.59<br>4.38    | 70.19<br>2.49<br>-2.08  | 51.08<br>1.74<br>-0.88 | 46.07<br>1.80<br>-0.30 | 41.22<br>2.28<br>-0.30 |
| BLISS_WT_PWR<br>323608        | 32.55<br>-1.18<br>-0.08 | 28.17<br>-1.25<br>0.42 | 26.34<br>-1.35<br>-0.04 | 25.55<br>-1.10<br>0.05 | 26.88<br>-1.32<br>-0.05 | 29.46<br>-1.43<br>0.94 | 35.27<br>-2.17<br>-0.64 | 43.20<br>-2.99<br>-2.22 | 41.52<br>-2.17<br>-0.24 | 36.01<br>-2.08<br>-0.19 | 39.38<br>-1.46<br>-0.15 | 40.81<br>-1.08<br>-0.19 | 43.54<br>-0.04<br>-0.55 | 47.30<br>-0.62<br>0.04  | 50.08<br>-0.66<br>-0.14 | 55.97<br>-2.35<br>-1.15 | 71.75<br>-4.50<br>0.00 | 97.45<br>-4.17<br>0.00   | 106.97<br>-2.63<br>0.00  | 90.69<br>-1.20<br>0.00   | 62.80<br>-2.82<br>0.00  | 47.15<br>-1.31<br>0.00 | 42.39<br>-1.58<br>0.00 | 37.32<br>-1.31<br>0.00 |
| BLUESTONE___WT_PWR<br>323821  | 35.20<br>1.14<br>-0.41  | 30.88<br>1.04<br>0.00  | 28.85<br>0.99<br>-0.20  | 27.79<br>0.99<br>-0.11 | 29.35<br>0.99<br>-0.21  | 33.00<br>1.18<br>0.00  | 39.65<br>1.69<br>-1.16  | 48.50<br>2.15<br>-2.37  | 48.04<br>3.30<br>-1.29  | 41.23<br>2.31<br>-1.01  | 43.86<br>2.28<br>-0.89  | 45.08<br>2.42<br>-0.96  | 48.79<br>2.67<br>-3.09  | 54.07<br>2.68<br>-3.43  | 56.95<br>2.73<br>-3.62  | 65.03<br>3.77<br>-4.09  | 82.04<br>5.79<br>0.00  | 111.68<br>10.06<br>0.00  | 122.20<br>12.60<br>0.00  | 102.54<br>10.65<br>0.00  | 71.72<br>6.10<br>0.00   | 52.77<br>4.31<br>0.00  | 47.27<br>3.30<br>0.00  | 41.38<br>2.74<br>0.00  |
| BLUE_CIRC_CHEM_DRP<br>24182   | 33.57<br>-0.07<br>0.00  | 29.81<br>-0.03<br>0.00 | 27.66<br>0.00<br>0.00   | 26.72<br>0.03<br>0.00  | 28.16<br>0.00<br>0.00   | 31.82<br>0.00<br>0.00  | 15.95<br>0.26<br>21.10  | 31.11<br>0.13<br>13.00  | 41.90<br>0.00<br>1.55   | 37.64<br>-0.27<br>0.00  | 40.16<br>-0.33<br>0.20  | 40.77<br>-0.42<br>0.52  | 41.65<br>-0.47<br>0.91  | 44.59<br>-0.96<br>2.41  | 46.45<br>-0.91<br>3.24  | 50.90<br>-0.86<br>5.41  | 72.73<br>-0.38<br>3.14 | 77.28<br>0.41<br>24.74   | 73.94<br>0.55<br>36.21   | 54.68<br>0.18<br>37.39   | 43.34<br>-0.20<br>22.08 | 38.81<br>-0.29<br>9.36 | 40.55<br>-0.18<br>3.24 | 35.33<br>-0.12<br>3.19 |
| BOC_GAS_DRP<br>24189          | 34.11<br>0.47<br>0.00   | 30.26<br>0.42<br>0.00  | 28.04<br>0.39<br>0.00   | 27.10<br>0.40<br>0.00  | 28.55<br>0.39<br>0.00   | 32.24<br>0.41<br>0.00  | 23.41<br>0.70<br>14.08  | 36.00<br>0.70<br>8.67   | 43.20<br>0.78<br>1.03   | 38.55<br>0.64<br>0.00   | 41.39<br>0.69<br>-0.02  | 42.37<br>0.63<br>-0.04  | 43.75<br>0.65<br>-0.07  | 48.39<br>0.24<br>-0.19  | 51.16<br>0.30<br>-0.26  | 58.00<br>0.40<br>-0.43  | 77.57<br>1.07<br>-0.25 | 89.88<br>2.03<br>13.77   | 87.54<br>2.08<br>24.15   | 68.33<br>1.38<br>24.94   | 51.54<br>0.66<br>14.73  | 42.55<br>0.34<br>6.25  | 42.24<br>0.44<br>2.16  | 36.93<br>0.43<br>2.13  |
| BOONVILLE_115KV_TB1<br>79983  | 34.15<br>0.27<br>-0.24  | 30.17<br>0.33<br>0.00  | 28.07<br>0.30<br>-0.12  | 27.05<br>0.29<br>-0.06 | 28.59<br>0.31<br>-0.12  | 32.27<br>0.45<br>0.00  | 38.24<br>0.77<br>-0.67  | 46.02<br>1.14<br>-0.90  | 45.08<br>0.78<br>-0.85  | 38.99<br>0.42<br>-0.67  | 41.85<br>0.57<br>-0.59  | 42.96<br>0.63<br>-0.63  | 45.67<br>0.60<br>-2.03  | 50.84<br>0.62<br>-2.26  | 53.54<br>0.56<br>-2.39  | 60.78<br>0.91<br>-2.70  | 77.70<br>1.45<br>0.00  | 104.87<br>3.25<br>0.00   | 113.54<br>3.95<br>0.00   | 95.29<br>3.40<br>0.00    | 67.58<br>1.97<br>0.00   | 49.87<br>1.41<br>0.00  | 44.81<br>0.84<br>0.00  | 39.26<br>0.62<br>0.00  |
| BORALEX_4TH_BRANCH<br>23824   | 35.29<br>1.65<br>0.00   | 31.33<br>1.49<br>0.00  | 28.98<br>1.33<br>0.00   | 28.03<br>1.33<br>0.00  | 29.59<br>1.44<br>0.00   | 33.44<br>1.62<br>0.00  | 59.08<br>2.21<br>-20.08 | 58.80<br>2.46<br>-12.37 | 47.49<br>2.56<br>-1.47  | 39.91<br>2.01<br>0.00   | 42.92<br>2.24<br>0.00   | 43.87<br>2.17<br>0.00   | 45.23<br>2.19<br>0.00   | 49.54<br>1.58<br>0.00   | 52.37<br>1.77<br>0.00   | 59.34<br>2.17<br>0.00   | 80.06<br>3.81<br>0.00  | 127.86<br>6.10<br>-20.14 | 150.76<br>6.58<br>-34.59 | 132.84<br>5.24<br>-35.72 | 89.86<br>3.15<br>-21.10 | 59.60<br>2.23<br>-8.91 | 49.21<br>2.15<br>-3.09 | 43.61<br>1.93<br>-3.04 |
| BOWLINE___1<br>23526          | 35.52<br>1.88<br>0.00   | 31.42<br>1.58<br>0.00  | 28.98<br>1.33<br>0.00   | 27.95<br>1.25<br>0.00  | 29.39<br>1.24<br>0.00   | 33.26<br>1.43<br>0.00  | 40.55<br>1.88<br>-1.88  | 47.33<br>2.20<br>-1.16  | 46.03<br>2.43<br>-0.15  | 40.26<br>2.35<br>0.00   | 43.17<br>2.48<br>0.00   | 44.21<br>2.50<br>0.00   | 45.57<br>2.54<br>0.00   | 50.31<br>2.35<br>0.00   | 53.00<br>2.38<br>-0.02  | 59.97<br>2.80<br>0.00   | 80.83<br>4.57<br>0.00  | 110.75<br>7.32<br>-1.81  | 120.16<br>7.46<br>-3.10  | 100.51<br>5.42<br>-3.20  | 70.53<br>3.02<br>-1.89  | 51.13<br>1.84<br>-0.83 | 46.19<br>1.93<br>-0.29 | 40.70<br>1.78<br>-0.28 |
| BOWLINE___2<br>23595          | 35.49<br>1.85<br>0.00   | 31.42<br>1.58<br>0.00  | 28.98<br>1.33<br>0.00   | 27.95<br>1.25<br>0.00  | 29.39<br>1.24<br>0.00   | 33.26<br>1.43<br>0.00  | 40.51<br>1.84<br>-1.88  | 47.28<br>2.15<br>-1.16  | 46.03<br>2.43<br>-0.15  | 40.26<br>2.35<br>0.00   | 43.13<br>2.44<br>0.00   | 44.17<br>2.46<br>0.00   | 45.57<br>2.54<br>0.00   | 50.31<br>2.35<br>0.00   | 53.00<br>2.38<br>-0.02  | 59.92<br>2.74<br>0.00   | 80.83<br>4.57<br>0.00  | 110.75<br>7.32<br>-1.81  | 120.16<br>7.46<br>-3.10  | 100.51<br>5.42<br>-3.20  | 70.53<br>3.02<br>-1.89  | 51.13<br>1.84<br>-0.83 | 46.19<br>1.93<br>-0.29 | 40.70<br>1.78<br>-0.28 |
| BRADY___115KV_TB2<br>356060   | 33.94<br>0.30<br>0.00   | 30.17<br>0.33<br>0.00  | 27.96<br>0.30<br>0.00   | 26.91<br>0.21<br>0.00  | 28.44<br>0.28<br>0.00   | 32.27<br>0.45<br>0.00  | 37.46<br>0.66<br>0.00   | 44.90<br>0.92<br>0.00   | 43.84<br>0.39<br>0.00   | 38.28<br>0.38<br>0.00   | 41.09<br>0.41<br>0.00   | 42.37<br>0.67<br>0.00   | 43.42<br>0.39<br>0.00   | 48.73<br>0.77<br>0.00   | 51.11<br>0.51<br>0.00   | 57.51<br>0.34<br>0.00   | 76.63<br>0.38<br>0.00  | 101.82<br>0.20<br>0.00   | 109.93<br>0.33<br>0.00   | 92.44<br>0.55<br>0.00    | 66.86<br>1.25<br>0.00   | 49.48<br>1.02<br>0.00  | 44.85<br>0.88<br>0.00  | 39.14<br>0.50<br>0.00  |
| BRANSCOMB___SOLAR<br>323811   | 34.85<br>1.21<br>0.00   | 30.97<br>1.13<br>0.00  | 28.73<br>1.08<br>0.00   | 27.76<br>1.07<br>0.00  | 29.28<br>1.13<br>0.00   | 33.13<br>1.31<br>0.00  | 54.44<br>1.77<br>-15.87 | 55.73<br>1.98<br>-9.78  | 46.36<br>1.74<br>-1.17  | 39.01<br>1.10<br>0.00   | 41.54<br>0.86<br>0.00   | 42.54<br>0.83<br>0.00   | 43.76<br>0.73<br>0.00   | 48.58<br>0.62<br>0.00   | 51.34<br>0.76<br>0.02   | 58.31<br>1.14<br>0.00   | 78.85<br>2.59<br>0.00  | 122.21<br>4.68<br>-15.91 | 142.62<br>5.70<br>-27.33 | 124.61<br>4.50<br>-28.22 | 84.98<br>2.69<br>-16.67 | 57.30<br>1.79<br>-7.04 | 47.99<br>1.58<br>-2.44 | 42.43<br>1.39<br>-2.40 |
| BRDGHMPT_69_KV_BK1<br>55812   | 35.76<br>2.12<br>0.00   | 31.51<br>1.67<br>0.00  | 28.95<br>1.30<br>0.00   | 27.68<br>0.99<br>0.00  | 29.14<br>0.99<br>0.00   | 33.19<br>1.37<br>0.00  | 40.52<br>1.73<br>-2.00  | 46.59<br>1.41<br>-1.21  | 45.41<br>1.82<br>-0.13  | 40.41<br>2.50<br>0.00   | 43.58<br>2.89<br>0.00   | 29.81<br>2.84<br>14.73  | 43.43<br>2.75<br>2.36   | 47.70<br>1.68<br>1.93   | 50.35<br>2.02<br>2.28   | 52.96<br>2.52<br>6.73   | 62.43<br>3.66<br>17.48 | 70.68<br>6.00<br>36.94   | 75.90<br>5.70<br>39.40   | 65.53<br>3.58<br>29.94   | 52.89<br>1.57<br>14.30  | 49.77<br>0.68<br>-0.63 | 45.10<br>0.84<br>-0.30 | 40.76<br>1.82<br>-0.30 |



|                                    |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                        |                         |                         |                         |                        |                        |                        |                        |
|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| BRENTWOD_69_KV_W. BRTWOOD<br>56703 | 35.96<br>2.32<br>0.00   | 31.72<br>1.88<br>0.00   | 29.12<br>1.47<br>0.00   | 27.92<br>1.23<br>0.00   | 29.37<br>1.21<br>0.00   | 33.38<br>1.56<br>0.00   | 40.85<br>2.06<br>-2.00  | 46.86<br>1.67<br>-1.21  | 45.67<br>2.09<br>-0.13  | 40.67<br>2.77<br>0.00   | 43.82<br>3.13<br>0.00   | 43.44<br>3.21<br>1.48   | 46.02<br>3.23<br>0.24    | 50.00<br>2.25<br>0.21    | 53.04<br>2.68<br>0.24    | 59.81<br>3.32<br>0.68    | 78.46<br>3.97<br>1.76  | 106.09<br>6.40<br>1.93  | 114.59<br>6.14<br>1.15  | 86.67<br>4.23<br>9.45   | 68.64<br>2.69<br>-0.33 | 51.11<br>1.79<br>-0.85 | 45.98<br>1.71<br>-0.30 | 41.41<br>2.47<br>-0.30 |
| BRISTLHL_115KV_TB1<br>79998        | 34.78<br>-0.50<br>-1.64 | 29.78<br>-0.42<br>-0.36 | 28.06<br>-0.39<br>-0.79 | 26.83<br>-0.37<br>-0.50 | 28.58<br>-0.42<br>-0.84 | 32.17<br>-0.45<br>-0.80 | 40.67<br>-0.40<br>-4.28 | 51.12<br>-0.44<br>-7.59 | 49.33<br>-0.39<br>-6.27 | 41.25<br>-0.42<br>-3.76 | 43.48<br>-0.53<br>-3.32 | 44.71<br>-0.54<br>-3.54 | 54.02<br>-0.47<br>-11.46 | 60.11<br>-0.58<br>-12.72 | 63.48<br>-0.56<br>-13.44 | 76.12<br>-0.51<br>-19.47 | 75.34<br>-0.92<br>0.00 | 100.91<br>-0.71<br>0.00 | 108.94<br>-0.66<br>0.00 | 91.80<br>-0.09<br>0.00  | 65.03<br>-0.59<br>0.00 | 47.98<br>-0.48<br>0.00 | 43.35<br>-0.62<br>0.00 | 38.14<br>-0.50<br>0.00 |
| BROOKHAVEN___DRP<br>24191          | 35.36<br>1.72<br>0.00   | 31.15<br>1.31<br>0.00   | 28.62<br>0.97<br>0.00   | 27.39<br>0.69<br>0.00   | 28.83<br>0.68<br>0.00   | 32.78<br>0.95<br>0.00   | 40.12<br>1.32<br>-2.00  | 46.07<br>0.88<br>-1.21  | 44.89<br>1.30<br>-0.13  | 39.91<br>2.01<br>0.00   | 42.92<br>2.24<br>0.00   | 29.13<br>2.17<br>14.75  | 42.74<br>2.07<br>2.36    | 46.98<br>0.96<br>1.94    | 49.53<br>1.21<br>2.28    | 52.09<br>1.66<br>6.74    | 61.35<br>2.59<br>17.50 | 69.31<br>4.67<br>36.98  | 74.54<br>4.38<br>39.44  | 64.58<br>2.66<br>29.97  | 52.42<br>1.12<br>14.32 | 49.53<br>0.44<br>-0.63 | 44.97<br>0.70<br>-0.30 | 40.56<br>1.62<br>-0.30 |
| BROOKLYN_NAVY_YARD<br>23515        | 35.96<br>2.32<br>0.00   | 31.84<br>2.00<br>0.00   | 29.29<br>1.63<br>0.00   | 28.22<br>1.52<br>0.00   | 29.65<br>1.49<br>0.00   | 33.60<br>1.78<br>0.00   | 41.00<br>2.21<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.53<br>2.91<br>-0.17  | 40.75<br>2.84<br>0.00   | 43.62<br>2.93<br>0.00   | 44.71<br>3.00<br>0.00   | 46.09<br>3.06<br>0.00    | 50.84<br>2.88<br>0.00    | 53.56<br>2.93<br>-0.02   | 60.49<br>3.31<br>0.00    | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.57<br>6.16<br>-3.52 | 71.17<br>3.48<br>-2.08 | 51.43<br>2.08<br>-0.89 | 46.56<br>2.29<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| BROOKLYN___ARMY_DRP<br>323595      | 36.10<br>2.46<br>-0.01  | 31.96<br>2.12<br>-0.01  | 29.41<br>1.74<br>-0.01  | 28.36<br>1.66<br>-0.01  | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01  | 41.15<br>2.35<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.68<br>3.09<br>-0.15  | 40.79<br>2.88<br>0.00   | 43.94<br>3.25<br>0.00   | 44.96<br>3.25<br>0.00   | 46.52<br>3.49<br>0.00    | 50.84<br>2.88<br>0.00    | 53.58<br>2.99<br>0.00    | 60.26<br>3.09<br>0.00    | 81.59<br>5.34<br>0.00  | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| BROOME_2_LFGE<br>323671            | 34.22<br>0.20<br>-0.38  | 29.86<br>0.15<br>0.13   | 27.98<br>0.14<br>-0.18  | 26.94<br>0.16<br>-0.08  | 28.47<br>0.11<br>-0.20  | 31.64<br>0.10<br>0.28   | 38.17<br>0.18<br>-1.19  | 46.86<br>0.13<br>-2.75  | 45.42<br>0.22<br>-1.75  | 39.36<br>0.08<br>-1.37  | 42.06<br>0.16<br>-1.21  | 43.21<br>0.21<br>-1.30  | 47.78<br>0.56<br>-4.19   | 52.90<br>0.29<br>-4.65   | 55.87<br>0.36<br>-4.91   | 62.89<br>0.17<br>-5.55   | 76.40<br>0.15<br>0.00  | 102.74<br>1.12<br>0.00  | 111.13<br>1.53<br>0.00  | 93.45<br>1.56<br>0.00   | 65.81<br>0.20<br>0.00  | 48.70<br>0.24<br>0.00  | 44.10<br>0.13<br>0.00  | 38.79<br>0.16<br>0.00  |
| BROOME___LFGE<br>323600            | 34.22<br>0.20<br>-0.38  | 29.86<br>0.15<br>0.13   | 27.98<br>0.14<br>-0.18  | 26.94<br>0.16<br>-0.08  | 28.47<br>0.11<br>-0.20  | 31.64<br>0.10<br>0.28   | 38.17<br>0.18<br>-1.19  | 46.86<br>0.13<br>-2.75  | 45.42<br>0.22<br>-1.75  | 39.36<br>0.08<br>-1.37  | 42.06<br>0.16<br>-1.21  | 43.21<br>0.21<br>-1.30  | 47.78<br>0.56<br>-4.19   | 52.90<br>0.29<br>-4.65   | 55.87<br>0.36<br>-4.91   | 62.89<br>0.17<br>-5.55   | 76.40<br>0.15<br>0.00  | 102.74<br>1.12<br>0.00  | 111.13<br>1.53<br>0.00  | 93.45<br>1.56<br>0.00   | 65.81<br>0.20<br>0.00  | 48.70<br>0.24<br>0.00  | 44.10<br>0.13<br>0.00  | 38.79<br>0.16<br>0.00  |
| BROWNFLS_115KV_TB 3_5<br>80003     | 33.99<br>0.07<br>-0.28  | 29.96<br>0.12<br>0.00   | 27.90<br>0.11<br>-0.14  | 26.85<br>0.08<br>-0.08  | 28.42<br>0.11<br>-0.15  | 32.08<br>0.25<br>0.00   | 38.26<br>0.66<br>-0.80  | 46.36<br>1.06<br>-1.33  | 44.98<br>0.48<br>-1.05  | 38.96<br>0.23<br>-0.82  | 41.78<br>0.37<br>-0.73  | 43.07<br>0.58<br>-0.78  | 45.93<br>0.39<br>-2.51   | 51.27<br>0.53<br>-2.78   | 53.79<br>0.25<br>-2.94   | 60.67<br>0.17<br>-3.32   | 76.56<br>0.31<br>0.00  | 102.63<br>1.02<br>0.00  | 111.02<br>1.42<br>0.00  | 93.36<br>1.47<br>0.00   | 66.93<br>1.31<br>0.00  | 49.62<br>1.16<br>0.00  | 44.67<br>0.70<br>0.00  | 39.02<br>0.39<br>0.00  |
| BROWNSV1_27_KV_LOAD<br>356125      | 36.23<br>2.59<br>0.00   | 32.08<br>2.24<br>0.00   | 29.48<br>1.83<br>0.00   | 28.40<br>1.71<br>0.00   | 29.85<br>1.69<br>0.00   | 33.83<br>2.00<br>0.00   | 41.26<br>2.47<br>-2.00  | 48.10<br>2.90<br>-1.23  | 47.03<br>3.43<br>-0.15  | 41.01<br>3.11<br>0.00   | 44.19<br>3.50<br>0.00   | 45.21<br>3.50<br>0.00   | 46.73<br>3.70<br>0.00    | 51.22<br>3.26<br>0.00    | 54.04<br>3.44<br>0.00    | 60.94<br>3.77<br>0.00    | 82.35<br>6.10<br>0.00  | 112.95<br>9.35<br>-1.99 | 122.44<br>9.43<br>-3.41 | 102.40<br>6.98<br>-3.52 | 71.77<br>4.07<br>-2.08 | 51.87<br>2.52<br>-0.89 | 47.00<br>2.73<br>-0.31 | 41.37<br>2.43<br>-0.30 |
| BURROWS___LYONSDAL<br>23803        | 34.08<br>0.17<br>-0.27  | 30.05<br>0.21<br>0.00   | 28.01<br>0.22<br>-0.13  | 26.98<br>0.21<br>-0.07  | 28.52<br>0.23<br>-0.14  | 32.17<br>0.35<br>0.00   | 38.26<br>0.70<br>-0.77  | 46.12<br>1.06<br>-1.09  | 45.07<br>0.65<br>-0.97  | 38.97<br>0.30<br>-0.76  | 41.81<br>0.45<br>-0.67  | 42.97<br>0.54<br>-0.72  | 45.87<br>0.52<br>-2.32   | 51.06<br>0.53<br>-2.58   | 53.78<br>0.46<br>-2.72   | 60.99<br>0.74<br>-3.08   | 77.55<br>1.30<br>0.00  | 104.67<br>3.05<br>0.00  | 113.43<br>3.84<br>0.00  | 95.29<br>3.40<br>0.00   | 67.58<br>1.97<br>0.00  | 49.87<br>1.41<br>0.00  | 44.67<br>0.70<br>0.00  | 39.18<br>0.54<br>0.00  |
| CAITHNESS_CC_1<br>323624           | 35.36<br>1.71<br>0.00   | 31.15<br>1.31<br>0.00   | 28.62<br>0.97<br>0.00   | 27.39<br>0.69<br>0.00   | 28.83<br>0.67<br>0.00   | 32.78<br>0.95<br>0.00   | 40.12<br>1.32<br>-2.00  | 46.07<br>0.88<br>-1.21  | 44.73<br>1.13<br>-0.15  | 39.88<br>1.97<br>0.00   | 42.44<br>1.75<br>0.00   | 28.44<br>1.50<br>14.77  | 41.83<br>1.16<br>2.36    | 47.03<br>1.01<br>1.94    | 49.51<br>1.16<br>2.26    | 51.91<br>1.48<br>6.75    | 61.33<br>2.59<br>17.52 | 69.17<br>4.58<br>37.03  | 74.28<br>4.16<br>39.49  | 64.45<br>2.57<br>30.01  | 52.40<br>1.11<br>14.33 | 49.48<br>0.39<br>-0.63 | 44.88<br>0.62<br>-0.30 | 40.56<br>1.62<br>-0.30 |
| CALPINE BETH_PAGE_GT4<br>24209     | 35.63<br>1.98<br>0.00   | 31.57<br>1.73<br>0.00   | 29.01<br>1.36<br>0.00   | 27.84<br>1.15<br>0.00   | 29.26<br>1.10<br>0.00   | 33.09<br>1.27<br>0.00   | 40.49<br>1.69<br>-2.00  | 46.68<br>1.50<br>-1.22  | 45.54<br>1.96<br>-0.14  | 40.33<br>2.43<br>0.00   | 43.49<br>2.81<br>0.00   | 44.38<br>2.67<br>0.00   | 45.74<br>2.71<br>0.00    | 49.87<br>1.92<br>0.01    | 52.77<br>2.18<br>0.00    | 59.86<br>2.69<br>0.00    | 80.29<br>4.04<br>0.00  | 110.00<br>6.40<br>-1.98 | 119.21<br>6.25<br>-3.36 | 91.40<br>4.32<br>4.81   | 69.97<br>2.30<br>-2.06 | 50.70<br>1.36<br>-0.88 | 45.77<br>1.49<br>-0.30 | 40.99<br>2.05<br>-0.30 |
| CALPINE_BETH_PAGE_GT_4<br>323586   | 35.63<br>1.98<br>0.00   | 31.57<br>1.73<br>0.00   | 29.01<br>1.35<br>0.00   | 27.82<br>1.12<br>0.00   | 29.25<br>1.10<br>0.00   | 33.10<br>1.27<br>0.00   | 40.49<br>1.69<br>-2.00  | 46.64<br>1.45<br>-1.22  | 45.39<br>1.78<br>-0.16  | 40.26<br>2.35<br>0.00   | 43.09<br>2.40<br>0.00   | 43.83<br>2.13<br>0.00   | 45.01<br>1.98<br>0.00    | 49.92<br>1.97<br>0.01    | 52.75<br>2.12<br>-0.02   | 59.80<br>2.63<br>0.00    | 80.29<br>4.04<br>0.00  | 110.00<br>6.41<br>-1.98 | 119.10<br>6.13<br>-3.36 | 91.40<br>4.32<br>4.81   | 69.97<br>2.30<br>-2.06 | 50.69<br>1.35<br>-0.88 | 45.68<br>1.41<br>-0.30 | 40.99<br>2.05<br>-0.30 |
| CALPINE_BP_GT1<br>23823            | 35.63<br>1.98<br>0.00   | 31.57<br>1.73<br>0.00   | 29.01<br>1.35<br>0.00   | 27.82<br>1.12<br>0.00   | 29.25<br>1.10<br>0.00   | 33.10<br>1.27<br>0.00   | 40.49<br>1.69<br>-2.00  | 46.64<br>1.45<br>-1.22  | 45.39<br>1.78<br>-0.16  | 40.26<br>2.35<br>0.00   | 43.09<br>2.40<br>0.00   | 43.83<br>2.13<br>0.00   | 45.01<br>1.98<br>0.00    | 49.92<br>1.97<br>0.01    | 52.75<br>2.12<br>-0.02   | 59.80<br>2.63<br>0.00    | 80.29<br>4.04<br>0.00  | 110.00<br>6.41<br>-1.98 | 119.10<br>6.13<br>-3.36 | 91.40<br>4.32<br>4.81   | 69.97<br>2.30<br>-2.06 | 50.69<br>1.35<br>-0.88 | 45.68<br>1.41<br>-0.30 | 40.99<br>2.05<br>-0.30 |
| CALSPAN___DRP<br>24200             | 32.86<br>-0.84<br>-0.06 | 28.59<br>-0.81<br>0.44  | 26.83<br>-0.86<br>-0.03 | 26.02<br>-0.61<br>0.06  | 27.40<br>-0.79<br>-0.03 | 29.82<br>-1.02<br>0.98  | 35.59<br>-1.80<br>-0.59 | 41.55<br>-2.86<br>-0.44 | 41.09<br>-2.52<br>-0.16 | 37.09<br>-2.08<br>-1.27 | 39.57<br>-2.24<br>-1.12 | 40.82<br>-2.09<br>-1.20 | 45.40<br>-1.51<br>-3.88  | 51.11<br>-1.15<br>-4.30  | 53.68<br>-1.47<br>-4.54  | 55.81<br>-2.29<br>-0.93  | 71.75<br>-4.50<br>0.00 | 96.13<br>-5.49<br>0.00  | 105.76<br>-3.84<br>0.00 | 89.87<br>-2.02<br>0.00  | 62.27<br>-3.35<br>0.00 | 46.86<br>-1.60<br>0.00 | 42.21<br>-1.76<br>0.00 | 37.75<br>-0.89<br>0.00 |



|                               |                         |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                         |                         |                        |                        |                        |                        |
|-------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| CALVERTON___SOLAR<br>323806   | 35.39<br>1.75<br>0.00   | 31.18<br>1.34<br>0.00  | 28.65<br>0.99<br>0.00   | 27.39<br>0.69<br>0.00   | 28.86<br>0.70<br>0.00   | 32.81<br>0.99<br>0.00  | 40.16<br>1.36<br>-2.00  | 46.11<br>0.92<br>-1.21  | 44.73<br>1.13<br>-0.15  | 39.91<br>2.01<br>0.00   | 42.47<br>1.79<br>0.00   | 28.46<br>1.50<br>14.75  | 41.87<br>1.20<br>2.36   | 47.08<br>1.05<br>1.94   | 49.56<br>1.21<br>2.26   | 52.03<br>1.60<br>6.74   | 61.49<br>2.74<br>17.50 | 69.41<br>4.78<br>36.99  | 74.65<br>4.50<br>39.45  | 64.67<br>2.75<br>29.97  | 52.48<br>1.18<br>14.32 | 49.57<br>0.48<br>-0.63 | 44.93<br>0.66<br>-0.30 | 40.56<br>1.62<br>-0.30 |
| CANDIGU_WT_PWR<br>323617      | 33.22<br>-0.64<br>-0.22 | 28.88<br>-0.66<br>0.30 | 27.13<br>-0.63<br>-0.11 | 26.22<br>-0.48<br>0.00  | 27.68<br>-0.59<br>-0.12 | 30.45<br>-0.70<br>0.67 | 36.72<br>-0.99<br>-0.92 | 44.92<br>-1.54<br>-2.49 | 42.93<br>-1.26<br>-0.74 | 37.08<br>-1.40<br>-0.58 | 40.01<br>-1.18<br>-0.50 | 41.28<br>-1.00<br>-0.57 | 44.58<br>-0.21<br>-1.76 | 48.67<br>-0.77<br>-1.48 | 51.68<br>-0.60<br>-1.69 | 58.20<br>-1.60<br>-2.63 | 73.51<br>-2.74<br>0.00 | 99.59<br>-2.03<br>0.00  | 108.94<br>-0.65<br>0.00 | 91.98<br>0.09<br>0.00   | 64.04<br>-1.58<br>0.00 | 47.64<br>-0.82<br>0.00 | 42.96<br>-1.01<br>0.00 | 37.87<br>-0.77<br>0.00 |
| CARR STREET_E_SYR<br>24060    | 33.88<br>-0.27<br>-0.51 | 29.38<br>-0.24<br>0.22 | 27.68<br>-0.22<br>-0.25 | 26.58<br>-0.21<br>-0.10 | 28.19<br>-0.23<br>-0.26 | 31.08<br>-0.26<br>0.49 | 38.25<br>-0.18<br>-1.64 | 47.23<br>-0.26<br>-3.52 | 44.74<br>-0.17<br>-1.47 | 38.80<br>-0.26<br>-1.15 | 41.49<br>-0.20<br>-1.01 | 42.53<br>-0.25<br>-1.07 | 46.54<br>0.00<br>-3.50  | 51.14<br>-0.29<br>-3.47 | 54.18<br>-0.20<br>-3.78 | 61.85<br>-0.23<br>-4.91 | 75.56<br>-0.69<br>0.00 | 101.31<br>-0.30<br>0.00 | 109.38<br>-0.22<br>0.00 | 92.07<br>0.18<br>0.00   | 65.23<br>-0.39<br>0.00 | 48.12<br>-0.34<br>0.00 | 43.49<br>-0.48<br>0.00 | 38.33<br>-0.31<br>0.00 |
| CARTHAGE___PAPER<br>23857     | 34.37<br>0.17<br>-0.56  | 30.08<br>0.24<br>0.00  | 28.17<br>0.25<br>-0.27  | 27.09<br>0.24<br>-0.15  | 28.67<br>0.22<br>-0.29  | 32.27<br>0.45<br>0.00  | 39.29<br>0.92<br>-1.58  | 48.58<br>1.45<br>-3.16  | 46.17<br>0.74<br>-1.98  | 39.73<br>0.27<br>-1.56  | 42.51<br>0.45<br>-1.37  | 43.46<br>0.50<br>-1.25  | 48.21<br>0.43<br>-4.75  | 53.61<br>0.38<br>-5.27  | 56.42<br>0.25<br>-5.57  | 64.03<br>0.57<br>-6.29  | 77.40<br>1.15<br>0.00  | 104.26<br>2.64<br>0.00  | 113.99<br>4.39<br>0.00  | 95.93<br>4.04<br>0.00   | 68.17<br>2.56<br>0.00  | 50.35<br>1.89<br>0.00  | 44.98<br>1.01<br>0.00  | 39.33<br>0.70<br>0.00  |
| CASSADAGA_WT_PWR<br>323784    | 32.78<br>-0.94<br>-0.08 | 28.37<br>-1.05<br>0.43 | 26.62<br>-1.08<br>-0.04 | 25.81<br>-0.83<br>0.06  | 27.16<br>-1.04<br>-0.04 | 29.73<br>-1.14<br>0.95 | 35.55<br>-1.88<br>-0.63 | 43.54<br>-2.64<br>-2.21 | 42.40<br>-1.26<br>-0.21 | 36.79<br>-1.29<br>-0.17 | 40.09<br>-0.73<br>-0.13 | 41.63<br>-0.25<br>-0.17 | 44.44<br>0.91<br>-0.50  | 48.23<br>0.38<br>0.11   | 51.07<br>0.40<br>-0.06  | 56.99<br>-1.26<br>-1.08 | 73.05<br>-3.20<br>0.00 | 99.18<br>-2.44<br>0.00  | 109.05<br>-0.55<br>0.00 | 92.26<br>0.37<br>0.00   | 63.39<br>-2.23<br>0.00 | 47.25<br>-1.21<br>0.00 | 42.39<br>-1.58<br>0.00 | 37.21<br>-1.43<br>0.00 |
| CE_DUNWOOD___DRP<br>24194     | 35.69<br>2.05<br>0.00   | 31.60<br>1.76<br>0.00  | 29.12<br>1.47<br>0.00   | 28.06<br>1.36<br>0.00   | 29.51<br>1.35<br>0.00   | 33.41<br>1.59<br>0.00  | 40.81<br>2.02<br>-1.99  | 47.53<br>2.33<br>-1.23  | 46.38<br>2.78<br>-0.15  | 40.45<br>2.54<br>0.00   | 43.58<br>2.89<br>0.00   | 44.54<br>2.84<br>0.00   | 46.05<br>3.01<br>0.00   | 50.45<br>2.49<br>0.00   | 53.23<br>2.63<br>0.00   | 60.14<br>2.97<br>0.00   | 81.13<br>4.88<br>0.00  | 111.22<br>7.62<br>-1.98 | 120.77<br>7.78<br>-3.39 | 101.09<br>5.70<br>-3.50 | 70.90<br>3.22<br>-2.07 | 51.28<br>1.94<br>-0.88 | 46.43<br>2.15<br>-0.31 | 40.87<br>1.93<br>-0.30 |
| CE_MILLWOOD___DRP<br>24193    | 35.59<br>1.95<br>0.00   | 31.54<br>1.70<br>0.00  | 29.07<br>1.41<br>0.00   | 28.03<br>1.33<br>0.00   | 29.45<br>1.30<br>0.00   | 33.35<br>1.53<br>0.00  | 40.73<br>1.95<br>-1.98  | 47.44<br>2.24<br>-1.22  | 46.29<br>2.69<br>-0.15  | 40.37<br>2.46<br>0.00   | 43.45<br>2.77<br>0.00   | 44.42<br>2.71<br>0.00   | 45.92<br>2.88<br>0.00   | 50.36<br>2.40<br>0.00   | 53.13<br>2.53<br>0.00   | 60.03<br>2.86<br>0.00   | 80.98<br>4.73<br>0.00  | 110.99<br>7.42<br>-1.95 | 120.52<br>7.56<br>-3.36 | 100.87<br>5.51<br>-3.47 | 70.75<br>3.08<br>-2.05 | 51.23<br>1.89<br>-0.88 | 46.34<br>2.07<br>-0.30 | 40.83<br>1.89<br>-0.30 |
| CE_NYC2_DRP<br>24202          | 36.14<br>2.49<br>-0.01  | 31.99<br>2.15<br>-0.01 | 29.43<br>1.77<br>-0.01  | 28.36<br>1.66<br>-0.01  | 29.83<br>1.66<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.73<br>3.13<br>-0.15  | 40.82<br>2.92<br>0.00   | 43.90<br>3.21<br>0.00   | 44.92<br>3.21<br>0.00   | 46.48<br>3.44<br>0.00   | 50.74<br>2.78<br>0.00   | 53.48<br>2.88<br>0.00   | 60.26<br>3.09<br>0.00   | 81.51<br>5.26<br>0.00  | 111.84<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.29<br>5.88<br>-3.52 | 70.98<br>3.28<br>-2.08 | 51.28<br>1.94<br>-0.89 | 46.74<br>2.46<br>-0.31 | 41.30<br>2.36<br>-0.30 |
| CE_NYC_DRP<br>24195           | 36.00<br>2.35<br>0.00   | 31.90<br>2.06<br>0.00  | 29.31<br>1.66<br>0.00   | 28.27<br>1.58<br>0.00   | 29.68<br>1.52<br>0.00   | 33.64<br>1.81<br>0.00  | 41.04<br>2.24<br>-2.00  | 47.80<br>2.59<br>-1.23  | 46.73<br>3.13<br>-0.15  | 40.79<br>2.88<br>0.00   | 43.94<br>3.25<br>0.00   | 44.92<br>3.21<br>0.00   | 46.43<br>3.40<br>0.00   | 50.89<br>2.93<br>0.00   | 53.64<br>3.04<br>0.00   | 60.49<br>3.32<br>0.00   | 81.74<br>5.49<br>0.00  | 112.14<br>8.54<br>-1.99 | 121.56<br>8.55<br>-3.41 | 101.66<br>6.25<br>-3.52 | 71.24<br>3.54<br>-2.08 | 51.53<br>2.18<br>-0.89 | 46.70<br>2.42<br>-0.31 | 41.14<br>2.20<br>-0.30 |
| CHAFFEE___LFGE<br>323603      | 32.90<br>-0.81<br>-0.07 | 28.60<br>-0.80<br>0.43 | 26.84<br>-0.86<br>-0.04 | 26.02<br>-0.61<br>0.06  | 27.41<br>-0.79<br>-0.04 | 29.88<br>-0.99<br>0.96 | 35.65<br>-1.77<br>-0.62 | 43.45<br>-2.73<br>-2.20 | 41.87<br>-1.78<br>-0.20 | 36.17<br>-1.89<br>-0.16 | 39.31<br>-1.50<br>-0.12 | 40.79<br>-1.08<br>-0.17 | 43.45<br>-0.04<br>-0.46 | 47.13<br>-0.67<br>0.15  | 50.06<br>-0.56<br>-0.02 | 55.86<br>-2.35<br>-1.04 | 71.68<br>-4.57<br>0.00 | 96.84<br>-4.77<br>0.00  | 106.20<br>-3.40<br>0.00 | 90.14<br>-1.75<br>0.00  | 62.47<br>-3.15<br>0.00 | 47.01<br>-1.45<br>0.00 | 42.61<br>-1.36<br>0.00 | 37.83<br>-0.81<br>0.00 |
| CHATEAUG_35_KV_LOAD<br>355732 | 33.41<br>-0.24<br>0.00  | 29.51<br>-0.33<br>0.00 | 27.30<br>-0.36<br>0.00  | 26.24<br>-0.45<br>0.00  | 27.76<br>-0.39<br>0.00  | 31.60<br>-0.22<br>0.00 | 36.83<br>0.04<br>0.00   | 44.24<br>0.26<br>0.00   | 43.50<br>0.04<br>0.00   | 38.28<br>0.38<br>0.00   | 41.30<br>0.61<br>0.00   | 42.67<br>0.96<br>0.00   | 43.33<br>0.30<br>0.00   | 48.15<br>0.19<br>0.00   | 50.04<br>-0.56<br>0.00  | 55.80<br>-1.37<br>0.00  | 74.57<br>-1.68<br>0.00 | 98.98<br>-2.64<br>0.00  | 106.64<br>-2.96<br>0.00 | 89.22<br>-2.66<br>0.00  | 64.37<br>-1.25<br>0.00 | 47.44<br>-1.02<br>0.00 | 43.53<br>-0.44<br>0.00 | 38.14<br>-0.50<br>0.00 |
| CHATEAUG_WT_PWR<br>323614     | 33.37<br>-0.27<br>0.00  | 29.48<br>-0.36<br>0.00 | 27.27<br>-0.39<br>0.00  | 26.22<br>-0.48<br>0.00  | 27.74<br>-0.42<br>0.00  | 31.57<br>-0.26<br>0.00 | 36.76<br>-0.04<br>0.00  | 44.19<br>0.22<br>0.00   | 43.45<br>0.00<br>0.00   | 38.28<br>0.38<br>0.00   | 41.34<br>0.65<br>0.00   | 42.21<br>0.50<br>0.00   | 42.90<br>-0.13<br>0.00  | 47.34<br>-0.62<br>0.00  | 49.38<br>-1.21<br>0.00  | 55.51<br>-1.66<br>0.00  | 74.20<br>-2.06<br>0.00 | 98.47<br>-3.15<br>0.00  | 106.09<br>-3.51<br>0.00 | 88.67<br>-3.22<br>0.00  | 63.91<br>-1.71<br>0.00 | 47.15<br>-1.31<br>0.00 | 43.35<br>-0.62<br>0.00 | 38.06<br>-0.58<br>0.00 |
| CHAT_HIGH_FALL_HYD<br>323578  | 33.41<br>-0.24<br>0.00  | 29.51<br>-0.33<br>0.00 | 27.30<br>-0.36<br>0.00  | 26.24<br>-0.45<br>0.00  | 27.76<br>-0.39<br>0.00  | 31.60<br>-0.22<br>0.00 | 36.83<br>0.04<br>0.00   | 44.24<br>0.26<br>0.00   | 43.50<br>0.04<br>0.00   | 38.28<br>0.38<br>0.00   | 41.30<br>0.61<br>0.00   | 42.67<br>0.96<br>0.00   | 43.33<br>0.30<br>0.00   | 48.15<br>0.19<br>0.00   | 50.04<br>-0.56<br>0.00  | 55.80<br>-1.37<br>0.00  | 74.57<br>-1.68<br>0.00 | 98.98<br>-2.64<br>0.00  | 106.64<br>-2.96<br>0.00 | 89.22<br>-2.66<br>0.00  | 64.37<br>-1.25<br>0.00 | 47.44<br>-1.02<br>0.00 | 43.53<br>-0.44<br>0.00 | 38.14<br>-0.50<br>0.00 |
| CHAUTAUQUA___LFGE<br>323629   | 32.97<br>-0.74<br>-0.07 | 28.60<br>-0.80<br>0.43 | 26.83<br>-0.86<br>-0.04 | 26.02<br>-0.61<br>0.06  | 27.38<br>-0.82<br>-0.04 | 29.90<br>-0.95<br>0.97 | 35.71<br>-1.69<br>-0.61 | 43.61<br>-2.55<br>-2.19 | 42.29<br>-1.35<br>-0.19 | 36.61<br>-1.44<br>-0.15 | 39.79<br>-1.02<br>-0.12 | 41.28<br>-0.58<br>-0.16 | 44.02<br>0.56<br>-0.43  | 47.72<br>-0.05<br>0.19  | 50.63<br>0.05<br>0.02   | 56.51<br>-1.66<br>-1.00 | 72.59<br>-3.66<br>0.00 | 98.27<br>-3.35<br>0.00  | 107.96<br>-1.64<br>0.00 | 91.43<br>-0.46<br>0.00  | 63.06<br>-2.56<br>0.00 | 47.25<br>-1.21<br>0.00 | 42.61<br>-1.36<br>0.00 | 37.63<br>-1.00<br>0.00 |
| CHERRYST_13_KV_LD<br>356241   | 36.10<br>2.46<br>0.00   | 31.99<br>2.15<br>0.00  | 29.40<br>1.74<br>0.00   | 28.32<br>1.63<br>0.00   | 29.76<br>1.60<br>0.00   | 33.73<br>1.91<br>0.00  | 41.15<br>2.35<br>-2.00  | 47.93<br>2.73<br>-1.23  | 46.86<br>3.26<br>-0.15  | 40.90<br>2.99<br>0.00   | 44.06<br>3.38<br>0.00   | 45.08<br>3.38<br>0.00   | 46.60<br>3.57<br>0.00   | 51.08<br>3.12<br>0.00   | 53.84<br>3.24<br>0.00   | 60.72<br>3.54<br>0.00   | 82.05<br>5.80<br>0.00  | 112.55<br>8.94<br>-1.99 | 121.89<br>8.88<br>-3.41 | 101.94<br>6.52<br>-3.52 | 71.50<br>3.81<br>-2.08 | 51.67<br>2.33<br>-0.89 | 46.83<br>2.55<br>-0.31 | 41.26<br>2.32<br>-0.30 |



|                                |                         |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                          |                          |                          |                         |                        |                        |                        |
|--------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| CHESTROR_138KV_BK263<br>355645 | 35.26<br>1.61<br>0.00   | 31.21<br>1.37<br>0.00  | 28.82<br>1.16<br>0.00   | 27.82<br>1.12<br>0.00   | 29.26<br>1.10<br>0.00   | 33.09<br>1.27<br>0.00  | 40.15<br>1.66<br>-1.70  | 47.00<br>1.98<br>-1.05  | 45.97<br>2.39<br>-0.13  | 40.03<br>2.12<br>0.00   | 43.05<br>2.36<br>0.00   | 44.04<br>2.34<br>0.00   | 45.49<br>2.45<br>0.00   | 50.02<br>2.06<br>0.00   | 52.78<br>2.18<br>0.00   | 59.69<br>2.52<br>0.00   | 80.52<br>4.27<br>0.00  | 110.20<br>7.01<br>-1.57  | 119.53<br>7.23<br>-2.70  | 100.01<br>5.33<br>-2.79  | 70.15<br>2.89<br>-1.65  | 51.01<br>1.79<br>-0.76 | 46.08<br>1.85<br>-0.26 | 40.56<br>1.66<br>-0.26 |
| CH_MIDHUDSON___DRP<br>24192    | 35.39<br>1.75<br>0.00   | 31.33<br>1.49<br>0.00  | 28.93<br>1.27<br>0.00   | 27.95<br>1.25<br>0.00   | 29.42<br>1.27<br>0.00   | 33.29<br>1.46<br>0.00  | 40.42<br>1.91<br>-1.71  | 47.22<br>2.20<br>-1.05  | 46.10<br>2.52<br>-0.13  | 40.14<br>2.24<br>0.00   | 43.17<br>2.48<br>0.00   | 44.12<br>2.42<br>0.00   | 45.57<br>2.54<br>0.00   | 50.02<br>2.06<br>0.00   | 52.78<br>2.18<br>0.00   | 59.69<br>2.52<br>0.00   | 80.60<br>4.35<br>0.00  | 110.08<br>6.91<br>-1.55  | 119.38<br>7.12<br>-2.66  | 99.87<br>5.24<br>-2.75   | 70.19<br>2.95<br>-1.62  | 51.06<br>1.84<br>-0.76 | 46.17<br>1.93<br>-0.26 | 40.67<br>1.78<br>-0.26 |
| CH_MISC_IPPS<br>23765          | 35.56<br>1.92<br>0.00   | 31.48<br>1.64<br>0.00  | 29.06<br>1.41<br>0.00   | 28.08<br>1.39<br>0.00   | 29.54<br>1.38<br>0.00   | 33.41<br>1.59<br>0.00  | 40.47<br>2.10<br>-1.57  | 47.40<br>2.46<br>-0.97  | 46.27<br>2.69<br>-0.12  | 40.37<br>2.46<br>0.00   | 43.21<br>2.52<br>0.00   | 44.29<br>2.59<br>0.00   | 45.70<br>2.67<br>0.00   | 50.50<br>2.54<br>0.00   | 53.20<br>2.58<br>-0.02  | 60.26<br>3.09<br>0.00   | 81.36<br>5.11<br>0.00  | 111.18<br>8.13<br>-1.43  | 120.61<br>8.55<br>-2.46  | 100.96<br>6.52<br>-2.54  | 70.72<br>3.61<br>-1.50  | 51.44<br>2.28<br>-0.70 | 46.45<br>2.24<br>-0.24 | 40.92<br>2.05<br>-0.24 |
| CH_RES_BVR_FALLS<br>23983      | 32.87<br>-0.77<br>0.00  | 29.15<br>-0.69<br>0.00 | 27.02<br>-0.63<br>0.00  | 26.08<br>-0.61<br>0.00  | 27.54<br>-0.62<br>0.00  | 31.19<br>-0.64<br>0.00 | 36.10<br>-0.70<br>0.00  | 43.22<br>-0.75<br>0.00  | 42.80<br>-0.65<br>0.00  | 37.56<br>-0.34<br>0.00  | 40.44<br>-0.24<br>0.00  | 41.50<br>-0.21<br>0.00  | 42.69<br>-0.35<br>0.00  | 47.67<br>-0.29<br>0.00  | 50.19<br>-0.41<br>0.00  | 56.71<br>-0.46<br>0.00  | 75.64<br>-0.61<br>0.00 | 100.60<br>-1.02<br>0.00  | 108.40<br>-1.20<br>0.00  | 90.60<br>-1.29<br>0.00   | 64.70<br>-0.92<br>0.00  | 47.68<br>-0.78<br>0.00 | 43.22<br>-0.75<br>0.00 | 37.90<br>-0.74<br>0.00 |
| CH_RES_NIAGARA<br>23895        | 32.63<br>-1.04<br>-0.03 | 28.47<br>-0.90<br>0.47 | 26.70<br>-0.97<br>-0.02 | 25.95<br>-0.67<br>0.08  | 27.30<br>-0.87<br>-0.02 | 29.41<br>-1.37<br>1.04 | 34.57<br>-2.76<br>-0.53 | 40.07<br>-4.22<br>-0.32 | 39.64<br>-3.87<br>-0.06 | 36.02<br>-3.15<br>-1.26 | 38.34<br>-3.46<br>-1.11 | 39.59<br>-3.29<br>-1.18 | 44.06<br>-2.80<br>-3.83 | 49.62<br>-2.59<br>-4.25 | 52.05<br>-3.04<br>-4.49 | 53.57<br>-4.23<br>-0.63 | 69.16<br>-7.09<br>0.00 | 92.27<br>-9.35<br>0.00   | 101.27<br>-8.33<br>0.00  | 86.38<br>-5.51<br>0.00   | 59.97<br>-5.64<br>0.00  | 45.41<br>-3.05<br>0.00 | 40.98<br>-2.99<br>0.00 | 36.82<br>-1.82<br>0.00 |
| CH_RES_SYRACUSE<br>23985       | 34.44<br>-0.13<br>-0.93 | 29.72<br>-0.12<br>0.00 | 28.02<br>-0.08<br>-0.45 | 26.84<br>-0.11<br>-0.25 | 28.52<br>-0.11<br>-0.48 | 31.70<br>-0.13<br>0.00 | 39.41<br>0.00<br>-2.61  | 49.25<br>0.04<br>-5.23  | 46.91<br>0.17<br>-3.28  | 40.48<br>0.00<br>-2.58  | 43.00<br>0.04<br>-2.27  | 44.14<br>0.00<br>-2.44  | 51.19<br>0.30<br>-7.86  | 56.68<br>0.00<br>-8.72  | 59.96<br>0.15<br>-9.21  | 67.75<br>0.17<br>-10.41 | 76.25<br>0.00<br>0.00  | 102.23<br>0.61<br>0.00   | 110.37<br>0.77<br>0.00   | 92.99<br>1.11<br>0.00    | 65.81<br>0.20<br>0.00   | 48.56<br>0.10<br>0.00  | 43.84<br>-0.13<br>0.00 | 38.56<br>-0.08<br>0.00 |
| CLINTON_WT_PWR<br>323605       | 33.37<br>-0.27<br>0.00  | 29.48<br>-0.36<br>0.00 | 27.27<br>-0.39<br>0.00  | 26.22<br>-0.48<br>0.00  | 27.74<br>-0.42<br>0.00  | 31.57<br>-0.26<br>0.00 | 36.76<br>-0.04<br>0.00  | 44.19<br>0.22<br>0.00   | 43.45<br>0.00<br>0.00   | 38.28<br>0.38<br>0.00   | 41.34<br>0.65<br>0.00   | 42.21<br>0.50<br>0.00   | 42.90<br>-0.13<br>0.00  | 47.34<br>-0.62<br>0.00  | 49.38<br>-1.21<br>0.00  | 55.51<br>-1.66<br>0.00  | 74.20<br>-2.06<br>0.00 | 98.47<br>-3.15<br>0.00   | 106.09<br>-3.51<br>0.00  | 88.67<br>-3.22<br>0.00   | 63.91<br>-1.71<br>0.00  | 47.15<br>-1.31<br>0.00 | 43.35<br>-0.62<br>0.00 | 38.06<br>-0.58<br>0.00 |
| CLINTON___LFGE<br>323618       | 33.71<br>0.07<br>0.00   | 29.81<br>-0.03<br>0.00 | 27.52<br>-0.14<br>0.00  | 26.46<br>-0.24<br>0.00  | 27.99<br>-0.17<br>0.00  | 31.95<br>0.13<br>0.00  | 37.46<br>0.66<br>0.00   | 45.11<br>1.14<br>0.00   | 44.23<br>0.78<br>0.00   | 39.08<br>1.18<br>0.00   | 42.19<br>1.51<br>0.00   | 42.87<br>1.17<br>0.00   | 43.29<br>0.26<br>0.00   | 47.34<br>-0.62<br>0.00  | 49.03<br>-1.57<br>0.00  | 55.06<br>-2.11<br>0.00  | 73.89<br>-2.36<br>0.00 | 98.27<br>-3.35<br>0.00   | 105.87<br>-3.73<br>0.00  | 88.67<br>-3.22<br>0.00   | 63.91<br>-1.71<br>0.00  | 47.15<br>-1.31<br>0.00 | 43.71<br>-0.26<br>0.00 | 38.41<br>-0.23<br>0.00 |
| COBBLENY_34_KV_TB1<br>80064    | 32.90<br>-0.81<br>-0.07 | 28.60<br>-0.81<br>0.43 | 26.84<br>-0.86<br>-0.04 | 26.02<br>-0.61<br>0.06  | 27.41<br>-0.79<br>-0.04 | 29.88<br>-0.99<br>0.96 | 35.69<br>-1.73<br>-0.62 | 41.73<br>-2.73<br>-0.48 | 41.30<br>-2.35<br>-0.20 | 37.21<br>-1.97<br>-1.28 | 39.70<br>-2.12<br>-1.12 | 40.95<br>-1.96<br>-1.20 | 45.54<br>-1.38<br>-3.89 | 51.27<br>-1.01<br>-4.31 | 53.79<br>-1.37<br>-4.56 | 56.04<br>-2.17<br>-1.04 | 71.98<br>-4.27<br>0.00 | 96.54<br>-5.08<br>0.00   | 106.20<br>-3.40<br>0.00  | 90.14<br>-1.75<br>0.00   | 62.47<br>-3.15<br>0.00  | 47.01<br>-1.45<br>0.00 | 42.30<br>-1.67<br>0.00 | 37.83<br>-0.81<br>0.00 |
| COFFEEN___115KV_TB3<br>355620  | 34.82<br>0.50<br>-0.67  | 30.40<br>0.57<br>0.00  | 28.53<br>0.55<br>-0.32  | 27.41<br>0.53<br>-0.18  | 29.04<br>0.53<br>-0.35  | 32.62<br>0.80<br>0.00  | 40.05<br>1.36<br>-1.89  | 49.12<br>1.98<br>-3.17  | 47.00<br>1.17<br>-2.37  | 40.34<br>0.57<br>-1.86  | 42.94<br>0.61<br>-1.64  | 44.21<br>0.75<br>-1.75  | 49.31<br>0.60<br>-5.68  | 54.93<br>0.67<br>-6.30  | 57.81<br>0.56<br>-6.66  | 65.72<br>1.03<br>-7.52  | 78.08<br>1.83<br>0.00  | 106.39<br>4.78<br>0.00   | 115.85<br>6.25<br>0.00   | 97.77<br>5.88<br>0.00    | 69.16<br>3.54<br>0.00   | 51.03<br>2.57<br>0.00  | 45.51<br>1.54<br>0.00  | 39.80<br>1.16<br>0.00  |
| COLDSPRG_115KV_BK1<br>355956   | 33.19<br>-0.54<br>-0.09 | 28.74<br>-0.69<br>0.41 | 26.96<br>-0.75<br>-0.05 | 26.14<br>-0.51<br>0.05  | 27.50<br>-0.70<br>-0.05 | 30.17<br>-0.73<br>0.92 | 36.13<br>-1.32<br>-0.66 | 42.59<br>-1.93<br>-0.55 | 42.36<br>-1.35<br>-0.26 | 38.09<br>-1.10<br>-1.28 | 40.76<br>-1.06<br>-1.13 | 41.95<br>-0.96<br>-1.21 | 46.63<br>-0.30<br>-3.90 | 52.48<br>0.19<br>-4.33  | 54.77<br>-0.40<br>-4.57 | 57.29<br>-1.09<br>-1.20 | 73.43<br>-2.82<br>0.00 | 98.98<br>-2.64<br>0.00   | 109.05<br>-0.55<br>0.00  | 92.16<br>0.28<br>0.00    | 63.58<br>-2.03<br>0.00  | 47.73<br>-0.73<br>0.00 | 42.74<br>-1.23<br>0.00 | 37.83<br>-0.81<br>0.00 |
| COLONIE_LFGE___<br>323577      | 34.75<br>1.11<br>0.00   | 30.85<br>1.02<br>0.00  | 28.60<br>0.94<br>0.00   | 27.63<br>0.93<br>0.00   | 29.14<br>0.99<br>0.00   | 32.94<br>1.11<br>0.00  | 60.42<br>1.58<br>-22.04 | 59.31<br>1.76<br>-13.58 | 46.73<br>1.65<br>-1.62  | 39.20<br>1.29<br>0.00   | 41.95<br>1.26<br>0.00   | 42.96<br>1.25<br>0.00   | 44.15<br>1.12<br>0.00   | 48.87<br>0.91<br>0.00   | 51.54<br>0.96<br>0.02   | 58.49<br>1.32<br>0.00   | 78.85<br>2.59<br>0.00  | 128.08<br>4.37<br>-22.09 | 152.47<br>4.94<br>-37.94 | 134.84<br>3.77<br>-39.18 | 90.99<br>2.23<br>-23.14 | 59.74<br>1.50<br>-9.78 | 48.77<br>1.41<br>-3.39 | 43.24<br>1.27<br>-3.33 |
| COOPERNY_115KV_TB1<br>80082    | 34.95<br>1.31<br>0.00   | 30.97<br>1.13<br>0.00  | 28.62<br>0.97<br>0.00   | 27.63<br>0.93<br>0.00   | 29.06<br>0.90<br>0.00   | 32.84<br>1.02<br>0.00  | 38.16<br>1.36<br>0.00   | 45.60<br>1.63<br>0.00   | 45.84<br>2.00<br>-0.39  | 40.03<br>1.82<br>-0.30  | 42.95<br>1.99<br>-0.27  | 43.95<br>1.96<br>-0.29  | 46.06<br>2.11<br>-0.92  | 50.76<br>1.77<br>-1.02  | 53.50<br>1.82<br>-1.08  | 60.51<br>2.12<br>-1.22  | 79.83<br>3.58<br>0.00  | 107.61<br>6.00<br>0.00   | 115.74<br>6.14<br>0.00   | 96.39<br>4.50<br>0.00    | 68.04<br>2.43<br>0.00   | 49.96<br>1.50<br>0.00  | 45.55<br>1.58<br>0.00  | 40.07<br>1.43<br>0.00  |
| COPENHAGEN_WT_PWR<br>323753    | 34.61<br>0.27<br>-0.70  | 30.20<br>0.36<br>0.00  | 28.35<br>0.36<br>-0.34  | 27.20<br>0.32<br>-0.19  | 28.83<br>0.31<br>-0.36  | 32.36<br>0.54<br>0.00  | 39.77<br>0.99<br>-1.98  | 49.46<br>1.54<br>-3.95  | 46.84<br>0.91<br>-2.47  | 40.23<br>0.38<br>-1.94  | 42.89<br>0.49<br>-1.71  | 43.84<br>0.58<br>-1.55  | 49.48<br>0.52<br>-5.92  | 54.97<br>0.43<br>-6.58  | 57.90<br>0.36<br>-6.95  | 65.71<br>0.69<br>-7.85  | 77.47<br>1.22<br>0.00  | 104.57<br>2.95<br>0.00   | 114.42<br>4.82<br>0.00   | 96.48<br>4.59<br>0.00    | 68.31<br>2.69<br>0.00   | 50.45<br>1.99<br>0.00  | 45.11<br>1.14<br>0.00  | 39.45<br>0.81<br>0.00  |
| CORNELL_____<br>23752          | 34.56<br>0.40<br>-0.51  | 30.07<br>0.36<br>0.13  | 28.26<br>0.36<br>-0.25  | 27.16<br>0.35<br>-0.11  | 28.73<br>0.31<br>-0.27  | 31.92<br>0.38<br>0.28  | 38.99<br>0.63<br>-1.57  | 47.12<br>0.70<br>-2.44  | 46.45<br>0.78<br>-2.21  | 40.10<br>0.45<br>-1.74  | 42.55<br>0.33<br>-1.53  | 43.68<br>0.33<br>-1.64  | 48.85<br>0.52<br>-5.30  | 54.37<br>0.53<br>-5.88  | 57.42<br>0.61<br>-6.21  | 65.11<br>0.91<br>-7.02  | 77.55<br>1.30<br>0.00  | 104.36<br>2.74<br>0.00   | 113.22<br>3.62<br>0.00   | 95.47<br>3.58<br>0.00    | 67.19<br>1.57<br>0.00   | 49.57<br>1.11<br>0.00  | 44.67<br>0.70<br>0.00  | 39.26<br>0.62<br>0.00  |



|                               |                         |                        |                         |                         |                         |                        |                         |                         |                        |                        |                         |                         |                        |                         |                         |                         |                       |                          |                          |                          |                         |                        |                        |                        |
|-------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-----------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| CORONA__69_KV_TB1<br>355595   | 35.93<br>2.29<br>0.00   | 31.72<br>1.88<br>0.00  | 29.15<br>1.49<br>0.00   | 27.98<br>1.28<br>0.00   | 29.42<br>1.27<br>0.00   | 33.38<br>1.56<br>0.00  | 40.74<br>1.95<br>-2.00  | 47.09<br>1.89<br>-1.22  | 45.98<br>2.39<br>-0.14 | 40.56<br>2.65<br>0.00  | 43.78<br>3.09<br>0.00   | 44.67<br>2.96<br>0.00   | 46.09<br>3.06<br>0.00  | 50.30<br>2.35<br>0.01   | 53.23<br>2.63<br>0.00   | 60.32<br>3.14<br>0.00   | 81.05<br>4.80<br>0.00 | 111.02<br>7.42<br>-1.98  | 120.35<br>7.34<br>-3.41  | 99.58<br>5.33<br>-2.36   | 70.71<br>3.02<br>-2.08  | 51.18<br>1.84<br>-0.88 | 46.16<br>1.89<br>-0.30 | 41.26<br>2.32<br>-0.30 |
| CORTLAND__115KV_TB3<br>80093  | 34.61<br>0.47<br>-0.50  | 30.14<br>0.45<br>0.15  | 28.37<br>0.47<br>-0.24  | 27.23<br>0.43<br>-0.11  | 28.84<br>0.42<br>-0.26  | 32.04<br>0.54<br>0.32  | 39.22<br>0.88<br>-1.54  | 47.24<br>1.23<br>-2.03  | 46.18<br>1.17<br>-1.56 | 40.38<br>0.80<br>-1.68 | 42.90<br>0.73<br>-1.48  | 44.04<br>0.75<br>-1.59  | 49.02<br>0.86<br>-5.13 | 54.57<br>0.91<br>-5.69  | 57.68<br>1.06<br>-6.01  | 63.71<br>1.43<br>-5.11  | 78.16<br>1.91<br>0.00 | 105.07<br>3.46<br>0.00   | 113.76<br>4.16<br>0.00   | 95.84<br>3.95<br>0.00    | 67.72<br>2.10<br>0.00   | 49.87<br>1.41<br>0.00  | 44.89<br>0.92<br>0.00  | 39.45<br>0.81<br>0.00  |
| COXSACKIE__GT<br>23611        | 34.75<br>1.11<br>0.00   | 30.85<br>1.02<br>0.00  | 28.60<br>0.94<br>0.00   | 27.68<br>0.99<br>0.00   | 29.20<br>1.04<br>0.00   | 33.06<br>1.24<br>0.00  | 16.17<br>2.06<br>22.69  | 32.37<br>2.37<br>13.97  | 43.61<br>1.82<br>1.67  | 38.66<br>0.76<br>0.00  | 41.02<br>0.65<br>0.32   | 41.48<br>0.58<br>0.81   | 42.14<br>0.52<br>1.41  | 44.64<br>0.43<br>3.75   | 46.17<br>0.61<br>5.04   | 49.97<br>1.20<br>8.41   | 74.50<br>3.13<br>4.88 | 79.25<br>5.99<br>28.37   | 77.99<br>7.34<br>38.95   | 57.63<br>5.97<br>40.23   | 45.14<br>3.28<br>23.76  | 40.38<br>1.99<br>10.06 | 42.11<br>1.63<br>3.49  | 36.64<br>1.43<br>3.43  |
| CPV_VALLEY__CC1<br>323721     | 35.02<br>1.38<br>0.00   | 31.00<br>1.16<br>0.00  | 28.65<br>0.99<br>0.00   | 27.66<br>0.96<br>0.00   | 29.08<br>0.93<br>0.00   | 32.87<br>1.05<br>0.00  | 39.75<br>1.40<br>-1.55  | 46.64<br>1.71<br>-0.96  | 45.61<br>2.04<br>-0.12 | 39.84<br>1.93<br>0.00  | 42.72<br>2.03<br>0.00   | 43.75<br>2.04<br>0.00   | 45.14<br>2.11<br>0.00  | 49.88<br>1.92<br>0.00   | 52.59<br>1.97<br>-0.02  | 59.46<br>2.29<br>0.00   | 80.14<br>3.89<br>0.00 | 109.32<br>6.30<br>-1.40  | 118.47<br>6.46<br>-2.41  | 99.15<br>4.78<br>-2.49   | 69.64<br>2.56<br>-1.47  | 50.70<br>1.55<br>-0.69 | 45.84<br>1.63<br>-0.24 | 40.38<br>1.51<br>-0.23 |
| CPV_VALLEY__CC2<br>323722     | 35.02<br>1.38<br>0.00   | 31.00<br>1.16<br>0.00  | 28.65<br>0.99<br>0.00   | 27.66<br>0.96<br>0.00   | 29.08<br>0.93<br>0.00   | 32.87<br>1.05<br>0.00  | 39.75<br>1.40<br>-1.55  | 46.64<br>1.71<br>-0.96  | 45.61<br>2.04<br>-0.12 | 39.84<br>1.93<br>0.00  | 42.72<br>2.03<br>0.00   | 43.75<br>2.04<br>0.00   | 45.14<br>2.11<br>0.00  | 49.88<br>1.92<br>0.00   | 52.59<br>1.97<br>-0.02  | 59.46<br>2.29<br>0.00   | 80.14<br>3.89<br>0.00 | 109.32<br>6.30<br>-1.40  | 118.47<br>6.46<br>-2.41  | 99.15<br>4.78<br>-2.49   | 69.64<br>2.56<br>-1.47  | 50.70<br>1.55<br>-0.69 | 45.84<br>1.63<br>-0.24 | 40.38<br>1.51<br>-0.23 |
| CRESCENT__HYD<br>24018        | 34.75<br>1.11<br>0.00   | 30.85<br>1.02<br>0.00  | 28.60<br>0.94<br>0.00   | 27.63<br>0.93<br>0.00   | 29.14<br>0.99<br>0.00   | 32.94<br>1.11<br>0.00  | 60.42<br>1.58<br>-22.04 | 59.31<br>1.76<br>-13.58 | 46.73<br>1.65<br>-1.62 | 39.20<br>1.29<br>0.00  | 41.95<br>1.26<br>0.00   | 42.96<br>1.25<br>0.00   | 44.15<br>1.12<br>0.00  | 48.87<br>0.91<br>0.00   | 51.54<br>0.96<br>0.02   | 58.49<br>1.32<br>0.00   | 78.85<br>2.59<br>0.00 | 128.08<br>4.37<br>-22.09 | 152.47<br>4.94<br>-37.94 | 134.84<br>3.77<br>-39.18 | 90.99<br>2.23<br>-23.14 | 59.74<br>1.50<br>-9.78 | 48.77<br>1.41<br>-3.39 | 43.24<br>1.27<br>-3.33 |
| CRICKET__VALLEY_CC1<br>323756 | 34.99<br>1.35<br>0.00   | 31.00<br>1.16<br>0.00  | 28.62<br>0.97<br>0.00   | 27.66<br>0.96<br>0.00   | 29.14<br>0.99<br>0.00   | 32.94<br>1.11<br>0.00  | 41.70<br>1.55<br>-3.36  | 47.75<br>1.71<br>-2.07  | 45.63<br>1.91<br>-0.27 | 39.65<br>1.74<br>0.00  | 42.52<br>1.83<br>0.00   | 43.54<br>1.83<br>0.00   | 44.76<br>1.72<br>0.00  | 49.40<br>1.44<br>0.00   | 51.77<br>1.41<br>0.25   | 58.89<br>1.71<br>0.00   | 79.45<br>3.20<br>0.00 | 110.31<br>5.28<br>-3.41  | 120.82<br>5.37<br>-5.86  | 101.79<br>3.86<br>-6.05  | 71.29<br>2.10<br>-3.57  | 51.26<br>1.31<br>-1.49 | 45.89<br>1.41<br>-0.52 | 40.50<br>1.35<br>-0.51 |
| CRICKET__VALLEY_CC2<br>323757 | 34.99<br>1.35<br>0.00   | 31.00<br>1.16<br>0.00  | 28.62<br>0.97<br>0.00   | 27.66<br>0.96<br>0.00   | 29.14<br>0.99<br>0.00   | 32.94<br>1.11<br>0.00  | 41.70<br>1.55<br>-3.36  | 47.75<br>1.71<br>-2.07  | 45.63<br>1.91<br>-0.27 | 39.65<br>1.74<br>0.00  | 42.52<br>1.83<br>0.00   | 43.54<br>1.83<br>0.00   | 44.76<br>1.72<br>0.00  | 49.40<br>1.44<br>0.00   | 51.77<br>1.41<br>0.25   | 58.89<br>1.71<br>0.00   | 79.45<br>3.20<br>0.00 | 110.31<br>5.28<br>-3.41  | 120.82<br>5.37<br>-5.86  | 101.79<br>3.86<br>-6.05  | 71.29<br>2.10<br>-3.57  | 51.26<br>1.31<br>-1.49 | 45.89<br>1.41<br>-0.52 | 40.50<br>1.35<br>-0.51 |
| CRICKET__VALLEY_CC3<br>323758 | 34.99<br>1.35<br>0.00   | 31.00<br>1.16<br>0.00  | 28.62<br>0.97<br>0.00   | 27.66<br>0.96<br>0.00   | 29.14<br>0.99<br>0.00   | 32.94<br>1.11<br>0.00  | 41.70<br>1.55<br>-3.36  | 47.75<br>1.71<br>-2.07  | 45.63<br>1.91<br>-0.27 | 39.65<br>1.74<br>0.00  | 42.52<br>1.83<br>0.00   | 43.54<br>1.83<br>0.00   | 44.76<br>1.72<br>0.00  | 49.40<br>1.44<br>0.00   | 51.77<br>1.41<br>0.25   | 58.89<br>1.71<br>0.00   | 79.45<br>3.20<br>0.00 | 110.31<br>5.28<br>-3.41  | 120.82<br>5.37<br>-5.86  | 101.79<br>3.86<br>-6.05  | 71.29<br>2.10<br>-3.57  | 51.26<br>1.31<br>-1.49 | 45.89<br>1.41<br>-0.52 | 40.50<br>1.35<br>-0.51 |
| CRUCIBLE__METL_DRP<br>24180   | 34.44<br>-0.13<br>-0.93 | 29.72<br>-0.12<br>0.00 | 28.02<br>-0.08<br>-0.45 | 26.84<br>-0.11<br>-0.25 | 28.52<br>-0.11<br>-0.48 | 31.69<br>-0.13<br>0.00 | 39.41<br>0.00<br>-2.61  | 48.11<br>0.04<br>-4.09  | 46.82<br>0.09<br>-3.28 | 40.48<br>0.00<br>-2.58 | 42.88<br>-0.08<br>-2.27 | 44.05<br>-0.08<br>-2.43 | 50.93<br>0.04<br>-7.86 | 56.63<br>-0.05<br>-8.72 | 59.86<br>0.05<br>-9.21  | 67.75<br>0.17<br>-10.41 | 76.25<br>0.00<br>0.00 | 102.13<br>0.51<br>0.00   | 110.37<br>0.77<br>0.00   | 92.99<br>1.10<br>0.00    | 65.81<br>0.20<br>0.00   | 48.56<br>0.10<br>0.00  | 43.84<br>-0.13<br>0.00 | 38.56<br>-0.08<br>0.00 |
| DAHOWA__HYDRO<br>323763       | 34.89<br>1.25<br>0.00   | 31.03<br>1.19<br>0.00  | 28.76<br>1.11<br>0.00   | 27.79<br>1.09<br>0.00   | 29.31<br>1.15<br>0.00   | 33.19<br>1.37<br>0.00  | 53.55<br>1.84<br>-14.92 | 55.23<br>2.07<br>-9.19  | 46.38<br>1.82<br>-1.10 | 39.01<br>1.10<br>0.00  | 41.54<br>0.86<br>0.00   | 42.54<br>0.83<br>0.00   | 43.76<br>0.73<br>0.00  | 48.58<br>0.62<br>0.00   | 51.34<br>0.76<br>0.02   | 58.37<br>1.20<br>0.00   | 78.99<br>2.74<br>0.00 | 121.56<br>4.98<br>-14.96 | 141.42<br>6.13<br>-25.69 | 123.19<br>4.78<br>-26.53 | 84.17<br>2.88<br>-15.67 | 56.97<br>1.89<br>-6.62 | 47.93<br>1.67<br>-2.29 | 42.32<br>1.43<br>-2.26 |
| DANC__LFGE<br>323619          | 34.47<br>-0.03<br>-0.87 | 29.87<br>0.03<br>0.00  | 28.13<br>0.06<br>-0.42  | 26.98<br>0.05<br>-0.23  | 28.63<br>0.03<br>-0.45  | 31.95<br>0.13<br>0.00  | 39.68<br>0.44<br>-2.44  | 49.62<br>0.79<br>-4.85  | 46.88<br>0.39<br>-3.04 | 40.33<br>0.04<br>-2.39 | 42.88<br>0.08<br>-2.11  | 43.82<br>0.21<br>-1.90  | 50.49<br>0.17<br>-7.29 | 56.05<br>0.00<br>-8.09  | 59.09<br>-0.05<br>-8.54 | 66.94<br>0.11<br>-9.65  | 76.48<br>0.23<br>0.00 | 103.04<br>1.42<br>0.00   | 112.12<br>2.52<br>0.00   | 94.46<br>2.57<br>0.00    | 67.00<br>1.38<br>0.00   | 49.48<br>1.02<br>0.00  | 44.41<br>0.44<br>0.00  | 38.95<br>0.31<br>0.00  |
| DANSKAMMER__1<br>23586        | 35.56<br>1.92<br>0.00   | 31.48<br>1.64<br>0.00  | 29.06<br>1.41<br>0.00   | 28.08<br>1.39<br>0.00   | 29.54<br>1.38<br>0.00   | 33.41<br>1.59<br>0.00  | 40.47<br>2.10<br>-1.57  | 47.40<br>2.46<br>-0.97  | 46.27<br>2.69<br>-0.12 | 40.37<br>2.46<br>0.00  | 43.21<br>2.52<br>0.00   | 44.29<br>2.59<br>0.00   | 45.70<br>2.67<br>0.00  | 50.50<br>2.54<br>0.00   | 53.20<br>2.58<br>-0.02  | 60.26<br>3.09<br>0.00   | 81.36<br>5.11<br>0.00 | 111.18<br>8.13<br>-1.43  | 120.61<br>8.55<br>-2.46  | 100.96<br>6.52<br>-2.54  | 70.72<br>3.61<br>-1.50  | 51.44<br>2.28<br>-0.70 | 46.45<br>2.24<br>-0.24 | 40.92<br>2.05<br>-0.24 |
| DANSKAMMER__2<br>23589        | 35.56<br>1.92<br>0.00   | 31.48<br>1.64<br>0.00  | 29.06<br>1.41<br>0.00   | 28.08<br>1.39<br>0.00   | 29.54<br>1.38<br>0.00   | 33.41<br>1.59<br>0.00  | 40.47<br>2.10<br>-1.57  | 47.40<br>2.46<br>-0.97  | 46.27<br>2.69<br>-0.12 | 40.37<br>2.46<br>0.00  | 43.21<br>2.52<br>0.00   | 44.29<br>2.59<br>0.00   | 45.70<br>2.67<br>0.00  | 50.50<br>2.54<br>0.00   | 53.20<br>2.58<br>-0.02  | 60.26<br>3.09<br>0.00   | 81.36<br>5.11<br>0.00 | 111.18<br>8.13<br>-1.43  | 120.61<br>8.55<br>-2.46  | 100.96<br>6.52<br>-2.54  | 70.72<br>3.61<br>-1.50  | 51.44<br>2.28<br>-0.70 | 46.45<br>2.24<br>-0.24 | 40.92<br>2.05<br>-0.24 |
| DANSKAMMER__3<br>23590        | 35.56<br>1.92<br>0.00   | 31.48<br>1.64<br>0.00  | 29.06<br>1.41<br>0.00   | 28.08<br>1.39<br>0.00   | 29.54<br>1.38<br>0.00   | 33.41<br>1.59<br>0.00  | 40.47<br>2.10<br>-1.57  | 47.40<br>2.46<br>-0.97  | 46.27<br>2.69<br>-0.12 | 40.37<br>2.46<br>0.00  | 43.21<br>2.52<br>0.00   | 44.29<br>2.59<br>0.00   | 45.70<br>2.67<br>0.00  | 50.50<br>2.54<br>0.00   | 53.20<br>2.58<br>-0.02  | 60.26<br>3.09<br>0.00   | 81.36<br>5.11<br>0.00 | 111.18<br>8.13<br>-1.43  | 120.61<br>8.55<br>-2.46  | 100.96<br>6.52<br>-2.54  | 70.72<br>3.61<br>-1.50  | 51.44<br>2.28<br>-0.70 | 46.45<br>2.24<br>-0.24 | 40.92<br>2.05<br>-0.24 |



|                                            |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                          |                          |                          |                         |                        |                        |                        |
|--------------------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| DANSKAMMER___4<br>23591                    | 35.56<br>1.92<br>0.00   | 31.48<br>1.64<br>0.00  | 29.06<br>1.41<br>0.00   | 28.08<br>1.39<br>0.00  | 29.54<br>1.38<br>0.00   | 33.41<br>1.59<br>0.00  | 40.47<br>2.10<br>-1.57  | 47.40<br>2.46<br>-0.97  | 46.27<br>2.69<br>-0.12  | 40.37<br>2.46<br>0.00   | 43.21<br>2.52<br>0.00   | 44.29<br>2.59<br>0.00   | 45.70<br>2.67<br>0.00   | 50.50<br>2.54<br>0.00   | 53.20<br>2.58<br>-0.02  | 60.26<br>3.09<br>0.00   | 81.36<br>5.11<br>0.00  | 111.18<br>8.13<br>-1.43  | 120.61<br>8.55<br>-2.46  | 100.96<br>6.52<br>-2.54  | 70.72<br>3.61<br>-1.50  | 51.44<br>2.28<br>-0.70 | 46.45<br>2.24<br>-0.24 | 40.92<br>2.05<br>-0.24 |
| DANSKAMMER___DIESEL<br>23592               | 35.56<br>1.92<br>0.00   | 31.48<br>1.64<br>0.00  | 29.07<br>1.41<br>0.00   | 28.08<br>1.39<br>0.00  | 29.54<br>1.38<br>0.00   | 33.41<br>1.59<br>0.00  | 40.47<br>2.10<br>-1.57  | 47.40<br>2.46<br>-0.97  | 46.35<br>2.78<br>-0.12  | 40.37<br>2.46<br>0.00   | 43.41<br>2.73<br>0.00   | 44.42<br>2.71<br>0.00   | 45.87<br>2.84<br>0.00   | 50.45<br>2.49<br>0.00   | 53.23<br>2.63<br>0.00   | 60.26<br>3.09<br>0.00   | 81.36<br>5.11<br>0.00  | 111.18<br>8.13<br>-1.43  | 120.61<br>8.55<br>-2.46  | 100.95<br>6.52<br>-2.54  | 70.73<br>3.61<br>-1.50  | 51.44<br>2.28<br>-0.70 | 46.50<br>2.29<br>-0.24 | 40.92<br>2.05<br>-0.24 |
| DARBY___SOLAR<br>323810                    | 34.85<br>1.21<br>0.00   | 30.97<br>1.13<br>0.00  | 28.71<br>1.05<br>0.00   | 27.74<br>1.04<br>0.00  | 29.25<br>1.10<br>0.00   | 33.13<br>1.31<br>0.00  | 54.35<br>1.73<br>-15.83 | 55.70<br>1.98<br>-9.75  | 46.36<br>1.74<br>-1.17  | 38.97<br>1.06<br>0.00   | 41.54<br>0.86<br>0.00   | 42.54<br>0.83<br>0.00   | 43.76<br>0.73<br>0.00   | 48.54<br>0.58<br>0.00   | 51.29<br>0.71<br>0.02   | 58.31<br>1.14<br>0.00   | 78.85<br>2.59<br>0.00  | 122.26<br>4.78<br>-15.87 | 142.65<br>5.80<br>-27.25 | 124.44<br>4.41<br>-28.14 | 84.93<br>2.69<br>-16.62 | 57.22<br>1.74<br>-7.02 | 47.98<br>1.58<br>-2.43 | 42.38<br>1.35<br>-2.39 |
| DASHVILLE___HYD<br>23610                   | 35.39<br>1.75<br>0.00   | 31.33<br>1.49<br>0.00  | 28.93<br>1.27<br>0.00   | 27.98<br>1.28<br>0.00  | 29.42<br>1.27<br>0.00   | 33.22<br>1.40<br>0.00  | 34.87<br>2.10<br>4.03   | 43.95<br>2.46<br>2.48   | 45.72<br>2.56<br>0.30   | 40.07<br>2.16<br>0.00   | 43.29<br>2.69<br>0.08   | 44.14<br>2.63<br>0.20   | 45.44<br>2.75<br>0.35   | 49.40<br>2.35<br>0.91   | 51.85<br>2.48<br>1.23   | 58.03<br>2.92<br>2.05   | 80.02<br>4.96<br>1.19  | 103.96<br>7.82<br>5.48   | 110.67<br>8.11<br>7.03   | 90.78<br>6.16<br>7.26    | 64.74<br>3.41<br>4.29   | 48.81<br>2.13<br>1.79  | 45.55<br>2.20<br>0.62  | 40.04<br>2.01<br>0.61  |
| DELAWARE___LFGE<br>323621                  | 34.76<br>0.87<br>-0.25  | 30.61<br>0.78<br>0.00  | 28.49<br>0.72<br>-0.12  | 27.48<br>0.72<br>-0.07 | 28.99<br>0.70<br>-0.13  | 32.59<br>0.76<br>0.00  | 38.56<br>1.07<br>-0.70  | 46.11<br>1.28<br>-0.86  | 45.66<br>1.35<br>-0.86  | 39.68<br>1.10<br>-0.67  | 42.46<br>1.18<br>-0.60  | 43.51<br>1.17<br>-0.64  | 46.34<br>1.25<br>-2.06  | 51.30<br>1.06<br>-2.28  | 54.12<br>1.11<br>-2.41  | 61.27<br>1.37<br>-2.72  | 78.54<br>2.29<br>0.00  | 105.89<br>4.27<br>0.00   | 114.20<br>4.60<br>0.00   | 95.47<br>3.58<br>0.00    | 67.52<br>1.90<br>0.00   | 49.77<br>1.31<br>0.00  | 45.16<br>1.19<br>0.00  | 39.68<br>1.04<br>0.00  |
| DERFIELD_115KV_TB7<br>355931               | 33.74<br>0.10<br>0.00   | 29.96<br>0.12<br>0.00  | 27.77<br>0.11<br>0.00   | 26.80<br>0.11<br>0.00  | 28.27<br>0.11<br>0.00   | 31.95<br>0.13<br>0.00  | 37.02<br>0.22<br>0.00   | 44.24<br>0.26<br>0.00   | 43.71<br>0.26<br>0.00   | 38.10<br>0.19<br>0.00   | 40.89<br>0.20<br>0.00   | 41.91<br>0.21<br>0.00   | 43.25<br>0.22<br>0.00   | 48.06<br>0.10<br>0.00   | 50.70<br>0.10<br>0.00   | 57.34<br>0.17<br>0.00   | 76.63<br>0.38<br>0.00  | 102.53<br>0.91<br>0.00   | 110.58<br>0.99<br>0.00   | 92.62<br>0.74<br>0.00    | 65.94<br>0.33<br>0.00   | 48.65<br>0.19<br>0.00  | 44.10<br>0.13<br>0.00  | 38.75<br>0.12<br>0.00  |
| DOGLEVILLE___HYD<br>23807                  | 34.68<br>1.04<br>0.00   | 30.82<br>0.98<br>0.00  | 28.54<br>0.88<br>0.00   | 27.58<br>0.88<br>0.00  | 29.06<br>0.90<br>0.00   | 32.87<br>1.05<br>0.00  | 38.12<br>1.32<br>0.00   | 45.60<br>1.63<br>0.00   | 45.02<br>1.56<br>0.00   | 39.19<br>1.29<br>0.00   | 42.11<br>1.42<br>0.00   | 43.12<br>1.42<br>0.00   | 44.54<br>1.51<br>0.00   | 49.49<br>1.53<br>0.00   | 52.22<br>1.62<br>0.00   | 59.06<br>1.89<br>0.00   | 78.92<br>2.67<br>0.00  | 105.78<br>4.17<br>0.00   | 114.09<br>4.49<br>0.00   | 95.56<br>3.68<br>0.00    | 67.91<br>2.30<br>0.00   | 50.11<br>1.65<br>0.00  | 45.33<br>1.36<br>0.00  | 39.84<br>1.20<br>0.00  |
| DUNKIRK___115KV_TB_200<br>55889            | 33.00<br>-0.71<br>-0.07 | 28.63<br>-0.78<br>0.43 | 26.86<br>-0.83<br>-0.04 | 26.07<br>-0.56<br>0.06 | 27.43<br>-0.76<br>-0.04 | 29.93<br>-0.92<br>0.97 | 35.79<br>-1.62<br>-0.61 | 41.93<br>-2.51<br>-0.46 | 41.72<br>-1.91<br>-0.18 | 37.62<br>-1.55<br>-1.27 | 40.22<br>-1.59<br>-1.12 | 41.45<br>-1.46<br>-1.20 | 46.05<br>-0.86<br>-3.88 | 51.83<br>-0.43<br>-4.31 | 54.34<br>-0.81<br>-4.55 | 56.62<br>-1.54<br>-1.00 | 72.74<br>-3.51<br>0.00 | 97.86<br>-3.76<br>0.00   | 107.74<br>-1.86<br>0.00  | 91.25<br>-0.64<br>0.00   | 62.99<br>-2.62<br>0.00  | 47.25<br>-1.21<br>0.00 | 42.34<br>-1.63<br>0.00 | 37.67<br>-0.97<br>0.00 |
| DUNKIRK___1<br>23563                       | 33.00<br>-0.71<br>-0.07 | 28.63<br>-0.78<br>0.43 | 26.86<br>-0.83<br>-0.04 | 26.07<br>-0.56<br>0.06 | 27.43<br>-0.76<br>-0.04 | 29.93<br>-0.92<br>0.97 | 35.79<br>-1.62<br>-0.61 | 41.93<br>-2.51<br>-0.46 | 41.72<br>-1.91<br>-0.18 | 37.62<br>-1.55<br>-1.27 | 40.22<br>-1.59<br>-1.12 | 41.45<br>-1.46<br>-1.20 | 46.05<br>-0.86<br>-3.88 | 51.83<br>-0.43<br>-4.31 | 54.34<br>-0.81<br>-4.55 | 56.62<br>-1.54<br>-1.00 | 72.74<br>-3.51<br>0.00 | 97.86<br>-3.76<br>0.00   | 107.74<br>-1.86<br>0.00  | 91.25<br>-0.64<br>0.00   | 62.99<br>-2.62<br>0.00  | 47.25<br>-1.21<br>0.00 | 42.34<br>-1.63<br>0.00 | 37.67<br>-0.97<br>0.00 |
| DUNKIRK___2<br>23564                       | 33.00<br>-0.71<br>-0.07 | 28.63<br>-0.78<br>0.43 | 26.86<br>-0.83<br>-0.04 | 26.07<br>-0.56<br>0.06 | 27.43<br>-0.76<br>-0.04 | 29.93<br>-0.92<br>0.97 | 35.79<br>-1.62<br>-0.61 | 41.93<br>-2.51<br>-0.46 | 41.72<br>-1.91<br>-0.18 | 37.62<br>-1.55<br>-1.27 | 40.22<br>-1.59<br>-1.12 | 41.45<br>-1.46<br>-1.20 | 46.05<br>-0.86<br>-3.88 | 51.83<br>-0.43<br>-4.31 | 54.34<br>-0.81<br>-4.55 | 56.62<br>-1.54<br>-1.00 | 72.74<br>-3.51<br>0.00 | 97.86<br>-3.76<br>0.00   | 107.74<br>-1.86<br>0.00  | 91.25<br>-0.64<br>0.00   | 62.99<br>-2.62<br>0.00  | 47.25<br>-1.21<br>0.00 | 42.34<br>-1.63<br>0.00 | 37.67<br>-0.97<br>0.00 |
| DUNKIRK___3<br>23565                       | 32.96<br>-0.74<br>-0.06 | 28.59<br>-0.81<br>0.44 | 26.83<br>-0.86<br>-0.03 | 26.05<br>-0.59<br>0.06 | 27.40<br>-0.79<br>-0.04 | 29.86<br>-0.99<br>0.98 | 35.70<br>-1.69<br>-0.60 | 41.79<br>-2.64<br>-0.45 | 41.45<br>-2.17<br>-0.17 | 37.40<br>-1.78<br>-1.27 | 39.94<br>-1.87<br>-1.12 | 41.15<br>-1.75<br>-1.20 | 45.75<br>-1.16<br>-3.87 | 51.49<br>-0.77<br>-4.30 | 54.03<br>-1.11<br>-4.54 | 56.25<br>-1.89<br>-0.97 | 72.36<br>-3.89<br>0.00 | 97.15<br>-4.47<br>0.00   | 106.86<br>-2.74<br>0.00  | 90.60<br>-1.29<br>0.00   | 62.66<br>-2.95<br>0.00  | 47.05<br>-1.41<br>0.00 | 42.26<br>-1.71<br>0.00 | 37.67<br>-0.97<br>0.00 |
| DUNKIRK___4<br>23566                       | 32.96<br>-0.74<br>-0.06 | 28.59<br>-0.81<br>0.44 | 26.83<br>-0.86<br>-0.03 | 26.05<br>-0.59<br>0.06 | 27.40<br>-0.79<br>-0.04 | 29.86<br>-0.99<br>0.98 | 35.70<br>-1.69<br>-0.60 | 41.79<br>-2.64<br>-0.45 | 41.45<br>-2.17<br>-0.17 | 37.40<br>-1.78<br>-1.27 | 39.94<br>-1.87<br>-1.12 | 41.15<br>-1.75<br>-1.20 | 45.75<br>-1.16<br>-3.87 | 51.49<br>-0.77<br>-4.30 | 54.03<br>-1.11<br>-4.54 | 56.25<br>-1.89<br>-0.97 | 72.36<br>-3.89<br>0.00 | 97.15<br>-4.47<br>0.00   | 106.86<br>-2.74<br>0.00  | 90.60<br>-1.29<br>0.00   | 62.66<br>-2.95<br>0.00  | 47.05<br>-1.41<br>0.00 | 42.26<br>-1.71<br>0.00 | 37.67<br>-0.97<br>0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I<br>345000 | 35.76<br>2.12<br>0.00   | 31.69<br>1.85<br>0.00  | 29.18<br>1.52<br>0.00   | 28.11<br>1.41<br>0.00  | 29.56<br>1.41<br>0.00   | 33.48<br>1.65<br>0.00  | 40.89<br>2.10<br>-2.00  | 47.62<br>2.42<br>-1.23  | 46.47<br>2.87<br>-0.15  | 40.56<br>2.65<br>0.00   | 43.70<br>3.01<br>0.00   | 44.67<br>2.96<br>0.00   | 46.17<br>3.14<br>0.00   | 50.60<br>2.64<br>0.00   | 53.38<br>2.78<br>0.00   | 60.26<br>3.09<br>0.00   | 81.36<br>5.11<br>0.00  | 111.53<br>7.93<br>-1.99  | 121.01<br>8.00<br>-3.41  | 101.29<br>5.88<br>-3.52  | 71.04<br>3.35<br>-2.08  | 51.38<br>2.04<br>-0.89 | 46.48<br>2.20<br>-0.31 | 40.99<br>2.05<br>-0.30 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G<br>345009  | 35.42<br>1.78<br>0.00   | 31.36<br>1.52<br>0.00  | 28.93<br>1.27<br>0.00   | 27.95<br>1.25<br>0.00  | 29.40<br>1.24<br>0.00   | 33.25<br>1.43<br>0.00  | 40.05<br>1.88<br>-1.38  | 47.06<br>2.24<br>-0.85  | 46.20<br>2.65<br>-0.10  | 40.26<br>2.35<br>0.00   | 43.29<br>2.60<br>0.00   | 44.25<br>2.54<br>0.00   | 45.74<br>2.71<br>0.00   | 50.31<br>2.35<br>0.00   | 53.08<br>2.48<br>0.00   | 60.09<br>2.92<br>0.00   | 81.13<br>4.88<br>0.00  | 110.65<br>7.82<br>-1.21  | 119.79<br>8.11<br>-2.08  | 100.10<br>6.06<br>-2.15  | 70.23<br>3.35<br>-1.27  | 51.16<br>2.08<br>-0.61 | 46.34<br>2.15<br>-0.21 | 40.78<br>1.93<br>-0.21 |
| E179THST_138_KV_TB4_REV_LBMP_J<br>345001   | 36.21<br>2.56<br>-0.01  | 32.05<br>2.21<br>-0.01 | 29.52<br>1.85<br>-0.01  | 28.44<br>1.74<br>-0.01 | 29.88<br>1.72<br>-0.01  | 33.80<br>1.97<br>-0.01 | 41.30<br>2.50<br>-2.00  | 47.84<br>2.64<br>-1.23  | 46.68<br>3.09<br>-0.15  | 40.79<br>2.88<br>0.00   | 43.74<br>3.05<br>0.00   | 44.79<br>3.09<br>0.00   | 46.30<br>3.27<br>0.00   | 50.55<br>2.59<br>0.00   | 53.28<br>2.68<br>0.00   | 59.97<br>2.80<br>0.00   | 81.28<br>5.03<br>0.00  | 111.63<br>8.03<br>-1.99  | 121.01<br>8.00<br>-3.41  | 101.11<br>5.70<br>-3.52  | 70.72<br>3.02<br>-2.08  | 51.24<br>1.89<br>-0.89 | 46.92<br>2.64<br>-0.31 | 41.46<br>2.51<br>-0.31 |



|                                            |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                        |                         |                          |                          |                        |                        |                        |                        |
|--------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|
| E179THST_13_KV_LOAD<br>356214              | 36.37<br>2.72<br>-0.01  | 32.20<br>2.36<br>-0.01  | 29.63<br>1.96<br>-0.01  | 28.55<br>1.84<br>-0.01  | 30.00<br>1.83<br>-0.01  | 33.93<br>2.10<br>-0.01  | 41.49<br>2.69<br>-2.00  | 48.06<br>2.86<br>-1.23  | 46.90<br>3.30<br>-0.15  | 40.98<br>3.07<br>0.00   | 43.94<br>3.25<br>0.00   | 45.00<br>3.29<br>0.00   | 46.56<br>3.53<br>0.00    | 50.79<br>2.83<br>0.00    | 53.58<br>2.99<br>0.00    | 60.32<br>3.14<br>0.00    | 81.74<br>5.49<br>0.00  | 112.24<br>8.64<br>-1.99 | 121.67<br>8.66<br>-3.41  | 101.66<br>6.25<br>-3.52  | 71.11<br>3.41<br>-2.08 | 51.48<br>2.13<br>-0.89 | 47.14<br>2.86<br>-0.31 | 41.61<br>2.67<br>-0.31 |
| EAST HAMPTON___GT<br>23717                 | 35.86<br>2.22<br>0.00   | 31.63<br>1.79<br>0.00   | 29.09<br>1.44<br>0.00   | 27.79<br>1.09<br>0.00   | 29.28<br>1.13<br>0.00   | 33.32<br>1.50<br>0.00   | 40.67<br>1.88<br>-2.00  | 46.77<br>1.58<br>-1.21  | 45.43<br>1.82<br>-0.15  | 40.52<br>2.61<br>0.00   | 43.33<br>2.64<br>0.00   | 29.35<br>2.38<br>14.73  | 42.74<br>2.07<br>2.36    | 47.95<br>1.92<br>1.93    | 50.47<br>2.12<br>2.25    | 52.96<br>2.51<br>6.73    | 62.44<br>3.66<br>17.47 | 70.58<br>5.89<br>36.93  | 75.36<br>5.15<br>39.39   | 65.08<br>3.13<br>29.94   | 52.56<br>1.24<br>14.30 | 49.48<br>0.39<br>-0.63 | 44.62<br>0.35<br>-0.30 | 40.56<br>1.62<br>-0.30 |
| EAST RIVER___6<br>23660                    | 36.00<br>2.35<br>0.00   | 31.89<br>2.06<br>0.00   | 29.31<br>1.66<br>0.00   | 28.24<br>1.55<br>0.00   | 29.65<br>1.49<br>0.00   | 33.60<br>1.78<br>0.00   | 40.96<br>2.17<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.57<br>2.96<br>-0.17  | 40.75<br>2.84<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.22<br>3.18<br>0.00    | 50.98<br>3.02<br>0.00    | 53.71<br>3.09<br>-0.02   | 60.54<br>3.37<br>0.00    | 81.74<br>5.49<br>0.00  | 112.14<br>8.54<br>-1.99 | 121.45<br>8.44<br>-3.41  | 101.57<br>6.16<br>-3.52  | 71.24<br>3.54<br>-2.08 | 51.53<br>2.18<br>-0.89 | 46.65<br>2.37<br>-0.31 | 41.14<br>2.20<br>-0.30 |
| EAST RIVER___7<br>23524                    | 36.00<br>2.35<br>0.00   | 31.89<br>2.06<br>0.00   | 29.31<br>1.66<br>0.00   | 28.24<br>1.55<br>0.00   | 29.65<br>1.49<br>0.00   | 33.60<br>1.78<br>0.00   | 40.96<br>2.17<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.57<br>2.96<br>-0.17  | 40.75<br>2.84<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.22<br>3.18<br>0.00    | 50.98<br>3.02<br>0.00    | 53.71<br>3.09<br>-0.02   | 60.54<br>3.37<br>0.00    | 81.74<br>5.49<br>0.00  | 112.14<br>8.54<br>-1.99 | 121.45<br>8.44<br>-3.41  | 101.57<br>6.16<br>-3.52  | 71.24<br>3.54<br>-2.08 | 51.53<br>2.18<br>-0.89 | 46.65<br>2.37<br>-0.31 | 41.14<br>2.20<br>-0.30 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I<br>345002 | 35.69<br>2.05<br>0.00   | 31.60<br>1.76<br>0.00   | 29.12<br>1.47<br>0.00   | 28.06<br>1.36<br>0.00   | 29.51<br>1.35<br>0.00   | 33.41<br>1.59<br>0.00   | 40.81<br>2.02<br>-1.99  | 47.53<br>2.33<br>-1.23  | 46.38<br>2.78<br>-0.15  | 40.45<br>2.54<br>0.00   | 43.58<br>2.89<br>0.00   | 44.54<br>2.84<br>0.00   | 46.05<br>3.01<br>0.00    | 50.45<br>2.49<br>0.00    | 53.23<br>2.63<br>0.00    | 60.14<br>2.97<br>0.00    | 81.13<br>4.88<br>0.00  | 111.22<br>7.62<br>-1.98 | 120.77<br>7.78<br>-3.39  | 101.09<br>5.70<br>-3.50  | 70.90<br>3.22<br>-2.07 | 51.28<br>1.94<br>-0.88 | 46.43<br>2.15<br>-0.31 | 40.87<br>1.93<br>-0.30 |
| EAST_HAMPTON___DIESEL<br>23722             | 35.86<br>2.22<br>0.00   | 31.60<br>1.76<br>0.00   | 29.06<br>1.41<br>0.00   | 27.79<br>1.09<br>0.00   | 29.25<br>1.10<br>0.00   | 33.32<br>1.50<br>0.00   | 40.67<br>1.88<br>-2.00  | 46.77<br>1.58<br>-1.21  | 45.43<br>1.82<br>-0.15  | 40.52<br>2.61<br>0.00   | 43.33<br>2.64<br>0.00   | 29.35<br>2.38<br>14.73  | 42.70<br>2.02<br>2.36    | 47.89<br>1.87<br>1.93    | 50.42<br>2.08<br>2.25    | 52.84<br>2.40<br>6.73    | 62.29<br>3.51<br>17.47 | 70.37<br>5.69<br>36.93  | 75.14<br>4.94<br>39.39   | 64.89<br>2.94<br>29.94   | 52.37<br>1.05<br>14.30 | 49.38<br>0.29<br>-0.63 | 44.53<br>0.27<br>-0.30 | 40.49<br>1.55<br>-0.30 |
| EAST_POINT___SOLAR<br>323840               | 35.19<br>1.55<br>0.00   | 31.24<br>1.40<br>0.00   | 28.98<br>1.33<br>0.00   | 28.00<br>1.31<br>0.00   | 29.56<br>1.41<br>0.00   | 33.63<br>1.81<br>0.00   | 46.20<br>2.39<br>-7.02  | 50.67<br>2.37<br>-4.32  | 44.53<br>0.56<br>-0.52  | 37.07<br>-0.83<br>0.00  | 39.22<br>-1.46<br>0.00  | 40.29<br>-1.42<br>0.00  | 41.65<br>-1.38<br>0.00   | 46.28<br>-1.68<br>0.00   | 48.87<br>-1.72<br>0.01   | 55.68<br>-1.49<br>0.00   | 76.10<br>-0.15<br>0.00 | 113.13<br>4.47<br>-7.05 | 130.79<br>9.09<br>-12.10 | 111.46<br>7.08<br>-12.50 | 77.40<br>4.40<br>-7.38 | 54.43<br>2.86<br>-3.11 | 47.38<br>2.33<br>-1.08 | 41.59<br>1.89<br>-1.06 |
| EAST_PULASKI___ESR<br>323781               | 34.72<br>-0.30<br>-1.38 | 29.86<br>-0.24<br>-0.27 | 28.10<br>-0.22<br>-0.67 | 26.90<br>-0.21<br>-0.42 | 28.64<br>-0.23<br>-0.71 | 32.19<br>-0.22<br>-0.59 | 40.40<br>-0.04<br>-3.64 | 50.91<br>0.04<br>-6.90  | 48.65<br>-0.04<br>-5.24 | 41.79<br>-0.23<br>-4.11 | 44.12<br>-0.20<br>-3.64 | 44.89<br>-0.17<br>-3.35 | 55.45<br>-0.13<br>-12.55 | 62.07<br>-0.33<br>-14.44 | 65.36<br>-0.35<br>-15.11 | 73.06<br>-0.40<br>-16.29 | 75.72<br>-0.53<br>0.00 | 101.62<br>0.00<br>0.00  | 110.15<br>0.55<br>0.00   | 92.81<br>0.92<br>0.00    | 65.81<br>0.20<br>0.00  | 48.61<br>0.15<br>0.00  | 43.79<br>-0.18<br>0.00 | 38.45<br>-0.19<br>0.00 |
| EAST_RIVER___1<br>323558                   | 36.00<br>2.35<br>0.00   | 31.89<br>2.06<br>0.00   | 29.31<br>1.66<br>0.00   | 28.24<br>1.55<br>0.00   | 29.68<br>1.52<br>0.00   | 33.63<br>1.81<br>0.00   | 41.04<br>2.24<br>-2.00  | 47.80<br>2.59<br>-1.23  | 46.57<br>2.96<br>-0.17  | 40.75<br>2.84<br>0.00   | 43.70<br>3.01<br>0.00   | 44.79<br>3.09<br>0.00   | 46.17<br>3.14<br>0.00    | 50.93<br>2.97<br>0.00    | 53.66<br>3.04<br>-0.02   | 60.54<br>3.37<br>0.00    | 81.74<br>5.49<br>0.00  | 112.14<br>8.54<br>-1.99 | 121.56<br>8.55<br>-3.41  | 101.66<br>6.25<br>-3.52  | 71.24<br>3.54<br>-2.08 | 51.53<br>2.18<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.14<br>2.20<br>-0.30 |
| EAST_RIVER___2<br>323559                   | 36.00<br>2.35<br>0.00   | 31.89<br>2.06<br>0.00   | 29.31<br>1.66<br>0.00   | 28.24<br>1.55<br>0.00   | 29.65<br>1.49<br>0.00   | 33.60<br>1.78<br>0.00   | 40.96<br>2.17<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.57<br>2.96<br>-0.17  | 40.75<br>2.84<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.22<br>3.18<br>0.00    | 50.98<br>3.02<br>0.00    | 53.71<br>3.09<br>-0.02   | 60.54<br>3.37<br>0.00    | 81.74<br>5.49<br>0.00  | 112.14<br>8.54<br>-1.99 | 121.45<br>8.44<br>-3.41  | 101.57<br>6.16<br>-3.52  | 71.24<br>3.54<br>-2.08 | 51.53<br>2.18<br>-0.89 | 46.65<br>2.37<br>-0.31 | 41.14<br>2.20<br>-0.30 |
| EAST___DELAWARE_HYD<br>23607               | 35.36<br>1.71<br>0.00   | 31.33<br>1.49<br>0.00   | 28.90<br>1.25<br>0.00   | 27.92<br>1.23<br>0.00   | 29.39<br>1.24<br>0.00   | 33.26<br>1.43<br>0.00   | 38.71<br>1.91<br>0.00   | 46.30<br>2.33<br>0.00   | 45.93<br>2.48<br>0.00   | 40.14<br>2.24<br>0.00   | 42.90<br>2.24<br>0.03   | 43.89<br>2.25<br>0.07   | 45.28<br>2.37<br>0.12    | 49.91<br>2.25<br>0.31    | 52.54<br>2.33<br>0.39    | 59.29<br>2.80<br>0.69    | 80.74<br>4.88<br>0.40  | 109.18<br>8.03<br>0.46  | 118.15<br>8.55<br>0.00   | 98.41<br>6.52<br>0.00    | 69.16<br>3.54<br>0.00  | 50.64<br>2.18<br>0.00  | 46.08<br>2.11<br>0.00  | 40.57<br>1.93<br>0.00  |
| EIGHT_POINT___WT_PWR<br>323820             | 33.02<br>-0.84<br>-0.22 | 28.68<br>-0.84<br>0.32  | 26.99<br>-0.77<br>-0.11 | 26.11<br>-0.59<br>0.00  | 27.60<br>-0.68<br>-0.11 | 30.38<br>-0.73<br>0.71  | 36.80<br>-0.92<br>-0.92 | 45.16<br>-1.23<br>-2.41 | 42.68<br>-1.35<br>-0.57 | 36.92<br>-1.44<br>-0.45 | 39.85<br>-1.22<br>-0.39 | 41.20<br>-1.00<br>-0.50 | 44.31<br>-0.09<br>-1.36  | 48.25<br>-0.67<br>-0.96  | 51.71<br>-0.05<br>-1.16  | 58.47<br>-0.86<br>-2.16  | 74.57<br>-1.68<br>0.00 | 101.21<br>-0.40<br>0.00 | 110.81<br>1.21<br>0.00   | 93.63<br>1.74<br>0.00    | 64.83<br>-0.78<br>0.00 | 48.07<br>-0.39<br>0.00 | 43.13<br>-0.84<br>0.00 | 37.98<br>-0.66<br>0.00 |
| ELBRIDGE_115KV_TB2<br>80188                | 34.30<br>-0.30<br>-0.96 | 29.60<br>-0.24<br>0.00  | 27.90<br>-0.22<br>-0.46 | 26.74<br>-0.21<br>-0.26 | 28.40<br>-0.25<br>-0.50 | 31.54<br>-0.29<br>0.00  | 39.28<br>-0.22<br>-2.71 | 48.08<br>-0.26<br>-4.38 | 46.69<br>-0.17<br>-3.41 | 40.36<br>-0.23<br>-2.68 | 42.73<br>-0.33<br>-2.36 | 43.90<br>-0.33<br>-2.52 | 50.99<br>-0.22<br>-8.17  | 56.74<br>-0.29<br>-9.07  | 59.92<br>-0.25<br>-9.58  | 67.82<br>-0.17<br>-10.82 | 75.79<br>-0.46<br>0.00 | 101.52<br>-0.10<br>0.00 | 109.71<br>0.11<br>0.00   | 92.44<br>0.55<br>0.00    | 65.35<br>-0.26<br>0.00 | 48.27<br>-0.19<br>0.00 | 43.62<br>-0.35<br>0.00 | 38.37<br>-0.27<br>0.00 |
| ELEC_TRO_TEK<br>24086                      | 35.69<br>2.05<br>0.00   | 31.54<br>1.70<br>0.00   | 28.98<br>1.33<br>0.00   | 27.84<br>1.15<br>0.00   | 29.28<br>1.13<br>0.00   | 33.19<br>1.37<br>0.00   | 40.56<br>1.77<br>-2.00  | 46.91<br>1.71<br>-1.22  | 45.76<br>2.17<br>-0.14  | 40.37<br>2.46<br>0.00   | 43.58<br>2.89<br>0.00   | 44.46<br>2.75<br>0.00   | 45.83<br>2.80<br>0.00    | 50.02<br>2.06<br>0.01    | 52.88<br>2.28<br>0.00    | 59.92<br>2.74<br>0.00    | 80.44<br>4.19<br>0.00  | 110.31<br>6.71<br>-1.98 | 119.58<br>6.58<br>-3.41  | 97.29<br>4.69<br>-0.71   | 70.19<br>2.49<br>-2.08 | 50.79<br>1.45<br>-0.88 | 45.90<br>1.63<br>-0.30 | 40.99<br>2.05<br>-0.30 |
| ELLENBURG_WT_PWR<br>323604                 | 33.37<br>-0.27<br>0.00  | 29.48<br>-0.36<br>0.00  | 27.27<br>-0.39<br>0.00  | 26.22<br>-0.48<br>0.00  | 27.74<br>-0.42<br>0.00  | 31.57<br>-0.26<br>0.00  | 36.76<br>-0.04<br>0.00  | 44.19<br>0.22<br>0.00   | 43.45<br>0.00<br>0.00   | 38.28<br>0.38<br>0.00   | 41.34<br>0.65<br>0.00   | 42.21<br>0.50<br>0.00   | 42.90<br>-0.13<br>0.00   | 47.34<br>-0.62<br>0.00   | 49.38<br>-1.21<br>0.00   | 55.51<br>-1.66<br>0.00   | 74.20<br>-2.06<br>0.00 | 98.47<br>-3.15<br>0.00  | 106.09<br>-3.51<br>0.00  | 88.67<br>-3.22<br>0.00   | 63.91<br>-1.71<br>0.00 | 47.15<br>-1.31<br>0.00 | 43.35<br>-0.62<br>0.00 | 38.06<br>-0.58<br>0.00 |



|                                      |                         |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                          |                          |                          |                         |                         |                        |                        |
|--------------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| ELM_ST_23_KV_LD_REV_LBMP_A<br>345012 | 32.78<br>-0.91<br>-0.04 | 28.52<br>-0.87<br>0.45 | 26.77<br>-0.91<br>-0.02 | 25.98<br>-0.64<br>0.07  | 27.34<br>-0.84<br>-0.03 | 29.73<br>-1.08<br>1.01 | 35.45<br>-1.91<br>-0.56 | 41.28<br>-3.08<br>-0.38 | 40.87<br>-2.69<br>-0.11 | 36.97<br>-2.20<br>-1.26 | 39.40<br>-2.40<br>-1.11 | 40.64<br>-2.25<br>-1.19 | 45.20<br>-1.68<br>-3.85 | 50.89<br>-1.34<br>-4.27 | 53.44<br>-1.67<br>-4.51 | 55.38<br>-2.57<br>-0.78 | 71.37<br>-4.88<br>0.00 | 95.52<br>-6.10<br>0.00   | 105.00<br>-4.60<br>0.00  | 89.22<br>-2.66<br>0.00   | 61.88<br>-3.74<br>0.00  | 46.62<br>-1.84<br>0.00  | 41.99<br>-1.98<br>0.00 | 37.63<br>-1.00<br>0.00 |
| EMPIRE_CC_1<br>323656                | 34.65<br>1.01<br>0.00   | 30.76<br>0.93<br>0.00  | 28.46<br>0.80<br>0.00   | 27.50<br>0.80<br>0.00   | 29.00<br>0.84<br>0.00   | 32.78<br>0.95<br>0.00  | 61.94<br>1.40<br>-23.74 | 60.09<br>1.50<br>-14.62 | 46.68<br>1.48<br>-1.76  | 39.15<br>1.25<br>0.00   | 41.91<br>1.22<br>0.00   | 42.92<br>1.21<br>0.00   | 44.11<br>1.08<br>0.00   | 48.77<br>0.81<br>0.00   | 51.38<br>0.81<br>0.03   | 58.31<br>1.14<br>0.00   | 78.54<br>2.29<br>0.00  | 129.31<br>3.86<br>-23.83 | 154.68<br>4.16<br>-40.92 | 137.27<br>3.13<br>-42.26 | 92.35<br>1.77<br>-24.96 | 60.15<br>1.16<br>-10.53 | 48.76<br>1.14<br>-3.65 | 43.31<br>1.08<br>-3.59 |
| EMPIRE_CC_2<br>323658                | 34.65<br>1.01<br>0.00   | 30.76<br>0.93<br>0.00  | 28.46<br>0.80<br>0.00   | 27.50<br>0.80<br>0.00   | 29.00<br>0.84<br>0.00   | 32.78<br>0.95<br>0.00  | 61.94<br>1.40<br>-23.74 | 60.09<br>1.50<br>-14.62 | 46.68<br>1.48<br>-1.76  | 39.15<br>1.25<br>0.00   | 41.91<br>1.22<br>0.00   | 42.92<br>1.21<br>0.00   | 44.11<br>1.08<br>0.00   | 48.77<br>0.81<br>0.00   | 51.38<br>0.81<br>0.03   | 58.31<br>1.14<br>0.00   | 78.54<br>2.29<br>0.00  | 129.31<br>3.86<br>-23.83 | 154.68<br>4.16<br>-40.92 | 137.27<br>3.13<br>-42.26 | 92.35<br>1.77<br>-24.96 | 60.15<br>1.16<br>-10.53 | 48.76<br>1.14<br>-3.65 | 43.31<br>1.08<br>-3.59 |
| ENORWICH_115KV_TB1<br>80156          | 35.36<br>1.24<br>-0.48  | 31.03<br>1.19<br>0.00  | 29.05<br>1.16<br>-0.23  | 27.97<br>1.15<br>-0.13  | 29.56<br>1.15<br>-0.24  | 33.22<br>1.40<br>0.00  | 40.20<br>2.06<br>-1.34  | 48.42<br>2.73<br>-1.72  | 48.12<br>3.09<br>-1.58  | 41.23<br>2.08<br>-1.24  | 43.70<br>1.91<br>-1.10  | 44.88<br>2.00<br>-1.17  | 49.02<br>2.19<br>-3.79  | 54.51<br>2.35<br>-4.20  | 57.42<br>2.38<br>-4.44  | 65.79<br>3.60<br>-5.02  | 81.82<br>5.57<br>0.00  | 112.69<br>11.08<br>0.00  | 122.42<br>12.82<br>0.00  | 102.82<br>10.93<br>0.00  | 71.78<br>6.17<br>0.00   | 52.77<br>4.31<br>0.00   | 47.14<br>3.17<br>0.00  | 41.27<br>2.63<br>0.00  |
| ERIE_ST__34_KV_TB1-2<br>80199        | 32.83<br>-0.87<br>-0.06 | 28.50<br>-0.90<br>0.44 | 26.75<br>-0.94<br>-0.03 | 25.94<br>-0.69<br>0.06  | 27.29<br>-0.90<br>-0.04 | 29.76<br>-1.08<br>0.98 | 35.59<br>-1.80<br>-0.60 | 41.65<br>-2.77<br>-0.45 | 41.15<br>-2.48<br>-0.17 | 37.09<br>-2.08<br>-1.27 | 39.61<br>-2.20<br>-1.12 | 40.82<br>-2.09<br>-1.20 | 45.45<br>-1.46<br>-3.88 | 51.16<br>-1.10<br>-4.31 | 53.73<br>-1.42<br>-4.55 | 55.90<br>-2.23<br>-0.96 | 71.90<br>-4.35<br>0.00 | 96.54<br>-5.08<br>0.00   | 106.20<br>-3.73<br>0.00  | 90.05<br>-1.84<br>0.00   | 62.34<br>-3.28<br>0.00  | 46.91<br>-1.55<br>0.00  | 42.21<br>-1.76<br>0.00 | 37.71<br>-0.93<br>0.00 |
| ERIE_WT_PWR<br>323693                | 32.89<br>-0.81<br>-0.06 | 28.59<br>-0.80<br>0.44 | 26.83<br>-0.86<br>-0.03 | 26.02<br>-0.61<br>0.06  | 27.40<br>-0.79<br>-0.03 | 29.82<br>-1.02<br>0.98 | 35.59<br>-1.80<br>-0.59 | 43.30<br>-2.86<br>-2.18 | 41.70<br>-1.91<br>-0.16 | 36.02<br>-2.01<br>-0.13 | 39.20<br>-1.59<br>-0.10 | 40.68<br>-1.17<br>-0.14 | 43.28<br>-0.13<br>-0.37 | 46.87<br>-0.82<br>0.27  | 49.84<br>-0.66<br>0.10  | 55.65<br>-2.46<br>-0.93 | 71.45<br>-4.80<br>0.00 | 96.54<br>-5.08<br>0.00   | 105.87<br>-3.73<br>0.00  | 89.87<br>-2.02<br>0.00   | 62.27<br>-3.34<br>0.00  | 46.91<br>-1.55<br>0.00  | 42.52<br>-1.45<br>0.00 | 37.79<br>-0.85<br>0.00 |
| ESPRGFLD_115KV_TB1<br>80157          | 34.74<br>0.98<br>-0.12  | 30.73<br>0.90<br>0.00  | 28.57<br>0.86<br>-0.06  | 27.58<br>0.85<br>-0.03  | 29.09<br>0.87<br>-0.06  | 32.90<br>1.08<br>0.00  | 43.62<br>1.51<br>-5.31  | 48.80<br>1.76<br>-3.07  | 45.41<br>1.17<br>-0.78  | 38.73<br>0.49<br>-0.33  | 41.30<br>0.33<br>-0.29  | 42.35<br>0.33<br>-0.31  | 44.42<br>0.39<br>-1.00  | 49.26<br>0.19<br>-1.11  | 52.02<br>0.25<br>-1.17  | 59.12<br>0.63<br>-1.32  | 78.08<br>1.83<br>0.00  | 111.60<br>4.98<br>-5.01  | 124.88<br>6.69<br>-8.60  | 106.10<br>5.33<br>-8.88  | 73.88<br>3.02<br>-5.24  | 52.65<br>1.99<br>-2.21  | 46.32<br>1.58<br>-0.77 | 40.70<br>1.31<br>-0.75 |
| ETNA_115_KV_TB1_REV_LBMP_C<br>345029 | 34.54<br>0.37<br>-0.53  | 30.05<br>0.33<br>0.12  | 28.22<br>0.30<br>-0.26  | 27.11<br>0.29<br>-0.12  | 28.71<br>0.28<br>-0.27  | 31.88<br>0.32<br>0.26  | 38.96<br>0.55<br>-1.61  | 47.13<br>0.66<br>-2.50  | 46.38<br>0.70<br>-2.24  | 40.08<br>0.42<br>-1.76  | 42.52<br>0.28<br>-1.55  | 43.65<br>0.29<br>-1.66  | 48.86<br>0.47<br>-5.36  | 54.34<br>0.43<br>-5.95  | 57.43<br>0.56<br>-6.28  | 65.07<br>0.80<br>-7.09  | 77.39<br>1.14<br>0.00  | 104.26<br>2.64<br>0.00   | 113.00<br>3.40<br>0.00   | 95.20<br>3.31<br>0.00    | 67.06<br>1.44<br>0.00   | 49.48<br>1.02<br>0.00   | 44.59<br>0.62<br>0.00  | 39.22<br>0.58<br>0.00  |
| ETNA____115KV_TB2<br>80207           | 34.54<br>0.37<br>-0.53  | 30.05<br>0.33<br>0.12  | 28.22<br>0.30<br>-0.26  | 27.11<br>0.29<br>-0.12  | 28.71<br>0.28<br>-0.27  | 31.88<br>0.32<br>0.26  | 38.96<br>0.55<br>-1.61  | 47.13<br>0.66<br>-2.50  | 46.38<br>0.70<br>-2.24  | 40.08<br>0.42<br>-1.76  | 42.52<br>0.28<br>-1.55  | 43.65<br>0.29<br>-1.66  | 48.86<br>0.47<br>-5.36  | 54.34<br>0.43<br>-5.95  | 57.43<br>0.56<br>-6.28  | 65.07<br>0.80<br>-7.09  | 77.39<br>1.14<br>0.00  | 104.26<br>2.64<br>0.00   | 113.00<br>3.40<br>0.00   | 95.20<br>3.31<br>0.00    | 67.06<br>1.44<br>0.00   | 49.48<br>1.02<br>0.00   | 44.59<br>0.62<br>0.00  | 39.22<br>0.58<br>0.00  |
| EUCLID___115KV_TB2<br>356179         | 33.67<br>-0.40<br>-0.43 | 29.20<br>-0.36<br>0.28 | 27.56<br>-0.30<br>-0.21 | 26.47<br>-0.29<br>-0.07 | 28.04<br>-0.34<br>-0.22 | 30.83<br>-0.38<br>0.61 | 37.95<br>-0.33<br>-1.49 | 45.15<br>-0.40<br>-1.58 | 44.22<br>-0.35<br>-1.12 | 39.34<br>-0.34<br>-1.77 | 41.80<br>-0.45<br>-1.56 | 42.91<br>-0.58<br>-1.67 | 48.09<br>-0.34<br>-5.40 | 53.47<br>-0.48<br>-5.99 | 56.52<br>-0.40<br>-6.33 | 60.65<br>-0.40<br>-3.88 | 75.34<br>-0.92<br>0.00 | 100.91<br>-0.71<br>0.00  | 108.94<br>-0.66<br>0.00  | 91.70<br>-0.18<br>0.00   | 64.96<br>-0.66<br>0.00  | 47.98<br>-0.48<br>0.00  | 43.35<br>-0.62<br>0.00 | 38.17<br>-0.46<br>0.00 |
| E_CANADA_CAP_HY<br>24051             | 34.75<br>1.11<br>0.00   | 30.85<br>1.02<br>0.00  | 28.62<br>0.97<br>0.00   | 27.66<br>0.96<br>0.00   | 29.20<br>1.04<br>0.00   | 33.16<br>1.34<br>0.00  | 45.10<br>1.84<br>-6.46  | 49.93<br>1.98<br>-3.98  | 44.80<br>0.87<br>-0.48  | 37.79<br>-0.11<br>0.00  | 40.12<br>-0.57<br>0.00  | 41.12<br>-0.58<br>0.00  | 42.39<br>-0.64<br>0.00  | 47.14<br>-0.82<br>0.00  | 49.83<br>-0.76<br>0.01  | 56.83<br>-0.34<br>0.00  | 77.24<br>0.99<br>0.00  | 112.58<br>4.47<br>-6.49  | 128.09<br>7.34<br>-11.15 | 109.10<br>5.70<br>-11.51 | 75.76<br>3.34<br>-6.80  | 53.51<br>2.18<br>-2.87  | 46.68<br>1.71<br>-0.99 | 41.00<br>1.39<br>-0.98 |
| E_CANADA_MHWK_HY<br>24050            | 34.69<br>1.04<br>0.00   | 30.82<br>0.98<br>0.00  | 28.54<br>0.88<br>0.00   | 27.58<br>0.88<br>0.00   | 29.06<br>0.90<br>0.00   | 32.87<br>1.05<br>0.00  | 38.12<br>1.32<br>0.00   | 45.60<br>1.63<br>0.00   | 45.01<br>1.56<br>0.00   | 39.20<br>1.29<br>0.00   | 42.07<br>1.38<br>0.00   | 43.16<br>1.46<br>0.00   | 44.54<br>1.51<br>0.00   | 49.54<br>1.58<br>0.00   | 52.22<br>1.62<br>0.00   | 59.06<br>1.88<br>0.00   | 78.92<br>2.67<br>0.00  | 105.69<br>4.07<br>0.00   | 114.09<br>4.50<br>0.00   | 95.57<br>3.68<br>0.00    | 67.91<br>2.30<br>0.00   | 50.11<br>1.65<br>0.00   | 45.33<br>1.36<br>0.00  | 39.84<br>1.20<br>0.00  |
| E_FISHKILL___LBMP<br>23776           | 35.26<br>1.61<br>0.00   | 31.24<br>1.40<br>0.00  | 28.84<br>1.19<br>0.00   | 27.87<br>1.17<br>0.00   | 29.31<br>1.15<br>0.00   | 33.16<br>1.34<br>0.00  | 40.62<br>1.77<br>-2.06  | 47.26<br>2.02<br>-1.27  | 46.04<br>2.43<br>-0.15  | 40.07<br>2.16<br>0.00   | 43.13<br>2.44<br>0.00   | 44.08<br>2.38<br>0.00   | 45.53<br>2.50<br>0.00   | 49.93<br>1.97<br>0.00   | 52.67<br>2.07<br>0.00   | 59.52<br>2.34<br>0.00   | 80.29<br>4.04<br>0.00  | 110.12<br>6.40<br>-2.10  | 119.66<br>6.47<br>-3.60  | 100.29<br>4.69<br>-3.72  | 70.44<br>2.62<br>-2.19  | 50.97<br>1.60<br>-0.91  | 46.09<br>1.80<br>-0.32 | 40.61<br>1.66<br>-0.31 |
| FALCON___SEABRD_CC1<br>323796        | 33.64<br>0.00<br>0.00   | 29.72<br>-0.12<br>0.00 | 27.46<br>-0.19<br>0.00  | 26.40<br>-0.29<br>0.00  | 27.93<br>-0.23<br>0.00  | 31.89<br>0.06<br>0.00  | 37.31<br>0.51<br>0.00   | 44.94<br>0.97<br>0.00   | 44.14<br>0.69<br>0.00   | 39.04<br>1.14<br>0.00   | 42.19<br>1.51<br>0.00   | 42.71<br>1.00<br>0.00   | 42.99<br>-0.04<br>0.00  | 46.67<br>-1.29<br>0.00  | 48.22<br>-2.38<br>0.00  | 54.14<br>-3.03<br>0.00  | 72.59<br>-3.66<br>0.00 | 96.44<br>-5.18<br>0.00   | 103.79<br>-5.81<br>0.00  | 86.74<br>-5.14<br>0.00   | 62.47<br>-3.15<br>0.00  | 46.33<br>-2.13<br>0.00  | 43.31<br>-0.66<br>0.00 | 38.29<br>-0.35<br>0.00 |
| FALCON___SEABRD_CC2<br>323797        | 33.64<br>0.00<br>0.00   | 29.72<br>-0.12<br>0.00 | 27.46<br>-0.19<br>0.00  | 26.40<br>-0.29<br>0.00  | 27.93<br>-0.23<br>0.00  | 31.89<br>0.06<br>0.00  | 37.31<br>0.51<br>0.00   | 44.94<br>0.97<br>0.00   | 44.14<br>0.69<br>0.00   | 39.04<br>1.14<br>0.00   | 42.19<br>1.51<br>0.00   | 42.71<br>1.00<br>0.00   | 42.99<br>-0.04<br>0.00  | 46.67<br>-1.29<br>0.00  | 48.22<br>-2.38<br>0.00  | 54.14<br>-3.03<br>0.00  | 72.59<br>-3.66<br>0.00 | 96.44<br>-5.18<br>0.00   | 103.79<br>-5.81<br>0.00  | 86.74<br>-5.14<br>0.00   | 62.47<br>-3.15<br>0.00  | 46.33<br>-2.13<br>0.00  | 43.31<br>-0.66<br>0.00 | 38.29<br>-0.35<br>0.00 |



|                                            |                         |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                        |                         |                        |                         |                        |                         |                         |                         |                        |                        |                        |                        |
|--------------------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| FAR ROCKAWAY___4<br>23548                  | 36.13<br>2.49<br>0.00   | 31.90<br>2.06<br>0.00  | 29.31<br>1.66<br>0.00   | 28.14<br>1.44<br>0.00   | 29.59<br>1.44<br>0.00   | 33.57<br>1.75<br>0.00  | 40.96<br>2.17<br>-2.00  | 47.35<br>2.15<br>-1.22  | 46.20<br>2.61<br>-0.14  | 40.82<br>2.92<br>0.00   | 44.10<br>3.42<br>0.00   | 45.04<br>3.34<br>0.00   | 46.48<br>3.44<br>0.00  | 50.73<br>2.78<br>0.01   | 53.69<br>3.09<br>0.00  | 60.89<br>3.72<br>0.00   | 81.82<br>5.57<br>0.00  | 112.03<br>8.43<br>-1.98 | 121.44<br>8.44<br>-3.41 | 100.59<br>6.25<br>-2.45 | 71.30<br>3.61<br>-2.08 | 51.57<br>2.23<br>-0.88 | 46.47<br>2.20<br>-0.30 | 41.53<br>2.59<br>-0.30 |
| FARRAGUT_138_KV_32071_REV_LBMP_J<br>345003 | 36.00<br>2.35<br>0.00   | 31.90<br>2.06<br>0.00  | 29.31<br>1.66<br>0.00   | 28.27<br>1.58<br>0.00   | 29.71<br>1.55<br>0.00   | 33.64<br>1.81<br>0.00  | 41.04<br>2.24<br>-2.00  | 47.80<br>2.59<br>-1.23  | 46.73<br>3.13<br>-0.15  | 40.79<br>2.88<br>0.00   | 43.90<br>3.21<br>0.00   | 44.92<br>3.21<br>0.00   | 46.43<br>3.40<br>0.00  | 50.84<br>2.88<br>0.00   | 53.64<br>3.04<br>0.00  | 60.49<br>3.32<br>0.00   | 81.74<br>5.49<br>0.00  | 112.14<br>8.54<br>-1.99 | 121.56<br>8.55<br>-3.41 | 101.66<br>6.25<br>-3.52 | 71.24<br>3.54<br>-2.08 | 51.48<br>2.13<br>-0.89 | 46.70<br>2.42<br>-0.31 | 41.14<br>2.20<br>-0.30 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J<br>345016 | 36.03<br>2.39<br>0.00   | 31.90<br>2.06<br>0.00  | 29.34<br>1.69<br>0.00   | 28.27<br>1.58<br>0.00   | 29.71<br>1.55<br>0.00   | 33.64<br>1.81<br>0.00  | 41.04<br>2.24<br>-2.00  | 47.80<br>2.59<br>-1.23  | 46.73<br>3.13<br>-0.15  | 40.79<br>2.88<br>0.00   | 43.90<br>3.21<br>0.00   | 44.92<br>3.21<br>0.00   | 46.43<br>3.40<br>0.00  | 50.84<br>2.88<br>0.00   | 53.64<br>3.04<br>0.00  | 60.49<br>3.32<br>0.00   | 81.74<br>5.49<br>0.00  | 112.14<br>8.54<br>-1.99 | 121.56<br>8.55<br>-3.41 | 101.66<br>6.25<br>-3.52 | 71.24<br>3.54<br>-2.08 | 51.48<br>2.13<br>-0.89 | 46.70<br>2.42<br>-0.31 | 41.14<br>2.20<br>-0.30 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J<br>345017 | 36.00<br>2.35<br>0.00   | 31.87<br>2.03<br>0.00  | 29.31<br>1.66<br>0.00   | 28.24<br>1.55<br>0.00   | 29.68<br>1.52<br>0.00   | 33.64<br>1.81<br>0.00  | 41.04<br>2.24<br>-2.00  | 47.80<br>2.59<br>-1.23  | 46.68<br>3.09<br>-0.15  | 40.75<br>2.84<br>0.00   | 43.90<br>3.21<br>0.00   | 44.92<br>3.21<br>0.00   | 46.39<br>3.36<br>0.00  | 50.84<br>2.88<br>0.00   | 53.58<br>2.99<br>0.00  | 60.49<br>3.32<br>0.00   | 81.66<br>5.41<br>0.00  | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.57<br>6.16<br>-3.52 | 71.17<br>3.48<br>-2.08 | 51.48<br>2.13<br>-0.89 | 46.65<br>2.37<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| FARRAGUT___LBMP<br>323566                  | 35.96<br>2.32<br>0.00   | 31.87<br>2.03<br>0.00  | 29.29<br>1.63<br>0.00   | 28.24<br>1.55<br>0.00   | 29.68<br>1.52<br>0.00   | 33.60<br>1.78<br>0.00  | 41.00<br>2.21<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.64<br>3.04<br>-0.15  | 40.71<br>2.81<br>0.00   | 43.86<br>3.17<br>0.00   | 44.88<br>3.17<br>0.00   | 46.35<br>3.31<br>0.00  | 50.79<br>2.83<br>0.00   | 53.53<br>2.93<br>0.00  | 60.43<br>3.26<br>0.00   | 81.59<br>5.34<br>0.00  | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.17<br>3.48<br>-2.08 | 51.43<br>2.08<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| FENNER___WINDPWR<br>24204                  | 34.53<br>0.51<br>-0.39  | 30.18<br>0.48<br>0.13  | 28.31<br>0.47<br>-0.19  | 27.23<br>0.45<br>-0.08  | 28.84<br>0.48<br>-0.20  | 32.14<br>0.60<br>0.29  | 38.93<br>0.92<br>-1.21  | 47.83<br>1.28<br>-2.58  | 45.77<br>1.13<br>-1.19  | 39.60<br>0.76<br>-0.93  | 42.32<br>0.81<br>-0.82  | 43.35<br>0.79<br>-0.85  | 46.81<br>0.95<br>-2.83 | 51.72<br>0.86<br>-2.90  | 54.69<br>0.96<br>-3.13 | 62.40<br>1.32<br>-3.91  | 78.08<br>1.83<br>0.00  | 104.97<br>3.35<br>0.00  | 113.76<br>4.16<br>0.00  | 95.66<br>3.77<br>0.00   | 67.72<br>2.10<br>0.00  | 49.87<br>1.41<br>0.00  | 44.94<br>0.97<br>0.00  | 39.45<br>0.81<br>0.00  |
| FIBERTEK___ENERGY<br>23856                 | 34.44<br>-0.13<br>-0.93 | 29.72<br>-0.12<br>0.00 | 28.02<br>-0.08<br>-0.45 | 26.84<br>-0.11<br>-0.25 | 28.52<br>-0.11<br>-0.48 | 31.69<br>-0.13<br>0.00 | 39.41<br>0.00<br>-2.61  | 48.11<br>0.04<br>-4.09  | 46.82<br>0.09<br>-3.28  | 40.48<br>0.00<br>-2.58  | 42.88<br>-0.08<br>-2.27 | 44.05<br>-0.08<br>-2.43 | 50.93<br>0.04<br>-7.86 | 56.63<br>-0.05<br>-8.72 | 59.86<br>0.05<br>-9.21 | 67.75<br>0.17<br>-10.41 | 76.25<br>0.00<br>0.00  | 102.13<br>0.51<br>0.00  | 110.37<br>0.77<br>0.00  | 92.99<br>1.10<br>0.00   | 65.81<br>0.20<br>0.00  | 48.56<br>0.10<br>0.00  | 43.84<br>-0.13<br>0.00 | 38.56<br>-0.08<br>0.00 |
| FITZPATRICK___<br>23598                    | 27.69<br>-0.91<br>5.05  | 29.03<br>-0.80<br>0.00 | 24.47<br>-0.75<br>2.44  | 24.63<br>-0.72<br>1.35  | 24.80<br>-0.76<br>2.60  | 30.96<br>-0.86<br>0.00 | 21.67<br>-0.92<br>14.21 | 14.78<br>-1.10<br>28.09 | 24.86<br>-1.00<br>17.60 | 23.14<br>-0.95<br>13.82 | 27.52<br>-0.98<br>12.19 | 27.70<br>-1.00<br>13.01 | 0.00<br>-0.91<br>42.13 | 0.00<br>-1.20<br>46.76  | 0.00<br>-1.21<br>49.38 | 0.00<br>-1.37<br>55.80  | 74.20<br>-2.06<br>0.00 | 99.28<br>-2.33<br>0.00  | 107.19<br>-2.41<br>0.00 | 90.14<br>-1.75<br>0.00  | 64.04<br>-1.58<br>0.00 | 47.30<br>-1.16<br>0.00 | 42.83<br>-1.14<br>0.00 | 37.63<br>-1.00<br>0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G<br>345010 | 35.59<br>1.95<br>0.00   | 31.54<br>1.70<br>0.00  | 29.09<br>1.44<br>0.00   | 28.11<br>1.41<br>0.00   | 29.56<br>1.41<br>0.00   | 33.48<br>1.65<br>0.00  | 40.58<br>2.13<br>-1.65  | 47.54<br>2.55<br>-1.02  | 46.44<br>2.87<br>-0.12  | 40.41<br>2.50<br>0.00   | 43.45<br>2.77<br>0.00   | 44.42<br>2.71<br>0.00   | 45.92<br>2.88<br>0.00  | 50.50<br>2.54<br>0.00   | 53.28<br>2.68<br>0.00  | 60.32<br>3.14<br>0.00   | 81.51<br>5.26<br>0.00  | 111.37<br>8.23<br>-1.52 | 120.99<br>8.77<br>-2.62 | 101.21<br>6.62<br>-2.70 | 70.89<br>3.67<br>-1.60 | 51.52<br>2.33<br>-0.73 | 46.55<br>2.33<br>-0.25 | 40.97<br>2.09<br>-0.25 |
| FORT ORANGE___<br>23900                    | 34.08<br>0.44<br>0.00   | 30.29<br>0.45<br>0.00  | 28.04<br>0.39<br>0.00   | 27.10<br>0.40<br>0.00   | 28.58<br>0.42<br>0.00   | 32.30<br>0.48<br>0.00  | -1.87<br>0.92<br>39.59  | 20.47<br>0.88<br>24.38  | 41.33<br>0.78<br>2.90   | 38.44<br>0.53<br>0.00   | 41.04<br>0.41<br>0.05   | 41.95<br>0.37<br>0.13   | 43.03<br>0.22<br>0.22  | 47.32<br>-0.05<br>0.59  | 49.74<br>-0.05<br>0.81 | 56.02<br>0.17<br>1.32   | 76.55<br>1.07<br>0.77  | 63.50<br>2.34<br>40.46  | 44.29<br>2.63<br>67.94  | 23.66<br>1.93<br>70.16  | 25.03<br>0.85<br>41.44 | 31.33<br>0.44<br>17.56 | 38.32<br>0.44<br>6.09  | 33.08<br>0.43<br>5.99  |
| FORT_DRUM_COGEN<br>23780                   | 34.61<br>0.34<br>-0.64  | 30.23<br>0.39<br>0.00  | 28.35<br>0.39<br>-0.31  | 27.24<br>0.37<br>-0.17  | 28.85<br>0.37<br>-0.33  | 32.43<br>0.60<br>0.00  | 39.70<br>1.10<br>-1.79  | 48.64<br>1.67<br>-2.99  | 46.66<br>0.96<br>-2.25  | 40.09<br>0.42<br>-1.77  | 42.73<br>0.49<br>-1.56  | 44.00<br>0.63<br>-1.67  | 48.94<br>0.52<br>-5.39 | 54.47<br>0.53<br>-5.98  | 57.32<br>0.40<br>-6.32 | 65.11<br>0.80<br>-7.14  | 77.62<br>1.37<br>0.00  | 105.58<br>3.96<br>0.00  | 114.86<br>5.26<br>0.00  | 96.76<br>4.87<br>0.00   | 68.57<br>2.95<br>0.00  | 50.64<br>2.18<br>0.00  | 45.20<br>1.23<br>0.00  | 39.57<br>0.93<br>0.00  |
| FOX_HILLS___ESR<br>323835                  | 36.04<br>2.39<br>-0.01  | 31.87<br>2.03<br>-0.01 | 29.35<br>1.69<br>-0.01  | 28.28<br>1.58<br>-0.01  | 29.74<br>1.58<br>-0.01  | 33.71<br>1.88<br>-0.01 | 41.00<br>2.21<br>-2.00  | 47.58<br>2.37<br>-1.23  | 46.51<br>2.91<br>-0.15  | 40.63<br>2.73<br>0.00   | 43.74<br>3.05<br>0.00   | 44.79<br>3.09<br>0.00   | 46.35<br>3.31<br>0.00  | 50.65<br>2.69<br>0.00   | 53.38<br>2.78<br>0.00  | 60.03<br>2.86<br>0.00   | 81.28<br>5.03<br>0.00  | 111.73<br>8.13<br>-1.99 | 121.01<br>8.00<br>-3.41 | 101.11<br>5.70<br>-3.52 | 70.78<br>3.08<br>-2.08 | 51.14<br>1.79<br>-0.89 | 46.70<br>2.42<br>-0.31 | 41.22<br>2.28<br>-0.30 |
| FPL_FAR_ROCK_GT1<br>24212                  | 36.13<br>2.49<br>0.00   | 31.89<br>2.06<br>0.00  | 29.31<br>1.66<br>0.00   | 28.14<br>1.44<br>0.00   | 29.59<br>1.44<br>0.00   | 33.57<br>1.75<br>0.00  | 40.96<br>2.17<br>-2.00  | 47.35<br>2.15<br>-1.22  | 46.04<br>2.43<br>-0.16  | 40.75<br>2.84<br>0.00   | 43.70<br>3.01<br>0.00   | 44.54<br>2.84<br>0.00   | 45.83<br>2.80<br>0.00  | 50.78<br>2.83<br>0.01   | 53.71<br>3.09<br>-0.02 | 60.83<br>3.66<br>0.00   | 81.81<br>5.56<br>0.00  | 112.03<br>8.43<br>-1.98 | 121.33<br>8.33<br>-3.41 | 100.49<br>6.16<br>-2.45 | 71.30<br>3.61<br>-2.08 | 51.57<br>2.23<br>-0.88 | 46.42<br>2.15<br>-0.30 | 41.53<br>2.59<br>-0.30 |
| FPL_FAR_ROCK_GT2<br>23815                  | 36.13<br>2.49<br>0.00   | 31.89<br>2.06<br>0.00  | 29.31<br>1.66<br>0.00   | 28.14<br>1.44<br>0.00   | 29.59<br>1.44<br>0.00   | 33.57<br>1.75<br>0.00  | 40.96<br>2.17<br>-2.00  | 47.35<br>2.15<br>-1.22  | 46.04<br>2.43<br>-0.16  | 40.75<br>2.84<br>0.00   | 43.70<br>3.01<br>0.00   | 44.54<br>2.84<br>0.00   | 45.83<br>2.80<br>0.00  | 50.78<br>2.83<br>0.01   | 53.71<br>3.09<br>-0.02 | 60.83<br>3.66<br>0.00   | 81.81<br>5.56<br>0.00  | 112.03<br>8.43<br>-1.98 | 121.33<br>8.33<br>-3.41 | 100.49<br>6.16<br>-2.45 | 71.30<br>3.61<br>-2.08 | 51.57<br>2.23<br>-0.88 | 46.42<br>2.15<br>-0.30 | 41.53<br>2.59<br>-0.30 |
| FRANKLIN_FALL_HYD<br>24054                 | 33.78<br>0.13<br>0.00   | 29.93<br>0.09<br>0.00  | 27.68<br>0.03<br>0.00   | 26.59<br>-0.11<br>0.00  | 28.16<br>0.00<br>0.00   | 32.08<br>0.25<br>0.00  | 37.57<br>0.77<br>0.00   | 45.16<br>1.19<br>0.00   | 44.23<br>0.78<br>0.00   | 38.93<br>1.02<br>0.00   | 41.95<br>1.26<br>0.00   | 43.37<br>1.67<br>0.00   | 44.07<br>1.03<br>0.00  | 49.02<br>1.06<br>0.00   | 50.90<br>0.30<br>0.00  | 56.71<br>-0.46<br>0.00  | 75.87<br>-0.38<br>0.00 | 100.91<br>-0.71<br>0.00 | 108.72<br>-0.88<br>0.00 | 91.34<br>-0.55<br>0.00  | 66.01<br>0.39<br>0.00  | 48.61<br>0.15<br>0.00  | 44.37<br>0.40<br>0.00  | 38.72<br>0.08<br>0.00  |



|                               |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                        |                          |                          |                          |                         |                         |                        |                        |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| FREPORT_EQUS_GT1<br>23764     | 35.86<br>2.22<br>0.00   | 31.69<br>1.85<br>0.00   | 29.12<br>1.46<br>0.00   | 27.95<br>1.25<br>0.00   | 29.39<br>1.24<br>0.00   | 33.32<br>1.50<br>0.00   | 40.74<br>1.95<br>-2.00  | 47.00<br>1.80<br>-1.22  | 45.69<br>2.09<br>-0.16  | 40.48<br>2.58<br>0.00   | 43.37<br>2.68<br>0.00   | 44.17<br>2.46<br>0.00   | 45.40<br>2.37<br>0.00    | 50.30<br>2.35<br>0.01    | 53.15<br>2.53<br>-0.02   | 60.26<br>3.09<br>0.00    | 80.44<br>4.19<br>0.00  | 110.30<br>6.71<br>-1.98  | 119.47<br>6.46<br>-3.41  | 92.46<br>4.50<br>3.93    | 70.12<br>2.43<br>-2.08  | 51.13<br>1.79<br>-0.88  | 46.03<br>1.76<br>-0.30 | 41.26<br>2.32<br>-0.30 |
| FREEPORT___CT2<br>23818       | 35.86<br>2.22<br>0.00   | 31.69<br>1.85<br>0.00   | 29.12<br>1.46<br>0.00   | 27.95<br>1.25<br>0.00   | 29.39<br>1.24<br>0.00   | 33.32<br>1.50<br>0.00   | 40.74<br>1.95<br>-2.00  | 47.00<br>1.80<br>-1.22  | 45.69<br>2.09<br>-0.16  | 40.48<br>2.58<br>0.00   | 43.37<br>2.68<br>0.00   | 44.17<br>2.46<br>0.00   | 45.40<br>2.37<br>0.00    | 50.30<br>2.35<br>0.01    | 53.15<br>2.53<br>-0.02   | 60.26<br>3.09<br>0.00    | 80.44<br>4.19<br>0.00  | 110.30<br>6.71<br>-1.98  | 119.47<br>6.46<br>-3.41  | 92.46<br>4.50<br>3.93    | 70.12<br>2.43<br>-2.08  | 51.13<br>1.79<br>-0.88  | 46.03<br>1.76<br>-0.30 | 41.26<br>2.32<br>-0.30 |
| FRESHKLS_33_KV_LOAD<br>356253 | 36.00<br>2.35<br>-0.01  | 31.87<br>2.03<br>-0.01  | 29.35<br>1.69<br>-0.01  | 28.28<br>1.58<br>-0.01  | 29.74<br>1.58<br>-0.01  | 33.71<br>1.88<br>-0.01  | 40.88<br>2.10<br>-1.99  | 47.44<br>2.24<br>-1.22  | 46.37<br>2.78<br>-0.14  | 40.51<br>2.62<br>0.01   | 43.65<br>2.97<br>0.01   | 44.66<br>2.96<br>0.01   | 46.21<br>3.18<br>0.01    | 50.54<br>2.59<br>0.01    | 53.22<br>2.63<br>0.01    | 59.91<br>2.74<br>0.01    | 81.12<br>4.88<br>0.01  | 111.52<br>7.93<br>-1.98  | 120.89<br>7.89<br>-3.40  | 101.01<br>5.61<br>-3.52  | 70.71<br>3.02<br>-2.07  | 51.03<br>1.70<br>-0.88  | 46.64<br>2.37<br>-0.30 | 41.13<br>2.20<br>-0.29 |
| FULTON COGEN____<br>23766     | 34.78<br>-0.50<br>-1.64 | 29.78<br>-0.42<br>-0.36 | 28.06<br>-0.39<br>-0.79 | 26.83<br>-0.37<br>-0.50 | 28.58<br>-0.42<br>-0.84 | 32.17<br>-0.45<br>-0.80 | 40.67<br>-0.40<br>-4.28 | 51.12<br>-0.44<br>-7.59 | 49.33<br>-0.39<br>-6.27 | 41.25<br>-0.42<br>-3.76 | 43.48<br>-0.53<br>-3.32 | 44.71<br>-0.54<br>-3.54 | 54.02<br>-0.47<br>-11.46 | 60.11<br>-0.58<br>-12.72 | 63.48<br>-0.56<br>-13.44 | 76.12<br>-0.51<br>-19.47 | 75.34<br>-0.92<br>0.00 | 100.91<br>-0.71<br>0.00  | 108.94<br>-0.66<br>0.00  | 91.80<br>-0.09<br>0.00   | 65.03<br>-0.59<br>0.00  | 47.98<br>-0.48<br>0.00  | 43.35<br>-0.62<br>0.00 | 38.14<br>-0.50<br>0.00 |
| FULTON___LFGE<br>323630       | 35.02<br>1.38<br>0.00   | 31.09<br>1.25<br>0.00   | 28.87<br>1.22<br>0.00   | 27.90<br>1.20<br>0.00   | 29.43<br>1.27<br>0.00   | 33.44<br>1.62<br>0.00   | 46.07<br>2.13<br>-7.14  | 50.70<br>2.33<br>-4.40  | 45.19<br>1.21<br>-0.53  | 37.98<br>0.08<br>0.00   | 40.20<br>-0.49<br>0.00  | 41.08<br>-0.62<br>0.00  | 42.30<br>-0.73<br>0.00   | 47.05<br>-0.91<br>0.00   | 49.88<br>-0.71<br>0.01   | 57.06<br>-0.11<br>0.00   | 77.78<br>1.52<br>0.00  | 113.97<br>5.18<br>-7.17  | 129.91<br>8.00<br>-12.32 | 110.77<br>6.16<br>-12.72 | 76.93<br>3.80<br>-7.51  | 54.10<br>2.47<br>-3.17  | 47.09<br>2.02<br>-1.10 | 41.38<br>1.66<br>-1.08 |
| G.F.CEMENT___DRP<br>24184     | 34.82<br>1.18<br>0.00   | 30.97<br>1.13<br>0.00   | 28.76<br>1.11<br>0.00   | 27.76<br>1.07<br>0.00   | 29.31<br>1.15<br>0.00   | 33.16<br>1.34<br>0.00   | 51.97<br>1.80<br>-13.37 | 54.27<br>2.07<br>-8.23  | 46.21<br>1.78<br>-0.98  | 38.89<br>0.99<br>0.00   | 41.42<br>0.73<br>0.00   | 42.42<br>0.71<br>0.00   | 43.76<br>0.73<br>0.00    | 48.44<br>0.48<br>0.00    | 51.31<br>0.71<br>0.00    | 58.31<br>1.14<br>0.00    | 79.00<br>2.75<br>0.00  | 120.11<br>5.08<br>-13.41 | 138.98<br>6.36<br>-23.03 | 120.45<br>4.78<br>-23.78 | 82.55<br>2.89<br>-14.04 | 56.23<br>1.84<br>-5.93  | 47.65<br>1.63<br>-2.06 | 42.01<br>1.35<br>-2.02 |
| GARDENVILLE___LBMP<br>24039   | 32.78<br>-0.94<br>-0.08 | 28.52<br>-0.90<br>0.43  | 26.76<br>-0.94<br>-0.04 | 25.94<br>-0.69<br>0.06  | 27.33<br>-0.87<br>-0.04 | 29.76<br>-1.11<br>0.95  | 35.52<br>-1.91<br>-0.63 | 41.49<br>-2.99<br>-0.51 | 40.94<br>-2.74<br>-0.23 | 36.92<br>-2.27<br>-1.29 | 39.38<br>-2.44<br>-1.13 | 40.62<br>-2.29<br>-1.21 | 45.23<br>-1.72<br>-3.92  | 50.92<br>-1.39<br>-4.35  | 53.52<br>-1.67<br>-4.60  | 55.73<br>-2.57<br>-1.13  | 71.52<br>-4.73<br>0.00 | 95.93<br>-5.69<br>0.00   | 105.54<br>-4.06<br>0.00  | 89.59<br>-2.30<br>0.00   | 62.07<br>-3.54<br>0.00  | 46.72<br>-1.74<br>0.00  | 42.04<br>-1.93<br>0.00 | 37.63<br>-1.00<br>0.00 |
| GARDNVLA_35_KV_LD<br>355827   | 32.96<br>-0.74<br>-0.05 | 28.65<br>-0.75<br>0.44  | 26.88<br>-0.80<br>-0.03 | 26.10<br>-0.53<br>0.07  | 27.46<br>-0.73<br>-0.03 | 29.91<br>-0.92<br>0.99  | 35.69<br>-1.69<br>-0.59 | 41.71<br>-2.68<br>-0.42 | 41.25<br>-2.35<br>-0.15 | 37.24<br>-1.93<br>-1.27 | 39.73<br>-2.08<br>-1.12 | 40.98<br>-1.92<br>-1.20 | 45.61<br>-1.29<br>-3.87  | 51.29<br>-0.96<br>-4.29  | 53.92<br>-1.21<br>-4.53  | 56.01<br>-2.06<br>-0.89  | 72.13<br>-4.12<br>0.00 | 96.64<br>-4.98<br>0.00   | 106.31<br>-3.29<br>0.00  | 90.33<br>-1.56<br>0.00   | 62.60<br>-3.02<br>0.00  | 47.10<br>-1.36<br>0.00  | 42.39<br>-1.58<br>0.00 | 37.90<br>-0.73<br>0.00 |
| GELCKHM___115KV_LOAD<br>80723 | 33.94<br>-0.30<br>-0.61 | 29.38<br>-0.27<br>0.19  | 27.73<br>-0.22<br>-0.29 | 26.61<br>-0.21<br>-0.13 | 28.22<br>-0.25<br>-0.31 | 31.12<br>-0.29<br>0.41  | 38.46<br>-0.22<br>-1.89 | 46.22<br>-0.22<br>-2.47 | 45.16<br>-0.17<br>-1.89 | 39.75<br>-0.23<br>-2.07 | 42.23<br>-0.28<br>-1.82 | 43.36<br>-0.29<br>-1.95 | 49.12<br>-0.22<br>-6.30  | 54.67<br>-0.29<br>-6.99  | 57.73<br>-0.25<br>-7.39  | 63.20<br>-0.17<br>-6.20  | 75.72<br>-0.53<br>0.00 | 101.31<br>-0.30<br>0.00  | 109.49<br>-0.11<br>0.00  | 92.16<br>0.28<br>0.00    | 65.29<br>-0.33<br>0.00  | 48.17<br>-0.29<br>0.00  | 43.53<br>-0.44<br>0.00 | 38.33<br>-0.31<br>0.00 |
| GENERAL___MILLS<br>23808      | 32.86<br>-0.84<br>-0.06 | 28.59<br>-0.81<br>0.44  | 26.83<br>-0.86<br>-0.03 | 26.02<br>-0.61<br>0.06  | 27.40<br>-0.79<br>-0.03 | 29.82<br>-1.02<br>0.98  | 35.59<br>-1.80<br>-0.59 | 41.55<br>-2.86<br>-0.44 | 41.09<br>-2.52<br>-0.16 | 37.09<br>-2.08<br>-1.27 | 39.57<br>-2.24<br>-1.12 | 40.82<br>-2.09<br>-1.20 | 45.40<br>-1.51<br>-3.88  | 51.11<br>-1.15<br>-4.30  | 53.68<br>-1.47<br>-4.54  | 55.81<br>-2.29<br>-0.93  | 71.75<br>-4.50<br>0.00 | 96.13<br>-5.49<br>0.00   | 105.76<br>-3.84<br>0.00  | 89.87<br>-2.02<br>0.00   | 62.27<br>-3.35<br>0.00  | 46.86<br>-1.60<br>0.00  | 42.21<br>-1.76<br>0.00 | 37.75<br>-0.89<br>0.00 |
| GE_PLASTICS___DRP<br>24183    | 33.78<br>0.13<br>0.00   | 30.02<br>0.18<br>0.00   | 27.79<br>0.14<br>0.00   | 26.86<br>0.16<br>0.00   | 28.33<br>0.17<br>0.00   | 31.98<br>0.16<br>0.00   | 12.88<br>0.48<br>24.39  | 29.34<br>0.40<br>15.02  | 42.05<br>0.39<br>1.79   | 38.17<br>0.27<br>0.00   | 40.34<br>0.28<br>0.63   | 40.26<br>0.17<br>1.61   | 40.39<br>0.17<br>2.81    | 40.17<br>-0.34<br>7.45   | 40.28<br>-0.30<br>10.02  | 40.22<br>-0.23<br>16.72  | 66.85<br>0.31<br>9.71  | 66.85<br>0.91<br>35.68   | 68.73<br>0.99<br>41.85   | 49.31<br>0.64<br>43.22   | 40.22<br>0.13<br>25.53  | 37.59<br>-0.05<br>10.82 | 40.26<br>0.04<br>3.75  | 35.03<br>0.08<br>3.69  |
| GILBOA___1<br>23756           | 34.48<br>0.84<br>0.00   | 30.58<br>0.75<br>0.00   | 28.40<br>0.75<br>0.00   | 27.42<br>0.72<br>0.00   | 28.89<br>0.73<br>0.00   | 32.52<br>0.70<br>0.00   | 37.79<br>0.99<br>0.00   | 45.07<br>1.10<br>0.00   | 44.63<br>1.17<br>0.00   | 38.97<br>1.06<br>0.00   | 41.79<br>1.10<br>0.00   | 42.83<br>1.13<br>0.00   | 44.15<br>1.12<br>0.00    | 48.87<br>0.91<br>0.00    | 51.52<br>0.91<br>-0.01   | 58.31<br>1.14<br>0.00    | 78.31<br>2.06<br>0.00  | 104.66<br>3.05<br>0.00   | 112.44<br>2.84<br>0.00   | 93.82<br>1.93<br>0.00    | 66.66<br>1.05<br>0.00   | 49.23<br>0.77<br>0.00   | 44.89<br>0.92<br>0.00  | 39.49<br>0.85<br>0.00  |
| GILBOA___2<br>23757           | 34.48<br>0.84<br>0.00   | 30.58<br>0.75<br>0.00   | 28.40<br>0.75<br>0.00   | 27.42<br>0.72<br>0.00   | 28.89<br>0.73<br>0.00   | 32.52<br>0.70<br>0.00   | 37.79<br>0.99<br>0.00   | 45.07<br>1.10<br>0.00   | 44.63<br>1.17<br>0.00   | 38.97<br>1.06<br>0.00   | 41.79<br>1.10<br>0.00   | 42.83<br>1.13<br>0.00   | 44.15<br>1.12<br>0.00    | 48.87<br>0.91<br>0.00    | 51.52<br>0.91<br>-0.01   | 58.31<br>1.14<br>0.00    | 78.31<br>2.06<br>0.00  | 104.66<br>3.05<br>0.00   | 112.44<br>2.84<br>0.00   | 93.82<br>1.93<br>0.00    | 66.66<br>1.05<br>0.00   | 49.23<br>0.77<br>0.00   | 44.89<br>0.92<br>0.00  | 39.49<br>0.85<br>0.00  |
| GILBOA___3<br>23758           | 34.48<br>0.84<br>0.00   | 30.58<br>0.75<br>0.00   | 28.40<br>0.75<br>0.00   | 27.42<br>0.72<br>0.00   | 28.89<br>0.73<br>0.00   | 32.52<br>0.70<br>0.00   | 37.79<br>0.99<br>0.00   | 45.07<br>1.10<br>0.00   | 44.63<br>1.17<br>0.00   | 38.97<br>1.06<br>0.00   | 41.79<br>1.10<br>0.00   | 42.83<br>1.13<br>0.00   | 44.15<br>1.12<br>0.00    | 48.87<br>0.91<br>0.00    | 51.52<br>0.91<br>-0.01   | 58.31<br>1.14<br>0.00    | 78.31<br>2.06<br>0.00  | 104.66<br>3.05<br>0.00   | 112.44<br>2.84<br>0.00   | 93.82<br>1.93<br>0.00    | 66.66<br>1.05<br>0.00   | 49.23<br>0.77<br>0.00   | 44.89<br>0.92<br>0.00  | 39.49<br>0.85<br>0.00  |
| GILBOA___4<br>23759           | 34.48<br>0.84<br>0.00   | 30.58<br>0.75<br>0.00   | 28.40<br>0.75<br>0.00   | 27.42<br>0.72<br>0.00   | 28.89<br>0.73<br>0.00   | 32.52<br>0.70<br>0.00   | 37.79<br>0.99<br>0.00   | 45.07<br>1.10<br>0.00   | 44.63<br>1.17<br>0.00   | 38.97<br>1.06<br>0.00   | 41.79<br>1.10<br>0.00   | 42.83<br>1.13<br>0.00   | 44.15<br>1.12<br>0.00    | 48.87<br>0.91<br>0.00    | 51.52<br>0.91<br>-0.01   | 58.31<br>1.14<br>0.00    | 78.31<br>2.06<br>0.00  | 104.66<br>3.05<br>0.00   | 112.44<br>2.84<br>0.00   | 93.82<br>1.93<br>0.00    | 66.66<br>1.05<br>0.00   | 49.23<br>0.77<br>0.00   | 44.89<br>0.92<br>0.00  | 39.49<br>0.85<br>0.00  |



|                                        |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                         |                         |                        |                        |                        |                        |
|----------------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| GILBOA____<br>23599                    | 34.48<br>0.84<br>0.00   | 30.58<br>0.75<br>0.00  | 28.40<br>0.75<br>0.00   | 27.42<br>0.72<br>0.00  | 28.89<br>0.73<br>0.00   | 32.52<br>0.70<br>0.00  | 37.79<br>0.99<br>0.00   | 45.07<br>1.10<br>0.00   | 44.67<br>1.22<br>0.00   | 39.00<br>1.10<br>0.00   | 41.91<br>1.22<br>0.00   | 42.87<br>1.17<br>0.00   | 44.28<br>1.25<br>0.00   | 48.82<br>0.86<br>0.00   | 51.51<br>0.91<br>0.00   | 58.26<br>1.09<br>0.00   | 78.31<br>2.06<br>0.00  | 104.67<br>3.05<br>0.00  | 112.45<br>2.85<br>0.00  | 93.82<br>1.93<br>0.00   | 66.67<br>1.05<br>0.00  | 49.24<br>0.78<br>0.00  | 44.89<br>0.92<br>0.00  | 39.49<br>0.85<br>0.00  |
| GINNA____<br>23603                     | 31.66<br>-1.98<br>0.00  | 27.53<br>-1.79<br>0.52 | 26.03<br>-1.63<br>-0.01 | 25.03<br>-1.58<br>0.09 | 26.53<br>-1.63<br>-0.01 | 28.79<br>-1.88<br>1.15 | 35.13<br>-2.17<br>-0.51 | 42.83<br>-3.30<br>-2.15 | 40.51<br>-2.87<br>0.07  | 35.31<br>-2.54<br>0.06  | 38.18<br>-2.44<br>0.07  | 39.43<br>-2.25<br>0.02  | 41.12<br>-1.72<br>0.19  | 44.50<br>-2.44<br>1.02  | 47.42<br>-2.33<br>0.86  | 54.06<br>-3.37<br>-0.26 | 70.99<br>-5.26<br>0.00 | 95.62<br>-6.00<br>0.00  | 103.46<br>-6.14<br>0.00 | 87.85<br>-4.04<br>0.00  | 61.55<br>-4.07<br>0.00 | 45.79<br>-2.67<br>0.00 | 41.29<br>-2.68<br>0.00 | 36.36<br>-2.28<br>0.00 |
| GLEN PARK____<br>23778                 | 34.78<br>0.47<br>-0.67  | 30.38<br>0.54<br>0.00  | 28.50<br>0.52<br>-0.32  | 27.36<br>0.48<br>-0.18 | 28.98<br>0.48<br>-0.34  | 32.55<br>0.73<br>0.00  | 39.96<br>1.29<br>-1.88  | 49.66<br>1.93<br>-3.76  | 46.98<br>1.17<br>-2.36  | 40.29<br>0.53<br>-1.85  | 42.97<br>0.65<br>-1.63  | 43.94<br>0.75<br>-1.48  | 49.36<br>0.69<br>-5.64  | 54.84<br>0.62<br>-6.26  | 57.77<br>0.56<br>-6.61  | 65.67<br>1.03<br>-7.47  | 77.93<br>1.68<br>0.00  | 105.48<br>3.86<br>0.00  | 115.62<br>6.02<br>0.00  | 97.49<br>5.61<br>0.00   | 69.03<br>3.41<br>0.00  | 50.93<br>2.47<br>0.00  | 45.47<br>1.50<br>0.00  | 39.76<br>1.12<br>0.00  |
| GLENDALE_27_KV_LOAD<br>356172          | 36.24<br>2.59<br>-0.01  | 32.11<br>2.27<br>-0.01 | 29.52<br>1.85<br>-0.01  | 28.47<br>1.76<br>-0.01 | 29.91<br>1.75<br>-0.01  | 33.87<br>2.04<br>-0.01 | 41.33<br>2.54<br>-2.00  | 47.97<br>2.77<br>-1.23  | 46.90<br>3.30<br>-0.15  | 41.01<br>3.11<br>0.00   | 44.10<br>3.42<br>0.00   | 45.13<br>3.42<br>0.00   | 46.69<br>3.66<br>0.00   | 51.03<br>3.07<br>0.00   | 53.79<br>3.19<br>0.00   | 60.54<br>3.37<br>0.00   | 81.89<br>5.64<br>0.00  | 112.45<br>8.84<br>-1.99 | 121.89<br>8.88<br>-3.41 | 101.84<br>6.43<br>-3.52 | 71.31<br>3.61<br>-2.08 | 51.53<br>2.18<br>-0.89 | 46.96<br>2.68<br>-0.31 | 41.45<br>2.51<br>-0.30 |
| GLENWOOD_IC_1_G5<br>23712              | 35.86<br>2.22<br>0.00   | 31.72<br>1.88<br>0.00  | 29.18<br>1.52<br>0.00   | 28.06<br>1.36<br>0.00  | 29.51<br>1.35<br>0.00   | 33.44<br>1.62<br>0.00  | 40.85<br>2.06<br>-2.00  | 47.35<br>2.15<br>-1.22  | 46.24<br>2.65<br>-0.14  | 40.63<br>2.73<br>0.00   | 43.86<br>3.17<br>0.00   | 44.79<br>3.09<br>0.00   | 46.22<br>3.18<br>0.00   | 50.55<br>2.59<br>0.00   | 53.03<br>2.43<br>0.00   | 60.03<br>2.86<br>0.00   | 80.83<br>4.58<br>0.00  | 110.72<br>7.11<br>-1.98 | 120.02<br>7.01<br>-3.41 | 96.50<br>5.05<br>0.44   | 70.45<br>2.76<br>-2.08 | 50.99<br>1.65<br>-0.88 | 46.34<br>2.07<br>-0.30 | 41.18<br>2.24<br>-0.30 |
| GLENWOOD_IC_2_G1<br>23688              | 35.76<br>2.12<br>0.00   | 31.63<br>1.79<br>0.00  | 29.12<br>1.46<br>0.00   | 28.03<br>1.33<br>0.00  | 29.45<br>1.30<br>0.00   | 33.38<br>1.56<br>0.00  | 40.78<br>1.99<br>-2.00  | 47.36<br>2.15<br>-1.23  | 46.09<br>2.48<br>-0.17  | 40.48<br>2.58<br>0.00   | 43.37<br>2.68<br>0.00   | 44.34<br>2.63<br>0.00   | 45.66<br>2.63<br>0.00   | 50.45<br>2.49<br>0.00   | 53.15<br>2.53<br>-0.02  | 60.14<br>2.97<br>0.00   | 80.98<br>4.73<br>0.00  | 111.02<br>7.41<br>-1.99 | 120.47<br>7.46<br>-3.41 | 100.80<br>5.42<br>-3.49 | 70.72<br>3.02<br>-2.08 | 51.19<br>1.84<br>-0.89 | 46.21<br>1.93<br>-0.31 | 41.03<br>2.09<br>-0.30 |
| GLENWOOD_IC_3_G1<br>23689              | 35.76<br>2.12<br>0.00   | 31.63<br>1.79<br>0.00  | 29.12<br>1.46<br>0.00   | 28.03<br>1.33<br>0.00  | 29.45<br>1.30<br>0.00   | 33.38<br>1.56<br>0.00  | 40.78<br>1.99<br>-2.00  | 47.36<br>2.15<br>-1.23  | 46.09<br>2.48<br>-0.17  | 40.48<br>2.58<br>0.00   | 43.37<br>2.68<br>0.00   | 44.34<br>2.63<br>0.00   | 45.66<br>2.63<br>0.00   | 50.45<br>2.49<br>0.00   | 53.15<br>2.53<br>-0.02  | 60.14<br>2.97<br>0.00   | 80.98<br>4.73<br>0.00  | 111.02<br>7.41<br>-1.99 | 120.47<br>7.46<br>-3.41 | 100.80<br>5.42<br>-3.49 | 70.72<br>3.02<br>-2.08 | 51.19<br>1.84<br>-0.89 | 46.21<br>1.93<br>-0.31 | 41.03<br>2.09<br>-0.30 |
| GLENWOOD____4<br>23550                 | 35.86<br>2.22<br>0.00   | 31.72<br>1.88<br>0.00  | 29.18<br>1.52<br>0.00   | 28.06<br>1.36<br>0.00  | 29.51<br>1.35<br>0.00   | 33.44<br>1.62<br>0.00  | 40.85<br>2.06<br>-2.00  | 47.35<br>2.15<br>-1.22  | 46.24<br>2.65<br>-0.14  | 40.63<br>2.73<br>0.00   | 43.86<br>3.17<br>0.00   | 44.79<br>3.09<br>0.00   | 46.22<br>3.18<br>0.00   | 50.55<br>2.59<br>0.00   | 53.18<br>2.58<br>0.00   | 60.20<br>3.03<br>0.00   | 80.98<br>4.73<br>0.00  | 111.02<br>7.42<br>-1.98 | 120.35<br>7.34<br>-3.41 | 96.77<br>5.33<br>0.44   | 70.58<br>2.89<br>-2.08 | 51.09<br>1.74<br>-0.88 | 46.34<br>2.07<br>-0.30 | 41.18<br>2.24<br>-0.30 |
| GLENWOOD____5<br>23614                 | 35.86<br>2.22<br>0.00   | 31.72<br>1.88<br>0.00  | 29.18<br>1.52<br>0.00   | 28.06<br>1.36<br>0.00  | 29.51<br>1.35<br>0.00   | 33.44<br>1.62<br>0.00  | 40.85<br>2.06<br>-2.00  | 47.35<br>2.15<br>-1.22  | 46.24<br>2.65<br>-0.14  | 40.63<br>2.73<br>0.00   | 43.86<br>3.17<br>0.00   | 44.79<br>3.09<br>0.00   | 46.22<br>3.18<br>0.00   | 50.55<br>2.59<br>0.00   | 53.18<br>2.58<br>0.00   | 60.20<br>3.03<br>0.00   | 80.98<br>4.73<br>0.00  | 111.02<br>7.42<br>-1.98 | 120.35<br>7.34<br>-3.41 | 96.77<br>5.33<br>0.44   | 70.58<br>2.89<br>-2.08 | 51.09<br>1.74<br>-0.88 | 46.34<br>2.07<br>-0.30 | 41.18<br>2.24<br>-0.30 |
| GLOBAL GREEN_PORT_GT1<br>23814         | 35.93<br>2.29<br>0.00   | 31.66<br>1.82<br>0.00  | 29.12<br>1.46<br>0.00   | 27.84<br>1.15<br>0.00  | 29.31<br>1.15<br>0.00   | 33.38<br>1.56<br>0.00  | 40.74<br>1.95<br>-2.00  | 46.86<br>1.67<br>-1.21  | 45.51<br>1.91<br>-0.15  | 40.60<br>2.69<br>0.00   | 43.37<br>2.68<br>0.00   | 29.44<br>2.46<br>14.73  | 42.83<br>2.15<br>2.36   | 48.09<br>2.06<br>1.93   | 50.63<br>2.28<br>2.25   | 53.19<br>2.74<br>6.73   | 62.82<br>4.04<br>17.47 | 71.20<br>6.51<br>36.92  | 76.13<br>5.91<br>39.38  | 65.81<br>3.86<br>29.93  | 53.03<br>1.70<br>14.29 | 49.86<br>0.77<br>-0.63 | 45.02<br>0.75<br>-0.30 | 40.80<br>1.85<br>-0.30 |
| GLOBE____DSASP<br>323697               | 32.59<br>-1.08<br>-0.03 | 28.44<br>-0.92<br>0.47 | 26.70<br>-0.97<br>-0.02 | 25.92<br>-0.69<br>0.08 | 27.27<br>-0.90<br>-0.02 | 29.38<br>-1.40<br>1.05 | 34.49<br>-2.83<br>-0.53 | 39.98<br>-4.31<br>-0.32 | 39.55<br>-3.95<br>-0.06 | 35.90<br>-3.26<br>-1.26 | 38.21<br>-3.58<br>-1.11 | 39.47<br>-3.42<br>-1.18 | 43.98<br>-2.88<br>-3.83 | 49.47<br>-2.73<br>-4.25 | 51.95<br>-3.14<br>-4.49 | 53.39<br>-4.40<br>-0.62 | 69.01<br>-7.24<br>0.00 | 91.96<br>-9.65<br>0.00  | 101.05<br>-8.55<br>0.00 | 86.10<br>-5.79<br>0.00  | 59.84<br>-5.77<br>0.00 | 45.26<br>-3.20<br>0.00 | 40.89<br>-3.08<br>0.00 | 36.75<br>-1.89<br>0.00 |
| GOETHSLN____LBMP<br>323567             | 35.83<br>2.19<br>0.00   | 31.75<br>1.91<br>0.00  | 29.18<br>1.52<br>0.00   | 28.11<br>1.41<br>0.00  | 29.54<br>1.38<br>0.00   | 33.44<br>1.62<br>0.00  | 40.78<br>1.99<br>-2.00  | 47.49<br>2.29<br>-1.23  | 46.42<br>2.82<br>-0.15  | 40.52<br>2.62<br>0.00   | 43.62<br>2.93<br>0.00   | 44.63<br>2.92<br>0.00   | 46.09<br>3.06<br>0.00   | 50.50<br>2.54<br>0.00   | 53.23<br>2.63<br>0.00   | 60.09<br>2.92<br>0.00   | 81.21<br>4.96<br>0.00  | 111.33<br>7.72<br>-1.99 | 120.79<br>7.78<br>-3.41 | 100.92<br>5.51<br>-3.52 | 70.78<br>3.08<br>-2.08 | 51.14<br>1.79<br>-0.89 | 46.34<br>2.07<br>-0.31 | 40.83<br>1.89<br>-0.29 |
| GOLAH____69_KV_TB 1_2<br>80279         | 33.19<br>-0.44<br>0.02  | 28.90<br>-0.42<br>0.52 | 27.24<br>-0.41<br>0.00  | 26.25<br>-0.35<br>0.10 | 27.82<br>-0.34<br>0.00  | 30.22<br>-0.45<br>1.16 | 36.52<br>-0.74<br>-0.46 | 42.72<br>-1.41<br>-0.16 | 42.06<br>-1.30<br>0.09  | 38.27<br>-0.91<br>-1.27 | 40.71<br>-1.10<br>-1.12 | 41.86<br>-1.04<br>-1.20 | 46.35<br>-0.56<br>-3.88 | 52.03<br>-0.24<br>-4.31 | 54.84<br>-0.30<br>-4.55 | 56.63<br>-0.74<br>-0.21 | 74.04<br>-2.21<br>0.00 | 99.28<br>-2.34<br>0.00  | 108.39<br>-1.21<br>0.00 | 92.44<br>0.55<br>0.00   | 64.50<br>-1.12<br>0.00 | 48.22<br>-0.24<br>0.00 | 43.31<br>-0.66<br>0.00 | 38.52<br>-0.12<br>0.00 |
| GOODYEAR_LAKE_HYD<br>323669            | 34.82<br>0.98<br>-0.20  | 30.73<br>0.90<br>0.00  | 28.58<br>0.83<br>-0.10  | 27.58<br>0.83<br>-0.05 | 29.08<br>0.82<br>-0.11  | 32.78<br>0.95<br>0.00  | 40.88<br>1.32<br>-2.75  | 47.59<br>1.58<br>-2.03  | 45.80<br>1.48<br>-0.87  | 39.56<br>1.10<br>-0.56  | 42.28<br>1.10<br>-0.49  | 43.36<br>1.13<br>-0.53  | 45.94<br>1.20<br>-1.70  | 50.90<br>1.06<br>-1.89  | 53.65<br>1.06<br>-1.99  | 60.91<br>1.49<br>-2.25  | 78.77<br>2.52<br>0.00  | 108.90<br>5.08<br>-2.20 | 119.19<br>5.81<br>-3.79 | 100.39<br>4.59<br>-3.91 | 70.42<br>2.49<br>-2.31 | 51.12<br>1.70<br>-0.97 | 45.76<br>1.45<br>-0.33 | 40.24<br>1.28<br>-0.33 |
| GOUDEY_115_KV_TB6_REV_LBMP_C<br>345031 | 34.22<br>0.20<br>-0.38  | 29.86<br>0.15<br>0.13  | 27.98<br>0.14<br>-0.18  | 26.93<br>0.16<br>-0.08 | 28.46<br>0.11<br>-0.19  | 31.63<br>0.10<br>0.29  | 38.13<br>0.15<br>-1.19  | 45.88<br>0.09<br>-1.82  | 45.33<br>0.13<br>-1.75  | 39.32<br>0.04<br>-1.37  | 41.94<br>0.04<br>-1.21  | 43.04<br>0.04<br>-1.29  | 47.44<br>0.22<br>-4.19  | 52.75<br>0.14<br>-4.65  | 55.66<br>0.15<br>-4.91  | 62.89<br>0.17<br>-5.55  | 76.33<br>0.08<br>0.00  | 102.63<br>1.02<br>0.00  | 111.13<br>1.53<br>0.00  | 93.36<br>1.47<br>0.00   | 65.75<br>0.13<br>0.00  | 48.70<br>0.24<br>0.00  | 44.01<br>0.04<br>0.00  | 38.79<br>0.15<br>0.00  |



|                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                       |                         |                         |                         |                        |                        |                        |                        |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| GOUDEY___7<br>23579    | 34.22<br>0.20<br>-0.38 | 29.86<br>0.15<br>0.13  | 27.98<br>0.14<br>-0.18 | 26.93<br>0.16<br>-0.08 | 28.46<br>0.11<br>-0.19 | 31.63<br>0.10<br>0.29  | 38.13<br>0.15<br>-1.19 | 45.88<br>0.09<br>-1.82 | 45.33<br>0.13<br>-1.75 | 39.32<br>0.04<br>-1.37 | 41.94<br>0.04<br>-1.21 | 43.04<br>0.04<br>-1.29 | 47.44<br>0.22<br>-4.19 | 52.75<br>0.14<br>-4.65 | 55.66<br>0.15<br>-4.91 | 62.89<br>0.17<br>-5.55 | 76.33<br>0.08<br>0.00 | 102.63<br>1.02<br>0.00  | 111.13<br>1.53<br>0.00  | 93.36<br>1.47<br>0.00   | 65.75<br>0.13<br>0.00  | 48.70<br>0.24<br>0.00  | 44.01<br>0.04<br>0.00  | 38.79<br>0.15<br>0.00  |
| GOUDEY___8<br>23580    | 34.22<br>0.20<br>-0.38 | 29.86<br>0.15<br>0.13  | 27.98<br>0.14<br>-0.18 | 26.93<br>0.16<br>-0.08 | 28.46<br>0.11<br>-0.19 | 31.63<br>0.10<br>0.29  | 38.13<br>0.15<br>-1.19 | 45.88<br>0.09<br>-1.82 | 45.33<br>0.13<br>-1.75 | 39.32<br>0.04<br>-1.37 | 41.94<br>0.04<br>-1.21 | 43.04<br>0.04<br>-1.29 | 47.44<br>0.22<br>-4.19 | 52.75<br>0.14<br>-4.65 | 55.66<br>0.15<br>-4.91 | 62.89<br>0.17<br>-5.55 | 76.33<br>0.08<br>0.00 | 102.63<br>1.02<br>0.00  | 111.13<br>1.53<br>0.00  | 93.36<br>1.47<br>0.00   | 65.75<br>0.13<br>0.00  | 48.70<br>0.24<br>0.00  | 44.01<br>0.04<br>0.00  | 38.79<br>0.15<br>0.00  |
| GOWANUS_GT1_1<br>24077 | 36.10<br>2.46<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.79<br>2.88<br>0.00  | 43.94<br>3.25<br>0.00  | 44.96<br>3.25<br>0.00  | 46.52<br>3.49<br>0.00  | 50.84<br>2.88<br>0.00  | 53.58<br>2.99<br>0.00  | 60.26<br>3.09<br>0.00  | 81.59<br>5.34<br>0.00 | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT1_2<br>24078 | 36.10<br>2.46<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.79<br>2.88<br>0.00  | 43.94<br>3.25<br>0.00  | 44.96<br>3.25<br>0.00  | 46.52<br>3.49<br>0.00  | 50.84<br>2.88<br>0.00  | 53.58<br>2.99<br>0.00  | 60.26<br>3.09<br>0.00  | 81.59<br>5.34<br>0.00 | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT1_3<br>24079 | 36.10<br>2.46<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.79<br>2.88<br>0.00  | 43.94<br>3.25<br>0.00  | 44.96<br>3.25<br>0.00  | 46.52<br>3.49<br>0.00  | 50.84<br>2.88<br>0.00  | 53.58<br>2.99<br>0.00  | 60.26<br>3.09<br>0.00  | 81.59<br>5.34<br>0.00 | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT1_4<br>24080 | 36.10<br>2.46<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.79<br>2.88<br>0.00  | 43.94<br>3.25<br>0.00  | 44.96<br>3.25<br>0.00  | 46.52<br>3.49<br>0.00  | 50.84<br>2.88<br>0.00  | 53.58<br>2.99<br>0.00  | 60.26<br>3.09<br>0.00  | 81.59<br>5.34<br>0.00 | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT1_5<br>24084 | 36.10<br>2.46<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.79<br>2.88<br>0.00  | 43.94<br>3.25<br>0.00  | 44.96<br>3.25<br>0.00  | 46.52<br>3.49<br>0.00  | 50.84<br>2.88<br>0.00  | 53.58<br>2.99<br>0.00  | 60.26<br>3.09<br>0.00  | 81.59<br>5.34<br>0.00 | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT1_6<br>24111 | 36.10<br>2.46<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.79<br>2.88<br>0.00  | 43.94<br>3.25<br>0.00  | 44.96<br>3.25<br>0.00  | 46.52<br>3.49<br>0.00  | 50.84<br>2.88<br>0.00  | 53.58<br>2.99<br>0.00  | 60.26<br>3.09<br>0.00  | 81.59<br>5.34<br>0.00 | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT1_7<br>24112 | 36.10<br>2.46<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.79<br>2.88<br>0.00  | 43.94<br>3.25<br>0.00  | 44.96<br>3.25<br>0.00  | 46.52<br>3.49<br>0.00  | 50.84<br>2.88<br>0.00  | 53.58<br>2.99<br>0.00  | 60.26<br>3.09<br>0.00  | 81.59<br>5.34<br>0.00 | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT1_8<br>24113 | 36.10<br>2.46<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.79<br>2.88<br>0.00  | 43.94<br>3.25<br>0.00  | 44.96<br>3.25<br>0.00  | 46.52<br>3.49<br>0.00  | 50.84<br>2.88<br>0.00  | 53.58<br>2.99<br>0.00  | 60.26<br>3.09<br>0.00  | 81.59<br>5.34<br>0.00 | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT2_1<br>24114 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00  | 43.70<br>3.01<br>0.00  | 44.84<br>3.13<br>0.00  | 46.26<br>3.23<br>0.00  | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00  | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT2_2<br>24115 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00  | 43.70<br>3.01<br>0.00  | 44.84<br>3.13<br>0.00  | 46.26<br>3.23<br>0.00  | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00  | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT2_3<br>24116 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00  | 43.70<br>3.01<br>0.00  | 44.84<br>3.13<br>0.00  | 46.26<br>3.23<br>0.00  | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00  | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT2_4<br>24117 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00  | 43.70<br>3.01<br>0.00  | 44.84<br>3.13<br>0.00  | 46.26<br>3.23<br>0.00  | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00  | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT2_5<br>24118 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00  | 43.70<br>3.01<br>0.00  | 44.84<br>3.13<br>0.00  | 46.26<br>3.23<br>0.00  | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00  | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |



|                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                       |                       |                       |                       |                       |                        |                       |                       |                         |                         |                         |                        |                        |                        |                        |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT2_6<br>24119 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00 | 43.70<br>3.01<br>0.00 | 44.84<br>3.13<br>0.00 | 46.26<br>3.23<br>0.00 | 50.93<br>2.97<br>0.00 | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00 | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT2_7<br>24120 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00 | 43.70<br>3.01<br>0.00 | 44.84<br>3.13<br>0.00 | 46.26<br>3.23<br>0.00 | 50.93<br>2.97<br>0.00 | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00 | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT2_8<br>24121 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00 | 43.70<br>3.01<br>0.00 | 44.84<br>3.13<br>0.00 | 46.26<br>3.23<br>0.00 | 50.93<br>2.97<br>0.00 | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00 | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT3_1<br>24122 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00 | 43.70<br>3.01<br>0.00 | 44.84<br>3.13<br>0.00 | 46.26<br>3.23<br>0.00 | 50.93<br>2.97<br>0.00 | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00 | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT3_2<br>24123 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00 | 43.70<br>3.01<br>0.00 | 44.84<br>3.13<br>0.00 | 46.26<br>3.23<br>0.00 | 50.93<br>2.97<br>0.00 | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00 | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT3_3<br>24124 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00 | 43.70<br>3.01<br>0.00 | 44.84<br>3.13<br>0.00 | 46.26<br>3.23<br>0.00 | 50.93<br>2.97<br>0.00 | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00 | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT3_4<br>24125 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00 | 43.70<br>3.01<br>0.00 | 44.84<br>3.13<br>0.00 | 46.26<br>3.23<br>0.00 | 50.93<br>2.97<br>0.00 | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00 | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT3_5<br>24126 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00 | 43.70<br>3.01<br>0.00 | 44.84<br>3.13<br>0.00 | 46.26<br>3.23<br>0.00 | 50.93<br>2.97<br>0.00 | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00 | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT3_6<br>24127 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00 | 43.70<br>3.01<br>0.00 | 44.84<br>3.13<br>0.00 | 46.26<br>3.23<br>0.00 | 50.93<br>2.97<br>0.00 | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00 | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT3_7<br>24128 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00 | 43.70<br>3.01<br>0.00 | 44.84<br>3.13<br>0.00 | 46.26<br>3.23<br>0.00 | 50.93<br>2.97<br>0.00 | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00 | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT3_8<br>24129 | 36.10<br>2.45<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00 | 43.70<br>3.01<br>0.00 | 44.84<br>3.13<br>0.00 | 46.26<br>3.23<br>0.00 | 50.93<br>2.97<br>0.00 | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00 | 81.67<br>5.41<br>0.00 | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT4_1<br>24130 | 36.10<br>2.46<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.79<br>2.88<br>0.00 | 43.94<br>3.25<br>0.00 | 44.96<br>3.25<br>0.00 | 46.52<br>3.49<br>0.00 | 50.84<br>2.88<br>0.00 | 53.58<br>2.99<br>0.00  | 60.26<br>3.09<br>0.00 | 81.59<br>5.34<br>0.00 | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT4_2<br>24131 | 36.10<br>2.46<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.79<br>2.88<br>0.00 | 43.94<br>3.25<br>0.00 | 44.96<br>3.25<br>0.00 | 46.52<br>3.49<br>0.00 | 50.84<br>2.88<br>0.00 | 53.58<br>2.99<br>0.00  | 60.26<br>3.09<br>0.00 | 81.59<br>5.34<br>0.00 | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT4_3<br>24132 | 36.10<br>2.46<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.79<br>2.88<br>0.00 | 43.94<br>3.25<br>0.00 | 44.96<br>3.25<br>0.00 | 46.52<br>3.49<br>0.00 | 50.84<br>2.88<br>0.00 | 53.58<br>2.99<br>0.00  | 60.26<br>3.09<br>0.00 | 81.59<br>5.34<br>0.00 | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT4_4<br>24133 | 36.10<br>2.46<br>-0.01 | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.68<br>3.09<br>-0.15 | 40.79<br>2.88<br>0.00 | 43.94<br>3.25<br>0.00 | 44.96<br>3.25<br>0.00 | 46.52<br>3.49<br>0.00 | 50.84<br>2.88<br>0.00 | 53.58<br>2.99<br>0.00  | 60.26<br>3.09<br>0.00 | 81.59<br>5.34<br>0.00 | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |



|                                           |                         |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                          |                          |                        |                        |                        |                        |
|-------------------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_5<br>24134                    | 36.10<br>2.46<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.36<br>1.66<br>-0.01  | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.68<br>3.09<br>-0.15  | 40.79<br>2.88<br>0.00   | 43.94<br>3.25<br>0.00   | 44.96<br>3.25<br>0.00   | 46.52<br>3.49<br>0.00   | 50.84<br>2.88<br>0.00   | 53.58<br>2.99<br>0.00   | 60.26<br>3.09<br>0.00   | 81.59<br>5.34<br>0.00  | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT4_6<br>24135                    | 36.10<br>2.46<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.36<br>1.66<br>-0.01  | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.68<br>3.09<br>-0.15  | 40.79<br>2.88<br>0.00   | 43.94<br>3.25<br>0.00   | 44.96<br>3.25<br>0.00   | 46.52<br>3.49<br>0.00   | 50.84<br>2.88<br>0.00   | 53.58<br>2.99<br>0.00   | 60.26<br>3.09<br>0.00   | 81.59<br>5.34<br>0.00  | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT4_7<br>24136                    | 36.10<br>2.46<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.36<br>1.66<br>-0.01  | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.68<br>3.09<br>-0.15  | 40.79<br>2.88<br>0.00   | 43.94<br>3.25<br>0.00   | 44.96<br>3.25<br>0.00   | 46.52<br>3.49<br>0.00   | 50.84<br>2.88<br>0.00   | 53.58<br>2.99<br>0.00   | 60.26<br>3.09<br>0.00   | 81.59<br>5.34<br>0.00  | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GOWANUS_GT4_8<br>24137                    | 36.10<br>2.46<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.36<br>1.66<br>-0.01  | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.68<br>3.09<br>-0.15  | 40.79<br>2.88<br>0.00   | 43.94<br>3.25<br>0.00   | 44.96<br>3.25<br>0.00   | 46.52<br>3.49<br>0.00   | 50.84<br>2.88<br>0.00   | 53.58<br>2.99<br>0.00   | 60.26<br>3.09<br>0.00   | 81.59<br>5.34<br>0.00  | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GREATVRV_69_KV_BK1<br>356245              | 36.10<br>2.46<br>0.00   | 31.81<br>1.97<br>0.00  | 29.23<br>1.58<br>0.00   | 28.00<br>1.31<br>0.00   | 29.48<br>1.32<br>0.00   | 33.51<br>1.69<br>0.00  | 41.04<br>2.24<br>-2.00  | 47.08<br>1.89<br>-1.22  | 45.89<br>2.30<br>-0.13  | 40.82<br>2.92<br>0.00   | 43.98<br>3.30<br>0.00   | 38.37<br>3.38<br>6.72   | 45.36<br>3.40<br>1.08   | 49.61<br>2.54<br>0.89   | 52.54<br>2.99<br>1.05   | 57.82<br>3.72<br>3.07   | 73.31<br>5.03<br>7.97  | 93.68<br>7.82<br>15.77  | 100.91<br>7.56<br>16.25  | 80.04<br>5.51<br>17.36   | 63.45<br>3.28<br>5.44  | 51.31<br>2.08<br>-0.76 | 46.25<br>1.98<br>-0.30 | 41.57<br>2.63<br>-0.30 |
| GREENBSH_115KV_TB3<br>55895               | 33.94<br>0.30<br>0.00   | 30.17<br>0.33<br>0.00  | 27.96<br>0.30<br>0.00   | 27.02<br>0.32<br>0.00   | 28.49<br>0.34<br>0.00   | 32.20<br>0.38<br>0.00  | -4.51<br>0.74<br>42.04  | 18.79<br>0.70<br>25.89  | 41.10<br>0.74<br>3.09   | 38.40<br>0.49<br>0.00   | 41.16<br>0.49<br>0.01   | 42.05<br>0.38<br>0.03   | 43.37<br>0.39<br>0.05   | 47.69<br>-0.14<br>0.13  | 50.38<br>-0.05<br>0.17  | 56.94<br>0.06<br>0.29   | 76.92<br>0.84<br>0.17  | 61.24<br>1.83<br>42.21  | 39.43<br>1.97<br>72.14   | 18.67<br>1.29<br>74.50   | 22.14<br>0.52<br>44.00 | 30.00<br>0.19<br>18.65 | 37.82<br>0.31<br>6.46  | 32.55<br>0.27<br>6.36  |
| GREENDGE_115KV_TB5<br>80291               | 33.85<br>-0.10<br>-0.31 | 29.45<br>-0.12<br>0.27 | 27.70<br>-0.11<br>-0.15 | 26.68<br>-0.05<br>-0.03 | 28.24<br>-0.08<br>-0.16 | 31.15<br>-0.06<br>0.61 | 37.69<br>-0.26<br>-1.15 | 45.13<br>-0.40<br>-1.55 | 44.24<br>-0.35<br>-1.14 | 39.03<br>-0.45<br>-1.58 | 41.43<br>-0.65<br>-1.39 | 42.57<br>-0.63<br>-1.49 | 47.50<br>-0.34<br>-4.82 | 53.07<br>-0.24<br>-5.35 | 56.14<br>-0.10<br>-5.64 | 60.98<br>-0.06<br>-3.86 | 75.87<br>-0.38<br>0.00 | 100.60<br>-1.02<br>0.00 | 109.71<br>0.11<br>0.00   | 93.54<br>1.65<br>0.00    | 65.88<br>0.26<br>0.00  | 48.75<br>0.29<br>0.00  | 43.71<br>-0.26<br>0.00 | 38.52<br>-0.12<br>0.00 |
| GREENIDGE___3<br>23582                    | 33.85<br>-0.10<br>-0.31 | 29.45<br>-0.12<br>0.27 | 27.70<br>-0.11<br>-0.15 | 26.68<br>-0.05<br>-0.03 | 28.24<br>-0.08<br>-0.16 | 31.15<br>-0.06<br>0.61 | 37.69<br>-0.26<br>-1.15 | 45.13<br>-0.40<br>-1.55 | 44.24<br>-0.35<br>-1.14 | 39.03<br>-0.45<br>-1.58 | 41.43<br>-0.65<br>-1.39 | 42.57<br>-0.63<br>-1.49 | 47.50<br>-0.34<br>-4.82 | 53.07<br>-0.24<br>-5.35 | 56.14<br>-0.10<br>-5.64 | 60.98<br>-0.06<br>-3.86 | 75.87<br>-0.38<br>0.00 | 100.60<br>-1.02<br>0.00 | 109.71<br>0.11<br>0.00   | 93.54<br>1.65<br>0.00    | 65.88<br>0.26<br>0.00  | 48.75<br>0.29<br>0.00  | 43.71<br>-0.26<br>0.00 | 38.52<br>-0.12<br>0.00 |
| GREENIDGE___4<br>23583                    | 33.85<br>-0.10<br>-0.31 | 29.45<br>-0.12<br>0.27 | 27.70<br>-0.11<br>-0.15 | 26.68<br>-0.05<br>-0.03 | 28.24<br>-0.08<br>-0.16 | 31.15<br>-0.06<br>0.61 | 37.94<br>0.00<br>-1.15  | 46.49<br>-0.40<br>-2.92 | 44.46<br>-0.13<br>-1.14 | 38.69<br>-0.11<br>-0.90 | 41.19<br>-0.28<br>-0.78 | 42.32<br>-0.25<br>-0.86 | 46.14<br>0.39<br>-2.72  | 50.48<br>-0.10<br>-2.61 | 53.67<br>0.20<br>-2.87  | 60.86<br>-0.17<br>-3.86 | 75.80<br>-0.45<br>0.00 | 101.01<br>-0.61<br>0.00 | 109.71<br>0.11<br>0.00   | 93.54<br>1.66<br>0.00    | 65.88<br>0.26<br>0.00  | 48.75<br>0.29<br>0.00  | 43.84<br>-0.13<br>0.00 | 38.52<br>-0.12<br>0.00 |
| GREENLWN_69_KV_BK 3<br>55738              | 35.56<br>1.92<br>0.00   | 31.39<br>1.55<br>0.00  | 28.84<br>1.19<br>0.00   | 27.66<br>0.96<br>0.00   | 29.09<br>0.93<br>0.00   | 33.03<br>1.21<br>0.00  | 40.38<br>1.58<br>-2.00  | 46.15<br>0.97<br>-1.21  | 45.06<br>1.48<br>-0.13  | 40.26<br>2.35<br>0.00   | 43.33<br>2.64<br>0.00   | 45.70<br>2.09<br>-1.91  | 45.36<br>2.02<br>-0.31  | 49.18<br>1.01<br>-0.22  | 52.08<br>1.21<br>-0.27  | 59.70<br>1.66<br>-0.87  | 81.26<br>2.75<br>-2.26 | 113.42<br>4.78<br>-7.02 | 122.35<br>4.38<br>-8.37  | 90.30<br>2.85<br>4.44    | 70.77<br>1.18<br>-3.97 | 49.81<br>0.44<br>-0.91 | 45.32<br>1.06<br>-0.30 | 40.87<br>1.93<br>-0.30 |
| GREENWD_138_KV_38B11_REV_LBMP_J<br>345004 | 36.10<br>2.46<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.36<br>1.66<br>-0.01  | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.68<br>3.09<br>-0.15  | 40.79<br>2.88<br>0.00   | 43.94<br>3.25<br>0.00   | 44.96<br>3.25<br>0.00   | 46.52<br>3.49<br>0.00   | 50.84<br>2.88<br>0.00   | 53.58<br>2.99<br>0.00   | 60.26<br>3.09<br>0.00   | 81.59<br>5.34<br>0.00  | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.35<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| GRISSOM___SOLAR<br>323813                 | 35.02<br>1.38<br>0.00   | 31.09<br>1.25<br>0.00  | 28.84<br>1.19<br>0.00   | 27.87<br>1.17<br>0.00   | 29.43<br>1.27<br>0.00   | 33.41<br>1.59<br>0.00  | 46.18<br>2.10<br>-7.28  | 50.79<br>2.33<br>-4.49  | 45.20<br>1.21<br>-0.54  | 38.02<br>0.11<br>0.00   | 40.20<br>-0.49<br>0.00  | 41.04<br>-0.67<br>0.00  | 42.21<br>-0.82<br>0.00  | 46.95<br>-1.01<br>0.00  | 49.78<br>-0.81<br>0.01  | 57.00<br>-0.17<br>0.00  | 77.78<br>1.52<br>0.00  | 114.01<br>5.08<br>-7.31 | 129.83<br>7.67<br>-12.56 | 110.74<br>5.89<br>-12.97 | 76.88<br>3.61<br>-7.66 | 54.06<br>2.37<br>-3.23 | 47.07<br>1.98<br>-1.12 | 41.40<br>1.66<br>-1.10 |
| GROVEVILLE___HYD<br>323602                | 35.59<br>1.95<br>0.00   | 31.54<br>1.70<br>0.00  | 29.09<br>1.44<br>0.00   | 28.11<br>1.41<br>0.00   | 29.56<br>1.41<br>0.00   | 33.48<br>1.65<br>0.00  | 40.58<br>2.13<br>-1.65  | 47.54<br>2.55<br>-1.02  | 46.44<br>2.87<br>-0.12  | 40.41<br>2.50<br>0.00   | 43.45<br>2.77<br>0.00   | 44.42<br>2.71<br>0.00   | 45.92<br>2.88<br>0.00   | 50.50<br>2.54<br>0.00   | 53.28<br>2.68<br>0.00   | 60.32<br>3.14<br>0.00   | 81.51<br>5.26<br>0.00  | 111.37<br>8.23<br>-1.52 | 120.99<br>8.77<br>-2.62  | 101.21<br>6.62<br>-2.70  | 70.89<br>3.67<br>-1.60 | 51.52<br>2.33<br>-0.73 | 46.55<br>2.33<br>-0.25 | 40.97<br>2.09<br>-0.25 |
| GRS_LOCK_115KV_LINE_2_SOLVAY<br>80269     | 34.44<br>-0.13<br>-0.93 | 29.72<br>-0.12<br>0.00 | 28.02<br>-0.08<br>-0.45 | 26.84<br>-0.11<br>-0.25 | 28.52<br>-0.11<br>-0.48 | 31.69<br>-0.13<br>0.00 | 39.41<br>0.00<br>-2.61  | 48.11<br>0.04<br>-4.09  | 46.82<br>0.09<br>-3.28  | 40.48<br>0.00<br>-2.58  | 42.88<br>-0.08<br>-2.27 | 44.05<br>-0.08<br>-2.43 | 50.93<br>0.04<br>-7.86  | 56.63<br>-0.05<br>-8.72 | 59.86<br>0.05<br>-9.21  | 67.75<br>0.17<br>-10.41 | 76.25<br>0.00<br>0.00  | 102.13<br>0.51<br>0.00  | 110.37<br>0.77<br>0.00   | 92.99<br>1.10<br>0.00    | 65.81<br>0.20<br>0.00  | 48.56<br>0.10<br>0.00  | 43.84<br>-0.13<br>0.00 | 38.56<br>-0.08<br>0.00 |
| HAMLTNNY_34_KV_TB<br>80303                | 34.43<br>-0.13<br>-0.93 | 29.75<br>-0.09<br>0.00 | 28.02<br>-0.08<br>-0.45 | 26.86<br>-0.08<br>-0.25 | 28.52<br>-0.11<br>-0.48 | 31.69<br>-0.13<br>0.00 | 39.41<br>0.00<br>-2.61  | 48.13<br>0.00<br>-4.16  | 46.85<br>0.09<br>-3.31  | 40.50<br>0.00<br>-2.60  | 42.90<br>-0.08<br>-2.29 | 44.07<br>-0.08<br>-2.45 | 51.04<br>0.09<br>-7.92  | 56.80<br>0.05<br>-8.79  | 60.04<br>0.15<br>-9.29  | 67.89<br>0.23<br>-10.49 | 76.33<br>0.08<br>0.00  | 102.23<br>0.61<br>0.00  | 110.58<br>0.99<br>0.00   | 93.17<br>1.29<br>0.00    | 65.88<br>0.26<br>0.00  | 48.65<br>0.19<br>0.00  | 43.88<br>-0.09<br>0.00 | 38.64<br>0.00<br>0.00  |



|                                              |                         |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                          |                          |                        |                        |                        |                        |
|----------------------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|
| HAMPSHIRE___PAPER_HYD<br>323593              | 33.99<br>0.07<br>-0.28  | 29.96<br>0.12<br>0.00  | 27.90<br>0.11<br>-0.14  | 26.85<br>0.08<br>-0.08  | 28.42<br>0.11<br>-0.15  | 32.08<br>0.25<br>0.00  | 38.26<br>0.66<br>-0.80  | 46.70<br>1.05<br>-1.67  | 44.98<br>0.48<br>-1.05  | 38.96<br>0.23<br>-0.82  | 41.82<br>0.41<br>-0.73  | 42.88<br>0.50<br>-0.67  | 45.88<br>0.34<br>-2.51  | 51.18<br>0.43<br>-2.78  | 53.74<br>0.20<br>-2.94  | 60.67<br>0.17<br>-3.32  | 76.56<br>0.31<br>0.00  | 102.23<br>0.61<br>0.00  | 111.02<br>1.42<br>0.00   | 93.35<br>1.47<br>0.00    | 66.93<br>1.31<br>0.00  | 49.62<br>1.16<br>0.00  | 44.67<br>0.70<br>0.00  | 39.02<br>0.39<br>0.00  |
| HARDSCRABBLE_WT_PWR<br>323673                | 34.48<br>0.84<br>0.00   | 30.61<br>0.77<br>0.00  | 28.37<br>0.72<br>0.00   | 27.42<br>0.72<br>0.00   | 28.89<br>0.73<br>0.00   | 32.68<br>0.86<br>0.00  | 37.90<br>1.10<br>0.00   | 45.34<br>1.36<br>0.00   | 44.75<br>1.30<br>0.00   | 38.97<br>1.06<br>0.00   | 41.87<br>1.18<br>0.00   | 42.92<br>1.21<br>0.00   | 44.28<br>1.25<br>0.00   | 49.26<br>1.30<br>0.00   | 51.91<br>1.31<br>0.00   | 58.77<br>1.60<br>0.00   | 78.54<br>2.29<br>0.00  | 105.08<br>3.46<br>0.00  | 113.43<br>3.83<br>0.00   | 95.01<br>3.13<br>0.00    | 67.45<br>1.83<br>0.00  | 49.77<br>1.31<br>0.00  | 45.07<br>1.10<br>0.00  | 39.60<br>0.97<br>0.00  |
| HARRIMAN_69_KV_BK771_REV_LBMP_G<br>345025    | 35.52<br>1.88<br>0.00   | 31.45<br>1.61<br>0.00  | 29.01<br>1.36<br>0.00   | 28.00<br>1.31<br>0.00   | 29.45<br>1.30<br>0.00   | 33.32<br>1.50<br>0.00  | 40.49<br>1.95<br>-1.75  | 47.38<br>2.33<br>-1.08  | 46.27<br>2.69<br>-0.13  | 40.33<br>2.43<br>0.00   | 43.37<br>2.69<br>0.00   | 44.33<br>2.63<br>0.00   | 45.83<br>2.80<br>0.00   | 50.41<br>2.45<br>0.00   | 53.18<br>2.58<br>0.00   | 60.14<br>2.97<br>0.00   | 81.21<br>4.96<br>0.00  | 111.28<br>8.03<br>-1.63 | 120.73<br>8.33<br>-2.80  | 101.03<br>6.25<br>-2.89  | 70.74<br>3.41<br>-1.71 | 51.37<br>2.13<br>-0.77 | 46.39<br>2.15<br>-0.27 | 40.83<br>1.93<br>-0.26 |
| HARSNRAD_115KV_TB1<br>81005                  | 32.42<br>-1.24<br>-0.03 | 28.26<br>-1.10<br>0.47 | 26.54<br>-1.13<br>-0.02 | 25.74<br>-0.88<br>0.08  | 27.11<br>-1.07<br>-0.02 | 29.40<br>-1.37<br>1.05 | 35.05<br>-2.28<br>-0.54 | 40.56<br>-3.74<br>-0.32 | 40.08<br>-3.43<br>-0.06 | 36.40<br>-2.77<br>-1.26 | 38.75<br>-3.05<br>-1.12 | 40.02<br>-2.88<br>-1.19 | 44.56<br>-2.32<br>-3.85 | 50.18<br>-2.06<br>-4.28 | 52.69<br>-2.43<br>-4.52 | 54.32<br>-3.49<br>-0.64 | 70.23<br>-6.02<br>0.00 | 93.79<br>-7.82<br>0.00  | 103.13<br>-6.47<br>0.00  | 87.85<br>-4.04<br>0.00   | 60.96<br>-4.66<br>0.00 | 46.04<br>-2.42<br>0.00 | 41.51<br>-2.46<br>0.00 | 37.71<br>-0.93<br>0.00 |
| HARZA MOOSE___RIVER<br>24016                 | 34.08<br>0.17<br>-0.27  | 30.05<br>0.21<br>0.00  | 28.01<br>0.22<br>-0.13  | 26.98<br>0.21<br>-0.07  | 28.52<br>0.23<br>-0.14  | 32.17<br>0.35<br>0.00  | 38.26<br>0.70<br>-0.77  | 46.12<br>1.06<br>-1.09  | 45.07<br>0.65<br>-0.97  | 38.97<br>0.30<br>-0.76  | 41.81<br>0.45<br>-0.67  | 42.97<br>0.54<br>-0.72  | 45.87<br>0.52<br>-2.32  | 51.06<br>0.53<br>-2.58  | 53.78<br>0.46<br>-2.72  | 60.99<br>0.74<br>-3.08  | 77.55<br>1.30<br>0.00  | 104.67<br>3.05<br>0.00  | 113.43<br>3.84<br>0.00   | 95.29<br>3.40<br>0.00    | 67.58<br>1.97<br>0.00  | 49.87<br>1.41<br>0.00  | 44.67<br>0.70<br>0.00  | 39.18<br>0.54<br>0.00  |
| HDSNBRDG_115KV_BRDG_TB1<br>355580            | 33.88<br>-0.27<br>-0.50 | 29.38<br>-0.24<br>0.22 | 27.68<br>-0.22<br>-0.25 | 26.58<br>-0.21<br>-0.09 | 28.17<br>-0.25<br>-0.26 | 31.04<br>-0.29<br>0.49 | 38.25<br>-0.18<br>-1.63 | 45.71<br>-0.22<br>-1.96 | 44.74<br>-0.17<br>-1.46 | 39.53<br>-0.23<br>-1.86 | 42.04<br>-0.28<br>-1.64 | 43.16<br>-0.29<br>-1.75 | 48.48<br>-0.22<br>-5.66 | 53.95<br>-0.29<br>-6.28 | 56.98<br>-0.25<br>-6.63 | 61.88<br>-0.17<br>-4.88 | 75.72<br>-0.53<br>0.00 | 101.31<br>-0.30<br>0.00 | 109.49<br>-0.11<br>0.00  | 92.16<br>0.28<br>0.00    | 65.29<br>-0.33<br>0.00 | 48.17<br>-0.29<br>0.00 | 43.53<br>-0.44<br>0.00 | 38.33<br>-0.31<br>0.00 |
| HELLGATE_13_KV_LD<br>55870                   | 36.31<br>2.66<br>-0.01  | 32.14<br>2.30<br>-0.01 | 29.57<br>1.91<br>-0.01  | 28.49<br>1.79<br>-0.01  | 29.97<br>1.80<br>-0.01  | 33.90<br>2.07<br>-0.01 | 41.37<br>2.58<br>-2.00  | 47.97<br>2.77<br>-1.23  | 46.90<br>3.30<br>-0.15  | 41.01<br>3.11<br>0.00   | 44.10<br>3.42<br>0.00   | 45.13<br>3.42<br>0.00   | 46.69<br>3.66<br>0.00   | 50.98<br>3.02<br>0.00   | 53.74<br>3.14<br>0.00   | 60.49<br>3.32<br>0.00   | 81.89<br>5.64<br>0.00  | 112.34<br>8.74<br>-1.99 | 121.78<br>8.77<br>-3.41  | 101.75<br>6.34<br>-3.52  | 71.24<br>3.54<br>-2.08 | 51.48<br>2.13<br>-0.89 | 46.96<br>2.68<br>-0.31 | 41.49<br>2.55<br>-0.30 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J<br>345018 | 36.31<br>2.66<br>-0.01  | 32.14<br>2.30<br>-0.01 | 29.57<br>1.91<br>-0.01  | 28.49<br>1.79<br>-0.01  | 29.97<br>1.80<br>-0.01  | 33.90<br>2.07<br>-0.01 | 41.37<br>2.58<br>-2.00  | 47.97<br>2.77<br>-1.23  | 46.90<br>3.30<br>-0.15  | 41.01<br>3.11<br>0.00   | 44.10<br>3.42<br>0.00   | 45.13<br>3.42<br>0.00   | 46.69<br>3.66<br>0.00   | 50.98<br>3.02<br>0.00   | 53.74<br>3.14<br>0.00   | 60.49<br>3.32<br>0.00   | 81.89<br>5.64<br>0.00  | 112.34<br>8.74<br>-1.99 | 121.78<br>8.77<br>-3.41  | 101.75<br>6.34<br>-3.52  | 71.24<br>3.54<br>-2.08 | 51.48<br>2.13<br>-0.89 | 46.96<br>2.68<br>-0.31 | 41.49<br>2.55<br>-0.30 |
| HEMPSTEAD____<br>23647                       | 35.66<br>2.02<br>0.00   | 31.51<br>1.67<br>0.00  | 28.98<br>1.33<br>0.00   | 27.82<br>1.12<br>0.00   | 29.25<br>1.10<br>0.00   | 33.16<br>1.34<br>0.00  | 40.56<br>1.77<br>-2.00  | 46.86<br>1.67<br>-1.22  | 45.61<br>2.00<br>-0.16  | 40.30<br>2.39<br>0.00   | 43.17<br>2.48<br>0.00   | 44.00<br>2.29<br>0.00   | 45.23<br>2.19<br>0.00   | 50.11<br>2.16<br>0.01   | 52.85<br>2.22<br>-0.02  | 59.86<br>2.69<br>0.00   | 80.37<br>4.11<br>0.00  | 110.20<br>6.60<br>-1.98 | 119.36<br>6.35<br>-3.41  | 93.86<br>4.50<br>2.53    | 70.05<br>2.36<br>-2.08 | 50.79<br>1.45<br>-0.88 | 45.85<br>1.58<br>-0.30 | 40.95<br>2.01<br>-0.30 |
| HICKLING___1<br>23621                        | 33.89<br>-0.07<br>-0.31 | 29.46<br>-0.15<br>0.22 | 27.67<br>-0.14<br>-0.15 | 26.69<br>-0.05<br>-0.04 | 28.18<br>-0.14<br>-0.16 | 31.13<br>-0.19<br>0.50 | 37.64<br>-0.26<br>-1.10 | 44.89<br>-0.57<br>-1.49 | 44.18<br>-0.39<br>-1.11 | 38.89<br>-0.45<br>-1.44 | 41.35<br>-0.61<br>-1.27 | 42.52<br>-0.54<br>-1.36 | 47.30<br>-0.13<br>-4.40 | 52.84<br>0.00<br>-4.88  | 55.75<br>0.00<br>-5.16  | 60.80<br>-0.11<br>-3.74 | 75.26<br>-0.99<br>0.00 | 101.31<br>-0.30<br>0.00 | 110.58<br>0.99<br>0.00   | 93.36<br>1.47<br>0.00    | 65.22<br>-0.39<br>0.00 | 48.46<br>0.00<br>0.00  | 43.53<br>-0.44<br>0.00 | 38.45<br>-0.19<br>0.00 |
| HICKLING___2<br>23622                        | 33.89<br>-0.07<br>-0.31 | 29.46<br>-0.15<br>0.22 | 27.67<br>-0.14<br>-0.15 | 26.69<br>-0.05<br>-0.04 | 28.18<br>-0.14<br>-0.16 | 31.13<br>-0.19<br>0.50 | 37.64<br>-0.26<br>-1.10 | 44.89<br>-0.57<br>-1.49 | 44.18<br>-0.39<br>-1.11 | 38.89<br>-0.45<br>-1.44 | 41.35<br>-0.61<br>-1.27 | 42.52<br>-0.54<br>-1.36 | 47.30<br>-0.13<br>-4.40 | 52.84<br>0.00<br>-4.88  | 55.75<br>0.00<br>-5.16  | 60.80<br>-0.11<br>-3.74 | 75.26<br>-0.99<br>0.00 | 101.31<br>-0.30<br>0.00 | 110.58<br>0.99<br>0.00   | 93.36<br>1.47<br>0.00    | 65.22<br>-0.39<br>0.00 | 48.46<br>0.00<br>0.00  | 43.53<br>-0.44<br>0.00 | 38.45<br>-0.19<br>0.00 |
| HIGH FALLS___HY<br>23754                     | 35.86<br>2.22<br>0.00   | 31.75<br>1.91<br>0.00  | 29.29<br>1.63<br>0.00   | 28.30<br>1.60<br>0.00   | 29.73<br>1.58<br>0.00   | 33.64<br>1.81<br>0.00  | 36.59<br>2.35<br>2.56   | 45.25<br>2.86<br>1.58   | 46.39<br>3.13<br>0.19   | 40.79<br>2.88<br>0.00   | 43.72<br>3.09<br>0.06   | 44.60<br>3.04<br>0.15   | 46.00<br>3.23<br>0.26   | 50.19<br>2.93<br>0.69   | 52.76<br>3.09<br>0.93   | 59.22<br>3.60<br>1.55   | 81.30<br>5.95<br>0.90  | 107.48<br>9.55<br>3.69  | 115.14<br>10.08<br>4.54  | 94.92<br>7.72<br>4.69    | 67.11<br>4.27<br>2.77  | 50.04<br>2.71<br>1.14  | 46.30<br>2.73<br>0.39  | 40.65<br>2.40<br>0.39  |
| HIGH_RIVER___SOLAR<br>323847                 | 34.89<br>1.25<br>0.00   | 30.97<br>1.13<br>0.00  | 28.73<br>1.08<br>0.00   | 27.76<br>1.07<br>0.00   | 29.28<br>1.13<br>0.00   | 33.22<br>1.40<br>0.00  | 46.10<br>1.88<br>-7.43  | 50.53<br>1.98<br>-4.58  | 44.96<br>0.95<br>-0.55  | 38.10<br>0.19<br>0.00   | 40.52<br>-0.16<br>0.00  | 41.50<br>-0.21<br>0.00  | 42.73<br>-0.30<br>0.00  | 47.48<br>-0.48<br>0.00  | 50.24<br>-0.35<br>0.01  | 57.23<br>0.06<br>0.00   | 77.62<br>1.37<br>0.00  | 113.35<br>4.27<br>-7.46 | 129.32<br>6.91<br>-12.82 | 110.45<br>5.33<br>-13.24 | 76.65<br>3.21<br>-7.82 | 53.89<br>2.13<br>-3.30 | 46.92<br>1.80<br>-1.14 | 41.27<br>1.51<br>-1.12 |
| HILLBURN___GT<br>23639                       | 35.59<br>1.95<br>0.00   | 31.51<br>1.67<br>0.00  | 29.04<br>1.38<br>0.00   | 28.00<br>1.31<br>0.00   | 29.45<br>1.30<br>0.00   | 33.32<br>1.50<br>0.00  | 40.55<br>1.95<br>-1.80  | 47.41<br>2.33<br>-1.11  | 46.16<br>2.56<br>-0.14  | 40.37<br>2.46<br>0.00   | 43.29<br>2.61<br>0.00   | 44.29<br>2.59<br>0.00   | 45.75<br>2.71<br>0.00   | 50.50<br>2.54<br>0.00   | 53.20<br>2.58<br>-0.02  | 60.14<br>2.97<br>0.00   | 81.14<br>4.88<br>0.00  | 111.15<br>7.83<br>-1.70 | 120.52<br>8.00<br>-2.93  | 100.80<br>5.89<br>-3.02  | 70.62<br>3.21<br>-1.79 | 51.25<br>1.99<br>-0.80 | 46.31<br>2.07<br>-0.28 | 40.80<br>1.89<br>-0.27 |
| HILLSIDE_115KV_TB1<br>80332                  | 33.66<br>-0.30<br>-0.33 | 29.27<br>-0.36<br>0.21 | 27.45<br>-0.36<br>-0.16 | 26.48<br>-0.27<br>-0.05 | 27.99<br>-0.34<br>-0.17 | 30.91<br>-0.45<br>0.47 | 37.37<br>-0.55<br>-1.12 | 44.57<br>-0.92<br>-1.52 | 43.58<br>-1.00<br>-1.13 | 38.38<br>-0.95<br>-1.42 | 40.92<br>-1.02<br>-1.25 | 42.04<br>-1.00<br>-1.34 | 46.67<br>-0.69<br>-4.33 | 52.04<br>-0.72<br>-4.80 | 54.86<br>-0.81<br>-5.07 | 59.87<br>-1.09<br>-3.78 | 74.42<br>-1.83<br>0.00 | 100.20<br>-1.42<br>0.00 | 109.05<br>-0.55<br>0.00  | 91.89<br>0.00<br>0.00    | 64.37<br>-1.25<br>0.00 | 47.83<br>-0.63<br>0.00 | 43.09<br>-0.88<br>0.00 | 38.02<br>-0.62<br>0.00 |



|                               |                         |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                         |                        |                        |                        |                        |                        |
|-------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HISHELDN_WT_PWR<br>323625     | 32.74<br>-1.01<br>-0.11 | 28.48<br>-0.96<br>0.40 | 26.72<br>-0.99<br>-0.06 | 25.88<br>-0.78<br>0.04  | 27.29<br>-0.93<br>-0.06 | 29.79<br>-1.14<br>0.89 | 35.66<br>-1.84<br>-0.70 | 43.44<br>-2.82<br>-2.28 | 41.63<br>-2.17<br>-0.35 | 35.94<br>-2.24<br>-0.27 | 39.00<br>-1.91<br>-0.23 | 40.45<br>-1.54<br>-0.28 | 43.29<br>-0.56<br>-0.82 | 46.95<br>-1.29<br>-0.29 | 49.96<br>-1.11<br>-0.47 | 55.90<br>-2.74<br>-1.47 | 71.45<br>-4.80<br>0.00 | 96.64<br>-4.98<br>0.00  | 106.09<br>-3.51<br>0.00 | 89.95<br>-1.93<br>0.00 | 62.40<br>-3.21<br>0.00 | 46.81<br>-1.65<br>0.00 | 42.30<br>-1.67<br>0.00 | 37.56<br>-1.08<br>0.00 |
| HOLTSVILLE_IC_1<br>23690      | 35.46<br>1.82<br>0.00   | 31.27<br>1.43<br>0.00  | 28.71<br>1.05<br>0.00   | 27.50<br>0.80<br>0.00   | 28.94<br>0.79<br>0.00   | 32.90<br>1.08<br>0.00  | 40.27<br>1.47<br>-2.00  | 46.20<br>1.01<br>-1.21  | 44.86<br>1.26<br>-0.15  | 40.03<br>2.12<br>0.00   | 42.60<br>1.91<br>0.00   | 28.59<br>1.67<br>14.79  | 42.00<br>1.34<br>2.37   | 47.22<br>1.20<br>1.94   | 49.70<br>1.37<br>2.26   | 52.13<br>1.71<br>6.76   | 61.53<br>2.82<br>17.55 | 69.30<br>4.78<br>37.09  | 74.44<br>4.39<br>39.55  | 64.69<br>2.85<br>30.05 | 52.57<br>1.31<br>14.36 | 49.67<br>0.58<br>-0.63 | 45.06<br>0.79<br>-0.30 | 40.72<br>1.78<br>-0.30 |
| HOLTSVILLE_IC_10<br>23699     | 35.63<br>1.98<br>0.00   | 31.39<br>1.55<br>0.00  | 28.82<br>1.16<br>0.00   | 27.58<br>0.88<br>0.00   | 29.06<br>0.90<br>0.00   | 33.03<br>1.21<br>0.00  | 40.41<br>1.62<br>-2.00  | 46.37<br>1.19<br>-1.21  | 45.08<br>1.48<br>-0.15  | 40.22<br>2.31<br>0.00   | 42.80<br>2.11<br>0.00   | 29.33<br>1.83<br>14.21  | 42.35<br>1.59<br>2.28   | 47.58<br>1.49<br>1.87   | 50.09<br>1.67<br>2.18   | 52.73<br>2.06<br>6.49   | 62.74<br>3.35<br>16.86 | 71.54<br>5.48<br>35.56  | 76.70<br>5.04<br>37.94  | 66.23<br>3.40<br>29.06 | 53.58<br>1.70<br>13.74 | 49.97<br>0.87<br>-0.64 | 45.28<br>1.01<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| HOLTSVILLE_IC_2<br>23691      | 35.46<br>1.82<br>0.00   | 31.27<br>1.43<br>0.00  | 28.71<br>1.05<br>0.00   | 27.50<br>0.80<br>0.00   | 28.94<br>0.79<br>0.00   | 32.90<br>1.08<br>0.00  | 40.27<br>1.47<br>-2.00  | 46.20<br>1.01<br>-1.21  | 44.86<br>1.26<br>-0.15  | 40.03<br>2.12<br>0.00   | 42.60<br>1.91<br>0.00   | 28.59<br>1.67<br>14.79  | 42.00<br>1.34<br>2.37   | 47.22<br>1.20<br>1.94   | 49.70<br>1.37<br>2.26   | 52.13<br>1.71<br>6.76   | 61.53<br>2.82<br>17.55 | 69.30<br>4.78<br>37.09  | 74.44<br>4.39<br>39.55  | 64.69<br>2.85<br>30.05 | 52.57<br>1.31<br>14.36 | 49.67<br>0.58<br>-0.63 | 45.06<br>0.79<br>-0.30 | 40.72<br>1.78<br>-0.30 |
| HOLTSVILLE_IC_3<br>23692      | 35.46<br>1.82<br>0.00   | 31.27<br>1.43<br>0.00  | 28.71<br>1.05<br>0.00   | 27.50<br>0.80<br>0.00   | 28.94<br>0.79<br>0.00   | 32.90<br>1.08<br>0.00  | 40.27<br>1.47<br>-2.00  | 46.20<br>1.01<br>-1.21  | 44.86<br>1.26<br>-0.15  | 40.03<br>2.12<br>0.00   | 42.60<br>1.91<br>0.00   | 28.59<br>1.67<br>14.79  | 42.00<br>1.34<br>2.37   | 47.22<br>1.20<br>1.94   | 49.70<br>1.37<br>2.26   | 52.13<br>1.71<br>6.76   | 61.53<br>2.82<br>17.55 | 69.30<br>4.78<br>37.09  | 74.44<br>4.39<br>39.55  | 64.69<br>2.85<br>30.05 | 52.57<br>1.31<br>14.36 | 49.67<br>0.58<br>-0.63 | 45.06<br>0.79<br>-0.30 | 40.72<br>1.78<br>-0.30 |
| HOLTSVILLE_IC_4<br>23693      | 35.46<br>1.82<br>0.00   | 31.27<br>1.43<br>0.00  | 28.71<br>1.05<br>0.00   | 27.50<br>0.80<br>0.00   | 28.94<br>0.79<br>0.00   | 32.90<br>1.08<br>0.00  | 40.27<br>1.47<br>-2.00  | 46.20<br>1.01<br>-1.21  | 44.86<br>1.26<br>-0.15  | 40.03<br>2.12<br>0.00   | 42.60<br>1.91<br>0.00   | 28.59<br>1.67<br>14.79  | 42.00<br>1.34<br>2.37   | 47.22<br>1.20<br>1.94   | 49.70<br>1.37<br>2.26   | 52.13<br>1.71<br>6.76   | 61.53<br>2.82<br>17.55 | 69.30<br>4.78<br>37.09  | 74.44<br>4.39<br>39.55  | 64.69<br>2.85<br>30.05 | 52.57<br>1.31<br>14.36 | 49.67<br>0.58<br>-0.63 | 45.06<br>0.79<br>-0.30 | 40.72<br>1.78<br>-0.30 |
| HOLTSVILLE_IC_5<br>23694      | 35.46<br>1.82<br>0.00   | 31.27<br>1.43<br>0.00  | 28.71<br>1.05<br>0.00   | 27.50<br>0.80<br>0.00   | 28.94<br>0.79<br>0.00   | 32.90<br>1.08<br>0.00  | 40.27<br>1.47<br>-2.00  | 46.20<br>1.01<br>-1.21  | 44.86<br>1.26<br>-0.15  | 40.03<br>2.12<br>0.00   | 42.60<br>1.91<br>0.00   | 28.59<br>1.67<br>14.79  | 42.00<br>1.34<br>2.37   | 47.22<br>1.20<br>1.94   | 49.70<br>1.37<br>2.26   | 52.13<br>1.71<br>6.76   | 61.53<br>2.82<br>17.55 | 69.30<br>4.78<br>37.09  | 74.44<br>4.39<br>39.55  | 64.69<br>2.85<br>30.05 | 52.57<br>1.31<br>14.36 | 49.67<br>0.58<br>-0.63 | 45.06<br>0.79<br>-0.30 | 40.72<br>1.78<br>-0.30 |
| HOLTSVILLE_IC_6<br>23695      | 35.63<br>1.98<br>0.00   | 31.39<br>1.55<br>0.00  | 28.82<br>1.16<br>0.00   | 27.58<br>0.88<br>0.00   | 29.06<br>0.90<br>0.00   | 33.03<br>1.21<br>0.00  | 40.41<br>1.62<br>-2.00  | 46.37<br>1.19<br>-1.21  | 45.08<br>1.48<br>-0.15  | 40.22<br>2.31<br>0.00   | 42.80<br>2.11<br>0.00   | 29.33<br>1.83<br>14.21  | 42.35<br>1.59<br>2.28   | 47.58<br>1.49<br>1.87   | 50.09<br>1.67<br>2.18   | 52.73<br>2.06<br>6.49   | 62.74<br>3.35<br>16.86 | 71.54<br>5.48<br>35.56  | 76.70<br>5.04<br>37.94  | 66.23<br>3.40<br>29.06 | 53.58<br>1.70<br>13.74 | 49.97<br>0.87<br>-0.64 | 45.28<br>1.01<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| HOLTSVILLE_IC_7<br>23696      | 35.63<br>1.98<br>0.00   | 31.39<br>1.55<br>0.00  | 28.82<br>1.16<br>0.00   | 27.58<br>0.88<br>0.00   | 29.06<br>0.90<br>0.00   | 33.03<br>1.21<br>0.00  | 40.41<br>1.62<br>-2.00  | 46.37<br>1.19<br>-1.21  | 45.08<br>1.48<br>-0.15  | 40.22<br>2.31<br>0.00   | 42.80<br>2.11<br>0.00   | 29.33<br>1.83<br>14.21  | 42.35<br>1.59<br>2.28   | 47.58<br>1.49<br>1.87   | 50.09<br>1.67<br>2.18   | 52.73<br>2.06<br>6.49   | 62.74<br>3.35<br>16.86 | 71.54<br>5.48<br>35.56  | 76.70<br>5.04<br>37.94  | 66.23<br>3.40<br>29.06 | 53.58<br>1.70<br>13.74 | 49.97<br>0.87<br>-0.64 | 45.28<br>1.01<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| HOLTSVILLE_IC_8<br>23697      | 35.63<br>1.98<br>0.00   | 31.39<br>1.55<br>0.00  | 28.82<br>1.16<br>0.00   | 27.58<br>0.88<br>0.00   | 29.06<br>0.90<br>0.00   | 33.03<br>1.21<br>0.00  | 40.41<br>1.62<br>-2.00  | 46.37<br>1.19<br>-1.21  | 45.08<br>1.48<br>-0.15  | 40.22<br>2.31<br>0.00   | 42.80<br>2.11<br>0.00   | 29.33<br>1.83<br>14.21  | 42.35<br>1.59<br>2.28   | 47.58<br>1.49<br>1.87   | 50.09<br>1.67<br>2.18   | 52.73<br>2.06<br>6.49   | 62.74<br>3.35<br>16.86 | 71.54<br>5.48<br>35.56  | 76.70<br>5.04<br>37.94  | 66.23<br>3.40<br>29.06 | 53.58<br>1.70<br>13.74 | 49.97<br>0.87<br>-0.64 | 45.28<br>1.01<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| HOLTSVILLE_IC_9<br>23698      | 35.63<br>1.98<br>0.00   | 31.39<br>1.55<br>0.00  | 28.82<br>1.16<br>0.00   | 27.58<br>0.88<br>0.00   | 29.06<br>0.90<br>0.00   | 33.03<br>1.21<br>0.00  | 40.41<br>1.62<br>-2.00  | 46.37<br>1.19<br>-1.21  | 45.08<br>1.48<br>-0.15  | 40.22<br>2.31<br>0.00   | 42.80<br>2.11<br>0.00   | 29.33<br>1.83<br>14.21  | 42.35<br>1.59<br>2.28   | 47.58<br>1.49<br>1.87   | 50.09<br>1.67<br>2.18   | 52.73<br>2.06<br>6.49   | 62.74<br>3.35<br>16.86 | 71.54<br>5.48<br>35.56  | 76.70<br>5.04<br>37.94  | 66.23<br>3.40<br>29.06 | 53.58<br>1.70<br>13.74 | 49.97<br>0.87<br>-0.64 | 45.28<br>1.01<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| HOMER_HL_115KV_TB2<br>355744  | 32.80<br>-0.94<br>-0.10 | 28.39<br>-1.04<br>0.40 | 26.63<br>-1.08<br>-0.05 | 25.82<br>-0.83<br>0.04  | 27.17<br>-1.04<br>-0.06 | 29.72<br>-1.21<br>0.89 | 35.68<br>-1.80<br>-0.69 | 42.06<br>-2.51<br>-0.60 | 41.57<br>-2.17<br>-0.29 | 37.29<br>-1.90<br>-1.28 | 39.87<br>-1.95<br>-1.13 | 41.00<br>-1.92<br>-1.21 | 45.61<br>-1.33<br>-3.91 | 51.20<br>-1.10<br>-4.34 | 53.11<br>-2.07<br>-4.59 | 55.62<br>-2.86<br>-1.31 | 71.22<br>-5.03<br>0.00 | 96.13<br>-5.49<br>0.00  | 105.54<br>-4.06<br>0.00 | 89.13<br>-2.76<br>0.00 | 61.81<br>-3.81<br>0.00 | 46.81<br>-1.65<br>0.00 | 42.08<br>-1.89<br>0.00 | 37.32<br>-1.31<br>0.00 |
| HOWARD_WT_PWR<br>323690       | 33.03<br>-0.84<br>-0.23 | 28.70<br>-0.84<br>0.31 | 27.00<br>-0.77<br>-0.11 | 26.09<br>-0.61<br>-0.01 | 27.60<br>-0.68<br>-0.12 | 30.41<br>-0.73<br>0.69 | 36.79<br>-0.96<br>-0.95 | 45.20<br>-1.19<br>-2.41 | 42.72<br>-1.30<br>-0.57 | 36.96<br>-1.40<br>-0.45 | 39.93<br>-1.14<br>-0.39 | 41.24<br>-0.96<br>-0.50 | 44.40<br>0.00<br>-1.36  | 48.29<br>-0.62<br>-0.96 | 51.81<br>0.05<br>-1.16  | 58.53<br>-0.80<br>-2.16 | 74.65<br>-1.60<br>0.00 | 101.42<br>-0.20<br>0.00 | 111.02<br>1.42<br>0.00  | 93.82<br>1.93<br>0.00  | 64.90<br>-0.72<br>0.00 | 48.12<br>-0.34<br>0.00 | 43.13<br>-0.84<br>0.00 | 37.98<br>-0.66<br>0.00 |
| HQ_GEN_CEDARS<br>23644        | 33.74<br>0.10<br>0.00   | 29.96<br>0.12<br>0.00  | 27.77<br>0.11<br>0.00   | 26.72<br>0.03<br>0.00   | 28.24<br>0.08<br>0.00   | 32.01<br>0.19<br>0.00  | 37.05<br>0.26<br>0.00   | 44.41<br>0.44<br>0.00   | 43.58<br>0.13<br>0.00   | 38.17<br>0.27<br>0.00   | 40.97<br>0.28<br>0.00   | 42.21<br>0.50<br>0.00   | 43.29<br>0.26<br>0.00   | 48.58<br>0.62<br>0.00   | 51.00<br>0.40<br>0.00   | 57.29<br>0.11<br>0.00   | 76.33<br>0.08<br>0.00  | 100.91<br>-0.71<br>0.00 | 108.83<br>-0.77<br>0.00 | 91.43<br>-0.46<br>0.00 | 66.14<br>0.52<br>0.00  | 48.90<br>0.44<br>0.00  | 44.41<br>0.44<br>0.00  | 38.83<br>0.19<br>0.00  |
| HQ_GEN_CEDARS_PROXY<br>323590 | 33.74<br>0.10<br>0.00   | 29.96<br>0.12<br>0.00  | 27.77<br>0.11<br>0.00   | 26.75<br>0.05<br>0.00   | 28.24<br>0.08<br>0.00   | 32.01<br>0.19<br>0.00  | 37.06<br>0.26<br>0.00   | 44.41<br>0.44<br>0.00   | 43.58<br>0.13<br>0.00   | 38.13<br>0.23<br>0.00   | 40.97<br>0.29<br>0.00   | 42.12<br>0.42<br>0.00   | 43.21<br>0.17<br>0.00   | 48.44<br>0.48<br>0.00   | 50.91<br>0.31<br>0.00   | 57.29<br>0.11<br>0.00   | 76.33<br>0.08<br>0.00  | 100.91<br>-0.71<br>0.00 | 108.84<br>-0.76<br>0.00 | 91.43<br>-0.46<br>0.00 | 66.14<br>0.52<br>0.00  | 48.90<br>0.44<br>0.00  | 44.41<br>0.44<br>0.00  | 38.83<br>0.19<br>0.00  |



|                               |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                        |                        |                        |
|-------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|
| HQ_GEN_IMPORT<br>323601       | 33.64<br>0.00<br>0.00   | 29.81<br>-0.03<br>0.00 | 27.63<br>-0.03<br>0.00  | 26.67<br>-0.03<br>0.00 | 28.13<br>-0.03<br>0.00  | 31.82<br>0.00<br>0.00  | 36.65<br>-0.15<br>0.00  | 43.84<br>-0.13<br>0.00  | 43.24<br>-0.22<br>0.00  | 37.79<br>-0.11<br>0.00  | 40.57<br>-0.12<br>0.00  | 41.58<br>-0.12<br>0.00  | 42.82<br>-0.21<br>0.00  | 48.06<br>0.10<br>0.00   | 50.65<br>0.05<br>0.00   | 57.17<br>0.00<br>0.00   | 76.87<br>-0.23<br>-0.85 | 99.66<br>-1.12<br>0.85  | 108.40<br>-1.20<br>0.00 | 79.56<br>-1.01<br>11.32 | 76.87<br>-0.07<br>-11.32 | 48.46<br>0.00<br>0.00  | 44.01<br>0.04<br>0.00  | 38.64<br>0.00<br>0.00  |
| HQ_GEN_WHEEL<br>23651         | 33.64<br>0.00<br>0.00   | 29.81<br>-0.03<br>0.00 | 27.63<br>-0.03<br>0.00  | 26.67<br>-0.03<br>0.00 | 28.13<br>-0.03<br>0.00  | 31.82<br>0.00<br>0.00  | 36.65<br>-0.15<br>0.00  | 43.84<br>-0.13<br>0.00  | 43.24<br>-0.22<br>0.00  | 37.79<br>-0.11<br>0.00  | 40.57<br>-0.12<br>0.00  | 41.58<br>-0.12<br>0.00  | 42.82<br>-0.21<br>0.00  | 48.06<br>0.10<br>0.00   | 50.65<br>0.05<br>0.00   | 57.17<br>0.00<br>0.00   | 76.87<br>-0.23<br>-0.85 | 99.66<br>-1.12<br>0.85  | 108.40<br>-1.20<br>0.00 | 79.56<br>-1.01<br>11.32 | 76.87<br>-0.07<br>-11.32 | 48.46<br>0.00<br>0.00  | 44.01<br>0.04<br>0.00  | 38.64<br>0.00<br>0.00  |
| HUDSON AVE_GT_3<br>23810      | 36.03<br>2.39<br>0.00   | 31.90<br>2.06<br>0.00  | 29.34<br>1.69<br>0.00   | 28.27<br>1.58<br>0.00  | 29.71<br>1.55<br>0.00   | 33.64<br>1.81<br>0.00  | 41.07<br>2.28<br>-2.00  | 47.80<br>2.59<br>-1.23  | 46.73<br>3.13<br>-0.15  | 40.79<br>2.88<br>0.00   | 43.94<br>3.25<br>0.00   | 44.96<br>3.25<br>0.00   | 46.43<br>3.40<br>0.00   | 50.89<br>2.93<br>0.00   | 53.64<br>3.04<br>0.00   | 60.54<br>3.37<br>0.00   | 81.74<br>5.49<br>0.00   | 112.14<br>8.54<br>-1.99 | 121.56<br>8.55<br>-3.41 | 101.66<br>6.25<br>-3.52 | 71.31<br>3.61<br>-2.08   | 51.53<br>2.18<br>-0.89 | 46.70<br>2.42<br>-0.31 | 41.14<br>2.20<br>-0.30 |
| HUDSON AVE_GT_4<br>23540      | 36.03<br>2.39<br>0.00   | 31.90<br>2.06<br>0.00  | 29.34<br>1.69<br>0.00   | 28.27<br>1.58<br>0.00  | 29.71<br>1.55<br>0.00   | 33.64<br>1.81<br>0.00  | 41.07<br>2.28<br>-2.00  | 47.80<br>2.59<br>-1.23  | 46.73<br>3.13<br>-0.15  | 40.79<br>2.88<br>0.00   | 43.94<br>3.25<br>0.00   | 44.96<br>3.25<br>0.00   | 46.43<br>3.40<br>0.00   | 50.89<br>2.93<br>0.00   | 53.64<br>3.04<br>0.00   | 60.54<br>3.37<br>0.00   | 81.74<br>5.49<br>0.00   | 112.14<br>8.54<br>-1.99 | 121.56<br>8.55<br>-3.41 | 101.66<br>6.25<br>-3.52 | 71.31<br>3.61<br>-2.08   | 51.53<br>2.18<br>-0.89 | 46.70<br>2.42<br>-0.31 | 41.14<br>2.20<br>-0.30 |
| HUDSON AVE_GT_5<br>23657      | 36.03<br>2.39<br>0.00   | 31.90<br>2.06<br>0.00  | 29.34<br>1.69<br>0.00   | 28.27<br>1.58<br>0.00  | 29.71<br>1.55<br>0.00   | 33.64<br>1.81<br>0.00  | 41.07<br>2.28<br>-2.00  | 47.80<br>2.59<br>-1.23  | 46.73<br>3.13<br>-0.15  | 40.79<br>2.88<br>0.00   | 43.94<br>3.25<br>0.00   | 44.96<br>3.25<br>0.00   | 46.43<br>3.40<br>0.00   | 50.89<br>2.93<br>0.00   | 53.64<br>3.04<br>0.00   | 60.54<br>3.37<br>0.00   | 81.74<br>5.49<br>0.00   | 112.14<br>8.54<br>-1.99 | 121.56<br>8.55<br>-3.41 | 101.66<br>6.25<br>-3.52 | 71.31<br>3.61<br>-2.08   | 51.53<br>2.18<br>-0.89 | 46.70<br>2.42<br>-0.31 | 41.14<br>2.20<br>-0.30 |
| HUDSON_AVE_10<br>24168        | 35.96<br>2.32<br>0.00   | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00   | 28.22<br>1.52<br>0.00  | 29.65<br>1.49<br>0.00   | 33.60<br>1.78<br>0.00  | 41.00<br>2.21<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.68<br>3.09<br>-0.15  | 40.75<br>2.84<br>0.00   | 43.86<br>3.17<br>0.00   | 44.83<br>3.13<br>0.00   | 46.35<br>3.31<br>0.00   | 50.79<br>2.83<br>0.00   | 53.53<br>2.93<br>0.00   | 60.43<br>3.26<br>0.00   | 81.66<br>5.41<br>0.00   | 112.04<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.57<br>6.16<br>-3.52 | 71.17<br>3.48<br>-2.08   | 51.43<br>2.08<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| HUDSON___115KV_TB 4<br>355613 | 34.35<br>0.71<br>0.00   | 30.52<br>0.69<br>0.00  | 28.29<br>0.64<br>0.00   | 27.34<br>0.64<br>0.00  | 28.83<br>0.68<br>0.00   | 32.62<br>0.80<br>0.00  | 8.74<br>1.36<br>29.42   | 27.35<br>1.50<br>18.12  | 42.55<br>1.26<br>2.16   | 38.51<br>0.61<br>0.00   | 41.13<br>0.65<br>0.21   | 41.71<br>0.54<br>0.54   | 42.65<br>0.56<br>0.94   | 45.60<br>0.14<br>2.50   | 47.54<br>0.30<br>3.36   | 52.19<br>0.63<br>5.61   | 74.90<br>1.91<br>3.26   | 72.18<br>3.76<br>33.20  | 63.71<br>4.60<br>50.49  | 43.23<br>3.49<br>52.15  | 36.66<br>1.84<br>30.80   | 36.52<br>1.11<br>13.05 | 40.46<br>1.01<br>4.52  | 35.04<br>0.85<br>4.45  |
| HUNTER MOUNT___DRP<br>323613  | 34.35<br>0.71<br>0.00   | 30.49<br>0.66<br>0.00  | 28.26<br>0.61<br>0.00   | 27.34<br>0.64<br>0.00  | 28.83<br>0.68<br>0.00   | 32.62<br>0.80<br>0.00  | 15.58<br>1.47<br>22.69  | 31.63<br>1.63<br>13.97  | 43.13<br>1.35<br>1.67   | 38.36<br>0.45<br>0.00   | 40.94<br>0.57<br>0.32   | 41.35<br>0.46<br>0.81   | 42.09<br>0.47<br>1.41   | 44.31<br>0.10<br>3.75   | 45.82<br>0.25<br>5.04   | 49.39<br>0.63<br>8.41   | 73.35<br>1.98<br>4.88   | 77.32<br>4.06<br>28.37  | 75.69<br>5.04<br>38.95  | 55.61<br>3.95<br>40.23  | 43.96<br>2.10<br>23.76   | 39.66<br>1.26<br>10.06 | 41.54<br>1.06<br>3.49  | 36.14<br>0.93<br>3.43  |
| HUNTINGTON_RES_REC<br>323705  | 35.56<br>1.92<br>0.00   | 31.36<br>1.52<br>0.00  | 28.82<br>1.16<br>0.00   | 27.60<br>0.91<br>0.00  | 29.06<br>0.90<br>0.00   | 33.00<br>1.18<br>0.00  | 40.37<br>1.58<br>-2.00  | 46.20<br>1.01<br>-1.21  | 44.91<br>1.30<br>-0.15  | 40.18<br>2.27<br>0.00   | 42.80<br>2.11<br>0.00   | 16.68<br>1.54<br>26.57  | 40.07<br>1.29<br>4.26   | 45.66<br>1.20<br>3.50   | 47.86<br>1.37<br>4.10   | 46.75<br>1.71<br>12.14  | 47.70<br>2.97<br>31.53  | 38.37<br>4.98<br>68.22  | 39.92<br>4.50<br>74.17  | 46.82<br>2.94<br>48.01  | 39.40<br>1.38<br>27.60   | 49.52<br>0.63<br>-0.43 | 45.19<br>0.92<br>-0.30 | 40.87<br>1.93<br>-0.30 |
| HUNTLEY___63<br>23557         | 32.87<br>-0.81<br>-0.04 | 28.63<br>-0.75<br>0.46 | 26.87<br>-0.80<br>-0.02 | 26.09<br>-0.53<br>0.07 | 27.45<br>-0.73<br>-0.02 | 29.77<br>-1.02<br>1.03 | 35.29<br>-2.06<br>-0.55 | 41.03<br>-3.30<br>-0.35 | 40.59<br>-2.95<br>-0.09 | 36.74<br>-2.43<br>-1.26 | 39.16<br>-2.64<br>-1.11 | 40.44<br>-2.46<br>-1.19 | 45.03<br>-1.85<br>-3.85 | 50.70<br>-1.53<br>-4.28 | 53.29<br>-1.82<br>-4.52 | 54.86<br>-3.03<br>-0.72 | 70.76<br>-5.49<br>0.00  | 94.61<br>-7.01<br>0.00  | 104.12<br>-5.48<br>0.00 | 88.58<br>-3.31<br>0.00  | 61.42<br>-4.20<br>0.00   | 46.52<br>-1.94<br>0.00 | 41.90<br>-2.07<br>0.00 | 37.71<br>-0.93<br>0.00 |
| HUNTLEY___64<br>23558         | 32.87<br>-0.81<br>-0.04 | 28.63<br>-0.75<br>0.46 | 26.87<br>-0.80<br>-0.02 | 26.09<br>-0.53<br>0.07 | 27.45<br>-0.73<br>-0.02 | 29.77<br>-1.02<br>1.03 | 35.29<br>-2.06<br>-0.55 | 41.03<br>-3.30<br>-0.35 | 40.59<br>-2.95<br>-0.09 | 36.74<br>-2.43<br>-1.26 | 39.16<br>-2.64<br>-1.11 | 40.44<br>-2.46<br>-1.19 | 45.03<br>-1.85<br>-3.85 | 50.70<br>-1.53<br>-4.28 | 53.29<br>-1.82<br>-4.52 | 54.86<br>-3.03<br>-0.72 | 70.76<br>-5.49<br>0.00  | 94.61<br>-7.01<br>0.00  | 104.12<br>-5.48<br>0.00 | 88.58<br>-3.31<br>0.00  | 61.42<br>-4.20<br>0.00   | 46.52<br>-1.94<br>0.00 | 41.90<br>-2.07<br>0.00 | 37.71<br>-0.93<br>0.00 |
| HUNTLEY___65<br>23559         | 32.87<br>-0.81<br>-0.04 | 28.63<br>-0.75<br>0.46 | 26.87<br>-0.80<br>-0.02 | 26.09<br>-0.53<br>0.07 | 27.45<br>-0.73<br>-0.02 | 29.77<br>-1.02<br>1.03 | 35.29<br>-2.06<br>-0.55 | 41.03<br>-3.30<br>-0.35 | 40.59<br>-2.95<br>-0.09 | 36.74<br>-2.43<br>-1.26 | 39.16<br>-2.64<br>-1.11 | 40.44<br>-2.46<br>-1.19 | 45.03<br>-1.85<br>-3.85 | 50.70<br>-1.53<br>-4.28 | 53.29<br>-1.82<br>-4.52 | 54.86<br>-3.03<br>-0.72 | 70.76<br>-5.49<br>0.00  | 94.61<br>-7.01<br>0.00  | 104.12<br>-5.48<br>0.00 | 88.58<br>-3.31<br>0.00  | 61.42<br>-4.20<br>0.00   | 46.52<br>-1.94<br>0.00 | 41.90<br>-2.07<br>0.00 | 37.71<br>-0.93<br>0.00 |
| HUNTLEY___66<br>23560         | 32.87<br>-0.81<br>-0.04 | 28.63<br>-0.75<br>0.46 | 26.87<br>-0.80<br>-0.02 | 26.09<br>-0.53<br>0.07 | 27.45<br>-0.73<br>-0.02 | 29.77<br>-1.02<br>1.03 | 35.29<br>-2.06<br>-0.55 | 41.03<br>-3.30<br>-0.35 | 40.59<br>-2.95<br>-0.09 | 36.74<br>-2.43<br>-1.26 | 39.16<br>-2.64<br>-1.11 | 40.44<br>-2.46<br>-1.19 | 45.03<br>-1.85<br>-3.85 | 50.70<br>-1.53<br>-4.28 | 53.29<br>-1.82<br>-4.52 | 54.86<br>-3.03<br>-0.72 | 70.76<br>-5.49<br>0.00  | 94.61<br>-7.01<br>0.00  | 104.12<br>-5.48<br>0.00 | 88.58<br>-3.31<br>0.00  | 61.42<br>-4.20<br>0.00   | 46.52<br>-1.94<br>0.00 | 41.90<br>-2.07<br>0.00 | 37.71<br>-0.93<br>0.00 |
| HUNTLEY___67<br>23561         | 32.67<br>-1.01<br>-0.04 | 28.45<br>-0.92<br>0.46 | 26.71<br>-0.97<br>-0.02 | 25.90<br>-0.72<br>0.07 | 27.28<br>-0.90<br>-0.02 | 29.62<br>-1.18<br>1.02 | 35.29<br>-2.06<br>-0.55 | 41.03<br>-3.30<br>-0.36 | 40.59<br>-2.95<br>-0.09 | 36.78<br>-2.39<br>-1.26 | 39.19<br>-2.60<br>-1.11 | 40.43<br>-2.46<br>-1.19 | 44.98<br>-1.89<br>-3.84 | 50.59<br>-1.63<br>-4.26 | 53.13<br>-1.97<br>-4.50 | 54.98<br>-2.92<br>-0.72 | 70.91<br>-5.34<br>0.00  | 94.81<br>-6.81<br>0.00  | 104.12<br>-5.48<br>0.00 | 88.58<br>-3.31<br>0.00  | 61.48<br>-4.13<br>0.00   | 46.38<br>-2.08<br>0.00 | 41.82<br>-2.15<br>0.00 | 37.48<br>-1.16<br>0.00 |
| HUNTLEY___68<br>23562         | 32.67<br>-1.01<br>-0.04 | 28.45<br>-0.92<br>0.46 | 26.71<br>-0.97<br>-0.02 | 25.90<br>-0.72<br>0.07 | 27.28<br>-0.90<br>-0.02 | 29.62<br>-1.18<br>1.02 | 35.29<br>-2.06<br>-0.55 | 41.03<br>-3.30<br>-0.36 | 40.59<br>-2.95<br>-0.09 | 36.78<br>-2.39<br>-1.26 | 39.19<br>-2.60<br>-1.11 | 40.43<br>-2.46<br>-1.19 | 44.98<br>-1.89<br>-3.84 | 50.59<br>-1.63<br>-4.26 | 53.13<br>-1.97<br>-4.50 | 54.98<br>-2.92<br>-0.72 | 70.91<br>-5.34<br>0.00  | 94.81<br>-6.81<br>0.00  | 104.12<br>-5.48<br>0.00 | 88.58<br>-3.31<br>0.00  | 61.48<br>-4.13<br>0.00   | 46.38<br>-2.08<br>0.00 | 41.82<br>-2.15<br>0.00 | 37.48<br>-1.16<br>0.00 |



|                              |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |                         |                          |                          |                          |                          |                        |                          |                           |                          |                         |                        |                        |                        |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|--------------------------|---------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| HYLAND___LFGE<br>323620      | 34.30<br>0.54<br>-0.12  | 29.85<br>0.42<br>0.40   | 28.19<br>0.47<br>-0.06  | 27.08<br>0.43<br>0.04   | 28.76<br>0.53<br>-0.06  | 31.53<br>0.60<br>0.90   | 38.30<br>0.77<br>-0.73  | 47.27<br>0.97<br>-2.33   | 44.63<br>0.82<br>-0.36  | 38.23<br>0.04<br>-0.28  | 40.84<br>-0.08<br>-0.24 | 41.92<br>-0.08<br>-0.30 | 44.40<br>0.52<br>-0.84   | 48.51<br>0.24<br>-0.30   | 52.00<br>0.91<br>-0.49   | 59.26<br>0.57<br>-1.52   | 77.01<br>0.76<br>0.00  | 106.08<br>4.47<br>0.00   | 116.62<br>7.02<br>0.00    | 99.61<br>7.72<br>0.00    | 68.96<br>3.34<br>0.00   | 51.22<br>2.76<br>0.00  | 45.86<br>1.89<br>0.00  | 40.22<br>1.58<br>0.00  |
| INDECK___CORINTH<br>23802    | 34.35<br>0.71<br>0.00   | 30.61<br>0.77<br>0.00   | 28.40<br>0.75<br>0.00   | 27.44<br>0.75<br>0.00   | 28.94<br>0.79<br>0.00   | 32.71<br>0.89<br>0.00   | 50.65<br>1.29<br>-12.57 | 53.16<br>1.45<br>-7.74   | 45.51<br>1.13<br>-0.93  | 38.40<br>0.49<br>0.00   | 40.81<br>0.12<br>0.00   | 41.83<br>0.13<br>0.00   | 43.08<br>0.04<br>0.00    | 47.86<br>-0.10<br>0.00   | 50.63<br>0.05<br>0.02    | 57.63<br>0.46<br>0.00    | 78.01<br>1.76<br>0.00  | 117.98<br>3.76<br>-12.60 | 136.06<br>4.82<br>-21.64  | 117.73<br>3.49<br>-22.35 | 80.78<br>1.97<br>-13.20 | 55.20<br>1.16<br>-5.57 | 46.91<br>1.01<br>-1.93 | 41.35<br>0.81<br>-1.90 |
| INDECK___ILION<br>23567      | 34.15<br>0.50<br>0.00   | 30.31<br>0.48<br>0.00   | 28.10<br>0.44<br>0.00   | 27.15<br>0.45<br>0.00   | 28.61<br>0.45<br>0.00   | 32.33<br>0.51<br>0.00   | 37.50<br>0.70<br>0.00   | 44.85<br>0.88<br>0.00    | 44.28<br>0.83<br>0.00   | 38.59<br>0.68<br>0.00   | 41.42<br>0.73<br>0.00   | 42.46<br>0.75<br>0.00   | 43.81<br>0.77<br>0.00    | 48.68<br>0.72<br>0.00    | 51.36<br>0.76<br>0.00    | 58.14<br>0.97<br>0.00    | 77.70<br>1.45<br>0.00  | 104.06<br>2.44<br>0.00   | 112.23<br>2.63<br>0.00    | 94.00<br>2.11<br>0.00    | 66.80<br>1.18<br>0.00   | 49.28<br>0.82<br>0.00  | 44.67<br>0.70<br>0.00  | 39.26<br>0.62<br>0.00  |
| INDECK___OLEAN<br>23982      | 32.80<br>-0.94<br>-0.10 | 28.39<br>-1.05<br>0.40  | 26.63<br>-1.08<br>-0.05 | 25.82<br>-0.83<br>0.04  | 27.17<br>-1.04<br>-0.06 | 29.72<br>-1.21<br>0.89  | 35.68<br>-1.80<br>-0.69 | 43.72<br>-2.50<br>-2.25  | 41.92<br>-1.82<br>-0.29 | 36.28<br>-1.86<br>-0.23 | 39.29<br>-1.59<br>-0.19 | 40.59<br>-1.34<br>-0.22 | 43.42<br>-0.30<br>-0.69  | 47.23<br>-0.86<br>-0.13  | 49.40<br>-1.52<br>-0.31  | 55.45<br>-3.03<br>-1.31  | 70.99<br>-5.26<br>0.00 | 96.33<br>-5.29<br>0.00   | 105.55<br>-4.05<br>0.00   | 89.13<br>-2.75<br>0.00   | 61.81<br>-3.81<br>0.00  | 46.81<br>-1.65<br>0.00 | 42.34<br>-1.63<br>0.00 | 37.32<br>-1.31<br>0.00 |
| INDECK___OSWEGO<br>23783     | 35.13<br>-0.67<br>-2.16 | 29.88<br>-0.60<br>-0.64 | 28.17<br>-0.53<br>-1.04 | 26.85<br>-0.53<br>-0.69 | 28.70<br>-0.56<br>-1.11 | 32.61<br>-0.64<br>-1.42 | 41.63<br>-0.63<br>-5.46 | 53.36<br>-0.66<br>-10.04 | 51.33<br>-0.61<br>-8.49 | 43.93<br>-0.64<br>-6.67 | 45.90<br>-0.69<br>-5.91 | 47.42<br>-0.71<br>-6.42 | 62.82<br>-0.56<br>-20.35 | 70.93<br>-0.86<br>-23.83 | 74.57<br>-0.86<br>-24.83 | 82.37<br>-0.97<br>-26.17 | 74.88<br>-1.37<br>0.00 | 100.29<br>-1.32<br>0.00  | 108.29<br>-1.31<br>0.00   | 91.15<br>-0.74<br>0.00   | 64.70<br>-0.92<br>0.00  | 47.73<br>-0.73<br>0.00 | 43.18<br>-0.79<br>0.00 | 37.94<br>-0.69<br>0.00 |
| INDECK___YERKES<br>23781     | 32.90<br>-0.77<br>-0.04 | 28.66<br>-0.72<br>0.46  | 26.90<br>-0.77<br>-0.02 | 26.09<br>-0.53<br>0.07  | 27.48<br>-0.70<br>-0.02 | 29.77<br>-1.02<br>1.03  | 35.25<br>-2.10<br>-0.55 | 42.86<br>-3.25<br>-2.15  | 41.28<br>-2.26<br>-0.09 | 35.66<br>-2.31<br>-0.07 | 38.82<br>-1.91<br>-0.05 | 40.38<br>-1.42<br>-0.09 | 42.88<br>-0.35<br>-0.19  | 46.35<br>-1.10<br>0.51   | 49.35<br>-0.91<br>0.34   | 54.74<br>-3.14<br>-0.72  | 70.45<br>-5.80<br>0.00 | 95.01<br>-6.60<br>0.00   | 104.12<br>-5.48<br>0.00   | 88.58<br>-3.30<br>0.00   | 61.42<br>-4.20<br>0.00  | 46.52<br>-1.94<br>0.00 | 42.30<br>-1.67<br>0.00 | 37.71<br>-0.93<br>0.00 |
| INDIAN POINT_GT_1<br>24139   | 35.59<br>1.95<br>0.00   | 31.51<br>1.67<br>0.00   | 29.04<br>1.38<br>0.00   | 28.00<br>1.31<br>0.00   | 29.45<br>1.30<br>0.00   | 33.32<br>1.50<br>0.00   | 40.71<br>1.95<br>-1.96  | 47.42<br>2.24<br>-1.21   | 46.29<br>2.69<br>-0.14  | 40.37<br>2.46<br>0.00   | 43.45<br>2.77<br>0.00   | 44.42<br>2.71<br>0.00   | 45.92<br>2.88<br>0.00    | 50.36<br>2.40<br>0.00    | 53.13<br>2.53<br>0.00    | 60.03<br>2.86<br>0.00    | 80.98<br>4.73<br>0.00  | 111.07<br>7.52<br>-1.93  | 120.58<br>7.67<br>-3.31   | 100.82<br>5.51<br>-3.42  | 70.72<br>3.08<br>-2.02  | 51.22<br>1.89<br>-0.87 | 46.34<br>2.07<br>-0.30 | 40.79<br>1.85<br>-0.30 |
| INDIAN POINT_GT_2<br>23659   | 35.59<br>1.95<br>0.00   | 31.51<br>1.67<br>0.00   | 29.04<br>1.38<br>0.00   | 28.00<br>1.31<br>0.00   | 29.45<br>1.30<br>0.00   | 33.32<br>1.50<br>0.00   | 40.71<br>1.95<br>-1.96  | 47.42<br>2.24<br>-1.21   | 46.29<br>2.69<br>-0.14  | 40.37<br>2.46<br>0.00   | 43.45<br>2.77<br>0.00   | 44.42<br>2.71<br>0.00   | 45.92<br>2.88<br>0.00    | 50.36<br>2.40<br>0.00    | 53.13<br>2.53<br>0.00    | 60.03<br>2.86<br>0.00    | 80.98<br>4.73<br>0.00  | 111.07<br>7.52<br>-1.93  | 120.58<br>7.67<br>-3.31   | 100.82<br>5.51<br>-3.42  | 70.72<br>3.08<br>-2.02  | 51.22<br>1.89<br>-0.87 | 46.34<br>2.07<br>-0.30 | 40.79<br>1.85<br>-0.30 |
| INDIAN POINT_GT_3<br>24019   | 35.59<br>1.95<br>0.00   | 31.51<br>1.67<br>0.00   | 29.04<br>1.38<br>0.00   | 28.00<br>1.31<br>0.00   | 29.45<br>1.30<br>0.00   | 33.32<br>1.50<br>0.00   | 40.71<br>1.95<br>-1.96  | 47.42<br>2.24<br>-1.21   | 46.29<br>2.69<br>-0.14  | 40.37<br>2.46<br>0.00   | 43.45<br>2.77<br>0.00   | 44.42<br>2.71<br>0.00   | 45.92<br>2.88<br>0.00    | 50.36<br>2.40<br>0.00    | 53.13<br>2.53<br>0.00    | 60.03<br>2.86<br>0.00    | 80.98<br>4.73<br>0.00  | 111.07<br>7.52<br>-1.93  | 120.58<br>7.67<br>-3.31   | 100.82<br>5.51<br>-3.42  | 70.72<br>3.08<br>-2.02  | 51.22<br>1.89<br>-0.87 | 46.34<br>2.07<br>-0.30 | 40.79<br>1.85<br>-0.30 |
| INDIAN POINT___2<br>23530    | 35.56<br>1.92<br>0.00   | 31.48<br>1.64<br>0.00   | 29.01<br>1.35<br>0.00   | 27.98<br>1.28<br>0.00   | 29.43<br>1.27<br>0.00   | 33.29<br>1.46<br>0.00   | 40.61<br>1.91<br>-1.90  | 47.38<br>2.24<br>-1.17   | 46.08<br>2.48<br>-0.15  | 40.30<br>2.39<br>0.00   | 43.21<br>2.52<br>0.00   | 44.25<br>2.54<br>0.00   | 45.66<br>2.63<br>0.00    | 50.40<br>2.44<br>0.00    | 53.10<br>2.48<br>-0.02   | 60.03<br>2.86<br>0.00    | 80.90<br>4.65<br>0.00  | 110.88<br>7.41<br>-1.84  | 120.32<br>7.56<br>-3.17   | 100.67<br>5.51<br>-3.27  | 70.63<br>3.08<br>-1.93  | 51.19<br>1.89<br>-0.84 | 46.24<br>1.98<br>-0.29 | 40.78<br>1.85<br>-0.29 |
| INDIAN POINT___3<br>23531    | 35.56<br>1.92<br>0.00   | 31.48<br>1.64<br>0.00   | 29.01<br>1.36<br>0.00   | 27.98<br>1.28<br>0.00   | 29.42<br>1.27<br>0.00   | 33.29<br>1.46<br>0.00   | 40.68<br>1.91<br>-1.97  | 47.38<br>2.20<br>-1.21   | 46.20<br>2.61<br>-0.14  | 40.33<br>2.43<br>0.00   | 43.41<br>2.73<br>0.00   | 44.38<br>2.67<br>0.00   | 45.83<br>2.80<br>0.00    | 50.31<br>2.35<br>0.00    | 53.08<br>2.48<br>0.00    | 59.97<br>2.80<br>0.00    | 80.90<br>4.65<br>0.00  | 110.86<br>7.32<br>-1.93  | 120.37<br>7.45<br>-3.31   | 100.73<br>5.42<br>-3.42  | 70.66<br>3.02<br>-2.02  | 51.17<br>1.84<br>-0.87 | 46.30<br>2.02<br>-0.30 | 40.75<br>1.82<br>-0.30 |
| INGHAM_C_115KV_TB7<br>356103 | 34.68<br>1.04<br>0.00   | 30.82<br>0.98<br>0.00   | 28.54<br>0.88<br>0.00   | 27.58<br>0.88<br>0.00   | 29.06<br>0.90<br>0.00   | 32.87<br>1.05<br>0.00   | 38.12<br>1.32<br>0.00   | 45.60<br>1.63<br>0.00    | 45.02<br>1.56<br>0.00   | 39.19<br>1.29<br>0.00   | 42.11<br>1.42<br>0.00   | 43.12<br>1.42<br>0.00   | 44.54<br>1.51<br>0.00    | 49.49<br>1.53<br>0.00    | 52.22<br>1.62<br>0.00    | 59.06<br>1.89<br>0.00    | 78.92<br>2.67<br>0.00  | 105.78<br>4.17<br>0.00   | 114.09<br>4.49<br>0.00    | 95.56<br>3.68<br>0.00    | 67.91<br>2.30<br>0.00   | 50.11<br>1.65<br>0.00  | 45.33<br>1.36<br>0.00  | 39.84<br>1.20<br>0.00  |
| IP CORINTH___1<br>23988      | 34.55<br>0.91<br>0.00   | 30.76<br>0.92<br>0.00   | 28.54<br>0.88<br>0.00   | 27.58<br>0.88<br>0.00   | 29.09<br>0.93<br>0.00   | 32.90<br>1.08<br>0.00   | 50.87<br>1.51<br>-12.57 | 53.38<br>1.67<br>-7.74   | 45.81<br>1.43<br>-0.92  | 38.63<br>0.72<br>0.00   | 41.13<br>0.45<br>0.00   | 42.12<br>0.42<br>0.00   | 43.51<br>0.47<br>0.00    | 48.10<br>0.14<br>0.00    | 50.95<br>0.35<br>0.00    | 57.91<br>0.74<br>0.00    | 78.46<br>2.21<br>0.00  | 118.49<br>4.27<br>-12.60 | 136.72<br>5.48<br>-21.64  | 118.28<br>4.04<br>-22.35 | 81.18<br>2.36<br>-13.20 | 55.44<br>1.41<br>-5.57 | 47.18<br>1.28<br>-1.93 | 41.58<br>1.04<br>-1.90 |
| IP___TICONDEROGA<br>23804    | 35.63<br>1.98<br>0.00   | 31.75<br>1.91<br>0.00   | 29.48<br>1.83<br>0.00   | 28.48<br>1.79<br>0.00   | 30.07<br>1.91<br>0.00   | 34.14<br>2.32<br>0.00   | 52.85<br>2.98<br>-13.07 | 55.45<br>3.43<br>-8.05   | 47.24<br>2.82<br>-0.96  | 39.50<br>1.59<br>0.00   | 41.95<br>1.26<br>0.00   | 43.00<br>1.29<br>0.00   | 44.37<br>1.33<br>0.00    | 49.16<br>1.20<br>0.00    | 52.17<br>1.57<br>0.00    | 59.46<br>2.29<br>0.00    | 80.98<br>4.73<br>0.00  | 122.96<br>8.23<br>-13.11 | 142.64<br>10.52<br>-22.52 | 123.32<br>8.18<br>-23.25 | 84.53<br>5.18<br>-13.73 | 57.60<br>3.34<br>-5.80 | 48.79<br>2.81<br>-2.01 | 42.97<br>2.36<br>-1.98 |
| ISLIP_RES_REC<br>323679      | 35.73<br>2.09<br>0.00   | 31.48<br>1.64<br>0.00   | 28.93<br>1.27<br>0.00   | 27.68<br>0.99<br>0.00   | 29.14<br>0.99<br>0.00   | 33.16<br>1.34<br>0.00   | 40.56<br>1.77<br>-2.00  | 46.59<br>1.41<br>-1.21   | 45.25<br>1.65<br>-0.15  | 40.37<br>2.46<br>0.00   | 43.00<br>2.32<br>0.00   | 31.14<br>2.08<br>12.65  | 42.86<br>1.85<br>2.03    | 48.07<br>1.78<br>1.66    | 50.69<br>2.03<br>1.94    | 53.85<br>2.46<br>5.78    | 65.13<br>3.89<br>15.01 | 76.38<br>6.20<br>31.44   | 81.98<br>5.80<br>33.42    | 69.24<br>3.95<br>26.60   | 55.70<br>2.10<br>12.01  | 50.29<br>1.16<br>-0.66 | 45.50<br>1.23<br>-0.30 | 41.06<br>2.12<br>-0.30 |



|                                         |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                        |                        |                         |                        |                          |                          |                          |                         |                        |                        |                        |
|-----------------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| JAMAICA__27_KV_LOAD<br>355505           | 36.23<br>2.59<br>0.00   | 32.08<br>2.24<br>0.00  | 29.48<br>1.83<br>0.00   | 28.40<br>1.71<br>0.00  | 29.85<br>1.69<br>0.00   | 33.83<br>2.00<br>0.00  | 41.33<br>2.54<br>-2.00  | 48.06<br>2.86<br>-1.23  | 47.03<br>3.43<br>-0.15  | 41.13<br>3.22<br>0.00   | 44.10<br>3.42<br>0.00   | 45.13<br>3.42<br>0.00   | 46.65<br>3.61<br>0.00   | 51.13<br>3.17<br>0.00  | 53.94<br>3.34<br>0.00  | 60.83<br>3.66<br>0.00   | 82.27<br>6.02<br>0.00  | 112.95<br>9.35<br>-1.99  | 122.55<br>9.54<br>-3.41  | 102.49<br>7.08<br>-3.52  | 71.77<br>4.07<br>-2.08  | 51.77<br>2.42<br>-0.89 | 46.92<br>2.64<br>-0.31 | 41.41<br>2.47<br>-0.30 |
| JANIS__SOLAR<br>323808                  | 34.90<br>0.81<br>-0.46  | 30.47<br>0.75<br>0.11  | 28.59<br>0.72<br>-0.22  | 27.52<br>0.72<br>-0.10 | 29.10<br>0.70<br>-0.24  | 32.43<br>0.86<br>0.25  | 39.51<br>1.32<br>-1.39  | 48.76<br>1.67<br>-3.12  | 47.11<br>1.78<br>-1.88  | 40.33<br>0.95<br>-1.47  | 42.76<br>0.77<br>-1.30  | 43.89<br>0.79<br>-1.39  | 48.64<br>1.12<br>-4.49  | 53.91<br>0.96<br>-4.99 | 56.98<br>1.11<br>-5.27 | 64.78<br>1.66<br>-5.95  | 79.07<br>2.82<br>0.00  | 107.61<br>5.99<br>0.00   | 117.60<br>8.00<br>0.00   | 99.06<br>7.17<br>0.00    | 69.42<br>3.80<br>0.00   | 51.12<br>2.66<br>0.00  | 45.86<br>1.89<br>0.00  | 40.19<br>1.55<br>0.00  |
| JARVIS____<br>23743                     | 33.74<br>0.10<br>0.00   | 29.96<br>0.12<br>0.00  | 27.77<br>0.11<br>0.00   | 26.80<br>0.11<br>0.00  | 28.27<br>0.11<br>0.00   | 31.95<br>0.13<br>0.00  | 37.02<br>0.22<br>0.00   | 44.24<br>0.27<br>0.00   | 43.71<br>0.26<br>0.00   | 38.10<br>0.19<br>0.00   | 40.89<br>0.20<br>0.00   | 41.92<br>0.21<br>0.00   | 43.25<br>0.22<br>0.00   | 48.06<br>0.10<br>0.00  | 50.70<br>0.10<br>0.00  | 57.34<br>0.17<br>0.00   | 76.71<br>0.46<br>0.00  | 102.53<br>0.91<br>0.00   | 110.58<br>0.98<br>0.00   | 92.62<br>0.73<br>0.00    | 65.95<br>0.33<br>0.00   | 48.65<br>0.19<br>0.00  | 44.10<br>0.13<br>0.00  | 38.75<br>0.12<br>0.00  |
| JENNISON____1<br>23625                  | 35.09<br>1.04<br>-0.41  | 30.79<br>0.95<br>0.00  | 28.77<br>0.91<br>-0.20  | 27.71<br>0.91<br>-0.11 | 29.27<br>0.90<br>-0.21  | 32.87<br>1.05<br>0.00  | 39.50<br>1.55<br>-1.16  | 47.32<br>1.98<br>-1.37  | 47.83<br>3.09<br>-1.29  | 41.12<br>2.20<br>-1.01  | 43.70<br>2.12<br>-0.89  | 44.87<br>2.21<br>-0.95  | 48.49<br>2.37<br>-3.09  | 53.88<br>2.49<br>-3.43 | 56.70<br>2.48<br>-3.62 | 64.81<br>3.54<br>-4.09  | 81.74<br>5.49<br>0.00  | 112.19<br>10.57<br>0.00  | 121.65<br>12.06<br>0.00  | 102.00<br>10.11<br>0.00  | 71.39<br>5.77<br>0.00   | 52.53<br>4.07<br>0.00  | 47.09<br>3.12<br>0.00  | 41.23<br>2.59<br>0.00  |
| JENNISON____2<br>23626                  | 35.09<br>1.04<br>-0.41  | 30.79<br>0.95<br>0.00  | 28.77<br>0.91<br>-0.20  | 27.71<br>0.91<br>-0.11 | 29.27<br>0.90<br>-0.21  | 32.87<br>1.05<br>0.00  | 39.50<br>1.55<br>-1.16  | 47.32<br>1.98<br>-1.37  | 47.83<br>3.09<br>-1.29  | 41.12<br>2.20<br>-1.01  | 43.70<br>2.12<br>-0.89  | 44.87<br>2.21<br>-0.95  | 48.49<br>2.37<br>-3.09  | 53.88<br>2.49<br>-3.43 | 56.70<br>2.48<br>-3.62 | 64.81<br>3.54<br>-4.09  | 81.74<br>5.49<br>0.00  | 112.19<br>10.57<br>0.00  | 121.65<br>12.06<br>0.00  | 102.00<br>10.11<br>0.00  | 71.39<br>5.77<br>0.00   | 52.53<br>4.07<br>0.00  | 47.09<br>3.12<br>0.00  | 41.23<br>2.59<br>0.00  |
| JERICOHO_RISE_WT_PWR<br>323719          | 33.34<br>-0.30<br>0.00  | 29.45<br>-0.39<br>0.00 | 27.24<br>-0.41<br>0.00  | 26.22<br>-0.48<br>0.00 | 27.71<br>-0.45<br>0.00  | 31.53<br>-0.29<br>0.00 | 36.69<br>-0.11<br>0.00  | 44.10<br>0.13<br>0.00   | 43.36<br>-0.09<br>0.00  | 38.21<br>0.30<br>0.00   | 41.26<br>0.57<br>0.00   | 42.17<br>0.46<br>0.00   | 42.90<br>-0.13<br>0.00  | 47.48<br>-1.06<br>0.00 | 49.53<br>-1.06<br>0.00 | 55.74<br>-1.43<br>0.00  | 74.42<br>-1.83<br>0.00 | 98.67<br>-2.95<br>0.00   | 106.20<br>-3.40<br>0.00  | 88.86<br>-3.03<br>0.00   | 64.11<br>-1.51<br>0.00  | 47.30<br>-1.16<br>0.00 | 43.40<br>-0.57<br>0.00 | 38.02<br>-0.62<br>0.00 |
| KATONAH__115KV_46KV_TB4<br>355592       | 35.69<br>2.05<br>0.00   | 31.63<br>1.79<br>0.00  | 29.15<br>1.49<br>0.00   | 28.11<br>1.41<br>0.00  | 29.54<br>1.38<br>0.00   | 33.48<br>1.65<br>0.00  | 40.96<br>2.13<br>-2.03  | 47.68<br>2.46<br>-1.25  | 46.47<br>2.87<br>-0.15  | 40.48<br>2.58<br>0.00   | 43.58<br>2.89<br>0.00   | 44.54<br>2.84<br>0.00   | 46.09<br>3.06<br>0.00   | 50.60<br>2.64<br>0.00  | 53.28<br>2.68<br>0.00  | 60.32<br>3.14<br>0.00   | 81.36<br>5.11<br>0.00  | 111.46<br>7.82<br>-2.01  | 121.16<br>8.11<br>-3.46  | 101.43<br>5.97<br>-3.57  | 71.07<br>3.35<br>-2.11  | 51.44<br>2.08<br>-0.90 | 46.48<br>2.20<br>-0.31 | 40.92<br>1.97<br>-0.31 |
| KCE_NY_1<br>323755                      | 34.92<br>1.28<br>0.00   | 31.03<br>1.19<br>0.00  | 28.79<br>1.13<br>0.00   | 27.82<br>1.12<br>0.00  | 29.34<br>1.18<br>0.00   | 33.19<br>1.37<br>0.00  | 52.39<br>1.80<br>-13.79 | 54.49<br>2.02<br>-8.49  | 46.29<br>1.82<br>-1.02  | 39.12<br>1.21<br>0.00   | 41.74<br>1.06<br>0.00   | 42.79<br>1.08<br>0.00   | 44.02<br>0.99<br>0.00   | 48.82<br>0.86<br>0.00  | 51.59<br>1.01<br>0.02  | 58.66<br>1.48<br>0.00   | 79.15<br>2.90<br>0.00  | 120.52<br>5.08<br>-13.83 | 139.37<br>6.02<br>-23.74 | 121.00<br>4.59<br>-24.52 | 82.92<br>2.82<br>-14.48 | 56.47<br>1.89<br>-6.12 | 47.76<br>1.67<br>-2.12 | 42.19<br>1.47<br>-2.08 |
| KCE_NY_6_ESR<br>323823                  | 32.89<br>-0.81<br>-0.06 | 28.59<br>-0.80<br>0.44 | 26.83<br>-0.86<br>-0.03 | 26.02<br>-0.61<br>0.06 | 27.40<br>-0.79<br>-0.03 | 29.82<br>-1.02<br>0.98 | 35.59<br>-1.80<br>-0.59 | 43.30<br>-2.86<br>-2.18 | 41.70<br>-1.91<br>-0.16 | 36.02<br>-2.01<br>-0.13 | 39.20<br>-1.59<br>-0.10 | 40.68<br>-1.17<br>-0.14 | 43.28<br>-0.13<br>-0.37 | 46.87<br>-0.82<br>0.27 | 49.84<br>-0.66<br>0.10 | 55.65<br>-2.46<br>-0.93 | 71.45<br>-4.80<br>0.00 | 96.54<br>-5.08<br>0.00   | 105.87<br>-3.73<br>0.00  | 89.87<br>-2.02<br>0.00   | 62.27<br>-3.34<br>0.00  | 46.91<br>-1.55<br>0.00 | 42.52<br>-1.45<br>0.00 | 37.79<br>-0.85<br>0.00 |
| KEDC_PORT_JEFF_GT2<br>24210             | 35.56<br>1.92<br>0.00   | 31.33<br>1.49<br>0.00  | 28.79<br>1.13<br>0.00   | 27.55<br>0.85<br>0.00  | 29.00<br>0.84<br>0.00   | 32.97<br>1.14<br>0.00  | 40.34<br>1.55<br>-2.00  | 46.29<br>1.10<br>-1.21  | 44.99<br>1.39<br>-0.15  | 40.14<br>2.24<br>0.00   | 42.72<br>2.03<br>0.00   | 27.64<br>1.71<br>15.78  | 41.92<br>1.42<br>2.53   | 47.18<br>1.30<br>2.07  | 49.60<br>1.41<br>2.42  | 51.68<br>1.71<br>7.21   | 60.43<br>2.90<br>18.72 | 66.49<br>4.58<br>39.71   | 70.83<br>3.73<br>42.50   | 62.95<br>2.57<br>31.51   | 51.44<br>1.31<br>15.49  | 49.70<br>0.63<br>-0.61 | 45.15<br>0.88<br>-0.30 | 40.80<br>1.85<br>-0.30 |
| KEDC_PORT_JEFF_GT3<br>24211             | 35.56<br>1.92<br>0.00   | 31.33<br>1.49<br>0.00  | 28.79<br>1.13<br>0.00   | 27.55<br>0.85<br>0.00  | 29.00<br>0.84<br>0.00   | 32.97<br>1.14<br>0.00  | 40.34<br>1.55<br>-2.00  | 46.29<br>1.10<br>-1.21  | 44.99<br>1.39<br>-0.15  | 40.14<br>2.24<br>0.00   | 42.72<br>2.03<br>0.00   | 27.64<br>1.71<br>15.78  | 41.92<br>1.42<br>2.53   | 47.18<br>1.30<br>2.07  | 49.60<br>1.41<br>2.42  | 51.68<br>1.71<br>7.21   | 60.43<br>2.90<br>18.72 | 66.49<br>4.58<br>39.71   | 70.83<br>3.73<br>42.50   | 62.95<br>2.57<br>31.51   | 51.44<br>1.31<br>15.49  | 49.70<br>0.63<br>-0.61 | 45.15<br>0.88<br>-0.30 | 40.80<br>1.85<br>-0.30 |
| KEDC_GLWD_GT4<br>24219                  | 35.86<br>2.22<br>0.00   | 31.72<br>1.88<br>0.00  | 29.18<br>1.52<br>0.00   | 28.06<br>1.36<br>0.00  | 29.51<br>1.35<br>0.00   | 33.44<br>1.62<br>0.00  | 40.85<br>2.06<br>-2.00  | 47.35<br>2.15<br>-1.22  | 46.09<br>2.48<br>-0.16  | 40.60<br>2.69<br>0.00   | 43.53<br>2.85<br>0.00   | 44.46<br>2.75<br>0.00   | 45.75<br>2.71<br>0.00   | 50.59<br>2.64<br>0.00  | 53.05<br>2.43<br>-0.02 | 60.03<br>2.86<br>0.00   | 80.83<br>4.57<br>0.00  | 110.71<br>7.11<br>-1.98  | 120.03<br>7.02<br>-3.41  | 96.50<br>5.05<br>0.44    | 70.45<br>2.76<br>-2.08  | 50.99<br>1.65<br>-0.88 | 46.30<br>2.02<br>-0.30 | 41.18<br>2.24<br>-0.30 |
| KEDC_GLWD_GT5<br>24220                  | 35.86<br>2.22<br>0.00   | 31.72<br>1.88<br>0.00  | 29.18<br>1.52<br>0.00   | 28.06<br>1.36<br>0.00  | 29.51<br>1.35<br>0.00   | 33.44<br>1.62<br>0.00  | 40.85<br>2.06<br>-2.00  | 47.35<br>2.15<br>-1.22  | 46.09<br>2.48<br>-0.16  | 40.60<br>2.69<br>0.00   | 43.53<br>2.85<br>0.00   | 44.46<br>2.75<br>0.00   | 45.75<br>2.71<br>0.00   | 50.59<br>2.64<br>0.00  | 53.05<br>2.43<br>-0.02 | 60.03<br>2.86<br>0.00   | 80.83<br>4.57<br>0.00  | 110.71<br>7.11<br>-1.98  | 120.03<br>7.02<br>-3.41  | 96.50<br>5.05<br>0.44    | 70.45<br>2.76<br>-2.08  | 50.99<br>1.65<br>-0.88 | 46.30<br>2.02<br>-0.30 | 41.18<br>2.24<br>-0.30 |
| KENSICO____<br>23655                    | 35.69<br>2.05<br>0.00   | 31.60<br>1.76<br>0.00  | 29.12<br>1.47<br>0.00   | 28.06<br>1.36<br>0.00  | 29.51<br>1.35<br>0.00   | 33.41<br>1.59<br>0.00  | 40.81<br>2.02<br>-1.99  | 47.53<br>2.33<br>-1.23  | 46.38<br>2.78<br>-0.15  | 40.45<br>2.54<br>0.00   | 43.58<br>2.89<br>0.00   | 44.54<br>2.84<br>0.00   | 46.05<br>3.01<br>0.00   | 50.45<br>2.49<br>0.00  | 53.23<br>2.63<br>0.00  | 60.14<br>2.97<br>0.00   | 81.13<br>4.88<br>0.00  | 111.22<br>7.62<br>-1.98  | 120.77<br>7.78<br>-3.39  | 101.09<br>5.70<br>-3.50  | 70.90<br>3.22<br>-2.07  | 51.28<br>1.94<br>-0.88 | 46.43<br>2.15<br>-0.31 | 40.87<br>1.93<br>-0.30 |
| KERHONKS_69_KV_TR1_REV_LBMP_G<br>345021 | 35.69<br>2.05<br>0.00   | 31.60<br>1.76<br>0.00  | 29.15<br>1.49<br>0.00   | 28.19<br>1.49<br>0.00  | 29.65<br>1.49<br>0.00   | 33.54<br>1.72<br>0.00  | 39.04<br>2.24<br>0.00   | 46.65<br>2.68<br>0.00   | 46.41<br>2.95<br>0.00   | 40.52<br>2.62<br>0.00   | 43.46<br>2.81<br>0.04   | 44.36<br>2.75<br>0.10   | 45.79<br>2.93<br>0.17   | 50.14<br>2.64<br>0.46  | 52.77<br>2.78<br>0.62  | 59.46<br>3.32<br>1.03   | 81.22<br>5.57<br>0.60  | 109.87<br>8.94<br>0.70   | 119.13<br>9.54<br>0.00   | 99.24<br>7.35<br>0.00    | 69.68<br>4.07<br>0.00   | 51.03<br>2.57<br>0.00  | 46.48<br>2.51<br>0.00  | 40.88<br>2.24<br>0.00  |



|                                   |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                          |                        |                          |                           |                          |                         |                        |                        |                        |
|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|------------------------|--------------------------|---------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| KIAC_JFK_GT1<br>23816             | 36.03<br>2.39<br>0.00   | 31.90<br>2.06<br>0.00   | 29.31<br>1.66<br>0.00   | 28.24<br>1.55<br>0.00   | 29.68<br>1.52<br>0.00   | 33.67<br>1.85<br>0.00   | 41.11<br>2.32<br>-2.00  | 47.66<br>2.46<br>-1.23  | 46.64<br>3.04<br>-0.15 | 40.94<br>3.03<br>0.00   | 43.74<br>3.05<br>0.00   | 44.71<br>3.00<br>0.00   | 46.22<br>3.18<br>0.00   | 50.65<br>2.69<br>0.00   | 53.43<br>2.83<br>0.00   | 60.26<br>3.09<br>0.00    | 81.59<br>5.34<br>0.00  | 111.94<br>8.33<br>-1.99  | 121.34<br>8.33<br>-3.41   | 101.48<br>6.06<br>-3.52  | 71.11<br>3.41<br>-2.08  | 51.28<br>1.94<br>-0.89 | 46.52<br>2.24<br>-0.31 | 41.18<br>2.24<br>-0.30 |
| KIAC_JFK_GT2<br>23817             | 36.03<br>2.39<br>0.00   | 31.90<br>2.06<br>0.00   | 29.31<br>1.66<br>0.00   | 28.24<br>1.55<br>0.00   | 29.68<br>1.52<br>0.00   | 33.67<br>1.85<br>0.00   | 41.11<br>2.32<br>-2.00  | 47.66<br>2.46<br>-1.23  | 46.64<br>3.04<br>-0.15 | 40.94<br>3.03<br>0.00   | 43.74<br>3.05<br>0.00   | 44.71<br>3.00<br>0.00   | 46.22<br>3.18<br>0.00   | 50.65<br>2.69<br>0.00   | 53.43<br>2.83<br>0.00   | 60.26<br>3.09<br>0.00    | 81.59<br>5.34<br>0.00  | 111.94<br>8.33<br>-1.99  | 121.34<br>8.33<br>-3.41   | 101.48<br>6.06<br>-3.52  | 71.11<br>3.41<br>-2.08  | 51.28<br>1.94<br>-0.89 | 46.52<br>2.24<br>-0.31 | 41.18<br>2.24<br>-0.30 |
| KIAC_JFK____<br>323774            | 36.03<br>2.39<br>0.00   | 31.89<br>2.06<br>0.00   | 29.31<br>1.66<br>0.00   | 28.24<br>1.55<br>0.00   | 29.68<br>1.52<br>0.00   | 33.67<br>1.84<br>0.00   | 41.11<br>2.32<br>-2.00  | 47.66<br>2.46<br>-1.23  | 46.49<br>2.87<br>-0.17 | 40.90<br>2.99<br>0.00   | 43.49<br>2.81<br>0.00   | 44.58<br>2.88<br>0.00   | 45.96<br>2.93<br>0.00   | 50.69<br>2.73<br>0.00   | 53.41<br>2.78<br>-0.02  | 60.31<br>3.14<br>0.00    | 81.59<br>5.34<br>0.00  | 111.94<br>8.33<br>-1.99  | 121.34<br>8.33<br>-3.41   | 101.47<br>6.06<br>-3.52  | 71.11<br>3.41<br>-2.08  | 51.29<br>1.94<br>-0.89 | 46.43<br>2.15<br>-0.31 | 41.18<br>2.24<br>-0.30 |
| KINTIGH__24_KV_GSU<br>356498      | 32.69<br>-0.94<br>0.01  | 28.50<br>-0.84<br>0.50  | 26.77<br>-0.89<br>0.00  | 25.96<br>-0.64<br>0.09  | 27.34<br>-0.82<br>0.00  | 29.62<br>-1.08<br>1.12  | 35.37<br>-1.88<br>-0.45 | 42.99<br>-3.03<br>-2.05 | 41.25<br>-2.13<br>0.07 | 35.73<br>-2.12<br>0.06  | 38.87<br>-1.75<br>0.07  | 40.34<br>-1.34<br>0.03  | 42.41<br>-0.43<br>0.19  | 45.78<br>-1.20<br>0.98  | 48.76<br>-1.01<br>0.82  | 54.55<br>-2.86<br>-0.24  | 70.99<br>-5.26<br>0.00 | 95.62<br>-6.00<br>0.00   | 104.34<br>-5.26<br>0.00   | 88.86<br>-3.03<br>0.00   | 61.81<br>-3.81<br>0.00  | 46.57<br>-1.89<br>0.00 | 42.30<br>-1.67<br>0.00 | 37.60<br>-1.04<br>0.00 |
| KINTIGH____<br>23543              | 32.69<br>-0.94<br>0.01  | 28.50<br>-0.84<br>0.50  | 26.77<br>-0.88<br>0.00  | 25.96<br>-0.64<br>0.09  | 27.34<br>-0.82<br>0.00  | 29.62<br>-1.08<br>1.12  | 35.41<br>-1.84<br>-0.45 | 41.11<br>-3.03<br>-0.17 | 40.64<br>-2.74<br>0.07 | 36.94<br>-2.20<br>-1.23 | 39.33<br>-2.44<br>-1.09 | 40.61<br>-2.25<br>-1.16 | 45.02<br>-1.76<br>-3.75 | 50.59<br>-1.53<br>-4.17 | 53.18<br>-1.82<br>-4.40 | 54.78<br>-2.63<br>-0.24  | 71.29<br>-4.96<br>0.00 | 95.22<br>-6.40<br>0.00   | 104.34<br>-5.26<br>0.00   | 88.86<br>-3.03<br>0.00   | 61.81<br>-3.81<br>0.00  | 46.57<br>-1.89<br>0.00 | 41.99<br>-1.98<br>0.00 | 37.60<br>-1.04<br>0.00 |
| KNTFSRNC_46_KV_46KV_LOAD<br>80397 | 33.71<br>0.07<br>0.00   | 29.81<br>-0.03<br>0.00  | 27.52<br>-0.14<br>0.00  | 26.43<br>-0.27<br>0.00  | 27.99<br>-0.17<br>0.00  | 31.95<br>0.13<br>0.00   | 37.50<br>0.70<br>0.00   | 45.12<br>1.14<br>0.00   | 44.23<br>0.78<br>0.00  | 39.08<br>1.18<br>0.00   | 42.19<br>1.51<br>0.00   | 43.67<br>1.96<br>0.00   | 43.94<br>0.90<br>0.00   | 48.44<br>0.48<br>0.00   | 49.84<br>-0.76<br>0.00  | 55.06<br>-2.12<br>0.00   | 73.81<br>-2.44<br>0.00 | 98.37<br>-3.25<br>0.00   | 105.87<br>-3.73<br>0.00   | 88.67<br>-3.22<br>0.00   | 63.91<br>-1.71<br>0.00  | 47.15<br>-1.31<br>0.00 | 43.71<br>-0.26<br>0.00 | 38.41<br>-0.23<br>0.00 |
| LACHUTE____HYDRO<br>323717        | 35.63<br>1.98<br>0.00   | 31.75<br>1.91<br>0.00   | 29.48<br>1.82<br>0.00   | 28.48<br>1.79<br>0.00   | 30.07<br>1.92<br>0.00   | 34.14<br>2.32<br>0.00   | 52.85<br>2.98<br>-13.07 | 55.46<br>3.43<br>-8.05  | 47.20<br>2.78<br>-0.96 | 39.50<br>1.59<br>0.00   | 41.87<br>1.18<br>0.00   | 42.96<br>1.25<br>0.00   | 44.20<br>1.16<br>0.00   | 49.16<br>1.20<br>0.00   | 52.10<br>1.52<br>0.02   | 59.46<br>2.29<br>0.00    | 80.98<br>4.73<br>0.00  | 123.06<br>8.33<br>-13.11 | 142.64<br>10.52<br>-22.51 | 123.32<br>8.18<br>-23.25 | 84.53<br>5.18<br>-13.73 | 57.60<br>3.34<br>-5.80 | 48.80<br>2.82<br>-2.01 | 42.97<br>2.36<br>-1.98 |
| LAWRNCALV_115KV_TB1<br>80681      | 33.91<br>0.13<br>-0.13  | 29.99<br>0.15<br>0.00   | 27.86<br>0.14<br>-0.06  | 26.78<br>0.05<br>-0.04  | 28.34<br>0.11<br>-0.07  | 32.11<br>0.29<br>0.00   | 37.72<br>0.55<br>-0.37  | 45.50<br>0.88<br>-0.65  | 44.36<br>0.39<br>-0.52 | 38.73<br>0.42<br>-0.41  | 41.53<br>0.49<br>-0.36  | 42.84<br>0.75<br>-0.38  | 44.70<br>0.43<br>-1.24  | 50.05<br>0.72<br>-1.37  | 52.46<br>0.40<br>-1.45  | 58.92<br>0.11<br>-1.64   | 76.25<br>0.00<br>0.00  | 101.01<br>-0.61<br>0.00  | 108.83<br>-0.77<br>0.00   | 91.52<br>-0.37<br>0.00   | 66.27<br>0.66<br>0.00   | 49.14<br>0.68<br>0.00  | 44.63<br>0.66<br>0.00  | 38.95<br>0.31<br>0.00  |
| LEDERLE____<br>23769              | 35.69<br>2.05<br>0.00   | 31.60<br>1.76<br>0.00   | 29.12<br>1.47<br>0.00   | 28.11<br>1.41<br>0.00   | 29.54<br>1.38<br>0.00   | 33.44<br>1.62<br>0.00   | 40.75<br>2.10<br>-1.86  | 47.58<br>2.46<br>-1.15  | 46.46<br>2.87<br>-0.14 | 40.52<br>2.62<br>0.00   | 43.58<br>2.89<br>0.00   | 44.54<br>2.84<br>0.00   | 46.05<br>3.01<br>0.00   | 50.60<br>2.64<br>0.00   | 53.33<br>2.73<br>0.00   | 60.32<br>3.14<br>0.00    | 81.36<br>5.11<br>0.00  | 111.53<br>8.13<br>-1.78  | 121.10<br>8.44<br>-3.06   | 101.30<br>6.25<br>-3.16  | 70.96<br>3.48<br>-1.87  | 51.47<br>2.18<br>-0.83 | 46.54<br>2.29<br>-0.29 | 40.93<br>2.01<br>-0.28 |
| LIGHTHSE_115KV_TB6<br>355974      | 34.50<br>-0.24<br>-1.09 | 29.78<br>-0.18<br>-0.12 | 28.04<br>-0.14<br>-0.53 | 26.88<br>-0.13<br>-0.31 | 28.55<br>-0.17<br>-0.56 | 31.97<br>-0.13<br>-0.28 | 39.82<br>0.07<br>-2.95  | 49.10<br>0.22<br>-4.91  | 47.50<br>0.04<br>-4.00 | 40.49<br>-0.15<br>-2.74 | 42.86<br>-0.24<br>-2.42 | 44.20<br>-0.08<br>-2.58 | 51.21<br>-0.17<br>-8.35 | 56.94<br>-0.29<br>-9.27 | 60.03<br>-0.35<br>-9.79 | 69.43<br>-0.29<br>-12.54 | 75.79<br>-0.46<br>0.00 | 102.02<br>0.41<br>0.00   | 110.58<br>0.99<br>0.00    | 93.08<br>1.19<br>0.00    | 66.08<br>0.46<br>0.00   | 48.80<br>0.34<br>0.00  | 43.93<br>-0.04<br>0.00 | 38.56<br>-0.08<br>0.00 |
| LINDEN COGEN____<br>23786         | 35.83<br>2.19<br>0.00   | 31.72<br>1.88<br>0.00   | 29.18<br>1.52<br>0.00   | 28.11<br>1.41<br>0.00   | 29.54<br>1.38<br>0.00   | 33.44<br>1.62<br>0.00   | 40.74<br>1.95<br>-2.00  | 47.44<br>2.24<br>-1.23  | 46.23<br>2.61<br>-0.17 | 40.48<br>2.58<br>0.00   | 43.37<br>2.68<br>0.00   | 44.46<br>2.75<br>0.00   | 45.83<br>2.80<br>0.00   | 50.50<br>2.54<br>0.00   | 53.20<br>2.58<br>-0.02  | 60.09<br>2.91<br>0.00    | 81.14<br>4.88<br>0.00  | 111.32<br>7.72<br>-1.99  | 120.68<br>7.67<br>-3.41   | 100.92<br>5.51<br>-3.52  | 70.72<br>3.02<br>-2.08  | 51.09<br>1.74<br>-0.89 | 46.26<br>1.98<br>-0.31 | 40.83<br>1.89<br>-0.29 |
| LINDHRST_69_KV_BK1<br>356055      | 36.10<br>2.46<br>0.00   | 31.87<br>2.03<br>0.00   | 29.26<br>1.60<br>0.00   | 28.06<br>1.36<br>0.00   | 29.51<br>1.35<br>0.00   | 33.51<br>1.69<br>0.00   | 41.00<br>2.21<br>-2.00  | 47.17<br>1.98<br>-1.22  | 46.02<br>2.43<br>-0.13 | 40.82<br>2.92<br>0.00   | 44.06<br>3.38<br>0.00   | 44.12<br>3.34<br>0.92   | 46.28<br>3.40<br>0.15   | 50.42<br>2.59<br>0.13   | 53.49<br>3.04<br>0.15   | 60.47<br>3.72<br>0.42    | 80.34<br>5.19<br>1.10  | 109.19<br>8.03<br>0.46   | 118.23<br>8.00<br>-0.63   | 90.44<br>5.79<br>7.24    | 69.98<br>3.35<br>-1.01  | 51.50<br>2.18<br>-0.86 | 46.38<br>2.11<br>-0.30 | 41.57<br>2.63<br>-0.30 |
| LIPA_MISC_IPP<br>23656            | 35.36<br>1.72<br>0.00   | 31.15<br>1.31<br>0.00   | 28.62<br>0.97<br>0.00   | 27.39<br>0.69<br>0.00   | 28.83<br>0.68<br>0.00   | 32.78<br>0.95<br>0.00   | 40.12<br>1.32<br>-2.00  | 46.07<br>0.88<br>-1.21  | 44.89<br>1.30<br>-0.13 | 39.91<br>2.01<br>0.00   | 42.92<br>2.24<br>0.00   | 29.13<br>2.17<br>14.75  | 42.74<br>2.07<br>2.36   | 46.98<br>0.96<br>1.94   | 49.53<br>1.21<br>2.28   | 52.09<br>1.66<br>6.74    | 61.35<br>2.59<br>17.50 | 69.31<br>4.67<br>36.98   | 74.54<br>4.38<br>39.44    | 64.58<br>2.66<br>29.97   | 52.42<br>1.12<br>14.32  | 49.53<br>0.44<br>-0.63 | 44.97<br>0.70<br>-0.30 | 40.56<br>1.62<br>-0.30 |
| LISF____SOLAR<br>323691           | 35.39<br>1.75<br>0.00   | 31.18<br>1.34<br>0.00   | 28.65<br>0.99<br>0.00   | 27.39<br>0.69<br>0.00   | 28.86<br>0.70<br>0.00   | 32.81<br>0.99<br>0.00   | 40.16<br>1.36<br>-2.00  | 46.11<br>0.92<br>-1.21  | 44.73<br>1.13<br>-0.15 | 39.88<br>1.97<br>0.00   | 42.47<br>1.79<br>0.00   | 28.57<br>1.50<br>14.64  | 41.85<br>1.16<br>2.34   | 47.09<br>1.05<br>1.92   | 49.57<br>1.21<br>2.24   | 52.08<br>1.60<br>6.69    | 61.62<br>2.74<br>17.37 | 69.70<br>4.78<br>36.70   | 74.95<br>4.50<br>39.14    | 64.95<br>2.85<br>29.79   | 52.66<br>1.24<br>14.20  | 49.58<br>0.48<br>-0.63 | 44.93<br>0.66<br>-0.30 | 40.60<br>1.66<br>-0.30 |
| LITTLE FALLS____HYD<br>24013      | 34.68<br>1.04<br>0.00   | 30.82<br>0.98<br>0.00   | 28.54<br>0.88<br>0.00   | 27.58<br>0.88<br>0.00   | 29.06<br>0.90<br>0.00   | 32.87<br>1.05<br>0.00   | 38.12<br>1.32<br>0.00   | 45.60<br>1.63<br>0.00   | 45.02<br>1.56<br>0.00  | 39.19<br>1.29<br>0.00   | 42.11<br>1.42<br>0.00   | 43.12<br>1.42<br>0.00   | 44.54<br>1.51<br>0.00   | 49.49<br>1.53<br>0.00   | 52.22<br>1.62<br>0.00   | 59.06<br>1.89<br>0.00    | 78.92<br>2.67<br>0.00  | 105.78<br>4.17<br>0.00   | 114.09<br>4.49<br>0.00    | 95.56<br>3.68<br>0.00    | 67.91<br>2.30<br>0.00   | 50.11<br>1.65<br>0.00  | 45.33<br>1.36<br>0.00  | 39.84<br>1.20<br>0.00  |



|                                       |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                        |                          |                          |                          |                         |                        |                        |                        |
|---------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| LITTLRIV_115KV_TB1<br>356100          | 34.15<br>0.37<br>-0.14  | 30.23<br>0.39<br>0.00   | 28.11<br>0.39<br>-0.07  | 27.00<br>0.27<br>-0.04  | 28.60<br>0.37<br>-0.07  | 32.39<br>0.57<br>0.00   | 38.15<br>0.96<br>-0.40  | 46.04<br>1.36<br>-0.71  | 44.71<br>0.70<br>-0.57  | 38.92<br>0.57<br>-0.44  | 41.73<br>0.65<br>-0.39  | 43.04<br>0.92<br>-0.42  | 44.99<br>0.60<br>-1.36   | 50.42<br>0.96<br>-1.50   | 52.80<br>0.61<br>-1.59   | 59.37<br>0.40<br>-1.80   | 76.78<br>0.53<br>0.00  | 102.02<br>0.41<br>0.00   | 110.15<br>0.55<br>0.00   | 92.72<br>0.83<br>0.00    | 67.13<br>1.51<br>0.00   | 49.77<br>1.31<br>0.00  | 45.11<br>1.14<br>0.00  | 39.33<br>0.70<br>0.00  |
| LI_NEWBRDGE___DRP<br>323616           | 35.52<br>1.88<br>0.00   | 31.36<br>1.52<br>0.00   | 28.84<br>1.19<br>0.00   | 27.68<br>0.99<br>0.00   | 29.11<br>0.96<br>0.00   | 33.03<br>1.21<br>0.00   | 40.38<br>1.58<br>-2.00  | 46.59<br>1.41<br>-1.21  | 45.45<br>1.87<br>-0.13  | 40.18<br>2.27<br>0.00   | 43.33<br>2.64<br>0.00   | 44.21<br>2.50<br>0.00   | 45.53<br>2.50<br>0.00    | 49.58<br>1.63<br>0.01    | 52.42<br>1.82<br>0.00    | 59.46<br>2.29<br>0.00    | 79.83<br>3.58<br>0.00  | 109.49<br>5.89<br>-1.98  | 118.70<br>5.70<br>-3.41  | 87.65<br>3.86<br>8.10    | 69.66<br>1.97<br>-2.07  | 50.40<br>1.07<br>-0.88 | 45.54<br>1.28<br>-0.30 | 40.83<br>1.89<br>-0.30 |
| LOCKPORT_115KV_TB60_63_64<br>80432    | 32.42<br>-1.24<br>-0.03 | 28.26<br>-1.10<br>0.47  | 26.54<br>-1.13<br>-0.02 | 25.76<br>-0.85<br>0.08  | 27.13<br>-1.04<br>-0.02 | 29.40<br>-1.37<br>1.06  | 35.09<br>-2.24<br>-0.53 | 40.64<br>-3.65<br>-0.31 | 40.16<br>-3.35<br>-0.05 | 36.48<br>-2.69<br>-1.26 | 38.83<br>-2.97<br>-1.12 | 40.06<br>-2.84<br>-1.19 | 44.65<br>-2.24<br>-3.85  | 50.27<br>-1.97<br>-4.28  | 52.84<br>-2.28<br>-4.52  | 54.41<br>-3.37<br>-0.61  | 70.38<br>-5.87<br>0.00 | 94.10<br>-7.52<br>0.00   | 103.46<br>-6.14<br>0.00  | 88.12<br>-3.77<br>0.00   | 61.15<br>-4.46<br>0.00  | 46.18<br>-2.28<br>0.00 | 41.60<br>-2.37<br>0.00 | 37.75<br>-0.89<br>0.00 |
| LOCKPORT___CC1<br>323769              | 32.42<br>-1.24<br>-0.03 | 28.26<br>-1.10<br>0.47  | 26.54<br>-1.14<br>-0.02 | 25.74<br>-0.88<br>0.08  | 27.11<br>-1.07<br>-0.02 | 29.41<br>-1.37<br>1.05  | 35.02<br>-2.32<br>-0.54 | 42.37<br>-3.74<br>-2.14 | 40.78<br>-2.74<br>-0.06 | 35.27<br>-2.69<br>-0.05 | 38.40<br>-2.32<br>-0.03 | 39.90<br>-1.88<br>-0.07 | 42.30<br>-0.86<br>-0.13  | 45.66<br>-1.72<br>0.58   | 48.67<br>-1.52<br>0.42   | 54.15<br>-3.66<br>-0.64  | 69.85<br>-6.40<br>0.00 | 94.20<br>-7.41<br>0.00   | 103.13<br>-6.47<br>0.00  | 87.85<br>-4.04<br>0.00   | 60.96<br>-4.66<br>0.00  | 46.04<br>-2.42<br>0.00 | 41.95<br>-2.02<br>0.00 | 37.71<br>-0.93<br>0.00 |
| LOCKPORT___CC2<br>323770              | 32.42<br>-1.24<br>-0.03 | 28.26<br>-1.10<br>0.47  | 26.54<br>-1.14<br>-0.02 | 25.74<br>-0.88<br>0.08  | 27.11<br>-1.07<br>-0.02 | 29.41<br>-1.37<br>1.05  | 35.02<br>-2.32<br>-0.54 | 42.37<br>-3.74<br>-2.14 | 40.78<br>-2.74<br>-0.06 | 35.27<br>-2.69<br>-0.05 | 38.40<br>-2.32<br>-0.03 | 39.90<br>-1.88<br>-0.07 | 42.30<br>-0.86<br>-0.13  | 45.66<br>-1.72<br>0.58   | 48.67<br>-1.52<br>0.42   | 54.15<br>-3.66<br>-0.64  | 69.85<br>-6.40<br>0.00 | 94.20<br>-7.41<br>0.00   | 103.13<br>-6.47<br>0.00  | 87.85<br>-4.04<br>0.00   | 60.96<br>-4.66<br>0.00  | 46.04<br>-2.42<br>0.00 | 41.95<br>-2.02<br>0.00 | 37.71<br>-0.93<br>0.00 |
| LOCKPORT___CC3<br>323771              | 32.42<br>-1.24<br>-0.03 | 28.26<br>-1.10<br>0.47  | 26.54<br>-1.14<br>-0.02 | 25.74<br>-0.88<br>0.08  | 27.11<br>-1.07<br>-0.02 | 29.41<br>-1.37<br>1.05  | 35.02<br>-2.32<br>-0.54 | 42.37<br>-3.74<br>-2.14 | 40.78<br>-2.74<br>-0.06 | 35.27<br>-2.69<br>-0.05 | 38.40<br>-2.32<br>-0.03 | 39.90<br>-1.88<br>-0.07 | 42.30<br>-0.86<br>-0.13  | 45.66<br>-1.72<br>0.58   | 48.67<br>-1.52<br>0.42   | 54.15<br>-3.66<br>-0.64  | 69.85<br>-6.40<br>0.00 | 94.20<br>-7.41<br>0.00   | 103.13<br>-6.47<br>0.00  | 87.85<br>-4.04<br>0.00   | 60.96<br>-4.66<br>0.00  | 46.04<br>-2.42<br>0.00 | 41.95<br>-2.02<br>0.00 | 37.71<br>-0.93<br>0.00 |
| LOCUSVLY_69_KV_BK2<br>55797           | 35.89<br>2.25<br>0.00   | 31.72<br>1.88<br>0.00   | 29.15<br>1.49<br>0.00   | 28.00<br>1.31<br>0.00   | 29.45<br>1.30<br>0.00   | 33.38<br>1.56<br>0.00   | 40.82<br>2.02<br>-2.00  | 47.13<br>1.93<br>-1.22  | 46.02<br>2.43<br>-0.14  | 40.63<br>2.73<br>0.00   | 43.86<br>3.17<br>0.00   | 44.71<br>3.00<br>0.00   | 46.09<br>3.06<br>0.00    | 50.31<br>2.35<br>0.00    | 53.08<br>2.48<br>0.00    | 60.14<br>2.97<br>0.00    | 80.90<br>4.65<br>0.00  | 110.82<br>7.21<br>-1.98  | 120.13<br>7.12<br>-3.41  | 94.77<br>5.15<br>2.27    | 70.45<br>2.76<br>-2.08  | 50.99<br>1.65<br>-0.88 | 46.21<br>1.93<br>-0.30 | 41.22<br>2.28<br>-0.30 |
| LONG_LAKE_PHOENIX<br>24014            | 34.78<br>-0.50<br>-1.64 | 29.78<br>-0.42<br>-0.36 | 28.06<br>-0.39<br>-0.79 | 26.83<br>-0.37<br>-0.50 | 28.58<br>-0.42<br>-0.84 | 32.17<br>-0.45<br>-0.80 | 40.67<br>-0.40<br>-4.28 | 51.12<br>-0.44<br>-7.59 | 49.33<br>-0.39<br>-6.27 | 41.25<br>-0.42<br>-3.76 | 43.48<br>-0.53<br>-3.32 | 44.71<br>-0.54<br>-3.54 | 54.02<br>-0.47<br>-11.46 | 60.11<br>-0.58<br>-12.72 | 63.48<br>-0.56<br>-13.44 | 76.12<br>-0.51<br>-19.47 | 75.34<br>-0.92<br>0.00 | 100.91<br>-0.71<br>0.00  | 108.94<br>-0.66<br>0.00  | 91.80<br>-0.09<br>0.00   | 65.03<br>-0.59<br>0.00  | 47.98<br>-0.48<br>0.00 | 43.35<br>-0.62<br>0.00 | 38.14<br>-0.50<br>0.00 |
| LOVETT___3<br>23632                   | 35.56<br>1.92<br>0.00   | 31.48<br>1.64<br>0.00   | 29.01<br>1.36<br>0.00   | 27.98<br>1.28<br>0.00   | 29.42<br>1.27<br>0.00   | 33.29<br>1.46<br>0.00   | 40.60<br>1.91<br>-1.89  | 47.38<br>2.24<br>-1.16  | 46.24<br>2.65<br>-0.14  | 40.33<br>2.43<br>0.00   | 43.41<br>2.73<br>0.00   | 44.38<br>2.67<br>0.00   | 45.87<br>2.84<br>0.00    | 50.31<br>2.35<br>0.00    | 53.08<br>2.48<br>0.00    | 59.97<br>2.80<br>0.00    | 80.90<br>4.65<br>0.00  | 110.86<br>7.42<br>-1.82  | 120.29<br>7.56<br>-3.13  | 100.63<br>5.51<br>-3.23  | 70.54<br>3.02<br>-1.91  | 51.19<br>1.89<br>-0.84 | 46.28<br>2.02<br>-0.29 | 40.74<br>1.82<br>-0.29 |
| LOVETT___4<br>23642                   | 35.56<br>1.92<br>0.00   | 31.48<br>1.64<br>0.00   | 29.01<br>1.36<br>0.00   | 27.98<br>1.28<br>0.00   | 29.42<br>1.27<br>0.00   | 33.29<br>1.46<br>0.00   | 40.60<br>1.91<br>-1.89  | 47.38<br>2.24<br>-1.16  | 46.24<br>2.65<br>-0.14  | 40.33<br>2.43<br>0.00   | 43.41<br>2.73<br>0.00   | 44.38<br>2.67<br>0.00   | 45.87<br>2.84<br>0.00    | 50.31<br>2.35<br>0.00    | 53.08<br>2.48<br>0.00    | 59.97<br>2.80<br>0.00    | 80.90<br>4.65<br>0.00  | 110.86<br>7.42<br>-1.82  | 120.29<br>7.56<br>-3.13  | 100.63<br>5.51<br>-3.23  | 70.54<br>3.02<br>-1.91  | 51.19<br>1.89<br>-0.84 | 46.28<br>2.02<br>-0.29 | 40.74<br>1.82<br>-0.29 |
| LOVETT___5<br>23593                   | 35.56<br>1.92<br>0.00   | 31.48<br>1.64<br>0.00   | 29.01<br>1.36<br>0.00   | 27.98<br>1.28<br>0.00   | 29.42<br>1.27<br>0.00   | 33.29<br>1.46<br>0.00   | 40.60<br>1.91<br>-1.89  | 47.38<br>2.24<br>-1.16  | 46.24<br>2.65<br>-0.14  | 40.33<br>2.43<br>0.00   | 43.41<br>2.73<br>0.00   | 44.38<br>2.67<br>0.00   | 45.87<br>2.84<br>0.00    | 50.31<br>2.35<br>0.00    | 53.08<br>2.48<br>0.00    | 59.97<br>2.80<br>0.00    | 80.90<br>4.65<br>0.00  | 110.86<br>7.42<br>-1.82  | 120.29<br>7.56<br>-3.13  | 100.63<br>5.51<br>-3.23  | 70.54<br>3.02<br>-1.91  | 51.19<br>1.89<br>-0.84 | 46.28<br>2.02<br>-0.29 | 40.74<br>1.82<br>-0.29 |
| LOWER RAQUET___HYD<br>24057           | 33.93<br>0.14<br>-0.15  | 30.02<br>0.18<br>0.00   | 27.87<br>0.14<br>-0.07  | 26.82<br>0.08<br>-0.04  | 28.38<br>0.14<br>-0.08  | 32.11<br>0.29<br>0.00   | 37.88<br>0.66<br>-0.42  | 45.95<br>1.01<br>-0.97  | 44.49<br>0.43<br>-0.61  | 38.84<br>0.46<br>-0.48  | 41.64<br>0.53<br>-0.42  | 42.76<br>0.67<br>-0.39  | 44.83<br>0.34<br>-1.45   | 50.15<br>0.58<br>-1.61   | 52.56<br>0.25<br>-1.70   | 59.21<br>0.11<br>-1.93   | 76.25<br>0.00<br>0.00  | 100.70<br>-0.92<br>0.00  | 108.84<br>-0.76<br>0.00  | 91.52<br>-0.37<br>0.00   | 66.27<br>0.66<br>0.00   | 49.23<br>0.77<br>0.00  | 44.72<br>0.75<br>0.00  | 38.99<br>0.35<br>0.00  |
| LOWER___HUDSON<br>24059               | 34.75<br>1.11<br>0.00   | 30.85<br>1.02<br>0.00   | 28.60<br>0.94<br>0.00   | 27.63<br>0.93<br>0.00   | 29.14<br>0.99<br>0.00   | 32.94<br>1.11<br>0.00   | 60.42<br>1.58<br>-22.04 | 59.31<br>1.76<br>-13.58 | 46.73<br>1.65<br>-1.62  | 39.20<br>1.29<br>0.00   | 41.95<br>1.26<br>0.00   | 42.96<br>1.25<br>0.00   | 44.15<br>1.12<br>0.00    | 48.87<br>0.91<br>0.00    | 51.54<br>0.96<br>0.02    | 58.49<br>1.32<br>0.00    | 78.85<br>2.59<br>0.00  | 128.08<br>4.37<br>-22.09 | 152.47<br>4.94<br>-37.94 | 134.84<br>3.77<br>-39.18 | 90.99<br>2.23<br>-23.14 | 59.74<br>1.50<br>-9.78 | 48.77<br>1.41<br>-3.39 | 43.24<br>1.27<br>-3.33 |
| LOWVILLE_115KV_TB2<br>356335          | 33.95<br>-0.03<br>-0.34 | 29.90<br>0.06<br>0.00   | 27.90<br>0.08<br>-0.16  | 26.87<br>0.08<br>-0.09  | 28.39<br>0.06<br>-0.18  | 32.04<br>0.22<br>0.00   | 38.35<br>0.59<br>-0.96  | 46.47<br>1.01<br>-1.48  | 45.11<br>0.43<br>-1.22  | 38.90<br>0.04<br>-0.96  | 41.86<br>0.33<br>-0.85  | 43.07<br>0.46<br>-0.90  | 46.34<br>0.39<br>-2.92   | 51.59<br>0.38<br>-3.24   | 54.28<br>0.25<br>-3.42   | 61.61<br>0.57<br>-3.87   | 77.32<br>1.07<br>0.00  | 104.57<br>2.95<br>0.00   | 113.43<br>3.84<br>0.00   | 95.29<br>3.40<br>0.00    | 67.65<br>2.03<br>0.00   | 49.96<br>1.50<br>0.00  | 44.59<br>0.62<br>0.00  | 39.02<br>0.39<br>0.00  |
| LUTHERFT_115KV_GLOB_FND_222<br>355753 | 34.92<br>1.28<br>0.00   | 31.03<br>1.19<br>0.00   | 28.76<br>1.11<br>0.00   | 27.79<br>1.09<br>0.00   | 29.31<br>1.15<br>0.00   | 33.16<br>1.34<br>0.00   | 52.35<br>1.77<br>-13.79 | 54.49<br>2.02<br>-8.49  | 46.33<br>1.87<br>-1.01  | 39.12<br>1.21<br>0.00   | 41.83<br>1.14<br>0.00   | 42.79<br>1.08<br>0.00   | 44.15<br>1.12<br>0.00    | 48.78<br>0.82<br>0.00    | 51.66<br>1.06<br>0.00    | 58.60<br>1.43<br>0.00    | 79.15<br>2.90<br>0.00  | 120.42<br>4.98<br>-13.83 | 139.26<br>5.92<br>-23.74 | 121.01<br>4.59<br>-24.52 | 82.86<br>2.76<br>-14.48 | 56.42<br>1.84<br>-6.12 | 47.76<br>1.67<br>-2.12 | 42.15<br>1.43<br>-2.08 |



|                                 |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                          |                          |                          |                         |                         |                        |                        |
|---------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| LUTHERNY_35_KV_BK2<br>355980    | 34.92<br>1.28<br>0.00   | 31.03<br>1.19<br>0.00  | 28.79<br>1.13<br>0.00   | 27.82<br>1.12<br>0.00  | 29.34<br>1.18<br>0.00   | 33.19<br>1.37<br>0.00  | 52.39<br>1.80<br>-13.79 | 54.49<br>2.02<br>-8.49  | 46.33<br>1.87<br>-1.01  | 39.12<br>1.21<br>0.00   | 41.83<br>1.14<br>0.00   | 42.79<br>1.08<br>0.00   | 44.19<br>1.16<br>0.00   | 48.82<br>0.86<br>0.00   | 51.66<br>1.06<br>0.00   | 58.66<br>1.49<br>0.00   | 79.15<br>2.90<br>0.00  | 120.53<br>5.08<br>-13.83 | 139.37<br>6.03<br>-23.74 | 121.01<br>4.59<br>-24.52 | 82.92<br>2.82<br>-14.48 | 56.47<br>1.89<br>-6.12  | 47.80<br>1.71<br>-2.12 | 42.19<br>1.47<br>-2.08 |
| LWR___OSWEGATCHIE_HYD<br>23850  | 33.99<br>0.07<br>-0.28  | 29.96<br>0.12<br>0.00  | 27.90<br>0.11<br>-0.14  | 26.85<br>0.08<br>-0.08 | 28.42<br>0.11<br>-0.15  | 32.08<br>0.25<br>0.00  | 38.26<br>0.66<br>-0.80  | 46.36<br>1.06<br>-1.33  | 44.98<br>0.48<br>-1.05  | 38.96<br>0.23<br>-0.82  | 41.78<br>0.37<br>-0.73  | 43.07<br>0.58<br>-0.78  | 45.93<br>0.39<br>-2.51  | 51.27<br>0.53<br>-2.78  | 53.79<br>0.25<br>-2.94  | 60.67<br>0.17<br>-3.32  | 76.56<br>0.31<br>0.00  | 102.63<br>1.02<br>0.00   | 111.02<br>1.42<br>0.00   | 93.36<br>1.47<br>0.00    | 66.93<br>1.31<br>0.00   | 49.62<br>1.16<br>0.00   | 44.67<br>0.70<br>0.00  | 39.02<br>0.39<br>0.00  |
| LYONS_FALL_HYD<br>23570         | 34.08<br>0.17<br>-0.27  | 30.05<br>0.21<br>0.00  | 28.01<br>0.22<br>-0.13  | 26.98<br>0.21<br>-0.07 | 28.52<br>0.22<br>-0.14  | 32.17<br>0.35<br>0.00  | 38.26<br>0.70<br>-0.77  | 46.57<br>1.05<br>-1.55  | 45.07<br>0.65<br>-0.97  | 38.97<br>0.30<br>-0.76  | 41.85<br>0.49<br>-0.67  | 42.89<br>0.54<br>-0.64  | 45.91<br>0.56<br>-2.32  | 51.07<br>0.53<br>-2.58  | 53.78<br>0.45<br>-2.72  | 60.99<br>0.74<br>-3.08  | 77.55<br>1.30<br>0.00  | 104.26<br>2.64<br>0.00   | 113.43<br>3.83<br>0.00   | 95.29<br>3.40<br>0.00    | 67.58<br>1.97<br>0.00   | 49.87<br>1.41<br>0.00   | 44.72<br>0.75<br>0.00  | 39.18<br>0.54<br>0.00  |
| MADISON___COUNTY_LFGE<br>323628 | 34.42<br>0.50<br>-0.27  | 30.26<br>0.54<br>0.11  | 28.31<br>0.53<br>-0.13  | 27.26<br>0.51<br>-0.05 | 28.81<br>0.51<br>-0.14  | 32.21<br>0.64<br>0.25  | 38.67<br>0.99<br>-0.88  | 46.41<br>1.36<br>-1.08  | 45.39<br>1.13<br>-0.80  | 39.66<br>0.76<br>-0.99  | 42.30<br>0.73<br>-0.88  | 43.39<br>0.75<br>-0.94  | 46.88<br>0.82<br>-3.03  | 52.14<br>0.82<br>-3.36  | 55.01<br>0.86<br>-3.55  | 61.11<br>1.26<br>-2.68  | 78.08<br>1.83<br>0.00  | 105.28<br>3.66<br>0.00   | 113.87<br>4.27<br>0.00   | 95.75<br>3.86<br>0.00    | 67.78<br>2.17<br>0.00   | 49.96<br>1.50<br>0.00   | 44.98<br>1.01<br>0.00  | 39.49<br>0.85<br>0.00  |
| MALONE___115KV_TB1<br>356076    | 33.78<br>0.13<br>0.00   | 29.93<br>0.09<br>0.00  | 27.68<br>0.03<br>0.00   | 26.59<br>-0.11<br>0.00 | 28.16<br>0.00<br>0.00   | 32.08<br>0.25<br>0.00  | 37.57<br>0.77<br>0.00   | 45.16<br>1.19<br>0.00   | 44.23<br>0.78<br>0.00   | 38.93<br>1.02<br>0.00   | 41.95<br>1.26<br>0.00   | 43.37<br>1.67<br>0.00   | 44.07<br>1.03<br>0.00   | 49.02<br>1.06<br>0.00   | 50.90<br>0.30<br>0.00   | 56.71<br>-0.46<br>0.00  | 75.87<br>-0.38<br>0.00 | 100.91<br>-0.71<br>0.00  | 108.72<br>-0.88<br>0.00  | 91.34<br>-0.55<br>0.00   | 66.01<br>0.39<br>0.00   | 48.61<br>0.15<br>0.00   | 44.37<br>0.40<br>0.00  | 38.72<br>0.08<br>0.00  |
| MAPLEWOD_115KV_TB3<br>80458     | 34.45<br>0.81<br>0.00   | 30.58<br>0.75<br>0.00  | 28.35<br>0.69<br>0.00   | 27.39<br>0.69<br>0.00  | 28.89<br>0.73<br>0.00   | 32.65<br>0.83<br>0.00  | 62.80<br>1.25<br>-24.75 | 60.58<br>1.36<br>-15.24 | 46.62<br>1.35<br>-1.82  | 38.89<br>0.99<br>0.00   | 41.70<br>1.02<br>0.00   | 42.67<br>0.96<br>0.00   | 43.98<br>0.95<br>0.00   | 48.49<br>0.53<br>0.00   | 51.26<br>0.66<br>0.00   | 58.09<br>0.91<br>0.00   | 78.23<br>1.98<br>0.00  | 129.87<br>3.46<br>-24.80 | 156.13<br>3.95<br>-42.58 | 138.72<br>2.85<br>-43.98 | 93.17<br>1.57<br>-25.97 | 60.46<br>1.02<br>-10.98 | 48.74<br>0.97<br>-3.80 | 43.23<br>0.85<br>-3.74 |
| MAPLE_RIDGE_WT_1<br>323574      | 32.73<br>-0.91<br>0.00  | 29.03<br>-0.80<br>0.00 | 26.91<br>-0.75<br>0.00  | 25.98<br>-0.72<br>0.00 | 27.42<br>-0.73<br>0.00  | 31.06<br>-0.76<br>0.00 | 35.99<br>-0.81<br>0.00  | 43.14<br>-0.84<br>0.00  | 42.75<br>-0.70<br>0.00  | 37.53<br>-0.38<br>0.00  | 40.40<br>-0.28<br>0.00  | 41.46<br>-0.25<br>0.00  | 42.69<br>-0.35<br>0.00  | 47.63<br>-0.33<br>0.00  | 50.14<br>-0.46<br>0.00  | 56.66<br>-0.52<br>0.00  | 75.64<br>-0.61<br>0.00 | 100.70<br>-0.92<br>0.00  | 108.61<br>-0.99<br>0.00  | 90.69<br>-1.20<br>0.00   | 64.63<br>-0.98<br>0.00  | 47.54<br>-0.92<br>0.00  | 43.04<br>-0.93<br>0.00 | 37.75<br>-0.89<br>0.00 |
| MAPLE_RIDGE_WT_2<br>323611      | 32.73<br>-0.91<br>0.00  | 29.03<br>-0.80<br>0.00 | 26.91<br>-0.75<br>0.00  | 25.98<br>-0.72<br>0.00 | 27.42<br>-0.73<br>0.00  | 31.06<br>-0.76<br>0.00 | 35.99<br>-0.81<br>0.00  | 43.14<br>-0.84<br>0.00  | 42.75<br>-0.70<br>0.00  | 37.53<br>-0.38<br>0.00  | 40.40<br>-0.28<br>0.00  | 41.46<br>-0.25<br>0.00  | 42.69<br>-0.35<br>0.00  | 47.63<br>-0.33<br>0.00  | 50.14<br>-0.46<br>0.00  | 56.66<br>-0.52<br>0.00  | 75.64<br>-0.61<br>0.00 | 100.70<br>-0.92<br>0.00  | 108.61<br>-0.99<br>0.00  | 90.69<br>-1.20<br>0.00   | 64.63<br>-0.98<br>0.00  | 47.54<br>-0.92<br>0.00  | 43.04<br>-0.93<br>0.00 | 37.75<br>-0.89<br>0.00 |
| MARBLE_RIVER_WT_PWR<br>323696   | 33.27<br>-0.37<br>0.00  | 29.36<br>-0.48<br>0.00 | 27.13<br>-0.53<br>0.00  | 26.08<br>-0.61<br>0.00 | 27.62<br>-0.54<br>0.00  | 31.53<br>-0.29<br>0.00 | 36.91<br>0.11<br>0.00   | 44.50<br>0.53<br>0.00   | 43.76<br>0.31<br>0.00   | 38.78<br>0.87<br>0.00   | 41.99<br>1.30<br>0.00   | 42.58<br>0.88<br>0.00   | 42.90<br>-0.13<br>0.00  | 46.71<br>-1.25<br>0.00  | 48.27<br>-2.33<br>0.00  | 54.20<br>-2.98<br>0.00  | 72.67<br>-3.58<br>0.00 | 96.54<br>-5.08<br>0.00   | 103.79<br>-5.81<br>0.00  | 86.56<br>-5.33<br>0.00   | 62.20<br>-3.41<br>0.00  | 45.99<br>-2.47<br>0.00  | 42.83<br>-1.14<br>0.00 | 37.79<br>-0.85<br>0.00 |
| MARSHVLE_115KV_TB1<br>80742     | 34.85<br>1.21<br>0.00   | 30.94<br>1.10<br>0.00  | 28.73<br>1.08<br>0.00   | 27.76<br>1.07<br>0.00  | 29.28<br>1.13<br>0.00   | 33.25<br>1.43<br>0.00  | 45.36<br>1.95<br>-6.62  | 50.16<br>2.11<br>-4.08  | 44.89<br>0.96<br>-0.49  | 37.79<br>-0.11<br>0.00  | 40.16<br>-0.53<br>0.00  | 41.12<br>-0.58<br>0.00  | 42.47<br>-0.56<br>0.00  | 47.05<br>-0.91<br>0.00  | 49.84<br>-0.76<br>0.00  | 56.83<br>-0.34<br>0.00  | 77.32<br>1.07<br>0.00  | 113.04<br>4.78<br>-6.65  | 128.80<br>7.78<br>-11.41 | 109.65<br>5.97<br>-11.79 | 76.19<br>3.61<br>-6.96  | 53.72<br>2.33<br>-2.94  | 46.88<br>1.89<br>-1.02 | 41.15<br>1.51<br>-1.00 |
| MARSH_HILL_WT_PWR<br>323713     | 33.02<br>-0.84<br>-0.22 | 28.68<br>-0.84<br>0.32 | 26.99<br>-0.77<br>-0.11 | 26.11<br>-0.59<br>0.00 | 27.60<br>-0.68<br>-0.11 | 30.38<br>-0.73<br>0.71 | 36.80<br>-0.92<br>-0.92 | 45.16<br>-1.23<br>-2.41 | 42.68<br>-1.35<br>-0.57 | 36.92<br>-1.44<br>-0.45 | 39.85<br>-1.22<br>-0.39 | 41.20<br>-1.00<br>-0.50 | 44.31<br>-0.09<br>-1.36 | 48.25<br>-0.67<br>-0.96 | 51.71<br>-0.05<br>-1.16 | 58.41<br>-0.92<br>-2.16 | 74.57<br>-1.68<br>0.00 | 101.21<br>-0.40<br>0.00  | 110.81<br>1.21<br>0.00   | 93.63<br>1.74<br>0.00    | 64.83<br>-0.78<br>0.00  | 48.07<br>-0.39<br>0.00  | 43.13<br>-0.84<br>0.00 | 37.98<br>-0.66<br>0.00 |
| MCINTYRE_115KV_TB2<br>80467     | 34.27<br>0.50<br>-0.13  | 30.34<br>0.51<br>0.00  | 28.19<br>0.47<br>-0.06  | 27.10<br>0.37<br>-0.03 | 28.67<br>0.45<br>-0.07  | 32.49<br>0.67<br>0.00  | 38.15<br>0.99<br>-0.36  | 46.00<br>1.41<br>-0.62  | 44.60<br>0.65<br>-0.50  | 38.79<br>0.49<br>-0.39  | 41.60<br>0.57<br>-0.35  | 42.91<br>0.83<br>-0.37  | 44.79<br>0.56<br>-1.20  | 50.30<br>1.01<br>-1.33  | 52.66<br>0.66<br>-1.40  | 59.27<br>0.51<br>-1.59  | 76.94<br>0.69<br>0.00  | 102.33<br>0.71<br>0.00   | 110.69<br>1.10<br>0.00   | 93.17<br>1.29<br>0.00    | 67.52<br>1.90<br>0.00   | 49.96<br>1.50<br>0.00   | 45.25<br>1.28<br>0.00  | 39.45<br>0.81<br>0.00  |
| MECO_____69_KV_BK1<br>80468     | 35.36<br>1.72<br>0.00   | 31.39<br>1.55<br>0.00  | 29.15<br>1.49<br>0.00   | 28.16<br>1.47<br>0.00  | 29.71<br>1.55<br>0.00   | 33.76<br>1.94<br>0.00  | 46.45<br>2.54<br>-7.12  | 51.17<br>2.81<br>-4.38  | 45.63<br>1.65<br>-0.52  | 38.32<br>0.42<br>0.00   | 40.56<br>-0.12<br>0.00  | 41.46<br>-0.25<br>0.00  | 42.73<br>-0.30<br>0.00  | 47.38<br>-0.58<br>0.00  | 50.35<br>-0.25<br>0.00  | 57.57<br>0.40<br>0.00   | 78.61<br>2.36<br>0.00  | 115.17<br>6.40<br>-7.15  | 131.19<br>9.32<br>-12.28 | 111.83<br>7.26<br>-12.68 | 77.63<br>4.53<br>-7.49  | 54.57<br>2.96<br>-3.16  | 47.53<br>2.46<br>-1.09 | 41.76<br>2.05<br>-1.08 |
| MENANDS___115KV_TB5<br>355628   | 34.28<br>0.64<br>0.00   | 30.46<br>0.63<br>0.00  | 28.21<br>0.55<br>0.00   | 27.26<br>0.56<br>0.00  | 28.75<br>0.59<br>0.00   | 32.49<br>0.67<br>0.00  | 60.09<br>1.07<br>-22.22 | 58.76<br>1.10<br>-13.69 | 46.21<br>1.13<br>-1.63  | 38.74<br>0.83<br>0.00   | 41.58<br>0.90<br>0.00   | 42.50<br>0.79<br>0.00   | 43.85<br>0.82<br>0.00   | 48.30<br>0.34<br>0.00   | 51.00<br>0.40<br>0.00   | 57.80<br>0.63<br>0.00   | 77.85<br>1.60<br>0.00  | 126.73<br>2.85<br>-22.27 | 151.02<br>3.18<br>-38.24 | 133.68<br>2.30<br>-39.49 | 90.12<br>1.18<br>-23.32 | 59.00<br>0.68<br>-9.86  | 48.09<br>0.70<br>-3.42 | 42.66<br>0.66<br>-3.36 |
| MG INDUSTRY___DRP<br>24185      | 33.57<br>-0.07<br>0.00  | 29.81<br>-0.03<br>0.00 | 27.66<br>0.00<br>0.00   | 26.72<br>0.03<br>0.00  | 28.16<br>0.00<br>0.00   | 31.82<br>0.00<br>0.00  | 15.95<br>0.26<br>21.10  | 31.11<br>0.13<br>13.00  | 41.90<br>0.00<br>1.55   | 37.64<br>-0.27<br>0.00  | 40.16<br>-0.33<br>0.20  | 40.77<br>-0.42<br>0.52  | 41.65<br>-0.47<br>0.91  | 44.59<br>-0.96<br>2.41  | 46.45<br>-0.91<br>3.24  | 50.90<br>-0.86<br>5.41  | 72.73<br>-0.38<br>3.14 | 77.28<br>0.41<br>24.74   | 73.94<br>0.55<br>36.21   | 54.68<br>0.18<br>37.39   | 43.34<br>-0.20<br>22.08 | 38.81<br>-0.29<br>9.36  | 40.55<br>-0.18<br>3.24 | 35.33<br>-0.12<br>3.19 |



|                                            |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                        |                         |                         |                        |                          |                          |                          |                         |                         |                        |                        |
|--------------------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| MID___OSWEGATCHIE_HYD<br>23849             | 33.99<br>0.07<br>-0.28  | 29.96<br>0.12<br>0.00  | 27.90<br>0.11<br>-0.14  | 26.85<br>0.08<br>-0.08 | 28.42<br>0.11<br>-0.15  | 32.08<br>0.25<br>0.00  | 38.26<br>0.66<br>-0.80  | 46.36<br>1.06<br>-1.33  | 44.98<br>0.48<br>-1.05  | 38.96<br>0.23<br>-0.82  | 41.78<br>0.37<br>-0.73  | 43.07<br>0.58<br>-0.78  | 45.93<br>0.39<br>-2.51  | 51.27<br>0.53<br>-2.78 | 53.79<br>0.25<br>-2.94  | 60.67<br>0.17<br>-3.32  | 76.56<br>0.31<br>0.00  | 102.63<br>1.02<br>0.00   | 111.02<br>1.42<br>0.00   | 93.36<br>1.47<br>0.00    | 66.93<br>1.31<br>0.00   | 49.62<br>1.16<br>0.00   | 44.67<br>0.70<br>0.00  | 39.02<br>0.39<br>0.00  |
| MID___RAQUETTE_HYD<br>23851                | 33.92<br>0.13<br>-0.15  | 30.02<br>0.18<br>0.00  | 27.87<br>0.14<br>-0.07  | 26.79<br>0.05<br>-0.04 | 28.37<br>0.14<br>-0.08  | 32.11<br>0.29<br>0.00  | 37.88<br>0.66<br>-0.42  | 45.75<br>1.01<br>-0.76  | 44.54<br>0.48<br>-0.61  | 38.84<br>0.45<br>-0.48  | 41.64<br>0.53<br>-0.42  | 42.99<br>0.83<br>-0.45  | 44.96<br>0.47<br>-1.45  | 50.34<br>0.77<br>-1.61 | 52.71<br>0.40<br>-1.70  | 59.21<br>0.11<br>-1.93  | 76.25<br>0.00<br>0.00  | 101.01<br>-0.61<br>0.00  | 108.83<br>-0.77<br>0.00  | 91.52<br>-0.37<br>0.00   | 66.27<br>0.66<br>0.00   | 49.24<br>0.78<br>0.00   | 44.72<br>0.75<br>0.00  | 38.99<br>0.35<br>0.00  |
| MILLIKEN___1<br>23584                      | 34.68<br>0.37<br>-0.67  | 30.17<br>0.33<br>0.00  | 28.31<br>0.33<br>-0.32  | 27.20<br>0.32<br>-0.18 | 28.79<br>0.28<br>-0.35  | 32.17<br>0.35<br>0.00  | 39.28<br>0.59<br>-1.89  | 47.45<br>0.70<br>-2.77  | 46.61<br>0.74<br>-2.42  | 40.26<br>0.45<br>-1.90  | 42.69<br>0.33<br>-1.68  | 43.83<br>0.33<br>-1.79  | 49.35<br>0.52<br>-5.80  | 54.92<br>0.53<br>-6.44 | 58.06<br>0.66<br>-6.80  | 65.77<br>0.91<br>-7.68  | 77.47<br>1.22<br>0.00  | 104.26<br>2.64<br>0.00   | 113.00<br>3.40<br>0.00   | 95.29<br>3.40<br>0.00    | 67.13<br>1.51<br>0.00   | 49.53<br>1.07<br>0.00   | 44.59<br>0.62<br>0.00  | 39.22<br>0.58<br>0.00  |
| MILLIKEN___2<br>23585                      | 34.68<br>0.37<br>-0.67  | 30.17<br>0.33<br>0.00  | 28.31<br>0.33<br>-0.32  | 27.20<br>0.32<br>-0.18 | 28.79<br>0.28<br>-0.35  | 32.17<br>0.35<br>0.00  | 39.28<br>0.59<br>-1.89  | 47.45<br>0.70<br>-2.77  | 46.61<br>0.74<br>-2.42  | 40.26<br>0.45<br>-1.90  | 42.69<br>0.33<br>-1.68  | 43.83<br>0.33<br>-1.79  | 49.35<br>0.52<br>-5.80  | 54.92<br>0.53<br>-6.44 | 58.06<br>0.66<br>-6.80  | 65.77<br>0.91<br>-7.68  | 77.47<br>1.22<br>0.00  | 104.26<br>2.64<br>0.00   | 113.00<br>3.40<br>0.00   | 95.29<br>3.40<br>0.00    | 67.13<br>1.51<br>0.00   | 49.53<br>1.07<br>0.00   | 44.59<br>0.62<br>0.00  | 39.22<br>0.58<br>0.00  |
| MILLIKEN___DIESEL<br>23629                 | 34.68<br>0.37<br>-0.67  | 30.17<br>0.33<br>0.00  | 28.31<br>0.33<br>-0.32  | 27.20<br>0.32<br>-0.18 | 28.79<br>0.28<br>-0.35  | 32.17<br>0.35<br>0.00  | 39.28<br>0.59<br>-1.89  | 47.45<br>0.70<br>-2.77  | 46.61<br>0.74<br>-2.42  | 40.26<br>0.45<br>-1.90  | 42.69<br>0.33<br>-1.68  | 43.83<br>0.33<br>-1.79  | 49.35<br>0.52<br>-5.80  | 54.92<br>0.53<br>-6.44 | 58.06<br>0.66<br>-6.80  | 65.77<br>0.91<br>-7.68  | 77.47<br>1.22<br>0.00  | 104.26<br>2.64<br>0.00   | 113.00<br>3.40<br>0.00   | 95.29<br>3.40<br>0.00    | 67.13<br>1.51<br>0.00   | 49.53<br>1.07<br>0.00   | 44.59<br>0.62<br>0.00  | 39.22<br>0.58<br>0.00  |
| MILLSEAT___LFGE<br>323607                  | 32.85<br>-0.81<br>-0.02 | 28.64<br>-0.72<br>0.48 | 26.95<br>-0.72<br>-0.01 | 26.05<br>-0.56<br>0.08 | 27.52<br>-0.65<br>-0.01 | 29.89<br>-0.86<br>1.07 | 35.77<br>-1.54<br>-0.52 | 43.64<br>-2.46<br>-2.13 | 41.83<br>-1.65<br>-0.03 | 36.26<br>-1.67<br>-0.02 | 39.43<br>-1.26<br>0.00  | 40.92<br>-0.83<br>-0.05 | 43.30<br>0.22<br>-0.05  | 46.74<br>-0.53<br>0.69 | 49.82<br>-0.25<br>0.53  | 55.77<br>-1.94<br>-0.54 | 72.28<br>-3.97<br>0.00 | 97.86<br>-3.76<br>0.00   | 106.86<br>-2.74<br>0.00  | 91.15<br>-0.74<br>0.00   | 63.19<br>-2.43<br>0.00  | 47.59<br>-0.87<br>0.00  | 43.09<br>-0.88<br>0.00 | 38.52<br>-0.12<br>0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H<br>345005 | 35.59<br>1.95<br>0.00   | 31.54<br>1.70<br>0.00  | 29.07<br>1.41<br>0.00   | 28.03<br>1.33<br>0.00  | 29.45<br>1.30<br>0.00   | 33.35<br>1.53<br>0.00  | 40.73<br>1.95<br>-1.98  | 47.44<br>2.24<br>-1.22  | 46.29<br>2.69<br>-0.15  | 40.37<br>2.46<br>0.00   | 43.45<br>2.77<br>0.00   | 44.42<br>2.71<br>0.00   | 45.92<br>2.88<br>0.00   | 50.36<br>2.40<br>0.00  | 53.13<br>2.53<br>0.00   | 60.03<br>2.86<br>0.00   | 80.98<br>4.73<br>0.00  | 110.99<br>7.42<br>-1.95  | 120.52<br>7.56<br>-3.36  | 100.87<br>5.51<br>-3.47  | 70.75<br>3.08<br>-2.05  | 51.23<br>1.89<br>-0.88  | 46.34<br>2.07<br>-0.30 | 40.83<br>1.89<br>-0.30 |
| MILLWOOD_13_KV_LOAD<br>356217              | 35.66<br>2.02<br>0.00   | 31.57<br>1.73<br>0.00  | 29.09<br>1.44<br>0.00   | 28.08<br>1.39<br>0.00  | 29.51<br>1.35<br>0.00   | 33.41<br>1.59<br>0.00  | 40.80<br>2.02<br>-1.98  | 47.57<br>2.37<br>-1.22  | 46.38<br>2.78<br>-0.15  | 40.45<br>2.54<br>0.00   | 43.53<br>2.85<br>0.00   | 44.50<br>2.79<br>0.00   | 46.05<br>3.01<br>0.00   | 50.50<br>2.54<br>0.00  | 53.23<br>2.63<br>0.00   | 60.20<br>3.03<br>0.00   | 81.21<br>4.96<br>0.00  | 111.30<br>7.72<br>-1.95  | 120.85<br>7.89<br>-3.36  | 101.14<br>5.79<br>-3.47  | 70.88<br>3.22<br>-2.05  | 51.33<br>1.99<br>-0.88  | 46.43<br>2.15<br>-0.30 | 40.87<br>1.93<br>-0.30 |
| MODEL_CITY_ENERGY<br>24167                 | 32.19<br>-1.48<br>-0.03 | 28.09<br>-1.28<br>0.47 | 26.37<br>-1.30<br>-0.02 | 25.58<br>-1.04<br>0.08 | 26.94<br>-1.24<br>-0.02 | 29.19<br>-1.59<br>1.05 | 34.72<br>-2.61<br>-0.54 | 42.06<br>-4.04<br>-2.14 | 40.52<br>-3.00<br>-0.06 | 35.04<br>-2.92<br>-0.05 | 38.15<br>-2.56<br>-0.03 | 39.65<br>-2.13<br>-0.07 | 42.05<br>-1.12<br>-0.14 | 45.38<br>-2.01<br>0.57 | 48.32<br>-1.87<br>0.41  | 53.81<br>-4.00<br>-0.64 | 69.39<br>-6.86<br>0.00 | 93.48<br>-8.13<br>0.00   | 102.26<br>-7.34<br>0.00  | 87.21<br>-4.68<br>0.00   | 60.50<br>-5.12<br>0.00  | 45.70<br>-2.76<br>0.00  | 41.60<br>-2.38<br>0.00 | 37.48<br>-1.16<br>0.00 |
| MODERN_LFGE___<br>323580                   | 32.19<br>-1.48<br>-0.03 | 28.09<br>-1.28<br>0.47 | 26.37<br>-1.30<br>-0.02 | 25.58<br>-1.04<br>0.08 | 26.94<br>-1.24<br>-0.02 | 29.19<br>-1.59<br>1.05 | 34.72<br>-2.61<br>-0.54 | 42.06<br>-4.04<br>-2.14 | 40.52<br>-3.00<br>-0.06 | 35.04<br>-2.92<br>-0.05 | 38.15<br>-2.56<br>-0.03 | 39.65<br>-2.13<br>-0.07 | 42.05<br>-1.12<br>-0.14 | 45.38<br>-2.01<br>0.57 | 48.32<br>-1.87<br>0.41  | 53.81<br>-4.00<br>-0.64 | 69.39<br>-6.86<br>0.00 | 93.48<br>-8.13<br>0.00   | 102.26<br>-7.34<br>0.00  | 87.21<br>-4.68<br>0.00   | 60.50<br>-5.12<br>0.00  | 45.70<br>-2.76<br>0.00  | 41.60<br>-2.38<br>0.00 | 37.48<br>-1.16<br>0.00 |
| MOHAWK_PAPER___DRP<br>24187                | 34.45<br>0.81<br>0.00   | 30.58<br>0.75<br>0.00  | 28.35<br>0.69<br>0.00   | 27.39<br>0.69<br>0.00  | 28.89<br>0.73<br>0.00   | 32.65<br>0.83<br>0.00  | 62.80<br>1.25<br>-24.75 | 60.58<br>1.36<br>-15.24 | 46.62<br>1.35<br>-1.82  | 38.89<br>0.99<br>0.00   | 41.70<br>1.02<br>0.00   | 42.67<br>0.96<br>0.00   | 43.98<br>0.95<br>0.00   | 48.49<br>0.53<br>0.00  | 51.26<br>0.66<br>0.00   | 58.09<br>0.91<br>0.00   | 78.23<br>1.98<br>0.00  | 129.87<br>3.46<br>-24.80 | 156.13<br>3.95<br>-42.58 | 138.72<br>2.85<br>-43.98 | 93.17<br>1.57<br>-25.97 | 60.46<br>1.02<br>-10.98 | 48.74<br>0.97<br>-3.80 | 43.23<br>0.85<br>-3.74 |
| MOHICAN___35_KV_115KV_LD<br>80490          | 34.82<br>1.18<br>0.00   | 30.97<br>1.13<br>0.00  | 28.76<br>1.11<br>0.00   | 27.76<br>1.07<br>0.00  | 29.31<br>1.15<br>0.00   | 33.16<br>1.34<br>0.00  | 51.97<br>1.80<br>-13.37 | 54.27<br>2.07<br>-8.23  | 46.21<br>1.78<br>-0.98  | 38.89<br>0.99<br>0.00   | 41.42<br>0.73<br>0.00   | 42.42<br>0.71<br>0.00   | 43.76<br>0.73<br>0.00   | 48.44<br>0.48<br>0.00  | 51.31<br>0.71<br>0.00   | 58.31<br>1.14<br>0.00   | 79.00<br>2.75<br>0.00  | 120.11<br>5.08<br>-13.41 | 138.98<br>6.36<br>-23.03 | 120.45<br>4.78<br>-23.78 | 82.55<br>2.89<br>-14.04 | 56.23<br>1.84<br>-5.93  | 47.65<br>1.63<br>-2.06 | 42.01<br>1.35<br>-2.02 |
| MONGAUP___HYD<br>23641                     | 35.42<br>1.78<br>0.00   | 31.36<br>1.52<br>0.00  | 28.96<br>1.30<br>0.00   | 27.98<br>1.28<br>0.00  | 29.45<br>1.30<br>0.00   | 33.32<br>1.50<br>0.00  | 40.45<br>1.99<br>-1.67  | 47.37<br>2.37<br>-1.03  | 46.06<br>2.48<br>-0.13  | 40.07<br>2.16<br>0.00   | 42.84<br>2.15<br>0.00   | 43.79<br>2.08<br>0.00   | 45.23<br>2.19<br>0.00   | 50.07<br>2.11<br>0.00  | 52.84<br>2.22<br>-0.02  | 59.92<br>2.74<br>0.00   | 81.06<br>4.81<br>0.00  | 111.18<br>8.03<br>-1.53  | 121.00<br>8.77<br>-2.63  | 101.31<br>6.70<br>-2.72  | 70.89<br>3.67<br>-1.61  | 51.48<br>2.28<br>-0.74  | 46.42<br>2.20<br>-0.26 | 40.86<br>1.97<br>-0.25 |
| MONTAUK___DIESEL<br>23721                  | 35.86<br>2.22<br>0.00   | 31.63<br>1.79<br>0.00  | 29.09<br>1.44<br>0.00   | 27.82<br>1.12<br>0.00  | 29.28<br>1.13<br>0.00   | 33.32<br>1.50<br>0.00  | 40.67<br>1.88<br>-2.00  | 46.77<br>1.58<br>-1.21  | 45.58<br>2.00<br>-0.13  | 40.60<br>2.69<br>0.00   | 43.82<br>3.13<br>0.00   | 30.02<br>3.04<br>14.73  | 43.64<br>2.97<br>2.36   | 47.90<br>1.87<br>1.93  | 50.50<br>2.18<br>2.28   | 53.07<br>2.63<br>6.73   | 62.44<br>3.66<br>17.47 | 70.58<br>5.89<br>36.93   | 75.47<br>5.26<br>39.39   | 65.17<br>3.22<br>29.94   | 52.57<br>1.25<br>14.30  | 49.48<br>0.39<br>-0.63  | 44.71<br>0.44<br>-0.30 | 40.56<br>1.62<br>-0.30 |
| MOONROAD_115KV_HARTFLD_TB1-2<br>355988     | 32.78<br>-0.94<br>-0.08 | 28.37<br>-1.04<br>0.43 | 26.62<br>-1.08<br>-0.04 | 25.81<br>-0.83<br>0.06 | 27.16<br>-1.04<br>-0.04 | 29.73<br>-1.15<br>0.95 | 35.59<br>-1.84<br>-0.63 | 41.83<br>-2.64<br>-0.50 | 41.93<br>-1.74<br>-0.21 | 37.85<br>-1.33<br>-1.28 | 40.55<br>-1.26<br>-1.13 | 41.82<br>-1.08<br>-1.20 | 46.53<br>-0.39<br>-3.89 | 52.32<br>0.05<br>-4.32 | 54.80<br>-0.35<br>-4.56 | 57.22<br>-1.03<br>-1.08 | 73.35<br>-2.90<br>0.00 | 98.87<br>-2.74<br>0.00   | 109.05<br>-0.55<br>0.00  | 92.26<br>0.37<br>0.00    | 63.39<br>-2.23<br>0.00  | 47.30<br>-1.16<br>0.00  | 42.08<br>-1.89<br>0.00 | 37.21<br>-1.43<br>0.00 |



|                                            |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                          |                          |                          |                         |                        |                        |                        |
|--------------------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| MORRIS_RIDGE___SOLAR<br>323848             | 33.00<br>-0.81<br>-0.17 | 28.69<br>-0.80<br>0.35 | 26.94<br>-0.80<br>-0.09 | 26.07<br>-0.61<br>0.02 | 27.52<br>-0.73<br>-0.09 | 30.16<br>-0.89<br>0.78 | 36.29<br>-1.32<br>-0.82 | 44.30<br>-2.07<br>-2.40 | 42.26<br>-1.74<br>-0.55 | 36.45<br>-1.89<br>-0.43 | 39.35<br>-1.71<br>-0.37 | 40.72<br>-1.42<br>-0.44 | 43.78<br>-0.56<br>-1.31 | 47.67<br>-1.20<br>-0.91 | 50.70<br>-1.01<br>-1.11 | 57.02<br>-2.23<br>-2.08 | 72.44<br>-3.81<br>0.00 | 98.27<br>-3.35<br>0.00   | 107.96<br>-1.64<br>0.00  | 91.34<br>-0.55<br>0.00   | 63.45<br>-2.16<br>0.00  | 47.35<br>-1.11<br>0.00 | 42.69<br>-1.28<br>0.00 | 37.75<br>-0.89<br>0.00 |
| MORTIMER_115KV_TB3<br>55949                | 33.15<br>-0.47<br>0.02  | 28.87<br>-0.45<br>0.52 | 27.24<br>-0.41<br>0.00  | 26.25<br>-0.35<br>0.10 | 27.79<br>-0.37<br>0.00  | 30.18<br>-0.48<br>1.17 | 36.59<br>-0.66<br>-0.46 | 42.85<br>-1.28<br>-0.15 | 42.18<br>-1.17<br>0.10  | 38.38<br>-0.80<br>-1.27 | 40.83<br>-0.98<br>-1.12 | 42.03<br>-0.88<br>-1.20 | 46.48<br>-0.43<br>-3.88 | 52.17<br>-0.10<br>-4.31 | 55.00<br>-0.15<br>-4.55 | 56.96<br>-0.40<br>-0.19 | 74.73<br>-1.53<br>0.00 | 99.99<br>-1.63<br>0.00   | 108.94<br>-0.66<br>0.00  | 92.53<br>0.64<br>0.00    | 64.70<br>-0.92<br>0.00  | 48.31<br>-0.15<br>0.00 | 43.40<br>-0.57<br>0.00 | 38.45<br>-0.19<br>0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J<br>345006   | 35.93<br>2.29<br>0.00   | 31.81<br>1.97<br>0.00  | 29.29<br>1.63<br>0.00   | 28.22<br>1.52<br>0.00  | 29.65<br>1.49<br>0.00   | 33.57<br>1.75<br>0.00  | 41.00<br>2.21<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.60<br>3.00<br>-0.15  | 40.67<br>2.77<br>0.00   | 43.82<br>3.13<br>0.00   | 44.79<br>3.09<br>0.00   | 46.30<br>3.27<br>0.00   | 50.74<br>2.78<br>0.00   | 53.48<br>2.88<br>0.00   | 60.37<br>3.20<br>0.00   | 81.51<br>5.26<br>0.00  | 111.73<br>8.13<br>-1.99  | 121.23<br>8.22<br>-3.41  | 101.39<br>5.97<br>-3.52  | 71.11<br>3.41<br>-2.08  | 51.43<br>2.08<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.07<br>2.13<br>-0.30 |
| MUNSVILLE_WIND_PWR<br>323609               | 35.43<br>1.31<br>-0.48  | 31.09<br>1.25<br>0.00  | 29.10<br>1.22<br>-0.23  | 28.03<br>1.20<br>-0.13 | 29.61<br>1.21<br>-0.24  | 33.32<br>1.50<br>0.00  | 40.34<br>2.21<br>-1.34  | 49.62<br>2.90<br>-2.74  | 48.33<br>3.30<br>-1.58  | 41.35<br>2.20<br>-1.24  | 43.90<br>2.11<br>-1.10  | 45.17<br>2.29<br>-1.17  | 49.40<br>2.58<br>-3.79  | 54.80<br>2.64<br>-4.20  | 57.72<br>2.68<br>-4.44  | 66.02<br>3.83<br>-5.02  | 82.20<br>5.95<br>0.00  | 112.19<br>10.57<br>0.00  | 123.08<br>13.48<br>0.00  | 103.28<br>11.39<br>0.00  | 72.05<br>6.43<br>0.00   | 52.97<br>4.51<br>0.00  | 47.31<br>3.34<br>0.00  | 41.34<br>2.70<br>0.00  |
| N SALMON___HYD<br>24042                    | 33.78<br>0.14<br>0.00   | 29.93<br>0.09<br>0.00  | 27.68<br>0.03<br>0.00   | 26.62<br>-0.08<br>0.00 | 28.16<br>0.00<br>0.00   | 32.08<br>0.25<br>0.00  | 37.57<br>0.77<br>0.00   | 45.16<br>1.19<br>0.00   | 44.23<br>0.78<br>0.00   | 38.93<br>1.02<br>0.00   | 41.91<br>1.22<br>0.00   | 43.00<br>1.29<br>0.00   | 43.76<br>0.73<br>0.00   | 48.49<br>0.53<br>0.00   | 50.55<br>-0.05<br>0.00  | 56.77<br>-0.40<br>0.00  | 75.87<br>-0.38<br>0.00 | 100.80<br>-0.82<br>0.00  | 108.72<br>-0.88<br>0.00  | 91.34<br>-0.55<br>0.00   | 66.01<br>0.40<br>0.00   | 48.61<br>0.15<br>0.00  | 44.36<br>0.39<br>0.00  | 38.72<br>0.08<br>0.00  |
| N.AKRON__115KV_KNAPP<br>355671             | 32.82<br>-0.84<br>-0.02 | 28.61<br>-0.75<br>0.48 | 26.92<br>-0.75<br>-0.01 | 26.05<br>-0.56<br>0.08 | 27.50<br>-0.68<br>-0.01 | 29.83<br>-0.92<br>1.07 | 35.74<br>-1.58<br>-0.52 | 41.67<br>-2.59<br>-0.29 | 41.09<br>-2.39<br>-0.03 | 37.31<br>-1.86<br>-1.27 | 39.69<br>-2.12<br>-1.12 | 40.90<br>-2.00<br>-1.19 | 45.47<br>-1.42<br>-3.86 | 51.23<br>-1.01<br>-4.28 | 53.91<br>-1.21<br>-4.52 | 55.72<br>-2.00<br>-0.55 | 72.29<br>-3.97<br>0.00 | 96.94<br>-4.67<br>0.00   | 106.42<br>-3.18<br>0.00  | 90.79<br>-1.10<br>0.00   | 62.93<br>-2.69<br>0.00  | 47.39<br>-1.07<br>0.00 | 42.56<br>-1.41<br>0.00 | 38.41<br>-0.23<br>0.00 |
| N.E_GEN_SANDY PD<br>24062                  | 34.92<br>1.28<br>0.00   | 31.00<br>1.16<br>0.00  | 28.65<br>0.99<br>0.00   | 27.68<br>0.99<br>0.00  | 29.20<br>1.04<br>0.00   | 33.00<br>1.18<br>0.00  | 51.50<br>1.66<br>-13.05 | 53.81<br>1.80<br>-8.03  | 46.34<br>1.91<br>-0.98  | 39.53<br>1.63<br>0.00   | 42.40<br>1.71<br>0.00   | 43.42<br>1.71<br>0.00   | 44.58<br>1.55<br>0.00   | 49.20<br>1.24<br>0.00   | 51.74<br>1.27<br>0.13   | 58.77<br>1.60<br>0.00   | 79.22<br>2.97<br>0.00  | 119.77<br>4.98<br>-13.17 | 137.37<br>5.15<br>-22.62 | 119.20<br>3.95<br>-23.36 | 81.65<br>2.23<br>-13.80 | 55.70<br>1.45<br>-5.79 | 47.47<br>1.50<br>-2.01 | 42.00<br>1.39<br>-1.97 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G<br>345014 | 35.59<br>1.95<br>0.00   | 31.51<br>1.67<br>0.00  | 29.04<br>1.38<br>0.00   | 28.03<br>1.33<br>0.00  | 29.45<br>1.30<br>0.00   | 33.32<br>1.50<br>0.00  | 40.62<br>1.95<br>-1.87  | 47.41<br>2.29<br>-1.15  | 46.28<br>2.69<br>-0.14  | 40.37<br>2.46<br>0.00   | 43.45<br>2.77<br>0.00   | 44.42<br>2.71<br>0.00   | 45.92<br>2.88<br>0.00   | 50.41<br>2.45<br>0.00   | 53.13<br>2.53<br>0.00   | 60.09<br>2.92<br>0.00   | 81.05<br>4.80<br>0.00  | 111.14<br>7.72<br>-1.80  | 120.58<br>7.89<br>-3.09  | 100.77<br>5.70<br>-3.19  | 70.71<br>3.22<br>-1.88  | 51.28<br>1.99<br>-0.83 | 46.37<br>2.11<br>-0.29 | 40.81<br>1.89<br>-0.28 |
| N.QUEENS_27_KV_LOAD<br>356247              | 36.31<br>2.66<br>-0.01  | 32.11<br>2.27<br>-0.01 | 29.57<br>1.91<br>-0.01  | 28.49<br>1.79<br>-0.01 | 29.94<br>1.77<br>-0.01  | 33.90<br>2.07<br>-0.01 | 41.49<br>2.69<br>-2.00  | 48.02<br>2.81<br>-1.23  | 46.86<br>3.26<br>-0.15  | 40.94<br>3.03<br>0.00   | 43.94<br>3.25<br>0.00   | 45.00<br>3.29<br>0.00   | 46.56<br>3.53<br>0.00   | 50.79<br>2.83<br>0.00   | 53.53<br>2.93<br>0.00   | 60.26<br>3.09<br>0.00   | 81.66<br>5.41<br>0.00  | 112.24<br>8.64<br>-1.99  | 121.67<br>8.66<br>-3.41  | 101.57<br>6.16<br>-3.52  | 71.11<br>3.41<br>-2.08  | 51.43<br>2.08<br>-0.89 | 47.14<br>2.86<br>-0.31 | 41.61<br>2.67<br>-0.31 |
| N.TROY___115KV_TB1<br>355778               | 34.75<br>1.11<br>0.00   | 30.85<br>1.01<br>0.00  | 28.60<br>0.94<br>0.00   | 27.63<br>0.93<br>0.00  | 29.14<br>0.99<br>0.00   | 32.94<br>1.11<br>0.00  | 60.42<br>1.58<br>-22.04 | 59.31<br>1.76<br>-13.58 | 46.81<br>1.74<br>-1.62  | 39.19<br>1.29<br>0.00   | 42.03<br>1.34<br>0.00   | 43.00<br>1.29<br>0.00   | 44.37<br>1.33<br>0.00   | 48.82<br>0.86<br>0.00   | 51.61<br>1.01<br>0.00   | 58.49<br>1.31<br>0.00   | 78.84<br>2.59<br>0.00  | 128.08<br>4.37<br>-22.09 | 152.47<br>4.93<br>-37.94 | 134.84<br>3.77<br>-39.18 | 90.99<br>2.23<br>-23.14 | 59.74<br>1.50<br>-9.78 | 48.77<br>1.41<br>-3.39 | 43.25<br>1.28<br>-3.33 |
| NARROWS_GT1_1<br>24228                     | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00   | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NARROWS_GT1_2<br>24229                     | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00   | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NARROWS_GT1_3<br>24230                     | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00   | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NARROWS_GT1_4<br>24231                     | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00   | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NARROWS_GT1_5<br>24232                     | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00   | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |



|                                             |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                        |                         |                         |                        |                          |                          |                          |                         |                        |                        |                        |
|---------------------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_6<br>24233                      | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NARROWS_GT1_7<br>24234                      | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NARROWS_GT1_8<br>24235                      | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NARROWS_GT2_1<br>24236                      | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NARROWS_GT2_2<br>24237                      | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NARROWS_GT2_3<br>24238                      | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NARROWS_GT2_4<br>24239                      | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NARROWS_GT2_5<br>24240                      | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NARROWS_GT2_6<br>24241                      | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NARROWS_GT2_7<br>24242                      | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NARROWS_GT2_8<br>24243                      | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02  | 60.43<br>3.26<br>0.00   | 81.67<br>5.41<br>0.00  | 112.03<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.34<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G<br>345022 | 34.35<br>0.71<br>0.00   | 30.49<br>0.66<br>0.00  | 28.26<br>0.61<br>0.00   | 27.34<br>0.64<br>0.00  | 28.83<br>0.68<br>0.00   | 32.62<br>0.80<br>0.00  | 15.58<br>1.47<br>22.69  | 31.63<br>1.63<br>13.97  | 43.13<br>1.35<br>1.67   | 38.36<br>0.45<br>0.00   | 40.94<br>0.57<br>0.32   | 41.35<br>0.46<br>0.81   | 42.09<br>0.47<br>1.41   | 44.31<br>0.10<br>3.75  | 45.82<br>0.25<br>5.04   | 49.39<br>0.63<br>8.41   | 73.35<br>1.98<br>4.88  | 77.32<br>4.06<br>28.37   | 75.69<br>5.04<br>38.95   | 55.61<br>3.95<br>40.23   | 43.96<br>2.10<br>23.76  | 39.66<br>1.26<br>10.06 | 41.54<br>1.06<br>3.49  | 36.14<br>0.93<br>3.43  |
| NCHELSEA_115KV_TR2<br>355582                | 35.56<br>1.92<br>0.00   | 31.51<br>1.67<br>0.00  | 29.07<br>1.41<br>0.00   | 28.08<br>1.39<br>0.00  | 29.54<br>1.38<br>0.00   | 33.44<br>1.62<br>0.00  | 40.49<br>2.10<br>-1.60  | 47.42<br>2.46<br>-0.98  | 46.39<br>2.82<br>-0.12  | 40.37<br>2.46<br>0.00   | 43.41<br>2.73<br>0.00   | 44.42<br>2.71<br>0.00   | 45.92<br>2.88<br>0.00   | 50.45<br>2.49<br>0.00  | 53.23<br>2.63<br>0.00   | 60.26<br>3.09<br>0.00   | 81.44<br>5.19<br>0.00  | 111.21<br>8.13<br>-1.46  | 120.65<br>8.55<br>-2.51  | 101.00<br>6.52<br>-2.59  | 70.75<br>3.61<br>-1.53  | 51.45<br>2.28<br>-0.71 | 46.50<br>2.29<br>-0.25 | 40.97<br>2.09<br>-0.24 |
| NEG CAPITAL___MECHNVIL<br>23645             | 34.99<br>1.35<br>0.00   | 31.09<br>1.25<br>0.00  | 28.82<br>1.16<br>0.00   | 27.84<br>1.15<br>0.00  | 29.37<br>1.21<br>0.00   | 33.26<br>1.43<br>0.00  | 54.76<br>1.88<br>-16.09 | 56.04<br>2.15<br>-9.91  | 46.59<br>1.96<br>-1.19  | 39.27<br>1.36<br>0.00   | 41.91<br>1.22<br>0.00   | 42.92<br>1.21<br>0.00   | 44.20<br>1.16<br>0.00   | 49.01<br>1.05<br>0.00  | 51.75<br>1.16<br>0.02   | 58.83<br>1.66<br>0.00   | 79.38<br>3.13<br>0.00  | 123.13<br>5.38<br>-16.13 | 143.66<br>6.35<br>-27.70 | 125.37<br>4.87<br>-28.61 | 85.47<br>2.96<br>-16.90 | 57.59<br>1.99<br>-7.14 | 48.20<br>1.76<br>-2.47 | 42.62<br>1.55<br>-2.43 |
| NEG CENTRAL_HIGH_ACRES<br>23767             | 32.69<br>-1.04<br>-0.09 | 28.42<br>-0.96<br>0.46 | 26.85<br>-0.86<br>-0.05 | 25.84<br>-0.80<br>0.06 | 27.36<br>-0.84<br>-0.05 | 29.80<br>-0.99<br>1.04 | 36.37<br>-1.14<br>-0.71 | 44.54<br>-1.89<br>-2.46 | 42.28<br>-1.43<br>-0.26 | 36.79<br>-1.33<br>-0.21 | 39.72<br>-1.14<br>-0.17 | 40.97<br>-0.96<br>-0.22 | 43.35<br>-0.30<br>-0.62 | 47.01<br>-0.91<br>0.04 | 50.10<br>-0.66<br>-0.16 | 56.91<br>-1.54<br>-1.28 | 73.43<br>-2.82<br>0.00 | 98.98<br>-2.64<br>0.00   | 107.08<br>-2.52<br>0.00  | 90.88<br>-1.01<br>0.00   | 63.65<br>-1.97<br>0.00  | 47.35<br>-1.11<br>0.00 | 42.69<br>-1.28<br>0.00 | 37.60<br>-1.04<br>0.00 |



|                                     |                         |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                         |                         |                        |                        |                        |                        |
|-------------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG CENTRAL___DRP<br>24199          | 34.16<br>-0.07<br>-0.59 | 29.57<br>-0.09<br>0.18 | 27.89<br>-0.06<br>-0.29 | 26.77<br>-0.05<br>-0.12 | 28.40<br>-0.06<br>-0.30 | 31.36<br>-0.06<br>0.40 | 38.62<br>0.00<br>-1.83  | 46.66<br>-0.04<br>-2.73 | 45.58<br>0.00<br>-2.12  | 39.92<br>-0.08<br>-2.09 | 42.29<br>-0.24<br>-1.85 | 43.43<br>-0.25<br>-1.97 | 49.41<br>0.00<br>-6.38  | 55.09<br>0.05<br>-7.08  | 58.23<br>0.15<br>-7.48  | 64.29<br>0.23<br>-6.89  | 76.33<br>0.08<br>0.00  | 102.02<br>0.41<br>0.00  | 110.80<br>1.21<br>0.00  | 93.82<br>1.93<br>0.00   | 66.01<br>0.39<br>0.00  | 48.85<br>0.39<br>0.00  | 43.88<br>-0.09<br>0.00 | 38.68<br>0.04<br>0.00  |
| NEG CENTRAL___INDECK<br>23768       | 33.96<br>0.20<br>-0.12  | 29.56<br>0.12<br>0.40  | 27.88<br>0.17<br>-0.06  | 26.82<br>0.16<br>0.04   | 28.42<br>0.20<br>-0.06  | 31.15<br>0.22<br>0.90  | 37.78<br>0.26<br>-0.73  | 46.48<br>0.18<br>-2.33  | 44.12<br>0.31<br>-0.36  | 38.04<br>-0.15<br>-0.28 | 40.92<br>0.00<br>-0.24  | 42.13<br>0.13<br>-0.30  | 44.83<br>0.95<br>-0.85  | 48.75<br>0.48<br>-0.31  | 52.16<br>1.06<br>-0.50  | 59.15<br>0.46<br>-1.53  | 76.40<br>0.15<br>0.00  | 104.36<br>2.74<br>0.00  | 114.20<br>4.60<br>0.00  | 97.22<br>5.33<br>0.00   | 67.45<br>1.83<br>0.00  | 50.16<br>1.70<br>0.00  | 45.02<br>1.05<br>0.00  | 39.56<br>0.93<br>0.00  |
| NEG CENTRAL___SENECA<br>23627       | 33.93<br>-0.03<br>-0.32 | 29.46<br>-0.06<br>0.31 | 27.79<br>-0.03<br>-0.16 | 26.70<br>-0.03<br>-0.03 | 28.30<br>-0.03<br>-0.17 | 31.09<br>-0.03<br>0.70 | 37.98<br>-0.04<br>-1.22 | 45.38<br>-0.18<br>-1.59 | 44.51<br>-0.09<br>-1.15 | 39.41<br>-0.19<br>-1.70 | 41.82<br>-0.37<br>-1.50 | 42.97<br>-0.33<br>-1.60 | 48.16<br>-0.04<br>-5.17 | 53.79<br>0.10<br>-5.74  | 56.86<br>0.20<br>-6.06  | 61.38<br>0.29<br>-3.92  | 76.33<br>0.08<br>0.00  | 101.82<br>0.20<br>0.00  | 110.80<br>1.21<br>0.00  | 94.09<br>2.21<br>0.00   | 66.14<br>0.52<br>0.00  | 48.94<br>0.48<br>0.00  | 43.88<br>-0.09<br>0.00 | 38.68<br>0.04<br>0.00  |
| NEG CENTRAL___STATE_STREET<br>24147 | 34.44<br>-0.03<br>-0.83 | 29.81<br>-0.03<br>0.00 | 28.06<br>0.00<br>-0.40  | 26.89<br>-0.03<br>-0.22 | 28.56<br>-0.03<br>-0.43 | 31.79<br>-0.03<br>0.00 | 39.29<br>0.15<br>-2.35  | 47.73<br>0.18<br>-3.59  | 46.67<br>0.22<br>-3.00  | 40.34<br>0.08<br>-2.35  | 42.72<br>-0.04<br>-2.08 | 43.92<br>0.00<br>-2.22  | 50.38<br>0.17<br>-7.17  | 56.11<br>0.19<br>-7.96  | 59.26<br>0.25<br>-8.41  | 67.07<br>0.40<br>-9.50  | 76.63<br>0.38<br>0.00  | 102.84<br>1.22<br>0.00  | 111.35<br>1.75<br>0.00  | 93.91<br>2.02<br>0.00   | 66.27<br>0.66<br>0.00  | 48.90<br>0.44<br>0.00  | 44.06<br>0.09<br>0.00  | 38.75<br>0.12<br>0.00  |
| NEG MILLWOOD___DRP<br>24198         | 35.69<br>2.05<br>0.00   | 31.63<br>1.79<br>0.00  | 29.18<br>1.52<br>0.00   | 28.16<br>1.47<br>0.00   | 29.62<br>1.46<br>0.00   | 33.57<br>1.75<br>0.00  | 40.89<br>2.24<br>-1.85  | 47.75<br>2.64<br>-1.14  | 46.59<br>3.00<br>-0.14  | 40.56<br>2.65<br>0.00   | 43.62<br>2.93<br>0.00   | 44.58<br>2.88<br>0.00   | 46.17<br>3.14<br>0.00   | 50.74<br>2.78<br>0.00   | 53.43<br>2.83<br>0.00   | 60.49<br>3.32<br>0.00   | 81.66<br>5.41<br>0.00  | 111.72<br>8.33<br>-1.77 | 121.41<br>8.77<br>-3.04 | 101.65<br>6.62<br>-3.14 | 71.15<br>3.67<br>-1.86 | 51.61<br>2.33<br>-0.82 | 46.58<br>2.33<br>-0.28 | 41.00<br>2.09<br>-0.28 |
| NEG NORTH_FLCN_SEA<br>23793         | 33.64<br>0.00<br>0.00   | 29.72<br>-0.12<br>0.00 | 27.46<br>-0.19<br>0.00  | 26.38<br>-0.32<br>0.00  | 27.93<br>-0.23<br>0.00  | 31.89<br>0.06<br>0.00  | 37.31<br>0.52<br>0.00   | 44.94<br>0.97<br>0.00   | 44.15<br>0.70<br>0.00   | 39.04<br>1.14<br>0.00   | 42.19<br>1.51<br>0.00   | 43.67<br>1.96<br>0.00   | 43.76<br>0.73<br>0.00   | 48.06<br>0.10<br>0.00   | 49.18<br>-1.42<br>0.00  | 54.14<br>-3.03<br>0.00  | 72.59<br>-3.66<br>0.00 | 96.54<br>-5.08<br>0.00  | 103.79<br>-5.81<br>0.00 | 86.74<br>-5.15<br>0.00  | 62.47<br>-3.15<br>0.00 | 46.33<br>-2.13<br>0.00 | 43.31<br>-0.66<br>0.00 | 38.29<br>-0.35<br>0.00 |
| NEG NORTH_KES_CHATEGAY<br>23792     | 33.41<br>-0.24<br>0.00  | 29.51<br>-0.33<br>0.00 | 27.30<br>-0.36<br>0.00  | 26.24<br>-0.45<br>0.00  | 27.76<br>-0.39<br>0.00  | 31.60<br>-0.22<br>0.00 | 36.83<br>0.04<br>0.00   | 44.24<br>0.26<br>0.00   | 43.50<br>0.04<br>0.00   | 38.28<br>0.38<br>0.00   | 41.30<br>0.61<br>0.00   | 42.67<br>0.96<br>0.00   | 43.33<br>0.30<br>0.00   | 48.15<br>0.19<br>0.00   | 50.04<br>-0.56<br>0.00  | 55.80<br>-1.37<br>0.00  | 74.57<br>-1.68<br>0.00 | 98.98<br>-2.64<br>0.00  | 106.64<br>-2.96<br>0.00 | 89.22<br>-2.66<br>0.00  | 64.37<br>-1.25<br>0.00 | 47.44<br>-1.02<br>0.00 | 43.53<br>-0.44<br>0.00 | 38.14<br>-0.50<br>0.00 |
| NEG NORTH___ALICE_FALLS<br>23915    | 33.71<br>0.07<br>0.00   | 29.81<br>-0.03<br>0.00 | 27.52<br>-0.14<br>0.00  | 26.43<br>-0.27<br>0.00  | 27.99<br>-0.17<br>0.00  | 31.95<br>0.13<br>0.00  | 37.50<br>0.70<br>0.00   | 45.12<br>1.14<br>0.00   | 44.23<br>0.78<br>0.00   | 39.08<br>1.18<br>0.00   | 42.19<br>1.51<br>0.00   | 43.67<br>1.96<br>0.00   | 43.94<br>0.90<br>0.00   | 48.44<br>0.48<br>0.00   | 49.84<br>-0.76<br>0.00  | 55.06<br>-2.12<br>0.00  | 73.81<br>-2.44<br>0.00 | 98.37<br>-3.25<br>0.00  | 105.87<br>-3.73<br>0.00 | 88.67<br>-3.22<br>0.00  | 63.91<br>-1.71<br>0.00 | 47.15<br>-1.31<br>0.00 | 43.71<br>-0.26<br>0.00 | 38.41<br>-0.23<br>0.00 |
| NEG NORTH___LWR_SARANAC<br>23913    | 33.71<br>0.07<br>0.00   | 29.81<br>-0.03<br>0.00 | 27.52<br>-0.14<br>0.00  | 26.43<br>-0.27<br>0.00  | 27.99<br>-0.17<br>0.00  | 31.95<br>0.13<br>0.00  | 37.50<br>0.70<br>0.00   | 45.12<br>1.14<br>0.00   | 44.23<br>0.78<br>0.00   | 39.08<br>1.18<br>0.00   | 42.19<br>1.51<br>0.00   | 43.67<br>1.96<br>0.00   | 43.94<br>0.90<br>0.00   | 48.44<br>0.48<br>0.00   | 49.84<br>-0.76<br>0.00  | 55.06<br>-2.12<br>0.00  | 73.81<br>-2.44<br>0.00 | 98.37<br>-3.25<br>0.00  | 105.87<br>-3.73<br>0.00 | 88.67<br>-3.22<br>0.00  | 63.91<br>-1.71<br>0.00 | 47.15<br>-1.31<br>0.00 | 43.71<br>-0.26<br>0.00 | 38.41<br>-0.23<br>0.00 |
| NEG NORTH___PLATTSBURG<br>23628     | 33.71<br>0.07<br>0.00   | 29.81<br>-0.03<br>0.00 | 27.52<br>-0.14<br>0.00  | 26.46<br>-0.24<br>0.00  | 27.99<br>-0.17<br>0.00  | 31.95<br>0.13<br>0.00  | 37.46<br>0.66<br>0.00   | 45.11<br>1.14<br>0.00   | 44.23<br>0.78<br>0.00   | 39.08<br>1.18<br>0.00   | 42.19<br>1.51<br>0.00   | 42.87<br>1.17<br>0.00   | 43.29<br>0.26<br>0.00   | 47.34<br>-0.62<br>0.00  | 49.03<br>-1.57<br>0.00  | 55.06<br>-2.11<br>0.00  | 73.89<br>-2.36<br>0.00 | 98.27<br>-3.35<br>0.00  | 105.87<br>-3.73<br>0.00 | 88.67<br>-3.22<br>0.00  | 63.91<br>-1.71<br>0.00 | 47.15<br>-1.31<br>0.00 | 43.71<br>-0.26<br>0.00 | 38.41<br>-0.23<br>0.00 |
| NEG WEST_LEA_LOCKPORT<br>23791      | 32.42<br>-1.24<br>-0.03 | 28.26<br>-1.10<br>0.47 | 26.54<br>-1.13<br>-0.02 | 25.74<br>-0.88<br>0.08  | 27.11<br>-1.07<br>-0.02 | 29.40<br>-1.37<br>1.05 | 35.05<br>-2.28<br>-0.54 | 40.56<br>-3.74<br>-0.32 | 40.08<br>-3.43<br>-0.06 | 36.40<br>-2.77<br>-1.26 | 38.75<br>-3.05<br>-1.12 | 40.02<br>-2.88<br>-1.19 | 44.56<br>-2.32<br>-3.85 | 50.18<br>-2.06<br>-4.28 | 52.69<br>-2.43<br>-4.52 | 54.32<br>-3.49<br>-0.64 | 70.23<br>-6.02<br>0.00 | 93.79<br>-7.82<br>0.00  | 103.13<br>-6.47<br>0.00 | 87.85<br>-4.04<br>0.00  | 60.96<br>-4.66<br>0.00 | 46.04<br>-2.42<br>0.00 | 41.51<br>-2.46<br>0.00 | 37.71<br>-0.93<br>0.00 |
| NEG WEST___LANCASTER<br>23811       | 32.61<br>-1.11<br>-0.08 | 28.28<br>-1.13<br>0.43 | 26.53<br>-1.16<br>-0.04 | 25.73<br>-0.91<br>0.06  | 27.10<br>-1.10<br>-0.04 | 29.54<br>-1.34<br>0.95 | 35.40<br>-2.02<br>-0.63 | 41.44<br>-3.03<br>-0.50 | 40.93<br>-2.74<br>-0.22 | 36.87<br>-2.31<br>-1.28 | 39.37<br>-2.44<br>-1.13 | 40.53<br>-2.38<br>-1.20 | 45.12<br>-1.81<br>-3.89 | 50.75<br>-1.53<br>-4.32 | 53.19<br>-1.97<br>-4.57 | 55.47<br>-2.80<br>-1.10 | 71.22<br>-5.03<br>0.00 | 95.83<br>-5.79<br>0.00  | 105.21<br>-4.38<br>0.00 | 89.13<br>-2.76<br>0.00  | 61.75<br>-3.87<br>0.00 | 46.47<br>-1.99<br>0.00 | 41.82<br>-2.15<br>0.00 | 37.29<br>-1.35<br>0.00 |
| NEG_PENN_ALLEGHNY<br>23528          | 34.32<br>0.30<br>-0.38  | 29.92<br>0.21<br>0.13  | 28.03<br>0.19<br>-0.18  | 26.99<br>0.21<br>-0.08  | 28.52<br>0.17<br>-0.20  | 31.73<br>0.19<br>0.28  | 38.28<br>0.29<br>-1.19  | 46.99<br>0.27<br>-2.75  | 45.59<br>0.39<br>-1.75  | 39.47<br>0.19<br>-1.37  | 42.22<br>0.32<br>-1.21  | 43.34<br>0.33<br>-1.30  | 47.95<br>0.73<br>-4.19  | 53.04<br>0.43<br>-4.65  | 56.07<br>0.56<br>-4.91  | 63.06<br>0.35<br>-5.55  | 76.63<br>0.38<br>0.00  | 103.14<br>1.53<br>0.00  | 111.57<br>1.97<br>0.00  | 93.82<br>1.93<br>0.00   | 66.08<br>0.46<br>0.00  | 48.85<br>0.39<br>0.00  | 44.24<br>0.27<br>0.00  | 38.91<br>0.27<br>0.00  |
| NEG___GEN_MONROE<br>24207           | 33.19<br>-0.44<br>0.02  | 28.90<br>-0.42<br>0.52 | 27.24<br>-0.41<br>0.00  | 26.25<br>-0.35<br>0.10  | 27.82<br>-0.34<br>0.00  | 30.22<br>-0.45<br>1.16 | 36.52<br>-0.74<br>-0.46 | 42.72<br>-1.41<br>-0.16 | 42.06<br>-1.30<br>0.09  | 38.27<br>-0.91<br>-1.27 | 40.71<br>-1.10<br>-1.12 | 41.86<br>-1.04<br>-1.20 | 46.35<br>-0.56<br>-3.88 | 52.03<br>-0.24<br>-4.31 | 54.84<br>-0.30<br>-4.55 | 56.63<br>-0.74<br>-0.21 | 74.04<br>-2.21<br>0.00 | 99.28<br>-2.34<br>0.00  | 108.39<br>-1.21<br>0.00 | 92.44<br>0.55<br>0.00   | 64.50<br>-1.12<br>0.00 | 48.22<br>-0.24<br>0.00 | 43.31<br>-0.66<br>0.00 | 38.52<br>-0.12<br>0.00 |
| NEPA___ENERGY<br>23901              | 33.08<br>-0.64<br>-0.07 | 28.69<br>-0.72<br>0.43 | 26.92<br>-0.77<br>-0.04 | 26.10<br>-0.53<br>0.06  | 27.47<br>-0.73<br>-0.04 | 29.98<br>-0.89<br>0.95 | 35.87<br>-1.55<br>-0.62 | 42.10<br>-2.37<br>-0.50 | 41.63<br>-2.04<br>-0.22 | 37.51<br>-1.67<br>-1.28 | 40.06<br>-1.75<br>-1.13 | 41.24<br>-1.67<br>-1.20 | 45.85<br>-1.08<br>-3.89 | 51.51<br>-0.77<br>-4.32 | 54.05<br>-1.11<br>-4.56 | 56.43<br>-1.83<br>-1.09 | 72.51<br>-3.74<br>0.00 | 97.55<br>-4.06<br>0.00  | 107.19<br>-2.41<br>0.00 | 90.69<br>-1.19<br>0.00  | 62.79<br>-2.82<br>0.00 | 47.15<br>-1.31<br>0.00 | 42.39<br>-1.58<br>0.00 | 37.67<br>-0.97<br>0.00 |



|                                     |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                           |                           |                           |                           |                        |                          |                          |                          |                         |                        |                        |                        |
|-------------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| NEVERSINK___HYD<br>23608            | 35.42<br>1.78<br>0.00   | 31.36<br>1.52<br>0.00  | 28.96<br>1.30<br>0.00   | 27.98<br>1.28<br>0.00   | 29.43<br>1.27<br>0.00   | 33.32<br>1.50<br>0.00   | 38.78<br>1.99<br>0.00   | 46.39<br>2.42<br>0.00   | 46.01<br>2.56<br>0.00   | 40.22<br>2.31<br>0.00   | 42.98<br>2.32<br>0.03   | 43.98<br>2.33<br>0.06   | 45.37<br>2.45<br>0.11     | 50.01<br>2.35<br>0.30     | 52.65<br>2.43<br>0.38     | 59.42<br>2.91<br>0.67     | 80.82<br>4.95<br>0.39  | 109.30<br>8.13<br>0.45   | 118.37<br>8.77<br>0.00   | 98.59<br>6.70<br>0.00    | 69.29<br>3.67<br>0.00   | 50.79<br>2.33<br>0.00  | 46.17<br>2.20<br>0.00  | 40.61<br>1.97<br>0.00  |
| NEWKRMKL_115KV_TB1<br>55635         | 34.01<br>0.37<br>0.00   | 30.26<br>0.42<br>0.00  | 28.01<br>0.36<br>0.00   | 27.07<br>0.37<br>0.00   | 28.55<br>0.39<br>0.00   | 32.27<br>0.45<br>0.00   | 34.37<br>0.85<br>3.27   | 42.79<br>0.84<br>2.01   | 44.04<br>0.83<br>0.24   | 38.47<br>0.57<br>0.00   | 41.26<br>0.57<br>0.00   | 42.16<br>0.46<br>0.00   | 43.46<br>0.43<br>0.00     | 47.91<br>-0.05<br>0.00    | 50.65<br>0.05<br>0.00     | 57.40<br>0.23<br>0.00     | 77.24<br>0.99<br>0.00  | 100.52<br>2.13<br>3.24   | 106.45<br>2.41<br>5.56   | 87.81<br>1.65<br>5.74    | 62.95<br>0.72<br>3.39   | 47.35<br>0.34<br>1.45  | 43.86<br>0.40<br>0.50  | 38.49<br>0.35<br>0.49  |
| NEWTON___FALLS_HYD<br>23847         | 33.99<br>0.07<br>-0.28  | 29.96<br>0.12<br>0.00  | 27.90<br>0.11<br>-0.14  | 26.85<br>0.08<br>-0.08  | 28.42<br>0.11<br>-0.15  | 32.08<br>0.25<br>0.00   | 38.26<br>0.66<br>-0.80  | 46.36<br>1.06<br>-1.33  | 44.98<br>0.48<br>-1.05  | 38.96<br>0.23<br>-0.82  | 41.78<br>0.37<br>-0.73  | 43.07<br>0.58<br>-0.78  | 45.93<br>0.39<br>-2.51    | 51.27<br>0.53<br>-2.78    | 53.79<br>0.25<br>-2.94    | 60.67<br>0.17<br>-3.32    | 76.56<br>0.31<br>0.00  | 102.63<br>1.02<br>0.00   | 111.02<br>1.42<br>0.00   | 93.36<br>1.47<br>0.00    | 66.93<br>1.31<br>0.00   | 49.62<br>1.16<br>0.00  | 44.67<br>0.70<br>0.00  | 39.02<br>0.39<br>0.00  |
| NGRID_A1_DSASP<br>323792            | 32.62<br>-1.04<br>-0.03 | 28.47<br>-0.89<br>0.47 | 26.70<br>-0.97<br>-0.02 | 25.95<br>-0.67<br>0.08  | 27.30<br>-0.87<br>-0.02 | 29.41<br>-1.37<br>1.04  | 34.53<br>-2.80<br>-0.53 | 41.88<br>-4.22<br>-2.13 | 40.34<br>-3.17<br>-0.06 | 34.85<br>-3.11<br>-0.05 | 37.95<br>-2.77<br>-0.03 | 39.48<br>-2.29<br>-0.07 | 41.80<br>-1.33<br>-0.10   | 45.09<br>-2.25<br>0.62    | 48.02<br>-2.12<br>0.45    | 53.45<br>-4.35<br>-0.63   | 68.78<br>-7.47<br>0.00 | 92.57<br>-9.04<br>0.00   | 101.26<br>-8.33<br>0.00  | 86.38<br>-5.51<br>0.00   | 59.97<br>-5.64<br>0.00  | 45.36<br>-3.10<br>0.00 | 41.29<br>-2.68<br>0.00 | 36.82<br>-1.82<br>0.00 |
| NGRID_A2_DSASP<br>323793            | 32.62<br>-1.04<br>-0.03 | 28.47<br>-0.89<br>0.47 | 26.70<br>-0.97<br>-0.02 | 25.95<br>-0.67<br>0.08  | 27.30<br>-0.87<br>-0.02 | 29.41<br>-1.37<br>1.04  | 34.53<br>-2.80<br>-0.53 | 41.88<br>-4.22<br>-2.13 | 40.34<br>-3.17<br>-0.06 | 34.85<br>-3.11<br>-0.05 | 37.95<br>-2.77<br>-0.03 | 39.48<br>-2.29<br>-0.07 | 41.80<br>-1.33<br>-0.10   | 45.09<br>-2.25<br>0.62    | 48.02<br>-2.12<br>0.45    | 53.45<br>-4.35<br>-0.63   | 68.78<br>-7.47<br>0.00 | 92.57<br>-9.04<br>0.00   | 101.26<br>-8.33<br>0.00  | 86.38<br>-5.51<br>0.00   | 59.97<br>-5.64<br>0.00  | 45.36<br>-3.10<br>0.00 | 41.29<br>-2.68<br>0.00 | 36.82<br>-1.82<br>0.00 |
| NGRID_A4_DSASP<br>323807            | 32.62<br>-1.04<br>-0.03 | 28.47<br>-0.89<br>0.47 | 26.70<br>-0.97<br>-0.02 | 25.95<br>-0.67<br>0.08  | 27.30<br>-0.87<br>-0.02 | 29.41<br>-1.37<br>1.04  | 34.53<br>-2.80<br>-0.53 | 41.88<br>-4.22<br>-2.13 | 40.34<br>-3.17<br>-0.06 | 34.85<br>-3.11<br>-0.05 | 37.95<br>-2.77<br>-0.03 | 39.48<br>-2.29<br>-0.07 | 41.80<br>-1.33<br>-0.10   | 45.09<br>-2.25<br>0.62    | 48.02<br>-2.12<br>0.45    | 53.45<br>-4.35<br>-0.63   | 68.78<br>-7.47<br>0.00 | 92.57<br>-9.04<br>0.00   | 101.26<br>-8.33<br>0.00  | 86.38<br>-5.51<br>0.00   | 59.97<br>-5.64<br>0.00  | 45.36<br>-3.10<br>0.00 | 41.29<br>-2.68<br>0.00 | 36.82<br>-1.82<br>0.00 |
| NIAGARA_115E_LBMP<br>323715         | 32.09<br>-1.58<br>-0.03 | 27.97<br>-1.40<br>0.47 | 26.26<br>-1.41<br>-0.02 | 25.50<br>-1.12<br>0.08  | 26.85<br>-1.32<br>-0.02 | 29.06<br>-1.72<br>1.04  | 34.54<br>-2.80<br>-0.54 | 41.84<br>-4.26<br>-2.14 | 40.35<br>-3.17<br>-0.07 | 34.89<br>-3.07<br>-0.06 | 37.99<br>-2.73<br>-0.03 | 39.49<br>-2.29<br>-0.08 | 41.85<br>-1.33<br>-0.15   | 45.15<br>-2.25<br>0.55    | 48.13<br>-2.08<br>0.39    | 53.54<br>-4.29<br>-0.66   | 68.93<br>-7.32<br>0.00 | 92.88<br>-8.74<br>0.00   | 101.71<br>-7.89<br>0.00  | 86.65<br>-5.23<br>0.00   | 60.17<br>-5.45<br>0.00  | 45.46<br>-3.00<br>0.00 | 41.38<br>-2.59<br>0.00 | 37.36<br>-1.27<br>0.00 |
| NIAGARA_115W_LBMP<br>323714         | 32.59<br>-1.08<br>-0.03 | 28.44<br>-0.93<br>0.47 | 26.70<br>-0.97<br>-0.02 | 25.92<br>-0.69<br>0.08  | 27.27<br>-0.90<br>-0.02 | 29.38<br>-1.40<br>1.05  | 34.46<br>-2.87<br>-0.53 | 41.79<br>-4.31<br>-2.12 | 40.20<br>-3.30<br>-0.06 | 34.77<br>-3.18<br>-0.05 | 37.86<br>-2.85<br>-0.02 | 39.40<br>-2.38<br>-0.07 | 41.67<br>-1.46<br>-0.10   | 44.94<br>-2.40<br>0.62    | 47.91<br>-2.23<br>0.46    | 53.33<br>-4.46<br>-0.62   | 68.63<br>-7.62<br>0.00 | 92.37<br>-9.25<br>0.00   | 101.05<br>-8.55<br>0.00  | 86.10<br>-5.79<br>0.00   | 59.84<br>-5.77<br>0.00  | 45.26<br>-3.20<br>0.00 | 41.20<br>-2.77<br>0.00 | 36.75<br>-1.89<br>0.00 |
| NIAGARA_230_LBMP<br>323716          | 32.52<br>-1.14<br>-0.02 | 28.32<br>-1.05<br>0.47 | 26.59<br>-1.08<br>-0.01 | 25.82<br>-0.80<br>0.08  | 27.16<br>-1.01<br>-0.01 | 29.43<br>-1.34<br>1.06  | 35.00<br>-2.32<br>-0.52 | 42.39<br>-3.69<br>-2.11 | 40.79<br>-2.69<br>-0.04 | 35.32<br>-2.62<br>-0.03 | 38.42<br>-2.28<br>-0.01 | 39.92<br>-1.83<br>-0.05 | 42.25<br>-0.86<br>-0.08   | 45.59<br>-1.72<br>0.64    | 48.55<br>-1.57<br>0.48    | 54.07<br>-3.66<br>-0.56   | 69.77<br>-6.48<br>0.00 | 93.89<br>-7.73<br>0.00   | 102.70<br>-6.90<br>0.00  | 87.48<br>-4.41<br>0.00   | 60.83<br>-4.79<br>0.00  | 45.94<br>-2.52<br>0.00 | 41.82<br>-2.15<br>0.00 | 37.29<br>-1.35<br>0.00 |
| NIAGARA___115KV_198_GIBSON<br>55903 | 32.59<br>-1.08<br>-0.03 | 28.44<br>-0.92<br>0.47 | 26.70<br>-0.97<br>-0.02 | 25.92<br>-0.69<br>0.08  | 27.27<br>-0.90<br>-0.02 | 29.38<br>-1.40<br>1.05  | 34.49<br>-2.83<br>-0.53 | 39.98<br>-4.31<br>-0.32 | 39.55<br>-3.95<br>-0.06 | 35.90<br>-3.26<br>-1.26 | 38.21<br>-3.58<br>-1.11 | 39.47<br>-3.42<br>-1.18 | 43.98<br>-2.88<br>-3.83   | 49.47<br>-2.73<br>-4.25   | 51.95<br>-3.14<br>-4.49   | 53.39<br>-4.40<br>-0.62   | 69.01<br>-7.24<br>0.00 | 91.96<br>-9.65<br>0.00   | 101.05<br>-8.55<br>0.00  | 86.10<br>-5.79<br>0.00   | 59.84<br>-5.77<br>0.00  | 45.26<br>-3.20<br>0.00 | 40.89<br>-3.08<br>0.00 | 36.75<br>-1.89<br>0.00 |
| NIAGARA____<br>23760                | 32.53<br>-1.14<br>-0.03 | 28.33<br>-1.05<br>0.47 | 26.59<br>-1.08<br>-0.02 | 25.82<br>-0.80<br>0.08  | 27.16<br>-1.01<br>-0.02 | 29.44<br>-1.34<br>1.04  | 35.02<br>-2.32<br>-0.54 | 42.40<br>-3.69<br>-2.12 | 40.81<br>-2.69<br>-0.06 | 35.34<br>-2.62<br>-0.05 | 38.43<br>-2.28<br>-0.03 | 39.94<br>-1.83<br>-0.07 | 42.29<br>-0.86<br>-0.11   | 45.64<br>-1.72<br>0.60    | 48.59<br>-1.57<br>0.44    | 54.13<br>-3.66<br>-0.62   | 69.77<br>-6.48<br>0.00 | 93.89<br>-7.73<br>0.00   | 102.70<br>-6.90<br>0.00  | 87.48<br>-4.41<br>0.00   | 60.83<br>-4.79<br>0.00  | 45.94<br>-2.52<br>0.00 | 41.82<br>-2.15<br>0.00 | 37.29<br>-1.35<br>0.00 |
| NINE_MILE_1<br>23575                | 22.22<br>-0.91<br>10.51 | 21.95<br>-0.80<br>7.08 | 21.90<br>-0.75<br>5.01  | 21.88<br>-0.72<br>4.09  | 22.04<br>-0.76<br>5.35  | 15.17<br>-0.86<br>15.79 | 13.19<br>-0.92<br>22.69 | 6.51<br>-1.10<br>36.36  | -4.66<br>-1.00<br>47.11 | -0.01<br>-0.95<br>36.97 | 6.80<br>-0.98<br>32.91  | 6.24<br>-1.00<br>34.46  | -70.90<br>-0.91<br>113.03 | -92.45<br>-1.20<br>139.21 | -93.90<br>-1.21<br>143.28 | -85.18<br>-1.37<br>140.98 | 74.20<br>-2.06<br>0.00 | 99.28<br>-2.33<br>0.00   | 107.19<br>-2.41<br>0.00  | 90.14<br>-1.75<br>0.00   | 64.04<br>-1.58<br>0.00  | 47.30<br>-1.16<br>0.00 | 42.83<br>-1.14<br>0.00 | 37.63<br>-1.00<br>0.00 |
| NINE_MILE_2<br>23744                | 22.06<br>-0.91<br>10.68 | 21.85<br>-0.80<br>7.18 | 21.82<br>-0.75<br>5.09  | 21.82<br>-0.72<br>4.16  | 21.96<br>-0.76<br>5.44  | 14.94<br>-0.86<br>16.02 | 12.82<br>-0.92<br>23.06 | 5.91<br>-1.10<br>36.96  | -5.39<br>-1.00<br>47.84 | -0.59<br>-0.95<br>37.55 | 6.29<br>-0.98<br>33.42  | 5.71<br>-1.00<br>35.00  | -72.66<br>-0.91<br>114.78 | -94.60<br>-1.20<br>141.36 | -96.12<br>-1.21<br>145.50 | -87.38<br>-1.37<br>143.18 | 74.20<br>-2.06<br>0.00 | 99.28<br>-2.33<br>0.00   | 107.19<br>-2.41<br>0.00  | 90.14<br>-1.75<br>0.00   | 64.04<br>-1.58<br>0.00  | 47.30<br>-1.16<br>0.00 | 42.83<br>-1.14<br>0.00 | 37.63<br>-1.00<br>0.00 |
| NM_CAPITAL___DRP<br>24208           | 34.18<br>0.54<br>0.00   | 30.37<br>0.54<br>0.00  | 28.13<br>0.47<br>0.00   | 27.18<br>0.48<br>0.00   | 28.66<br>0.51<br>0.00   | 32.39<br>0.57<br>0.00   | 54.91<br>0.99<br>-17.12 | 55.52<br>1.01<br>-10.54 | 45.75<br>1.04<br>-1.26  | 38.66<br>0.76<br>0.00   | 41.46<br>0.77<br>0.00   | 42.42<br>0.71<br>0.00   | 43.72<br>0.69<br>0.00     | 48.15<br>0.19<br>0.00     | 50.90<br>0.30<br>0.00     | 57.63<br>0.46<br>0.00     | 77.62<br>1.37<br>0.00  | 121.32<br>2.54<br>-17.16 | 141.92<br>2.85<br>-29.47 | 124.34<br>2.02<br>-30.43 | 84.57<br>0.98<br>-17.97 | 56.59<br>0.53<br>-7.59 | 47.22<br>0.62<br>-2.63 | 41.77<br>0.54<br>-2.59 |
| NM_CENTRAL___DRP<br>24181           | 33.88<br>-0.27<br>-0.51 | 29.42<br>-0.21<br>0.21 | 27.71<br>-0.19<br>-0.25 | 26.61<br>-0.19<br>-0.10 | 28.20<br>-0.23<br>-0.26 | 31.10<br>-0.25<br>0.47  | 38.29<br>-0.15<br>-1.64 | 45.79<br>-0.18<br>-1.99 | 44.81<br>-0.13<br>-1.49 | 39.56<br>-0.19<br>-1.85 | 42.07<br>-0.24<br>-1.63 | 43.19<br>-0.25<br>-1.74 | 48.49<br>-0.17<br>-5.63   | 53.97<br>-0.24<br>-6.25   | 56.99<br>-0.20<br>-6.60   | 62.02<br>-0.11<br>-4.97   | 75.79<br>-0.46<br>0.00 | 101.52<br>-0.10<br>0.00  | 109.60<br>0.00<br>0.00   | 92.26<br>0.37<br>0.00    | 65.35<br>-0.26<br>0.00  | 48.22<br>-0.24<br>0.00 | 43.57<br>-0.40<br>0.00 | 38.37<br>-0.27<br>0.00 |



|                               |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                          |                          |                          |                         |                        |                        |                        |
|-------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| NM_FRONTIER___DRP<br>24179    | 32.59<br>-1.08<br>-0.03 | 28.44<br>-0.92<br>0.47 | 26.70<br>-0.97<br>-0.02 | 25.92<br>-0.69<br>0.08 | 27.27<br>-0.90<br>-0.02 | 29.38<br>-1.40<br>1.05 | 34.49<br>-2.83<br>-0.53 | 39.98<br>-4.31<br>-0.32 | 39.55<br>-3.95<br>-0.06 | 35.90<br>-3.26<br>-1.26 | 38.21<br>-3.58<br>-1.11 | 39.47<br>-3.42<br>-1.18 | 43.98<br>-2.88<br>-3.83 | 49.47<br>-2.73<br>-4.25 | 51.95<br>-3.14<br>-4.49 | 53.39<br>-4.40<br>-0.62 | 69.01<br>-7.24<br>0.00 | 91.96<br>-9.65<br>0.00   | 101.05<br>-8.55<br>0.00  | 86.10<br>-5.79<br>0.00   | 59.84<br>-5.77<br>0.00  | 45.26<br>-3.20<br>0.00 | 40.89<br>-3.08<br>0.00 | 36.75<br>-1.89<br>0.00 |
| NM_ST_REGIS___HYD<br>24053    | 33.91<br>0.13<br>-0.14  | 29.99<br>0.15<br>0.00  | 27.83<br>0.11<br>-0.07  | 26.76<br>0.03<br>-0.04 | 28.31<br>0.08<br>-0.07  | 32.11<br>0.29<br>0.00  | 37.88<br>0.70<br>-0.38  | 45.76<br>1.10<br>-0.69  | 44.56<br>0.56<br>-0.55  | 38.94<br>0.61<br>-0.43  | 41.80<br>0.73<br>-0.38  | 43.20<br>1.08<br>-0.41  | 44.99<br>0.65<br>-1.31  | 50.28<br>0.86<br>-1.46  | 52.49<br>0.35<br>-1.54  | 58.85<br>-0.06<br>-1.74 | 76.17<br>-0.08<br>0.00 | 101.01<br>-0.61<br>0.00  | 108.83<br>-0.77<br>0.00  | 91.43<br>-0.46<br>0.00   | 66.21<br>0.59<br>0.00   | 49.09<br>0.63<br>0.00  | 44.63<br>0.66<br>0.00  | 38.95<br>0.31<br>0.00  |
| NORTHPORT___1<br>23551        | 35.63<br>1.98<br>0.00   | 31.42<br>1.58<br>0.00  | 28.87<br>1.22<br>0.00   | 27.66<br>0.96<br>0.00  | 29.11<br>0.96<br>0.00   | 33.06<br>1.24<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.24<br>1.05<br>-1.21  | 44.99<br>1.39<br>-0.15  | 40.22<br>2.31<br>0.00   | 42.84<br>2.15<br>0.00   | 43.75<br>2.04<br>0.00   | 44.71<br>1.68<br>0.00   | 49.48<br>1.53<br>0.01   | 52.34<br>1.72<br>-0.02  | 59.29<br>2.12<br>0.00   | 79.60<br>3.35<br>0.00  | 109.08<br>5.48<br>-1.98  | 117.91<br>5.04<br>-3.27  | 87.61<br>3.40<br>7.68    | 69.41<br>1.77<br>-2.02  | 50.26<br>0.92<br>-0.88 | 45.24<br>0.97<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| NORTHPORT___2<br>23552        | 35.63<br>1.98<br>0.00   | 31.42<br>1.58<br>0.00  | 28.87<br>1.22<br>0.00   | 27.66<br>0.96<br>0.00  | 29.11<br>0.96<br>0.00   | 33.06<br>1.24<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.24<br>1.05<br>-1.21  | 44.99<br>1.39<br>-0.15  | 40.22<br>2.31<br>0.00   | 42.84<br>2.15<br>0.00   | 43.75<br>2.04<br>0.00   | 44.71<br>1.68<br>0.00   | 49.48<br>1.53<br>0.01   | 52.34<br>1.72<br>-0.02  | 59.29<br>2.12<br>0.00   | 79.60<br>3.35<br>0.00  | 109.08<br>5.48<br>-1.98  | 117.91<br>5.04<br>-3.27  | 87.61<br>3.40<br>7.68    | 69.41<br>1.77<br>-2.02  | 50.26<br>0.92<br>-0.88 | 45.24<br>0.97<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| NORTHPORT___3<br>23553        | 35.46<br>1.82<br>0.00   | 31.30<br>1.46<br>0.00  | 28.76<br>1.11<br>0.00   | 27.58<br>0.88<br>0.00  | 29.03<br>0.87<br>0.00   | 32.94<br>1.11<br>0.00  | 40.27<br>1.47<br>-2.00  | 45.89<br>0.70<br>-1.21  | 44.64<br>1.04<br>-0.15  | 40.07<br>2.16<br>0.00   | 42.68<br>1.99<br>0.00   | 43.60<br>1.13<br>-0.77  | 44.02<br>0.86<br>-0.12  | 48.60<br>0.67<br>0.03   | 51.36<br>0.76<br>0.00   | 58.19<br>1.08<br>0.07   | 78.19<br>2.13<br>0.19  | 107.02<br>3.86<br>-1.54  | 115.79<br>3.40<br>-2.79  | 86.06<br>1.93<br>7.76    | 68.12<br>0.66<br>-1.84  | 49.39<br>0.05<br>-0.88 | 44.93<br>0.66<br>-0.30 | 40.76<br>1.82<br>-0.30 |
| NORTHPORT___4<br>23650        | 35.46<br>1.82<br>0.00   | 31.30<br>1.46<br>0.00  | 28.76<br>1.11<br>0.00   | 27.58<br>0.88<br>0.00  | 29.03<br>0.87<br>0.00   | 32.94<br>1.11<br>0.00  | 40.27<br>1.47<br>-2.00  | 45.89<br>0.70<br>-1.21  | 44.64<br>1.04<br>-0.15  | 40.07<br>2.16<br>0.00   | 42.68<br>1.99<br>0.00   | 43.20<br>1.13<br>-0.37  | 43.96<br>0.86<br>-0.06  | 48.60<br>0.67<br>0.03   | 51.36<br>0.76<br>0.00   | 58.19<br>1.08<br>0.07   | 78.19<br>2.13<br>0.19  | 107.02<br>3.86<br>-1.54  | 115.79<br>3.40<br>-2.79  | 86.06<br>1.93<br>7.76    | 68.12<br>0.66<br>-1.84  | 49.39<br>0.05<br>-0.88 | 44.93<br>0.66<br>-0.30 | 40.76<br>1.82<br>-0.30 |
| NORTHPORT___IC<br>23718       | 35.63<br>1.98<br>0.00   | 31.42<br>1.58<br>0.00  | 28.87<br>1.22<br>0.00   | 27.68<br>0.99<br>0.00  | 29.11<br>0.96<br>0.00   | 33.06<br>1.24<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.29<br>1.10<br>-1.21  | 45.15<br>1.56<br>-0.13  | 40.29<br>2.39<br>0.00   | 43.37<br>2.69<br>0.00   | 44.46<br>2.75<br>0.00   | 45.70<br>2.67<br>0.00   | 49.43<br>1.49<br>0.01   | 52.36<br>1.77<br>0.01   | 59.40<br>2.23<br>0.00   | 79.53<br>3.28<br>0.00  | 109.09<br>5.49<br>-1.98  | 118.02<br>5.15<br>-3.27  | 87.70<br>3.49<br>7.68    | 69.41<br>1.77<br>-2.02  | 50.26<br>0.92<br>-0.88 | 45.37<br>1.10<br>-0.30 | 40.95<br>2.01<br>-0.30 |
| NORTH___COUNTRY_ESR<br>323785 | 33.34<br>-0.30<br>0.00  | 29.45<br>-0.39<br>0.00 | 27.24<br>-0.41<br>0.00  | 26.22<br>-0.48<br>0.00 | 27.71<br>-0.45<br>0.00  | 31.53<br>-0.29<br>0.00 | 36.69<br>-0.11<br>0.00  | 44.10<br>0.13<br>0.00   | 43.36<br>-0.09<br>0.00  | 38.21<br>0.30<br>0.00   | 41.26<br>0.57<br>0.00   | 42.17<br>0.46<br>0.00   | 42.90<br>-0.13<br>0.00  | 47.48<br>-0.48<br>0.00  | 49.53<br>-1.06<br>0.00  | 55.74<br>-1.43<br>0.00  | 74.42<br>-1.83<br>0.00 | 98.67<br>-2.95<br>0.00   | 106.20<br>-3.40<br>0.00  | 88.86<br>-3.03<br>0.00   | 64.11<br>-1.51<br>0.00  | 47.30<br>-1.16<br>0.00 | 43.40<br>-0.57<br>0.00 | 38.02<br>-0.62<br>0.00 |
| NPX_GEN_1385_PROXY<br>323591  | 35.63<br>1.98<br>0.00   | 31.42<br>1.58<br>0.00  | 28.87<br>1.22<br>0.00   | 27.66<br>0.96<br>0.00  | 29.11<br>0.96<br>0.00   | 33.06<br>1.24<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.24<br>1.05<br>-1.21  | 44.99<br>1.39<br>-0.15  | 40.22<br>2.31<br>0.00   | 42.84<br>2.15<br>0.00   | 43.75<br>2.04<br>0.00   | 44.71<br>1.68<br>0.00   | 49.48<br>1.53<br>0.01   | 52.34<br>1.72<br>-0.02  | 59.29<br>2.12<br>0.00   | 79.60<br>3.35<br>0.00  | 109.08<br>5.48<br>-1.98  | 117.91<br>5.04<br>-3.27  | 87.61<br>3.40<br>7.68    | 69.41<br>1.77<br>-2.02  | 50.26<br>0.92<br>-0.88 | 45.24<br>0.97<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| NPX_GEN_CSC<br>323557         | 35.22<br>1.58<br>0.00   | 31.03<br>1.19<br>0.00  | 28.51<br>0.86<br>0.00   | 27.26<br>0.56<br>0.00  | 28.72<br>0.56<br>0.00   | 32.68<br>0.86<br>0.00  | 39.97<br>1.18<br>-2.00  | 45.93<br>0.75<br>-1.21  | 44.52<br>0.91<br>-0.15  | 39.73<br>1.82<br>0.00   | 42.27<br>1.59<br>0.00   | 28.23<br>1.29<br>14.77  | 41.66<br>0.99<br>2.37   | 46.84<br>0.81<br>1.94   | 49.30<br>0.96<br>2.26   | 51.74<br>1.32<br>6.75   | 61.09<br>2.37<br>17.53 | 68.94<br>4.37<br>37.05   | 74.14<br>4.06<br>39.52   | 64.18<br>2.30<br>30.01   | 52.19<br>0.92<br>14.34  | 49.33<br>0.24<br>-0.63 | 44.71<br>0.44<br>-0.30 | 40.37<br>1.43<br>-0.30 |
| NSINS_S_GLNS_FALLS<br>23858   | 34.75<br>1.11<br>0.00   | 30.94<br>1.10<br>0.00  | 28.71<br>1.05<br>0.00   | 27.74<br>1.04<br>0.00  | 29.26<br>1.10<br>0.00   | 33.09<br>1.27<br>0.00  | 51.59<br>1.73<br>-13.06 | 54.00<br>1.98<br>-8.05  | 46.11<br>1.69<br>-0.96  | 38.82<br>0.91<br>0.00   | 41.34<br>0.65<br>0.00   | 42.33<br>0.63<br>0.00   | 43.72<br>0.69<br>0.00   | 48.34<br>0.38<br>0.00   | 51.21<br>0.61<br>0.00   | 58.20<br>1.03<br>0.00   | 78.84<br>2.59<br>0.00  | 119.60<br>4.88<br>-13.10 | 138.23<br>6.14<br>-22.50 | 119.72<br>4.59<br>-23.23 | 82.09<br>2.76<br>-13.72 | 56.00<br>1.74<br>-5.80 | 47.52<br>1.54<br>-2.01 | 41.89<br>1.28<br>-1.98 |
| NUCOR_STEEL___DRP<br>24197    | 34.54<br>0.03<br>-0.87  | 29.87<br>0.03<br>0.00  | 28.13<br>0.06<br>-0.42  | 26.95<br>0.03<br>-0.23 | 28.60<br>0.00<br>-0.45  | 31.82<br>0.00<br>0.00  | 39.38<br>0.15<br>-2.44  | 47.94<br>0.18<br>-3.79  | 46.77<br>0.22<br>-3.10  | 40.46<br>0.11<br>-2.44  | 42.84<br>0.00<br>-2.15  | 44.00<br>0.00<br>-2.30  | 50.64<br>0.17<br>-7.43  | 56.40<br>0.19<br>-8.25  | 59.61<br>0.30<br>-8.71  | 67.47<br>0.46<br>-9.84  | 76.63<br>0.38<br>0.00  | 102.84<br>1.22<br>0.00   | 111.24<br>1.64<br>0.00   | 93.82<br>1.93<br>0.00    | 66.21<br>0.59<br>0.00   | 48.90<br>0.44<br>0.00  | 44.06<br>0.09<br>0.00  | 38.79<br>0.15<br>0.00  |
| NUMBER_THREE_WT_PWR<br>323818 | 33.92<br>-0.07<br>-0.35 | 29.87<br>0.03<br>0.00  | 27.88<br>0.06<br>-0.17  | 26.84<br>0.05<br>-0.09 | 28.36<br>0.03<br>-0.18  | 32.01<br>0.19<br>0.00  | 38.33<br>0.55<br>-0.98  | 46.92<br>0.97<br>-1.99  | 45.09<br>0.39<br>-1.25  | 38.88<br>0.00<br>-0.98  | 41.87<br>0.32<br>-0.86  | 42.93<br>0.42<br>-0.80  | 46.40<br>0.39<br>-2.98  | 51.61<br>0.34<br>-3.31  | 54.35<br>0.25<br>-3.50  | 61.64<br>0.51<br>-3.95  | 77.24<br>0.99<br>0.00  | 103.85<br>2.23<br>0.00   | 113.33<br>3.73<br>0.00   | 95.19<br>3.30<br>0.00    | 67.58<br>1.97<br>0.00   | 49.91<br>1.45<br>0.00  | 44.54<br>0.57<br>0.00  | 38.99<br>0.35<br>0.00  |
| NYISO_LBMP_REFERENCE<br>24008 | 33.64<br>0.00<br>0.00   | 29.84<br>0.00<br>0.00  | 27.66<br>0.00<br>0.00   | 26.70<br>0.00<br>0.00  | 28.16<br>0.00<br>0.00   | 31.82<br>0.00<br>0.00  | 36.80<br>0.00<br>0.00   | 43.97<br>0.00<br>0.00   | 43.45<br>0.00<br>0.00   | 37.91<br>0.00<br>0.00   | 40.69<br>0.00<br>0.00   | 41.71<br>0.00<br>0.00   | 43.03<br>0.00<br>0.00   | 47.96<br>0.00<br>0.00   | 50.60<br>0.00<br>0.00   | 57.17<br>0.00<br>0.00   | 76.25<br>0.00<br>0.00  | 101.62<br>0.00<br>0.00   | 109.60<br>0.00<br>0.00   | 91.89<br>0.00<br>0.00    | 65.62<br>0.00<br>0.00   | 48.46<br>0.00<br>0.00  | 43.97<br>0.00<br>0.00  | 38.64<br>0.00<br>0.00  |
| NYPA_BRENTWD____GT<br>24164   | 35.96<br>2.32<br>0.00   | 31.72<br>1.88<br>0.00  | 29.12<br>1.46<br>0.00   | 27.92<br>1.23<br>0.00  | 29.37<br>1.21<br>0.00   | 33.38<br>1.56<br>0.00  | 40.85<br>2.06<br>-2.00  | 46.86<br>1.67<br>-1.21  | 45.51<br>1.91<br>-0.15  | 40.60<br>2.69<br>0.00   | 43.33<br>2.64<br>0.00   | 42.77<br>2.54<br>1.48   | 45.12<br>2.32<br>0.24   | 50.05<br>2.30<br>0.21   | 53.01<br>2.63<br>0.22   | 59.47<br>2.97<br>0.68   | 78.46<br>3.96<br>1.76  | 106.09<br>6.41<br>1.93   | 114.48<br>6.02<br>1.15   | 86.58<br>4.14<br>9.45    | 68.64<br>2.69<br>-0.33  | 51.11<br>1.79<br>-0.85 | 45.90<br>1.63<br>-0.30 | 41.42<br>2.48<br>-0.30 |



|                                |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                        |                        |                         |                        |                         |                         |                         |                        |                        |                        |                        |
|--------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| NYPA_GOWANUS____GT5<br>24156   | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00   | 81.59<br>5.34<br>0.00  | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NYPA_GOWANUS____GT6<br>24157   | 36.10<br>2.45<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.26<br>3.23<br>0.00   | 50.93<br>2.97<br>0.00  | 53.56<br>2.93<br>-0.02 | 60.43<br>3.26<br>0.00   | 81.59<br>5.34<br>0.00  | 112.03<br>8.43<br>-1.99 | 121.45<br>8.44<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.78<br>2.51<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NYPA_HARLEM__RVR__GT1<br>24160 | 36.24<br>2.59<br>-0.01  | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01  | 28.44<br>1.73<br>-0.01 | 29.91<br>1.75<br>-0.01  | 33.84<br>2.01<br>-0.01 | 41.38<br>2.57<br>-2.00  | 47.88<br>2.68<br>-1.23  | 46.53<br>2.91<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.53<br>2.85<br>0.00   | 44.71<br>3.00<br>0.00   | 46.13<br>3.10<br>0.00   | 50.64<br>2.68<br>0.00  | 53.35<br>2.73<br>-0.02 | 60.13<br>2.97<br>0.01   | 81.44<br>5.19<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.20<br>5.79<br>-3.52 | 70.85<br>3.15<br>-2.08 | 51.29<br>1.94<br>-0.89 | 46.92<br>2.64<br>-0.31 | 41.50<br>2.55<br>-0.31 |
| NYPA_HARLEM__RVR__GT2<br>24161 | 36.24<br>2.59<br>-0.01  | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01  | 28.44<br>1.73<br>-0.01 | 29.91<br>1.75<br>-0.01  | 33.84<br>2.01<br>-0.01 | 41.38<br>2.57<br>-2.00  | 47.88<br>2.68<br>-1.23  | 46.53<br>2.91<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.53<br>2.85<br>0.00   | 44.71<br>3.00<br>0.00   | 46.13<br>3.10<br>0.00   | 50.64<br>2.68<br>0.00  | 53.35<br>2.73<br>-0.02 | 60.13<br>2.97<br>0.01   | 81.44<br>5.19<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.20<br>5.79<br>-3.52 | 70.85<br>3.15<br>-2.08 | 51.29<br>1.94<br>-0.89 | 46.92<br>2.64<br>-0.31 | 41.50<br>2.55<br>-0.31 |
| NYPA_KENT____GT<br>24152       | 36.14<br>2.49<br>-0.01  | 32.00<br>2.15<br>-0.01 | 29.44<br>1.77<br>-0.01  | 28.36<br>1.66<br>-0.01 | 29.83<br>1.66<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.53<br>2.91<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.70<br>3.01<br>0.00   | 44.84<br>3.13<br>0.00   | 46.22<br>3.18<br>0.00   | 50.89<br>2.93<br>0.00  | 53.56<br>2.93<br>-0.02 | 60.37<br>3.20<br>0.00   | 81.59<br>5.34<br>0.00  | 112.03<br>8.43<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 71.04<br>3.34<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.74<br>2.46<br>-0.31 | 41.34<br>2.40<br>-0.30 |
| NYPA_POUCH1____GT<br>24155     | 36.04<br>2.39<br>-0.01  | 31.88<br>2.03<br>-0.01 | 29.35<br>1.69<br>-0.01  | 28.28<br>1.57<br>-0.01 | 29.74<br>1.58<br>-0.01  | 33.71<br>1.88<br>-0.01 | 41.00<br>2.21<br>-2.00  | 47.57<br>2.37<br>-1.23  | 46.31<br>2.69<br>-0.17  | 40.60<br>2.69<br>0.00   | 43.49<br>2.81<br>0.00   | 44.62<br>2.92<br>0.00   | 46.04<br>3.01<br>0.00   | 50.69<br>2.73<br>0.00  | 53.35<br>2.73<br>-0.02 | 60.20<br>3.03<br>0.00   | 81.36<br>5.11<br>0.00  | 111.74<br>8.13<br>-1.99 | 121.01<br>8.00<br>-3.41 | 101.11<br>5.70<br>-3.52 | 70.78<br>3.08<br>-2.08 | 51.14<br>1.79<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.22<br>2.28<br>-0.30 |
| NYPA_VERNON____GT2<br>24162    | 36.14<br>2.49<br>-0.01  | 32.00<br>2.15<br>-0.01 | 29.44<br>1.77<br>-0.01  | 28.36<br>1.66<br>-0.01 | 29.83<br>1.66<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.18<br>2.39<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.53<br>2.91<br>-0.17  | 40.82<br>2.92<br>0.00   | 43.70<br>3.01<br>0.00   | 44.79<br>3.09<br>0.00   | 46.17<br>3.14<br>0.00   | 50.84<br>2.88<br>0.00  | 53.51<br>2.88<br>-0.02 | 60.37<br>3.20<br>0.00   | 81.59<br>5.34<br>0.00  | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.98<br>3.28<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.65<br>2.37<br>-0.31 | 41.30<br>2.36<br>-0.30 |
| NYPA_VERNON____GT3<br>24163    | 36.14<br>2.49<br>-0.01  | 32.00<br>2.15<br>-0.01 | 29.44<br>1.77<br>-0.01  | 28.36<br>1.66<br>-0.01 | 29.83<br>1.66<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.18<br>2.39<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.53<br>2.91<br>-0.17  | 40.82<br>2.92<br>0.00   | 43.70<br>3.01<br>0.00   | 44.79<br>3.09<br>0.00   | 46.17<br>3.14<br>0.00   | 50.84<br>2.88<br>0.00  | 53.51<br>2.88<br>-0.02 | 60.37<br>3.20<br>0.00   | 81.59<br>5.34<br>0.00  | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.98<br>3.28<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.65<br>2.37<br>-0.31 | 41.30<br>2.36<br>-0.30 |
| NYPA__ASTORIA_CC1<br>323568    | 36.14<br>2.49<br>-0.01  | 32.02<br>2.18<br>-0.01 | 29.46<br>1.80<br>-0.01  | 28.36<br>1.66<br>-0.01 | 29.83<br>1.66<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.62<br>2.93<br>0.00   | 44.75<br>3.04<br>0.00   | 46.13<br>3.10<br>0.00   | 50.74<br>2.78<br>0.00  | 53.41<br>2.78<br>-0.02 | 60.26<br>3.09<br>0.00   | 81.44<br>5.19<br>0.00  | 111.74<br>8.13<br>-1.99 | 121.12<br>8.11<br>-3.41 | 101.20<br>5.79<br>-3.52 | 70.85<br>3.15<br>-2.08 | 51.23<br>1.89<br>-0.89 | 46.65<br>2.37<br>-0.31 | 41.30<br>2.36<br>-0.30 |
| NYPA__ASTORIA_CC2<br>323569    | 36.14<br>2.49<br>-0.01  | 32.02<br>2.18<br>-0.01 | 29.46<br>1.80<br>-0.01  | 28.36<br>1.66<br>-0.01 | 29.83<br>1.66<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.49<br>2.87<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.62<br>2.93<br>0.00   | 44.75<br>3.04<br>0.00   | 46.13<br>3.10<br>0.00   | 50.74<br>2.78<br>0.00  | 53.41<br>2.78<br>-0.02 | 60.26<br>3.09<br>0.00   | 81.44<br>5.19<br>0.00  | 111.74<br>8.13<br>-1.99 | 121.12<br>8.11<br>-3.41 | 101.20<br>5.79<br>-3.52 | 70.85<br>3.15<br>-2.08 | 51.23<br>1.89<br>-0.89 | 46.65<br>2.37<br>-0.31 | 41.30<br>2.36<br>-0.30 |
| NYPA__HOLTSVILL<br>23794       | 35.46<br>1.82<br>0.00   | 31.27<br>1.43<br>0.00  | 28.71<br>1.05<br>0.00   | 27.50<br>0.80<br>0.00  | 28.94<br>0.79<br>0.00   | 32.90<br>1.08<br>0.00  | 40.27<br>1.47<br>-2.00  | 46.20<br>1.01<br>-1.21  | 44.86<br>1.26<br>-0.15  | 40.03<br>2.12<br>0.00   | 42.60<br>1.91<br>0.00   | 28.54<br>1.62<br>14.79  | 42.00<br>1.34<br>2.37   | 47.22<br>1.20<br>1.94  | 49.65<br>1.31<br>2.26  | 52.07<br>1.66<br>6.76   | 61.53<br>2.82<br>17.55 | 69.30<br>4.78<br>37.09  | 74.44<br>4.39<br>39.55  | 64.59<br>2.75<br>30.05  | 52.57<br>1.31<br>14.36 | 49.67<br>0.58<br>-0.63 | 45.02<br>0.75<br>-0.30 | 40.72<br>1.78<br>-0.30 |
| NYPA____HELLGATE_GT1<br>24158  | 36.24<br>2.59<br>-0.01  | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01  | 28.44<br>1.73<br>-0.01 | 29.91<br>1.75<br>-0.01  | 33.84<br>2.01<br>-0.01 | 41.38<br>2.57<br>-2.00  | 47.88<br>2.68<br>-1.23  | 46.53<br>2.91<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.53<br>2.85<br>0.00   | 44.71<br>3.00<br>0.00   | 46.13<br>3.10<br>0.00   | 50.64<br>2.68<br>0.00  | 53.35<br>2.73<br>-0.02 | 60.13<br>2.97<br>0.01   | 81.44<br>5.19<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.20<br>5.79<br>-3.52 | 70.85<br>3.15<br>-2.08 | 51.29<br>1.94<br>-0.89 | 46.92<br>2.64<br>-0.31 | 41.50<br>2.55<br>-0.31 |
| NYPA____HELLGATE_GT2<br>24159  | 36.24<br>2.59<br>-0.01  | 32.08<br>2.24<br>-0.01 | 29.52<br>1.85<br>-0.01  | 28.44<br>1.73<br>-0.01 | 29.91<br>1.75<br>-0.01  | 33.84<br>2.01<br>-0.01 | 41.38<br>2.57<br>-2.00  | 47.88<br>2.68<br>-1.23  | 46.53<br>2.91<br>-0.17  | 40.79<br>2.88<br>0.00   | 43.53<br>2.85<br>0.00   | 44.71<br>3.00<br>0.00   | 46.13<br>3.10<br>0.00   | 50.64<br>2.68<br>0.00  | 53.35<br>2.73<br>-0.02 | 60.13<br>2.97<br>0.01   | 81.44<br>5.19<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.20<br>5.79<br>-3.52 | 70.85<br>3.15<br>-2.08 | 51.29<br>1.94<br>-0.89 | 46.92<br>2.64<br>-0.31 | 41.50<br>2.55<br>-0.31 |
| NYS_BARGE__HYD<br>23848        | 32.42<br>-1.24<br>-0.03 | 28.26<br>-1.10<br>0.47 | 26.54<br>-1.14<br>-0.02 | 25.76<br>-0.86<br>0.08 | 27.13<br>-1.04<br>-0.02 | 29.40<br>-1.37<br>1.06 | 35.01<br>-2.32<br>-0.53 | 42.46<br>-3.65<br>-2.14 | 40.85<br>-2.65<br>-0.05 | 35.33<br>-2.62<br>-0.04 | 38.47<br>-2.24<br>-0.02 | 39.98<br>-1.79<br>-0.06 | 42.37<br>-0.77<br>-0.11 | 45.72<br>-1.63<br>0.61 | 48.74<br>-1.42<br>0.45 | 54.29<br>-3.49<br>-0.61 | 70.00<br>-6.25<br>0.00 | 94.41<br>-7.21<br>0.00  | 103.46<br>-6.14<br>0.00 | 88.12<br>-3.77<br>0.00  | 61.15<br>-4.46<br>0.00 | 46.18<br>-2.28<br>0.00 | 42.04<br>-1.93<br>0.00 | 37.75<br>-0.89<br>0.00 |
| OAK ORCHARD__HYD<br>24046      | 33.15<br>-0.47<br>0.02  | 28.87<br>-0.45<br>0.52 | 27.24<br>-0.41<br>0.00  | 26.22<br>-0.37<br>0.10 | 27.79<br>-0.37<br>0.00  | 30.18<br>-0.48<br>1.17 | 36.60<br>-0.66<br>-0.46 | 44.80<br>-1.28<br>-2.11 | 42.62<br>-0.74<br>0.10  | 37.07<br>-0.76<br>0.07  | 40.20<br>-0.41<br>0.08  | 41.58<br>-0.08<br>0.04  | 43.47<br>0.69<br>0.25   | 46.98<br>0.10<br>1.08  | 50.08<br>0.40<br>0.92  | 56.79<br>-0.57<br>-0.19 | 74.50<br>-1.75<br>0.00 | 100.50<br>-1.12<br>0.00 | 108.94<br>-0.65<br>0.00 | 92.54<br>0.65<br>0.00   | 64.70<br>-0.92<br>0.00 | 48.32<br>-0.14<br>0.00 | 43.57<br>-0.40<br>0.00 | 38.45<br>-0.19<br>0.00 |



|                                |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                          |                          |                          |                           |                        |                         |                         |                        |                        |                        |                        |                        |
|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OAKDALE___35_KV_LOAD<br>356122 | 34.18<br>0.17<br>-0.37  | 29.82<br>0.12<br>0.13   | 27.95<br>0.11<br>-0.18  | 26.90<br>0.13<br>-0.07  | 28.43<br>0.08<br>-0.19  | 31.59<br>0.06<br>0.30   | 38.07<br>0.11<br>-1.17  | 45.82<br>0.04<br>-1.80   | 45.28<br>0.09<br>-1.74   | 39.31<br>0.04<br>-1.37   | 41.89<br>0.00<br>-1.20   | 42.99<br>0.00<br>-1.29   | 47.41<br>0.22<br>-4.16   | 52.72<br>0.14<br>-4.62   | 55.58<br>0.10<br>-4.88   | 62.80<br>0.11<br>-5.51    | 76.33<br>0.08<br>0.00  | 102.53<br>0.91<br>0.00  | 110.91<br>1.32<br>0.00  | 93.17<br>1.29<br>0.00  | 65.68<br>0.07<br>0.00  | 48.61<br>0.15<br>0.00  | 43.97<br>0.00<br>0.00  | 38.75<br>0.12<br>0.00  |
| OCC_CHEM___DRP<br>24175        | 32.63<br>-1.04<br>-0.03 | 28.47<br>-0.90<br>0.47  | 26.70<br>-0.97<br>-0.02 | 25.95<br>-0.67<br>0.08  | 27.30<br>-0.87<br>-0.02 | 29.41<br>-1.37<br>1.04  | 34.57<br>-2.76<br>-0.53 | 40.07<br>-4.22<br>-0.32  | 39.64<br>-3.87<br>-0.06  | 36.02<br>-3.15<br>-1.26  | 38.34<br>-3.46<br>-1.11  | 39.59<br>-3.29<br>-1.18  | 44.06<br>-2.80<br>-3.83  | 49.62<br>-2.59<br>-4.25  | 52.05<br>-3.04<br>-4.49  | 53.57<br>-4.23<br>-0.63   | 69.16<br>-7.09<br>0.00 | 92.27<br>-9.35<br>0.00  | 101.27<br>-8.33<br>0.00 | 86.38<br>-5.51<br>0.00 | 59.97<br>-5.64<br>0.00 | 45.41<br>-3.05<br>0.00 | 40.98<br>-2.99<br>0.00 | 36.82<br>-1.82<br>0.00 |
| OH_GEN_PROXY<br>24063          | 32.52<br>-1.14<br>-0.02 | 28.35<br>-1.01<br>0.47  | 26.59<br>-1.08<br>-0.01 | 25.82<br>-0.80<br>0.08  | 27.19<br>-0.99<br>-0.01 | 29.43<br>-1.34<br>1.06  | 35.03<br>-2.28<br>-0.52 | 42.52<br>-3.56<br>-2.11  | 40.88<br>-2.61<br>-0.04  | 35.40<br>-2.54<br>-0.03  | 38.50<br>-2.20<br>-0.01  | 40.01<br>-1.75<br>-0.06  | 42.29<br>-0.82<br>-0.08  | 45.64<br>-1.68<br>0.64   | 48.60<br>-1.52<br>0.48   | 54.19<br>-3.54<br>-0.56   | 70.00<br>-6.25<br>0.00 | 94.20<br>-7.41<br>0.00  | 103.03<br>-6.57<br>0.00 | 87.66<br>-4.23<br>0.00 | 60.96<br>-4.66<br>0.00 | 46.04<br>-2.42<br>0.00 | 41.86<br>-2.11<br>0.00 | 37.29<br>-1.35<br>0.00 |
| OLIN_CORP_DRP<br>24177         | 32.16<br>-1.51<br>-0.03 | 28.06<br>-1.31<br>0.46  | 26.32<br>-1.36<br>-0.02 | 25.55<br>-1.07<br>0.08  | 26.91<br>-1.27<br>-0.02 | 29.13<br>-1.65<br>1.04  | 34.69<br>-2.65<br>-0.54 | 40.18<br>-4.13<br>-0.34  | 39.75<br>-3.78<br>-0.08  | 36.13<br>-3.03<br>-1.26  | 38.46<br>-3.34<br>-1.11  | 39.68<br>-3.21<br>-1.19  | 44.21<br>-2.67<br>-3.85  | 49.78<br>-2.45<br>-4.27  | 52.22<br>-2.88<br>-4.51  | 53.85<br>-4.00<br>-0.68   | 69.54<br>-6.71<br>0.00 | 92.78<br>-8.84<br>0.00  | 101.93<br>-7.67<br>0.00 | 86.83<br>-5.05<br>0.00 | 60.30<br>-5.31<br>0.00 | 45.60<br>-2.86<br>0.00 | 41.16<br>-2.81<br>0.00 | 37.40<br>-1.24<br>0.00 |
| OLIN_CORP_DSASP<br>323712      | 32.62<br>-1.04<br>-0.03 | 28.47<br>-0.89<br>0.47  | 26.70<br>-0.97<br>-0.02 | 25.95<br>-0.67<br>0.08  | 27.30<br>-0.87<br>-0.02 | 29.41<br>-1.37<br>1.04  | 34.53<br>-2.80<br>-0.53 | 41.88<br>-4.22<br>-2.13  | 40.34<br>-3.17<br>-0.06  | 34.85<br>-3.11<br>-0.05  | 37.95<br>-2.77<br>-0.03  | 39.48<br>-2.29<br>-0.07  | 41.80<br>-1.33<br>-0.10  | 45.09<br>-2.25<br>0.62   | 48.02<br>-2.12<br>0.45   | 53.45<br>-4.35<br>-0.63   | 68.78<br>-7.47<br>0.00 | 92.57<br>-9.04<br>0.00  | 101.26<br>-8.33<br>0.00 | 86.38<br>-5.51<br>0.00 | 59.97<br>-5.64<br>0.00 | 45.36<br>-3.10<br>0.00 | 41.29<br>-2.68<br>0.00 | 36.82<br>-1.82<br>0.00 |
| ONEIDA_HERK_LFGE<br>323681     | 34.13<br>0.27<br>-0.23  | 30.14<br>0.30<br>0.00   | 28.07<br>0.30<br>-0.11  | 27.05<br>0.29<br>-0.06  | 28.58<br>0.31<br>-0.12  | 32.23<br>0.41<br>0.00   | 38.17<br>0.74<br>-0.63  | 46.35<br>1.10<br>-1.28   | 45.04<br>0.78<br>-0.80   | 38.95<br>0.42<br>-0.63   | 41.81<br>0.57<br>-0.56   | 42.83<br>0.58<br>-0.54   | 45.55<br>0.60<br>-1.92   | 50.67<br>0.58<br>-2.13   | 53.41<br>0.56<br>-2.25   | 60.57<br>0.86<br>-2.54    | 77.62<br>1.37<br>0.00  | 104.36<br>2.74<br>0.00  | 113.33<br>3.73<br>0.00  | 95.19<br>3.30<br>0.00  | 67.52<br>1.90<br>0.00  | 49.81<br>1.35<br>0.00  | 44.76<br>0.79<br>0.00  | 39.25<br>0.62<br>0.00  |
| ONEIDA___115KV_TB4<br>55905    | 34.42<br>0.50<br>-0.27  | 30.26<br>0.54<br>0.11   | 28.31<br>0.53<br>-0.13  | 27.26<br>0.51<br>-0.05  | 28.81<br>0.51<br>-0.14  | 32.21<br>0.64<br>0.25   | 38.67<br>0.99<br>-0.88  | 46.41<br>1.36<br>-1.08   | 45.39<br>1.13<br>-0.80   | 39.66<br>0.76<br>-0.99   | 42.30<br>0.73<br>-0.88   | 43.39<br>0.75<br>-0.94   | 46.88<br>0.82<br>-3.03   | 52.14<br>0.82<br>-3.36   | 55.01<br>0.86<br>-3.55   | 61.11<br>1.26<br>-2.68    | 78.08<br>1.83<br>0.00  | 105.28<br>3.66<br>0.00  | 113.87<br>4.27<br>0.00  | 95.75<br>3.86<br>0.00  | 67.78<br>2.17<br>0.00  | 49.96<br>1.50<br>0.00  | 44.98<br>1.01<br>0.00  | 39.49<br>0.85<br>0.00  |
| ONONDAGA_REF_OCCRA<br>23987    | 34.14<br>-0.10<br>-0.60 | 29.59<br>-0.09<br>0.16  | 27.86<br>-0.08<br>-0.29 | 26.75<br>-0.08<br>-0.13 | 28.36<br>-0.11<br>-0.31 | 31.37<br>-0.10<br>0.36  | 38.68<br>0.04<br>-1.85  | 46.58<br>0.13<br>-2.48   | 45.49<br>0.13<br>-1.91   | 39.95<br>0.04<br>-2.00   | 42.41<br>-0.04<br>-1.77  | 43.55<br>-0.04<br>-1.89  | 49.18<br>0.04<br>-6.10   | 54.74<br>0.00<br>-6.78   | 57.86<br>0.10<br>-7.16   | 63.63<br>0.23<br>-6.23    | 76.33<br>0.08<br>0.00  | 102.33<br>0.71<br>0.00  | 110.58<br>0.99<br>0.00  | 93.08<br>1.19<br>0.00  | 65.88<br>0.26<br>0.00  | 48.61<br>0.15<br>0.00  | 43.84<br>-0.13<br>0.00 | 38.60<br>-0.04<br>0.00 |
| ONONDAGA___COGEN<br>23986      | 34.44<br>-0.13<br>-0.93 | 29.72<br>-0.12<br>0.00  | 28.02<br>-0.08<br>-0.45 | 26.84<br>-0.11<br>-0.25 | 28.52<br>-0.11<br>-0.48 | 31.69<br>-0.13<br>0.00  | 39.41<br>0.00<br>-2.61  | 48.11<br>0.04<br>-4.09   | 46.82<br>0.09<br>-3.28   | 40.48<br>0.00<br>-2.58   | 42.88<br>-0.08<br>-2.27  | 44.05<br>-0.08<br>-2.43  | 50.93<br>0.04<br>-7.86   | 56.63<br>-0.05<br>-8.72  | 59.86<br>0.05<br>-9.21   | 67.75<br>0.17<br>-10.41   | 76.25<br>0.00<br>0.00  | 102.13<br>0.51<br>0.00  | 110.37<br>0.77<br>0.00  | 92.99<br>1.10<br>0.00  | 65.81<br>0.20<br>0.00  | 48.56<br>0.10<br>0.00  | 43.84<br>-0.13<br>0.00 | 38.56<br>-0.08<br>0.00 |
| ONTARIO___LFGE<br>23819        | 33.93<br>-0.03<br>-0.32 | 29.47<br>-0.06<br>0.31  | 27.79<br>-0.03<br>-0.16 | 26.70<br>-0.03<br>-0.03 | 28.30<br>-0.03<br>-0.17 | 31.09<br>-0.03<br>0.70  | 38.12<br>0.11<br>-1.22  | 46.94<br>-0.18<br>-3.14  | 44.73<br>0.13<br>-1.15   | 38.84<br>0.04<br>-0.90   | 41.51<br>0.04<br>-0.78   | 42.66<br>0.08<br>-0.87   | 46.45<br>0.69<br>-2.73   | 50.76<br>0.24<br>-2.56   | 53.94<br>0.51<br>-2.83   | 61.27<br>0.17<br>-3.92    | 76.17<br>-0.08<br>0.00 | 102.13<br>0.51<br>0.00  | 110.81<br>1.21<br>0.00  | 94.09<br>2.20<br>0.00  | 66.14<br>0.52<br>0.00  | 48.94<br>0.48<br>0.00  | 44.01<br>0.04<br>0.00  | 38.68<br>0.04<br>0.00  |
| ORANGEVILLE_WT_PWR<br>323706   | 32.76<br>-1.01<br>-0.13 | 28.50<br>-0.96<br>0.38  | 26.75<br>-0.97<br>-0.07 | 25.91<br>-0.75<br>0.04  | 27.32<br>-0.90<br>-0.07 | 29.85<br>-1.11<br>0.86  | 35.80<br>-1.73<br>-0.73 | 43.61<br>-2.68<br>-2.32  | 41.77<br>-2.08<br>-0.40  | 36.07<br>-2.16<br>-0.32  | 39.08<br>-1.87<br>-0.27  | 40.49<br>-1.54<br>-0.33  | 43.39<br>-0.60<br>-0.96  | 47.13<br>-1.29<br>-0.47  | 50.14<br>-1.11<br>-0.65  | 56.19<br>-2.63<br>-1.65   | 71.68<br>-4.57<br>0.00 | 97.05<br>-4.57<br>0.00  | 106.53<br>-3.07<br>0.00 | 90.33<br>-1.56<br>0.00 | 62.66<br>-2.95<br>0.00 | 46.91<br>-1.55<br>0.00 | 42.39<br>-1.58<br>0.00 | 37.56<br>-1.08<br>0.00 |
| ORANGEVILLE___ESR<br>323794    | 32.76<br>-1.01<br>-0.13 | 28.50<br>-0.96<br>0.38  | 26.75<br>-0.97<br>-0.07 | 25.91<br>-0.75<br>0.04  | 27.32<br>-0.90<br>-0.07 | 29.85<br>-1.11<br>0.86  | 35.80<br>-1.73<br>-0.73 | 43.61<br>-2.68<br>-2.32  | 41.77<br>-2.08<br>-0.40  | 36.07<br>-2.16<br>-0.32  | 39.08<br>-1.87<br>-0.27  | 40.49<br>-1.54<br>-0.33  | 43.39<br>-0.60<br>-0.96  | 47.13<br>-1.29<br>-0.47  | 50.14<br>-1.11<br>-0.65  | 56.19<br>-2.63<br>-1.65   | 71.68<br>-4.57<br>0.00 | 97.05<br>-4.57<br>0.00  | 106.53<br>-3.07<br>0.00 | 90.33<br>-1.56<br>0.00 | 62.66<br>-2.95<br>0.00 | 46.91<br>-1.55<br>0.00 | 42.39<br>-1.58<br>0.00 | 37.56<br>-1.08<br>0.00 |
| OSWEGATCHIE___HYD<br>24044     | 33.99<br>0.07<br>-0.28  | 29.96<br>0.12<br>0.00   | 27.90<br>0.11<br>-0.14  | 26.85<br>0.08<br>-0.08  | 28.42<br>0.11<br>-0.15  | 32.08<br>0.25<br>0.00   | 38.26<br>0.66<br>-0.80  | 46.70<br>1.05<br>-1.67   | 44.98<br>0.48<br>-1.05   | 38.96<br>0.23<br>-0.82   | 41.82<br>0.41<br>-0.73   | 42.88<br>0.50<br>-0.67   | 45.88<br>0.34<br>-2.51   | 51.18<br>0.43<br>-2.78   | 53.74<br>0.20<br>-2.94   | 60.67<br>0.17<br>-3.32    | 76.56<br>0.31<br>0.00  | 102.23<br>0.61<br>0.00  | 111.02<br>1.42<br>0.00  | 93.35<br>1.47<br>0.00  | 66.93<br>1.31<br>0.00  | 49.62<br>1.16<br>0.00  | 44.67<br>0.70<br>0.00  | 39.02<br>0.39<br>0.00  |
| OSWEGO___5<br>23606            | 36.79<br>-0.67<br>-3.82 | 30.72<br>-0.60<br>-1.48 | 28.93<br>-0.55<br>-1.83 | 27.45<br>-0.53<br>-1.29 | 29.55<br>-0.56<br>-1.95 | 34.49<br>-0.64<br>-3.30 | 45.45<br>-0.66<br>-9.31 | 59.80<br>-0.79<br>-16.62 | 58.25<br>-0.70<br>-15.49 | 49.39<br>-0.68<br>-12.16 | 50.78<br>-0.69<br>-10.79 | 52.43<br>-0.71<br>-11.43 | 79.61<br>-0.56<br>-37.14 | 91.19<br>-0.86<br>-44.09 | 95.57<br>-0.81<br>-45.78 | 103.57<br>-0.97<br>-47.37 | 74.73<br>-1.52<br>0.00 | 100.10<br>-1.52<br>0.00 | 107.96<br>-1.64<br>0.00 | 90.88<br>-1.01<br>0.00 | 64.50<br>-1.12<br>0.00 | 47.64<br>-0.82<br>0.00 | 43.09<br>-0.88<br>0.00 | 37.90<br>-0.74<br>0.00 |
| OSWEGO___6<br>23613            | 36.79<br>-0.67<br>-3.82 | 30.72<br>-0.60<br>-1.48 | 28.93<br>-0.55<br>-1.83 | 27.45<br>-0.53<br>-1.29 | 29.55<br>-0.56<br>-1.95 | 34.49<br>-0.64<br>-3.30 | 45.45<br>-0.66<br>-9.31 | 59.80<br>-0.79<br>-16.62 | 58.25<br>-0.70<br>-15.49 | 49.39<br>-0.68<br>-12.16 | 50.78<br>-0.69<br>-10.79 | 52.43<br>-0.71<br>-11.43 | 79.61<br>-0.56<br>-37.14 | 91.19<br>-0.86<br>-44.09 | 95.57<br>-0.81<br>-45.78 | 103.57<br>-0.97<br>-47.37 | 74.73<br>-1.52<br>0.00 | 100.10<br>-1.52<br>0.00 | 107.96<br>-1.64<br>0.00 | 90.88<br>-1.01<br>0.00 | 64.50<br>-1.12<br>0.00 | 47.64<br>-0.82<br>0.00 | 43.09<br>-0.88<br>0.00 | 37.90<br>-0.74<br>0.00 |



|                                               |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                          |                          |                        |                        |                        |                        |
|-----------------------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|
| OUTOKUMPU-AB___DRP<br>24206                   | 32.87<br>-0.81<br>-0.04 | 28.63<br>-0.75<br>0.46 | 26.87<br>-0.80<br>-0.02 | 26.09<br>-0.53<br>0.07 | 27.45<br>-0.73<br>-0.02 | 29.77<br>-1.02<br>1.03 | 35.29<br>-2.06<br>-0.55 | 41.03<br>-3.30<br>-0.35 | 40.59<br>-2.95<br>-0.09 | 36.74<br>-2.43<br>-1.26 | 39.16<br>-2.64<br>-1.11 | 40.44<br>-2.46<br>-1.19 | 45.03<br>-1.85<br>-3.85 | 50.70<br>-1.53<br>-4.28 | 53.29<br>-1.82<br>-4.52 | 54.86<br>-3.03<br>-0.72 | 70.76<br>-5.49<br>0.00 | 94.61<br>-7.01<br>0.00  | 104.12<br>-5.48<br>0.00  | 88.58<br>-3.31<br>0.00   | 61.42<br>-4.20<br>0.00 | 46.52<br>-1.94<br>0.00 | 41.90<br>-2.07<br>0.00 | 37.71<br>-0.93<br>0.00 |
| OXBOW___BTM<br>323836                         | 32.80<br>-0.87<br>-0.03 | 28.60<br>-0.78<br>0.46 | 26.82<br>-0.86<br>-0.02 | 26.03<br>-0.59<br>0.08 | 27.42<br>-0.76<br>-0.02 | 29.64<br>-1.14<br>1.04 | 34.95<br>-2.39<br>-0.54 | 42.41<br>-3.69<br>-2.14 | 40.83<br>-2.69<br>-0.07 | 35.31<br>-2.65<br>-0.06 | 38.45<br>-2.28<br>-0.04 | 39.99<br>-1.79<br>-0.08 | 42.41<br>-0.77<br>-0.15 | 45.77<br>-1.63<br>0.56  | 48.79<br>-1.42<br>0.40  | 54.18<br>-3.66<br>-0.67 | 69.77<br>-6.48<br>0.00 | 94.00<br>-7.62<br>0.00  | 102.91<br>-6.69<br>0.00  | 87.66<br>-4.23<br>0.00   | 60.83<br>-4.79<br>0.00 | 46.04<br>-2.42<br>0.00 | 41.86<br>-2.11<br>0.00 | 37.32<br>-1.31<br>0.00 |
| OXBOW___<br>24026                             | 32.80<br>-0.87<br>-0.03 | 28.60<br>-0.78<br>0.46 | 26.82<br>-0.86<br>-0.02 | 26.03<br>-0.59<br>0.08 | 27.42<br>-0.76<br>-0.02 | 29.64<br>-1.15<br>1.04 | 34.98<br>-2.35<br>-0.54 | 40.62<br>-3.69<br>-0.34 | 40.18<br>-3.35<br>-0.07 | 36.44<br>-2.73<br>-1.26 | 38.79<br>-3.01<br>-1.11 | 40.06<br>-2.84<br>-1.19 | 44.59<br>-2.28<br>-3.84 | 50.26<br>-1.97<br>-4.26 | 52.77<br>-2.33<br>-4.50 | 54.30<br>-3.54<br>-0.67 | 70.15<br>-6.10<br>0.00 | 93.59<br>-8.03<br>0.00  | 102.91<br>-6.69<br>0.00  | 87.66<br>-4.23<br>0.00   | 60.83<br>-4.79<br>0.00 | 46.04<br>-2.42<br>0.00 | 41.51<br>-2.46<br>0.00 | 37.32<br>-1.31<br>0.00 |
| OXY_CHEM_DSASP<br>323612                      | 32.63<br>-1.04<br>-0.03 | 28.47<br>-0.90<br>0.47 | 26.70<br>-0.97<br>-0.02 | 25.95<br>-0.67<br>0.08 | 27.30<br>-0.87<br>-0.02 | 29.41<br>-1.37<br>1.04 | 34.57<br>-2.76<br>-0.53 | 40.07<br>-4.22<br>-0.32 | 39.64<br>-3.87<br>-0.06 | 36.02<br>-3.15<br>-1.26 | 38.34<br>-3.46<br>-1.11 | 39.59<br>-3.29<br>-1.18 | 44.06<br>-2.80<br>-3.83 | 49.62<br>-2.59<br>-4.25 | 52.05<br>-3.04<br>-4.49 | 53.57<br>-4.23<br>-0.63 | 69.16<br>-7.09<br>0.00 | 92.27<br>-9.35<br>0.00  | 101.27<br>-8.33<br>0.00  | 86.38<br>-5.51<br>0.00   | 59.97<br>-5.64<br>0.00 | 45.41<br>-3.05<br>0.00 | 40.98<br>-2.99<br>0.00 | 36.82<br>-1.82<br>0.00 |
| OZONE_PARK_ESR<br>323760                      | 36.23<br>2.59<br>0.00   | 32.08<br>2.24<br>0.00  | 29.51<br>1.85<br>0.00   | 28.43<br>1.74<br>0.00  | 29.85<br>1.69<br>0.00   | 33.83<br>2.00<br>0.00  | 41.30<br>2.50<br>-2.00  | 48.10<br>2.90<br>-1.23  | 47.03<br>3.43<br>-0.15  | 41.01<br>3.11<br>0.00   | 44.19<br>3.50<br>0.00   | 45.21<br>3.50<br>0.00   | 46.73<br>3.70<br>0.00   | 51.22<br>3.26<br>0.00   | 54.04<br>3.44<br>0.00   | 60.94<br>3.77<br>0.00   | 82.35<br>6.10<br>0.00  | 112.95<br>9.35<br>-1.99 | 122.55<br>9.54<br>-3.41  | 102.49<br>7.08<br>-3.52  | 71.83<br>4.13<br>-2.08 | 51.87<br>2.52<br>-0.89 | 47.00<br>2.73<br>-0.31 | 41.41<br>2.47<br>-0.30 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A<br>345013 | 32.63<br>-1.04<br>-0.03 | 28.47<br>-0.90<br>0.47 | 26.70<br>-0.97<br>-0.02 | 25.95<br>-0.67<br>0.08 | 27.30<br>-0.87<br>-0.02 | 29.41<br>-1.37<br>1.04 | 34.57<br>-2.76<br>-0.53 | 40.07<br>-4.22<br>-0.32 | 39.64<br>-3.87<br>-0.06 | 36.02<br>-3.15<br>-1.26 | 38.34<br>-3.46<br>-1.11 | 39.59<br>-3.29<br>-1.18 | 44.06<br>-2.80<br>-3.83 | 49.62<br>-2.59<br>-4.25 | 52.05<br>-3.04<br>-4.49 | 53.57<br>-4.23<br>-0.63 | 69.16<br>-7.09<br>0.00 | 92.27<br>-9.35<br>0.00  | 101.27<br>-8.33<br>0.00  | 86.38<br>-5.51<br>0.00   | 59.97<br>-5.64<br>0.00 | 45.41<br>-3.05<br>0.00 | 40.98<br>-2.99<br>0.00 | 36.82<br>-1.82<br>0.00 |
| PACKARD__115KV_DUPONT_184<br>80571            | 32.63<br>-1.04<br>-0.03 | 28.47<br>-0.90<br>0.47 | 26.70<br>-0.97<br>-0.02 | 25.95<br>-0.67<br>0.08 | 27.30<br>-0.87<br>-0.02 | 29.41<br>-1.37<br>1.04 | 34.57<br>-2.76<br>-0.53 | 40.07<br>-4.22<br>-0.32 | 39.64<br>-3.87<br>-0.06 | 36.02<br>-3.15<br>-1.26 | 38.34<br>-3.46<br>-1.11 | 39.59<br>-3.29<br>-1.18 | 44.06<br>-2.80<br>-3.83 | 49.62<br>-2.59<br>-4.25 | 52.05<br>-3.04<br>-4.49 | 53.57<br>-4.23<br>-0.63 | 69.16<br>-7.09<br>0.00 | 92.27<br>-9.35<br>0.00  | 101.27<br>-8.33<br>0.00  | 86.38<br>-5.51<br>0.00   | 59.97<br>-5.64<br>0.00 | 45.41<br>-3.05<br>0.00 | 40.98<br>-2.99<br>0.00 | 36.82<br>-1.82<br>0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J<br>345007     | 36.21<br>2.56<br>-0.01  | 32.05<br>2.21<br>-0.01 | 29.49<br>1.83<br>-0.01  | 28.44<br>1.74<br>-0.01 | 29.88<br>1.72<br>-0.01  | 33.80<br>1.97<br>-0.01 | 41.30<br>2.50<br>-2.00  | 47.84<br>2.64<br>-1.23  | 46.68<br>3.09<br>-0.15  | 40.75<br>2.84<br>0.00   | 43.70<br>3.01<br>0.00   | 44.75<br>3.04<br>0.00   | 46.30<br>3.27<br>0.00   | 50.50<br>2.54<br>0.00   | 53.28<br>2.68<br>0.00   | 59.97<br>2.80<br>0.00   | 81.21<br>4.96<br>0.00  | 111.63<br>8.03<br>-1.99 | 120.90<br>7.89<br>-3.41  | 101.02<br>5.61<br>-3.52  | 70.72<br>3.02<br>-2.08 | 51.19<br>1.84<br>-0.89 | 46.92<br>2.64<br>-0.31 | 41.42<br>2.47<br>-0.31 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J<br>345019     | 36.58<br>2.93<br>-0.01  | 32.41<br>2.57<br>-0.01 | 29.82<br>2.16<br>-0.01  | 28.73<br>2.03<br>-0.01 | 30.19<br>2.03<br>-0.01  | 34.15<br>2.32<br>-0.01 | 41.71<br>2.91<br>-2.00  | 48.28<br>3.08<br>-1.23  | 47.12<br>3.52<br>-0.15  | 41.13<br>3.22<br>0.00   | 44.10<br>3.42<br>0.00   | 45.17<br>3.46<br>0.00   | 46.73<br>3.70<br>0.00   | 51.03<br>3.07<br>0.00   | 53.79<br>3.19<br>0.00   | 60.54<br>3.37<br>0.00   | 82.05<br>5.80<br>0.00  | 112.65<br>9.04<br>-1.99 | 122.11<br>9.10<br>-3.41  | 102.03<br>6.62<br>-3.52  | 71.37<br>3.67<br>-2.08 | 51.67<br>2.33<br>-0.89 | 47.36<br>3.08<br>-0.31 | 41.85<br>2.90<br>-0.31 |
| PATROON__115KV_TB1<br>80586                   | 34.11<br>0.47<br>0.00   | 30.31<br>0.48<br>0.00  | 28.10<br>0.44<br>0.00   | 27.15<br>0.45<br>0.00  | 28.64<br>0.48<br>0.00   | 32.36<br>0.54<br>0.00  | 44.36<br>0.96<br>-6.61  | 49.01<br>0.97<br>-4.07  | 44.89<br>0.96<br>-0.49  | 38.59<br>0.68<br>0.00   | 41.34<br>0.65<br>0.00   | 42.25<br>0.54<br>0.00   | 43.59<br>0.56<br>0.00   | 48.06<br>0.10<br>0.00   | 50.80<br>0.20<br>0.00   | 57.57<br>0.40<br>0.00   | 77.55<br>1.30<br>0.00  | 110.70<br>2.44<br>-6.65 | 123.86<br>2.85<br>-11.41 | 105.61<br>1.93<br>-11.79 | 73.50<br>0.92<br>-6.96 | 51.88<br>0.48<br>-2.93 | 45.51<br>0.53<br>-1.02 | 40.10<br>0.46<br>-1.00 |
| PATTRSNVILLE___SOLAR<br>323815                | 34.72<br>1.08<br>0.00   | 30.82<br>0.98<br>0.00  | 28.57<br>0.91<br>0.00   | 27.60<br>0.91<br>0.00  | 29.11<br>0.96<br>0.00   | 32.97<br>1.14<br>0.00  | 46.09<br>1.51<br>-7.79  | 50.44<br>1.67<br>-4.80  | 45.15<br>1.13<br>-0.57  | 38.48<br>0.57<br>0.00   | 41.01<br>0.32<br>0.00   | 41.96<br>0.25<br>0.00   | 43.25<br>0.22<br>0.00   | 48.01<br>0.05<br>0.00   | 50.74<br>0.15<br>0.01   | 57.68<br>0.51<br>0.00   | 77.93<br>1.68<br>0.00  | 113.40<br>3.96<br>-7.82 | 128.50<br>5.48<br>-13.43 | 109.89<br>4.14<br>-13.87 | 76.30<br>2.49<br>-8.19 | 53.56<br>1.65<br>-3.45 | 46.62<br>1.45<br>-1.20 | 41.05<br>1.24<br>-1.18 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A<br>345030      | 32.73<br>-0.98<br>-0.06 | 28.42<br>-0.98<br>0.44 | 26.67<br>-1.02<br>-0.04 | 25.86<br>-0.77<br>0.06 | 27.24<br>-0.96<br>-0.04 | 29.67<br>-1.18<br>0.97 | 35.49<br>-1.91<br>-0.61 | 41.53<br>-2.90<br>-0.46 | 41.03<br>-2.61<br>-0.18 | 36.98<br>-2.20<br>-1.27 | 39.49<br>-2.32<br>-1.12 | 40.70<br>-2.21<br>-1.20 | 45.28<br>-1.64<br>-3.88 | 50.98<br>-1.29<br>-4.31 | 53.48<br>-1.67<br>-4.55 | 55.71<br>-2.46<br>-1.00 | 71.60<br>-4.65<br>0.00 | 96.23<br>-5.39<br>0.00  | 105.76<br>-3.84<br>0.00  | 89.68<br>-2.21<br>0.00   | 62.07<br>-3.54<br>0.00 | 46.72<br>-1.74<br>0.00 | 42.04<br>-1.93<br>0.00 | 37.56<br>-1.08<br>0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H<br>345028       | 35.69<br>2.05<br>0.00   | 31.63<br>1.79<br>0.00  | 29.18<br>1.52<br>0.00   | 28.16<br>1.47<br>0.00  | 29.62<br>1.46<br>0.00   | 33.57<br>1.75<br>0.00  | 40.89<br>2.24<br>-1.85  | 47.75<br>2.64<br>-1.14  | 46.59<br>3.00<br>-0.14  | 40.56<br>2.65<br>0.00   | 43.62<br>2.93<br>0.00   | 44.58<br>2.88<br>0.00   | 46.17<br>3.14<br>0.00   | 50.74<br>2.78<br>0.00   | 53.43<br>2.83<br>0.00   | 60.49<br>3.32<br>0.00   | 81.66<br>5.41<br>0.00  | 111.72<br>8.33<br>-1.77 | 121.41<br>8.77<br>-3.04  | 101.65<br>6.62<br>-3.14  | 71.15<br>3.67<br>-1.86 | 51.61<br>2.33<br>-0.82 | 46.58<br>2.33<br>-0.28 | 41.00<br>2.09<br>-0.28 |
| PEEKSKILL___<br>23653                         | 35.59<br>1.95<br>0.00   | 31.51<br>1.67<br>0.00  | 29.04<br>1.38<br>0.00   | 28.00<br>1.31<br>0.00  | 29.45<br>1.30<br>0.00   | 33.32<br>1.50<br>0.00  | 40.71<br>1.95<br>-1.96  | 47.42<br>2.24<br>-1.21  | 46.13<br>2.52<br>-0.16  | 40.33<br>2.43<br>0.00   | 43.25<br>2.56<br>0.00   | 44.29<br>2.59<br>0.00   | 45.70<br>2.67<br>0.00   | 50.40<br>2.44<br>0.00   | 53.10<br>2.48<br>-0.02  | 60.03<br>2.86<br>0.00   | 80.98<br>4.73<br>0.00  | 111.06<br>7.52<br>-1.93 | 120.58<br>7.67<br>-3.31  | 100.82<br>5.51<br>-3.42  | 70.72<br>3.08<br>-2.02 | 51.22<br>1.89<br>-0.87 | 46.30<br>2.02<br>-0.30 | 40.79<br>1.85<br>-0.30 |
| PGE MADISON___WINDPWR<br>24146                | 35.43<br>1.31<br>-0.48  | 31.09<br>1.25<br>0.00  | 29.10<br>1.22<br>-0.23  | 28.02<br>1.20<br>-0.13 | 29.61<br>1.21<br>-0.24  | 33.32<br>1.50<br>0.00  | 40.34<br>2.21<br>-1.34  | 48.59<br>2.90<br>-1.72  | 48.29<br>3.26<br>-1.58  | 41.35<br>2.20<br>-1.24  | 43.82<br>2.03<br>-1.10  | 45.05<br>2.17<br>-1.17  | 49.14<br>2.32<br>-3.79  | 54.71<br>2.54<br>-4.20  | 57.62<br>2.58<br>-4.44  | 66.02<br>3.83<br>-5.02  | 82.20<br>5.95<br>0.00  | 113.30<br>11.69<br>0.00 | 123.08<br>13.48<br>0.00  | 103.28<br>11.39<br>0.00  | 72.05<br>6.43<br>0.00  | 52.97<br>4.51<br>0.00  | 47.27<br>3.30<br>0.00  | 41.34<br>2.70<br>0.00  |



|                                              |                        |                        |                        |                        |                        |                        |                        |                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                        |                        |                        |                        |
|----------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| PIERCEFIELD___HYD<br>23852                   | 33.92<br>0.13<br>-0.15 | 30.02<br>0.18<br>0.00  | 27.87<br>0.14<br>-0.07 | 26.79<br>0.05<br>-0.04 | 28.37<br>0.14<br>-0.08 | 32.11<br>0.29<br>0.00  | 37.88<br>0.66<br>-0.42 | 45.75<br>1.01<br>-0.76  | 44.54<br>0.48<br>-0.61 | 38.84<br>0.45<br>-0.48 | 41.64<br>0.53<br>-0.42 | 42.99<br>0.83<br>-0.45 | 44.96<br>0.47<br>-1.45 | 50.34<br>0.77<br>-1.61 | 52.71<br>0.40<br>-1.70 | 59.21<br>0.11<br>-1.93 | 76.25<br>0.00<br>0.00  | 101.01<br>-0.61<br>0.00 | 108.83<br>-0.77<br>0.00 | 91.52<br>-0.37<br>0.00  | 66.27<br>0.66<br>0.00  | 49.24<br>0.78<br>0.00  | 44.72<br>0.75<br>0.00  | 38.99<br>0.35<br>0.00  |
| PINELAWN_CC_1<br>323563                      | 35.80<br>2.15<br>0.00  | 31.60<br>1.76<br>0.00  | 29.04<br>1.38<br>0.00  | 27.82<br>1.12<br>0.00  | 29.28<br>1.13<br>0.00  | 33.26<br>1.43<br>0.00  | 40.67<br>1.88<br>-2.00 | 46.77<br>1.58<br>-1.22  | 45.47<br>1.87<br>-0.15 | 40.45<br>2.54<br>0.00  | 43.21<br>2.52<br>0.00  | 43.28<br>2.25<br>0.67  | 44.99<br>2.07<br>0.11  | 49.92<br>2.06<br>0.10  | 52.84<br>2.33<br>0.08  | 59.66<br>2.80<br>0.31  | 79.72<br>4.27<br>0.80  | 108.63<br>6.81<br>-0.20 | 117.53<br>6.58<br>-1.35 | 89.21<br>4.59<br>7.27   | 69.46<br>2.56<br>-1.29 | 50.88<br>1.55<br>-0.87 | 45.81<br>1.54<br>-0.30 | 41.18<br>2.24<br>-0.30 |
| PJM_GEN_HTP_PROXY<br>323702                  | 35.93<br>2.29<br>0.00  | 31.81<br>1.97<br>0.00  | 29.26<br>1.60<br>0.00  | 28.19<br>1.49<br>0.00  | 29.62<br>1.46<br>0.00  | 33.54<br>1.72<br>0.00  | 40.96<br>2.17<br>-2.00 | 47.71<br>2.51<br>-1.23  | 46.44<br>2.82<br>-0.17 | 40.64<br>2.73<br>0.00  | 43.58<br>2.89<br>0.00  | 44.67<br>2.96<br>0.00  | 46.04<br>3.01<br>0.00  | 50.79<br>2.83<br>0.00  | 53.51<br>2.88<br>-0.02 | 60.43<br>3.26<br>0.00  | 81.59<br>5.34<br>0.00  | 111.83<br>8.23<br>-1.99 | 121.23<br>8.22<br>-3.41 | 101.38<br>5.97<br>-3.52 | 71.11<br>3.41<br>-2.08 | 51.38<br>2.03<br>-0.89 | 46.52<br>2.24<br>-0.31 | 41.03<br>2.09<br>-0.30 |
| PJM_GEN_KEystone<br>24065                    | 34.25<br>0.54<br>-0.07 | 30.02<br>0.39<br>0.21  | 27.91<br>0.22<br>-0.03 | 26.97<br>0.29<br>0.02  | 28.39<br>0.20<br>-0.04 | 31.52<br>0.16<br>0.46  | 37.30<br>0.11<br>-0.39 | 45.08<br>-0.13<br>-1.23 | 44.01<br>0.26<br>-0.30 | 38.30<br>0.23<br>-0.17 | 41.23<br>0.41<br>-0.14 | 42.41<br>0.54<br>-0.17 | 44.52<br>0.99<br>-0.50 | 48.76<br>0.58<br>-0.23 | 51.55<br>0.61<br>-0.34 | 58.09<br>0.06<br>-0.86 | 76.25<br>0.00<br>0.00  | 103.04<br>1.42<br>0.00  | 111.46<br>1.86<br>0.00  | 93.35<br>1.47<br>0.00   | 65.42<br>-0.20<br>0.00 | 48.46<br>0.00<br>0.00  | 44.10<br>0.13<br>0.00  | 38.91<br>0.27<br>0.00  |
| PJM_GEN_NEPTUNE_PROXY<br>323594              | 35.49<br>1.85<br>0.00  | 31.36<br>1.52<br>0.00  | 28.82<br>1.16<br>0.00  | 27.66<br>0.96<br>0.00  | 29.08<br>0.93<br>0.00  | 33.00<br>1.18<br>0.00  | 40.34<br>1.55<br>-2.00 | 46.55<br>1.36<br>-1.21  | 45.25<br>1.65<br>-0.15 | 40.10<br>2.20<br>0.00  | 42.88<br>2.20<br>0.00  | 43.63<br>1.92<br>0.00  | 44.76<br>1.72<br>0.00  | 49.58<br>1.63<br>0.01  | 52.39<br>1.77<br>-0.02 | 59.34<br>2.17<br>0.00  | 79.76<br>3.51<br>0.00  | 109.39<br>5.79<br>-1.98 | 118.48<br>5.48<br>-3.41 | 87.56<br>3.77<br>8.10   | 69.59<br>1.90<br>-2.07 | 50.36<br>1.02<br>-0.88 | 45.46<br>1.19<br>-0.30 | 40.80<br>1.85<br>-0.30 |
| PJM_GEN_VFT_PROXY<br>323633                  | 35.83<br>2.19<br>0.00  | 31.72<br>1.88<br>0.00  | 29.18<br>1.52<br>0.00  | 28.11<br>1.41<br>0.00  | 29.54<br>1.38<br>0.00  | 33.44<br>1.62<br>0.00  | 40.74<br>1.95<br>-2.00 | 47.44<br>2.24<br>-1.23  | 46.23<br>2.61<br>-0.17 | 40.48<br>2.58<br>0.00  | 43.37<br>2.68<br>0.00  | 44.46<br>2.75<br>0.00  | 45.83<br>2.80<br>0.00  | 50.50<br>2.54<br>0.00  | 53.20<br>2.58<br>-0.02 | 60.09<br>2.91<br>0.00  | 81.14<br>4.88<br>0.00  | 111.32<br>7.72<br>-1.99 | 120.68<br>7.67<br>-3.41 | 100.92<br>5.51<br>-3.52 | 70.72<br>3.02<br>-2.08 | 51.09<br>1.74<br>-0.89 | 46.26<br>1.98<br>-0.31 | 40.83<br>1.89<br>-0.29 |
| PLATSBURG_115KV_PMLD1<br>355749              | 33.61<br>-0.03<br>0.00 | 29.72<br>-0.12<br>0.00 | 27.43<br>-0.22<br>0.00 | 26.35<br>-0.35<br>0.00 | 27.93<br>-0.23<br>0.00 | 31.85<br>0.03<br>0.00  | 37.27<br>0.48<br>0.00  | 44.90<br>0.92<br>0.00   | 44.10<br>0.65<br>0.00  | 39.00<br>1.10<br>0.00  | 42.15<br>1.46<br>0.00  | 43.62<br>1.92<br>0.00  | 43.81<br>0.77<br>0.00  | 48.20<br>0.24<br>0.00  | 49.49<br>-1.11<br>0.00 | 54.54<br>-2.63<br>0.00 | 73.05<br>-3.20<br>0.00 | 97.15<br>-4.47<br>0.00  | 104.56<br>-5.04<br>0.00 | 87.39<br>-4.50<br>0.00  | 62.86<br>-2.76<br>0.00 | 46.57<br>-1.89<br>0.00 | 43.35<br>-0.62<br>0.00 | 38.25<br>-0.39<br>0.00 |
| PLEASANTVLY___LBMP<br>24000                  | 35.22<br>1.58<br>0.00  | 31.21<br>1.37<br>0.00  | 28.82<br>1.16<br>0.00  | 27.84<br>1.15<br>0.00  | 29.28<br>1.13<br>0.00  | 33.13<br>1.30<br>0.00  | 40.78<br>1.73<br>-2.25 | 47.34<br>1.98<br>-1.39  | 45.96<br>2.35<br>-0.17 | 39.99<br>2.08<br>0.00  | 43.05<br>2.36<br>0.00  | 44.00<br>2.29<br>0.00  | 45.44<br>2.41<br>0.00  | 49.83<br>1.87<br>0.00  | 52.57<br>1.97<br>0.00  | 59.46<br>2.29<br>0.00  | 80.14<br>3.89<br>0.00  | 110.10<br>6.20<br>-2.28 | 119.77<br>6.25<br>-3.92 | 100.53<br>4.59<br>-4.05 | 70.57<br>2.56<br>-2.39 | 51.01<br>1.55<br>-1.00 | 46.08<br>1.76<br>-0.35 | 40.56<br>1.58<br>-0.34 |
| PLSNTVLE_13_KV_13.8KVDIST<br>80602           | 35.69<br>2.05<br>0.00  | 31.63<br>1.79<br>0.00  | 29.15<br>1.49<br>0.00  | 28.06<br>1.36<br>0.00  | 29.51<br>1.35<br>0.00  | 33.41<br>1.59<br>0.00  | 40.83<br>2.02<br>-2.01 | 47.54<br>2.33<br>-1.24  | 46.38<br>2.78<br>-0.15 | 40.45<br>2.54<br>0.00  | 43.53<br>2.85<br>0.00  | 44.54<br>2.84<br>0.00  | 46.00<br>2.97<br>0.00  | 50.45<br>2.49<br>0.00  | 53.18<br>2.58<br>0.00  | 60.09<br>2.92<br>0.00  | 81.05<br>4.80<br>0.00  | 111.16<br>7.52<br>-2.02 | 120.64<br>7.56<br>-3.48 | 101.08<br>5.61<br>-3.59 | 70.95<br>3.22<br>-2.12 | 51.29<br>1.94<br>-0.89 | 46.39<br>2.11<br>-0.31 | 40.87<br>1.93<br>-0.30 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I<br>345020 | 35.69<br>2.05<br>0.00  | 31.63<br>1.79<br>0.00  | 29.15<br>1.49<br>0.00  | 28.06<br>1.36<br>0.00  | 29.51<br>1.35<br>0.00  | 33.41<br>1.59<br>0.00  | 40.83<br>2.02<br>-2.01 | 47.54<br>2.33<br>-1.24  | 46.38<br>2.78<br>-0.15 | 40.45<br>2.54<br>0.00  | 43.53<br>2.85<br>0.00  | 44.54<br>2.84<br>0.00  | 46.00<br>2.97<br>0.00  | 50.45<br>2.49<br>0.00  | 53.18<br>2.58<br>0.00  | 60.09<br>2.92<br>0.00  | 81.05<br>4.80<br>0.00  | 111.16<br>7.52<br>-2.02 | 120.64<br>7.56<br>-3.48 | 101.08<br>5.61<br>-3.59 | 70.95<br>3.22<br>-2.12 | 51.29<br>1.94<br>-0.89 | 46.39<br>2.11<br>-0.31 | 40.87<br>1.93<br>-0.30 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G<br>345023 | 35.39<br>1.75<br>0.00  | 31.36<br>1.52<br>0.00  | 28.95<br>1.30<br>0.00  | 28.00<br>1.31<br>0.00  | 29.45<br>1.30<br>0.00  | 33.32<br>1.50<br>0.00  | 41.01<br>1.95<br>-2.26 | 47.65<br>2.29<br>-1.39  | 46.18<br>2.56<br>-0.17 | 40.18<br>2.27<br>0.00  | 43.17<br>2.48<br>0.00  | 44.12<br>2.42<br>0.00  | 45.62<br>2.58<br>0.00  | 50.07<br>2.11<br>0.00  | 52.83<br>2.23<br>0.00  | 59.74<br>2.57<br>0.00  | 80.67<br>4.42<br>0.00  | 110.29<br>7.11<br>-1.56 | 119.62<br>7.34<br>-2.68 | 100.17<br>5.51<br>-2.77 | 70.27<br>3.02<br>-1.63 | 51.35<br>1.89<br>-1.00 | 46.30<br>1.98<br>-0.35 | 40.80<br>1.82<br>-0.34 |
| POLETTI____<br>23519                         | 22.96<br>2.25<br>12.94 | 22.99<br>1.94<br>8.79  | 22.96<br>1.58<br>6.27  | 22.96<br>1.47<br>5.20  | 22.96<br>1.46<br>6.66  | 22.96<br>1.69<br>10.55 | 22.96<br>2.24<br>16.08 | 26.10<br>2.29<br>20.16  | 25.89<br>2.74<br>20.30 | 23.00<br>2.58<br>17.49 | 25.26<br>2.77<br>18.19 | 25.15<br>2.79<br>19.36 | 25.28<br>3.01<br>20.77 | 27.91<br>2.21<br>22.25 | 30.15<br>2.33<br>22.78 | 38.61<br>2.40<br>20.96 | 59.80<br>4.50<br>20.95 | 93.44<br>7.42<br>15.60  | 103.80<br>7.23<br>13.04 | 83.94<br>5.05<br>13.00  | 53.60<br>2.56<br>14.57 | 29.64<br>1.50<br>20.32 | 27.55<br>2.33<br>18.75 | 24.98<br>2.20<br>15.86 |
| POMONA___ESR<br>323819                       | 35.59<br>1.95<br>0.00  | 31.51<br>1.67<br>0.00  | 29.04<br>1.38<br>0.00  | 28.00<br>1.31<br>0.00  | 29.45<br>1.30<br>0.00  | 33.32<br>1.50<br>0.00  | 40.62<br>1.95<br>-1.87 | 47.41<br>2.29<br>-1.15  | 46.16<br>2.56<br>-0.15 | 40.33<br>2.43<br>0.00  | 43.25<br>2.56<br>0.00  | 44.29<br>2.59<br>0.00  | 45.70<br>2.67<br>0.00  | 50.45<br>2.49<br>0.00  | 53.15<br>2.53<br>-0.02 | 60.09<br>2.91<br>0.00  | 81.06<br>4.81<br>0.00  | 111.13<br>7.72<br>-1.80 | 120.58<br>7.90<br>-3.09 | 100.77<br>5.70<br>-3.19 | 70.71<br>3.21<br>-1.88 | 51.28<br>1.99<br>-0.83 | 46.32<br>2.07<br>-0.29 | 40.81<br>1.89<br>-0.28 |
| PORT_JEFF_3<br>23555                         | 35.49<br>1.85<br>0.00  | 31.27<br>1.43<br>0.00  | 28.73<br>1.08<br>0.00  | 27.50<br>0.80<br>0.00  | 28.97<br>0.82<br>0.00  | 32.94<br>1.11<br>0.00  | 40.30<br>1.51<br>-2.00 | 46.24<br>1.05<br>-1.21  | 44.91<br>1.30<br>-0.15 | 40.07<br>2.16<br>0.00  | 42.64<br>1.95<br>0.00  | 28.33<br>1.62<br>15.00 | 41.97<br>1.34<br>2.40  | 47.19<br>1.20<br>1.97  | 49.57<br>1.27<br>2.30  | 51.86<br>1.54<br>6.85  | 61.05<br>2.59<br>17.80 | 68.33<br>4.37<br>37.66  | 73.25<br>3.83<br>40.19  | 63.91<br>2.39<br>30.37  | 52.13<br>1.11<br>14.60 | 49.57<br>0.48<br>-0.63 | 45.06<br>0.79<br>-0.30 | 40.68<br>1.74<br>-0.30 |
| PORT_JEFF_4<br>23616                         | 35.49<br>1.85<br>0.00  | 31.27<br>1.43<br>0.00  | 28.73<br>1.08<br>0.00  | 27.50<br>0.80<br>0.00  | 28.97<br>0.82<br>0.00  | 32.94<br>1.11<br>0.00  | 40.30<br>1.51<br>-2.00 | 46.24<br>1.05<br>-1.21  | 44.91<br>1.30<br>-0.15 | 40.07<br>2.16<br>0.00  | 42.64<br>1.95<br>0.00  | 28.33<br>1.62<br>15.00 | 41.97<br>1.34<br>2.40  | 47.19<br>1.20<br>1.97  | 49.57<br>1.27<br>2.30  | 51.86<br>1.54<br>6.85  | 61.05<br>2.59<br>17.80 | 68.33<br>4.37<br>37.66  | 73.25<br>3.83<br>40.19  | 63.91<br>2.39<br>30.37  | 52.13<br>1.11<br>14.60 | 49.57<br>0.48<br>-0.63 | 45.06<br>0.79<br>-0.30 | 40.68<br>1.74<br>-0.30 |



|                              |                         |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                          |                          |                          |                         |                        |                        |                        |
|------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| PORT_JEFF_IC<br>23713        | 35.56<br>1.92<br>0.00   | 31.33<br>1.49<br>0.00  | 28.79<br>1.13<br>0.00   | 27.55<br>0.85<br>0.00   | 29.00<br>0.84<br>0.00   | 32.97<br>1.15<br>0.00  | 40.34<br>1.55<br>-2.00  | 46.29<br>1.10<br>-1.21  | 45.15<br>1.56<br>-0.13  | 40.18<br>2.27<br>0.00   | 43.21<br>2.52<br>0.00   | 28.30<br>2.38<br>15.78  | 42.83<br>2.32<br>2.53   | 47.13<br>1.25<br>2.07   | 49.62<br>1.47<br>2.44   | 51.79<br>1.83<br>7.21   | 60.35<br>2.82<br>18.72 | 66.49<br>4.57<br>39.71   | 70.94<br>3.84<br>42.50   | 63.05<br>2.66<br>31.51   | 51.44<br>1.31<br>15.49  | 49.70<br>0.63<br>-0.61 | 45.24<br>0.97<br>-0.30 | 40.80<br>1.85<br>-0.30 |
| PPL PILGRIM_ST_GT1<br>24216  | 35.96<br>2.32<br>0.00   | 31.72<br>1.88<br>0.00  | 29.12<br>1.46<br>0.00   | 27.92<br>1.23<br>0.00   | 29.37<br>1.21<br>0.00   | 33.38<br>1.56<br>0.00  | 40.85<br>2.06<br>-2.00  | 46.86<br>1.67<br>-1.21  | 45.51<br>1.91<br>-0.15  | 40.60<br>2.69<br>0.00   | 43.33<br>2.64<br>0.00   | 42.77<br>2.54<br>1.48   | 45.12<br>2.32<br>0.24   | 50.05<br>2.30<br>0.21   | 53.01<br>2.63<br>0.22   | 59.47<br>2.97<br>0.68   | 78.46<br>3.96<br>1.76  | 106.09<br>6.41<br>1.93   | 114.48<br>6.02<br>1.15   | 86.58<br>4.14<br>9.45    | 68.64<br>2.69<br>-0.33  | 51.11<br>1.79<br>-0.85 | 45.90<br>1.63<br>-0.30 | 41.42<br>2.48<br>-0.30 |
| PPL PILGRIM_ST_GT2<br>24217  | 35.96<br>2.32<br>0.00   | 31.72<br>1.88<br>0.00  | 29.12<br>1.46<br>0.00   | 27.92<br>1.23<br>0.00   | 29.37<br>1.21<br>0.00   | 33.38<br>1.56<br>0.00  | 40.85<br>2.06<br>-2.00  | 46.86<br>1.67<br>-1.21  | 45.51<br>1.91<br>-0.15  | 40.60<br>2.69<br>0.00   | 43.33<br>2.64<br>0.00   | 42.77<br>2.54<br>1.48   | 45.12<br>2.32<br>0.24   | 50.05<br>2.30<br>0.21   | 53.01<br>2.63<br>0.22   | 59.47<br>2.97<br>0.68   | 78.46<br>3.96<br>1.76  | 106.09<br>6.41<br>1.93   | 114.48<br>6.02<br>1.15   | 86.58<br>4.14<br>9.45    | 68.64<br>2.69<br>-0.33  | 51.11<br>1.79<br>-0.85 | 45.90<br>1.63<br>-0.30 | 41.42<br>2.48<br>-0.30 |
| PPL_SHRM_GT3<br>24213        | 35.19<br>1.55<br>0.00   | 31.00<br>1.16<br>0.00  | 28.48<br>0.83<br>0.00   | 27.20<br>0.51<br>0.00   | 28.69<br>0.53<br>0.00   | 32.62<br>0.80<br>0.00  | 39.90<br>1.10<br>-2.00  | 45.85<br>0.66<br>-1.21  | 44.47<br>0.87<br>-0.15  | 39.65<br>1.74<br>0.00   | 42.19<br>1.51<br>0.00   | 28.02<br>1.21<br>14.90  | 41.55<br>0.91<br>2.39   | 46.72<br>0.72<br>1.96   | 49.18<br>0.86<br>2.28   | 51.57<br>1.20<br>6.81   | 60.86<br>2.29<br>17.67 | 68.51<br>4.27<br>37.37   | 73.76<br>4.06<br>39.89   | 64.01<br>2.30<br>30.18   | 51.98<br>0.85<br>14.49  | 49.28<br>0.19<br>-0.63 | 44.66<br>0.39<br>-0.30 | 40.33<br>1.39<br>-0.30 |
| PPL_SHRM_GT4<br>24214        | 35.19<br>1.55<br>0.00   | 31.00<br>1.16<br>0.00  | 28.48<br>0.83<br>0.00   | 27.20<br>0.51<br>0.00   | 28.69<br>0.53<br>0.00   | 32.62<br>0.80<br>0.00  | 39.90<br>1.10<br>-2.00  | 45.85<br>0.66<br>-1.21  | 44.47<br>0.87<br>-0.15  | 39.65<br>1.74<br>0.00   | 42.19<br>1.51<br>0.00   | 28.02<br>1.21<br>14.90  | 41.55<br>0.91<br>2.39   | 46.72<br>0.72<br>1.96   | 49.18<br>0.86<br>2.28   | 51.57<br>1.20<br>6.81   | 60.86<br>2.29<br>17.67 | 68.51<br>4.27<br>37.37   | 73.76<br>4.06<br>39.89   | 64.01<br>2.30<br>30.18   | 51.98<br>0.85<br>14.49  | 49.28<br>0.19<br>-0.63 | 44.66<br>0.39<br>-0.30 | 40.33<br>1.39<br>-0.30 |
| PROJECT___ORANGE 1<br>24174  | 33.91<br>-0.24<br>-0.51 | 29.41<br>-0.21<br>0.21 | 27.71<br>-0.19<br>-0.25 | 26.61<br>-0.19<br>-0.10 | 28.22<br>-0.20<br>-0.26 | 31.12<br>-0.22<br>0.48 | 38.29<br>-0.15<br>-1.64 | 45.78<br>-0.18<br>-1.98 | 44.84<br>-0.09<br>-1.48 | 39.60<br>-0.15<br>-1.85 | 42.07<br>-0.24<br>-1.63 | 43.20<br>-0.25<br>-1.74 | 48.54<br>-0.13<br>-5.64 | 54.03<br>-0.19<br>-6.26 | 57.06<br>-0.15<br>-6.61 | 62.05<br>-0.06<br>-4.94 | 75.87<br>-0.38<br>0.00 | 101.52<br>-0.10<br>0.00  | 109.71<br>0.11<br>0.00   | 92.35<br>0.46<br>0.00    | 65.35<br>-0.26<br>0.00  | 48.27<br>-0.19<br>0.00 | 43.57<br>-0.40<br>0.00 | 38.37<br>-0.27<br>0.00 |
| PROJECT___ORANGE 2<br>24166  | 33.91<br>-0.24<br>-0.51 | 29.41<br>-0.21<br>0.21 | 27.71<br>-0.19<br>-0.25 | 26.61<br>-0.19<br>-0.10 | 28.22<br>-0.20<br>-0.26 | 31.12<br>-0.22<br>0.48 | 38.29<br>-0.15<br>-1.64 | 45.78<br>-0.18<br>-1.98 | 44.84<br>-0.09<br>-1.48 | 39.60<br>-0.15<br>-1.85 | 42.07<br>-0.24<br>-1.63 | 43.20<br>-0.25<br>-1.74 | 48.54<br>-0.13<br>-5.64 | 54.03<br>-0.19<br>-6.26 | 57.06<br>-0.15<br>-6.61 | 62.05<br>-0.06<br>-4.94 | 75.87<br>-0.38<br>0.00 | 101.52<br>-0.10<br>0.00  | 109.71<br>0.11<br>0.00   | 92.35<br>0.46<br>0.00    | 65.35<br>-0.26<br>0.00  | 48.27<br>-0.19<br>0.00 | 43.57<br>-0.40<br>0.00 | 38.37<br>-0.27<br>0.00 |
| PUCKETT___SOLAR<br>323809    | 34.54<br>0.54<br>-0.36  | 30.19<br>0.48<br>0.12  | 28.27<br>0.44<br>-0.18  | 27.22<br>0.45<br>-0.08  | 28.77<br>0.42<br>-0.19  | 32.03<br>0.48<br>0.27  | 38.67<br>0.74<br>-1.14  | 47.44<br>0.83<br>-2.63  | 45.24<br>0.04<br>-1.75  | 39.09<br>-0.19<br>-1.37 | 41.62<br>-0.28<br>-1.21 | 42.71<br>-0.29<br>-1.30 | 47.26<br>0.04<br>-4.19  | 52.27<br>-0.33<br>-4.65 | 55.26<br>-0.25<br>-4.91 | 62.26<br>-0.46<br>-5.55 | 75.80<br>-0.45<br>0.00 | 102.23<br>0.61<br>0.00   | 110.81<br>1.21<br>0.00   | 93.08<br>1.19<br>0.00    | 65.62<br>0.00<br>0.00   | 48.56<br>0.10<br>0.00  | 44.01<br>0.04<br>0.00  | 38.72<br>0.08<br>0.00  |
| PYRITES___HYD<br>24023       | 34.25<br>0.47<br>-0.14  | 30.31<br>0.48<br>0.00  | 28.19<br>0.47<br>-0.07  | 27.08<br>0.35<br>-0.04  | 28.68<br>0.45<br>-0.07  | 32.49<br>0.67<br>0.00  | 38.25<br>1.07<br>-0.39  | 46.16<br>1.50<br>-0.69  | 44.74<br>0.74<br>-0.55  | 38.95<br>0.61<br>-0.44  | 41.72<br>0.65<br>-0.38  | 43.03<br>0.92<br>-0.41  | 45.01<br>0.65<br>-1.33  | 50.49<br>1.06<br>-1.47  | 52.86<br>0.71<br>-1.56  | 59.44<br>0.51<br>-1.76  | 76.94<br>0.69<br>0.00  | 102.33<br>0.71<br>0.00   | 110.69<br>1.10<br>0.00   | 93.08<br>1.19<br>0.00    | 67.45<br>1.84<br>0.00   | 49.96<br>1.50<br>0.00  | 45.25<br>1.28<br>0.00  | 39.45<br>0.81<br>0.00  |
| QUAKERRD_115KV_BK1<br>80622  | 32.54<br>-1.11<br>-0.01 | 28.31<br>-1.01<br>0.51 | 26.75<br>-0.91<br>-0.01 | 25.72<br>-0.88<br>0.09  | 27.27<br>-0.90<br>-0.01 | 29.60<br>-1.08<br>1.14 | 36.03<br>-1.29<br>-0.53 | 42.08<br>-2.11<br>-0.21 | 41.45<br>-1.96<br>0.04  | 37.66<br>-1.55<br>-1.31 | 40.05<br>-1.79<br>-1.15 | 41.19<br>-1.75<br>-1.23 | 45.60<br>-1.42<br>-3.98 | 51.09<br>-1.29<br>-4.42 | 53.90<br>-1.37<br>-4.67 | 55.86<br>-1.66<br>-0.35 | 73.12<br>-3.13<br>0.00 | 97.96<br>-3.66<br>0.00   | 106.42<br>-3.18<br>0.00  | 90.33<br>-1.56<br>0.00   | 63.25<br>-2.36<br>0.00  | 47.10<br>-1.36<br>0.00 | 42.34<br>-1.63<br>0.00 | 37.44<br>-1.20<br>0.00 |
| QUENSBRY_115KV_TB8<br>356137 | 34.68<br>1.04<br>0.00   | 30.91<br>1.07<br>0.00  | 28.68<br>1.02<br>0.00   | 27.71<br>1.01<br>0.00   | 29.23<br>1.07<br>0.00   | 33.06<br>1.24<br>0.00  | 51.32<br>1.73<br>-12.80 | 53.79<br>1.93<br>-7.88  | 46.04<br>1.65<br>-0.94  | 38.78<br>0.87<br>0.00   | 41.30<br>0.61<br>0.00   | 42.29<br>0.58<br>0.00   | 43.64<br>0.60<br>0.00   | 48.30<br>0.34<br>0.00   | 51.16<br>0.56<br>0.00   | 58.20<br>1.03<br>0.00   | 78.84<br>2.59<br>0.00  | 119.33<br>4.88<br>-12.83 | 137.88<br>6.25<br>-22.04 | 119.24<br>4.59<br>-22.76 | 81.81<br>2.76<br>-13.44 | 55.83<br>1.70<br>-5.68 | 47.43<br>1.49<br>-1.97 | 41.81<br>1.24<br>-1.93 |
| RAMAPO___LBMP<br>323565      | 35.46<br>1.82<br>0.00   | 31.39<br>1.55<br>0.00  | 28.95<br>1.30<br>0.00   | 27.92<br>1.23<br>0.00   | 29.37<br>1.21<br>0.00   | 33.22<br>1.40<br>0.00  | 40.48<br>1.84<br>-1.84  | 47.26<br>2.15<br>-1.13  | 46.11<br>2.52<br>-0.14  | 40.22<br>2.31<br>0.00   | 43.29<br>2.60<br>0.00   | 44.25<br>2.54<br>0.00   | 45.74<br>2.71<br>0.00   | 50.21<br>2.25<br>0.00   | 52.98<br>2.38<br>0.00   | 59.86<br>2.69<br>0.00   | 80.75<br>4.50<br>0.00  | 110.69<br>7.32<br>-1.75  | 120.06<br>7.45<br>-3.01  | 100.42<br>5.42<br>-3.11  | 70.40<br>2.95<br>-1.84  | 51.07<br>1.79<br>-0.82 | 46.23<br>1.98<br>-0.28 | 40.66<br>1.74<br>-0.28 |
| RANKINE____<br>23646         | 32.86<br>-0.84<br>-0.06 | 28.59<br>-0.81<br>0.44 | 26.83<br>-0.86<br>-0.03 | 26.02<br>-0.61<br>0.06  | 27.40<br>-0.79<br>-0.03 | 29.82<br>-1.02<br>0.98 | 35.59<br>-1.80<br>-0.59 | 41.55<br>-2.86<br>-0.44 | 41.09<br>-2.52<br>-0.16 | 37.09<br>-2.08<br>-1.27 | 39.57<br>-2.24<br>-1.12 | 40.82<br>-2.09<br>-1.20 | 45.40<br>-1.51<br>-3.88 | 51.11<br>-1.15<br>-4.30 | 53.68<br>-1.47<br>-4.54 | 55.81<br>-2.29<br>-0.93 | 71.75<br>-4.50<br>0.00 | 96.13<br>-5.49<br>0.00   | 105.76<br>-3.84<br>0.00  | 89.87<br>-2.02<br>0.00   | 62.27<br>-3.35<br>0.00  | 46.86<br>-1.60<br>0.00 | 42.21<br>-1.76<br>0.00 | 37.75<br>-0.89<br>0.00 |
| RAVENSWOOD_GT2_1<br>24244    | 35.96<br>2.32<br>0.00   | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00   | 28.24<br>1.55<br>0.00   | 29.68<br>1.52<br>0.00   | 33.60<br>1.78<br>0.00  | 41.00<br>2.21<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.64<br>3.04<br>-0.15  | 40.71<br>2.81<br>0.00   | 43.82<br>3.13<br>0.00   | 44.83<br>3.13<br>0.00   | 46.35<br>3.31<br>0.00   | 50.74<br>2.78<br>0.00   | 53.48<br>2.88<br>0.00   | 60.37<br>3.20<br>0.00   | 81.51<br>5.26<br>0.00  | 111.84<br>8.23<br>-1.99  | 121.23<br>8.22<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.11<br>3.41<br>-2.08  | 51.38<br>2.04<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| RAVENSWOOD_GT2_2<br>24245    | 35.96<br>2.32<br>0.00   | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00   | 28.24<br>1.55<br>0.00   | 29.68<br>1.52<br>0.00   | 33.60<br>1.78<br>0.00  | 41.00<br>2.21<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.64<br>3.04<br>-0.15  | 40.71<br>2.81<br>0.00   | 43.82<br>3.13<br>0.00   | 44.83<br>3.13<br>0.00   | 46.35<br>3.31<br>0.00   | 50.74<br>2.78<br>0.00   | 53.48<br>2.88<br>0.00   | 60.37<br>3.20<br>0.00   | 81.51<br>5.26<br>0.00  | 111.84<br>8.23<br>-1.99  | 121.23<br>8.22<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.11<br>3.41<br>-2.08  | 51.38<br>2.04<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.10<br>2.16<br>-0.30 |



|                                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |                       |                       |                       |                       |                       |                       |                       |                       |                         |                         |                         |                        |                        |                        |                        |
|-----------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD_GT2_3<br>24246               | 35.96<br>2.32<br>0.00  | 31.87<br>2.03<br>0.00  | 29.31<br>1.66<br>0.00  | 28.24<br>1.55<br>0.00  | 29.68<br>1.52<br>0.00  | 33.60<br>1.78<br>0.00  | 41.04<br>2.24<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.64<br>3.04<br>-0.15 | 40.71<br>2.81<br>0.00 | 43.86<br>3.17<br>0.00 | 44.88<br>3.17<br>0.00 | 46.35<br>3.31<br>0.00 | 50.79<br>2.83<br>0.00 | 53.53<br>2.93<br>0.00 | 60.37<br>3.20<br>0.00 | 81.59<br>5.34<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.18<br>3.48<br>-2.08 | 51.43<br>2.08<br>-0.89 | 46.65<br>2.37<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| RAVENSWOOD_GT2_4<br>24247               | 35.96<br>2.32<br>0.00  | 31.87<br>2.03<br>0.00  | 29.31<br>1.66<br>0.00  | 28.24<br>1.55<br>0.00  | 29.68<br>1.52<br>0.00  | 33.60<br>1.78<br>0.00  | 41.04<br>2.24<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.64<br>3.04<br>-0.15 | 40.71<br>2.81<br>0.00 | 43.86<br>3.17<br>0.00 | 44.88<br>3.17<br>0.00 | 46.35<br>3.31<br>0.00 | 50.79<br>2.83<br>0.00 | 53.53<br>2.93<br>0.00 | 60.37<br>3.20<br>0.00 | 81.59<br>5.34<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.18<br>3.48<br>-2.08 | 51.43<br>2.08<br>-0.89 | 46.65<br>2.37<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| RAVENSWOOD_GT3_1<br>24248               | 35.96<br>2.32<br>0.00  | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00  | 28.24<br>1.55<br>0.00  | 29.68<br>1.52<br>0.00  | 33.60<br>1.78<br>0.00  | 41.00<br>2.21<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.64<br>3.04<br>-0.15 | 40.71<br>2.81<br>0.00 | 43.82<br>3.13<br>0.00 | 44.83<br>3.13<br>0.00 | 46.35<br>3.31<br>0.00 | 50.74<br>2.78<br>0.00 | 53.53<br>2.93<br>0.00 | 60.37<br>3.20<br>0.00 | 81.59<br>5.34<br>0.00 | 111.84<br>8.23<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.11<br>3.41<br>-2.08 | 51.43<br>2.08<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| RAVENSWOOD_GT3_2<br>24249               | 35.96<br>2.32<br>0.00  | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00  | 28.24<br>1.55<br>0.00  | 29.68<br>1.52<br>0.00  | 33.60<br>1.78<br>0.00  | 41.00<br>2.21<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.64<br>3.04<br>-0.15 | 40.71<br>2.81<br>0.00 | 43.82<br>3.13<br>0.00 | 44.83<br>3.13<br>0.00 | 46.35<br>3.31<br>0.00 | 50.74<br>2.78<br>0.00 | 53.53<br>2.93<br>0.00 | 60.37<br>3.20<br>0.00 | 81.59<br>5.34<br>0.00 | 111.84<br>8.23<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.11<br>3.41<br>-2.08 | 51.43<br>2.08<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| RAVENSWOOD_GT3_3<br>24250               | 36.03<br>2.39<br>0.00  | 31.90<br>2.06<br>0.00  | 29.34<br>1.69<br>0.00  | 28.27<br>1.58<br>0.00  | 29.71<br>1.55<br>0.00  | 33.64<br>1.81<br>0.00  | 41.07<br>2.28<br>-2.00 | 47.80<br>2.59<br>-1.23 | 46.73<br>3.13<br>-0.15 | 40.79<br>2.88<br>0.00 | 43.90<br>3.21<br>0.00 | 44.92<br>3.21<br>0.00 | 46.43<br>3.40<br>0.00 | 50.84<br>2.88<br>0.00 | 53.64<br>3.04<br>0.00 | 60.49<br>3.32<br>0.00 | 81.74<br>5.49<br>0.00 | 112.04<br>8.43<br>-1.99 | 121.56<br>8.55<br>-3.41 | 101.66<br>6.25<br>-3.52 | 71.24<br>3.54<br>-2.08 | 51.48<br>2.13<br>-0.89 | 46.70<br>2.42<br>-0.31 | 41.14<br>2.20<br>-0.30 |
| RAVENSWOOD_GT3_4<br>24251               | 36.03<br>2.39<br>0.00  | 31.90<br>2.06<br>0.00  | 29.34<br>1.69<br>0.00  | 28.27<br>1.58<br>0.00  | 29.71<br>1.55<br>0.00  | 33.64<br>1.81<br>0.00  | 41.07<br>2.28<br>-2.00 | 47.80<br>2.59<br>-1.23 | 46.73<br>3.13<br>-0.15 | 40.79<br>2.88<br>0.00 | 43.90<br>3.21<br>0.00 | 44.92<br>3.21<br>0.00 | 46.43<br>3.40<br>0.00 | 50.84<br>2.88<br>0.00 | 53.64<br>3.04<br>0.00 | 60.49<br>3.32<br>0.00 | 81.74<br>5.49<br>0.00 | 112.04<br>8.43<br>-1.99 | 121.56<br>8.55<br>-3.41 | 101.66<br>6.25<br>-3.52 | 71.24<br>3.54<br>-2.08 | 51.48<br>2.13<br>-0.89 | 46.70<br>2.42<br>-0.31 | 41.14<br>2.20<br>-0.30 |
| RAVENSWOOD_GT_1<br>23729                | 36.14<br>2.49<br>-0.01 | 31.99<br>2.15<br>-0.01 | 29.43<br>1.77<br>-0.01 | 28.39<br>1.68<br>-0.01 | 29.83<br>1.66<br>-0.01 | 33.77<br>1.94<br>-0.01 | 41.19<br>2.39<br>-2.00 | 47.75<br>2.55<br>-1.23 | 46.73<br>3.13<br>-0.15 | 40.82<br>2.92<br>0.00 | 43.90<br>3.21<br>0.00 | 44.96<br>3.25<br>0.00 | 46.48<br>3.44<br>0.00 | 50.74<br>2.78<br>0.00 | 53.53<br>2.93<br>0.00 | 60.26<br>3.09<br>0.00 | 81.51<br>5.26<br>0.00 | 111.94<br>8.33<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.38<br>5.97<br>-3.52 | 70.98<br>3.28<br>-2.08 | 51.33<br>1.99<br>-0.89 | 46.74<br>2.46<br>-0.31 | 41.30<br>2.36<br>-0.30 |
| RAVENSWOOD_GT_10<br>24258               | 35.96<br>2.32<br>0.00  | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00  | 28.24<br>1.55<br>0.00  | 29.68<br>1.52<br>0.00  | 33.60<br>1.78<br>0.00  | 41.00<br>2.21<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.64<br>3.04<br>-0.15 | 40.71<br>2.81<br>0.00 | 43.82<br>3.13<br>0.00 | 44.83<br>3.13<br>0.00 | 46.35<br>3.31<br>0.00 | 50.74<br>2.78<br>0.00 | 53.53<br>2.93<br>0.00 | 60.37<br>3.20<br>0.00 | 81.59<br>5.34<br>0.00 | 111.84<br>8.23<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.11<br>3.41<br>-2.08 | 51.43<br>2.08<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| RAVENSWOOD_GT_11<br>24259               | 35.96<br>2.32<br>0.00  | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00  | 28.24<br>1.55<br>0.00  | 29.68<br>1.52<br>0.00  | 33.60<br>1.78<br>0.00  | 41.00<br>2.21<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.64<br>3.04<br>-0.15 | 40.71<br>2.81<br>0.00 | 43.82<br>3.13<br>0.00 | 44.83<br>3.13<br>0.00 | 46.35<br>3.31<br>0.00 | 50.74<br>2.78<br>0.00 | 53.53<br>2.93<br>0.00 | 60.37<br>3.20<br>0.00 | 81.59<br>5.34<br>0.00 | 111.84<br>8.23<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.11<br>3.41<br>-2.08 | 51.43<br>2.08<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| RAVENSWOOD_GT_4<br>24252                | 35.92<br>2.29<br>0.01  | 31.83<br>2.00<br>0.01  | 29.28<br>1.63<br>0.01  | 28.21<br>1.52<br>0.01  | 29.64<br>1.49<br>0.01  | 33.57<br>1.75<br>0.01  | 40.96<br>2.17<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.64<br>3.04<br>-0.15 | 40.67<br>2.77<br>0.00 | 43.82<br>3.13<br>0.00 | 44.83<br>3.13<br>0.00 | 46.30<br>3.27<br>0.00 | 50.74<br>2.78<br>0.00 | 53.53<br>2.93<br>0.00 | 60.43<br>3.26<br>0.00 | 81.59<br>5.34<br>0.00 | 111.84<br>8.23<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.18<br>3.48<br>-2.08 | 51.43<br>2.08<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.07<br>2.13<br>-0.30 |
| RAVENSWOOD_GT_5<br>24254                | 35.92<br>2.29<br>0.01  | 31.83<br>2.00<br>0.01  | 29.28<br>1.63<br>0.01  | 28.21<br>1.52<br>0.01  | 29.64<br>1.49<br>0.01  | 33.57<br>1.75<br>0.01  | 40.96<br>2.17<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.64<br>3.04<br>-0.15 | 40.67<br>2.77<br>0.00 | 43.82<br>3.13<br>0.00 | 44.83<br>3.13<br>0.00 | 46.30<br>3.27<br>0.00 | 50.74<br>2.78<br>0.00 | 53.53<br>2.93<br>0.00 | 60.43<br>3.26<br>0.00 | 81.59<br>5.34<br>0.00 | 111.84<br>8.23<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.18<br>3.48<br>-2.08 | 51.43<br>2.08<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.07<br>2.13<br>-0.30 |
| RAVENSWOOD_GT_6<br>24253                | 35.92<br>2.29<br>0.01  | 31.83<br>2.00<br>0.01  | 29.28<br>1.63<br>0.01  | 28.21<br>1.52<br>0.01  | 29.64<br>1.49<br>0.01  | 33.57<br>1.75<br>0.01  | 40.96<br>2.17<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.64<br>3.04<br>-0.15 | 40.67<br>2.77<br>0.00 | 43.82<br>3.13<br>0.00 | 44.83<br>3.13<br>0.00 | 46.30<br>3.27<br>0.00 | 50.74<br>2.78<br>0.00 | 53.53<br>2.93<br>0.00 | 60.43<br>3.26<br>0.00 | 81.59<br>5.34<br>0.00 | 111.84<br>8.23<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.18<br>3.48<br>-2.08 | 51.43<br>2.08<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.07<br>2.13<br>-0.30 |
| RAVENSWOOD_GT_7<br>24255                | 35.92<br>2.29<br>0.01  | 31.83<br>2.00<br>0.01  | 29.28<br>1.63<br>0.01  | 28.21<br>1.52<br>0.01  | 29.64<br>1.49<br>0.01  | 33.57<br>1.75<br>0.01  | 40.96<br>2.17<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.64<br>3.04<br>-0.15 | 40.67<br>2.77<br>0.00 | 43.82<br>3.13<br>0.00 | 44.83<br>3.13<br>0.00 | 46.30<br>3.27<br>0.00 | 50.74<br>2.78<br>0.00 | 53.53<br>2.93<br>0.00 | 60.43<br>3.26<br>0.00 | 81.59<br>5.34<br>0.00 | 111.84<br>8.23<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.18<br>3.48<br>-2.08 | 51.43<br>2.08<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.07<br>2.13<br>-0.30 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11)<br>24256 | 35.96<br>2.32<br>0.00  | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00  | 28.24<br>1.55<br>0.00  | 29.68<br>1.52<br>0.00  | 33.60<br>1.78<br>0.00  | 41.00<br>2.21<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.64<br>3.04<br>-0.15 | 40.71<br>2.81<br>0.00 | 43.82<br>3.13<br>0.00 | 44.83<br>3.13<br>0.00 | 46.35<br>3.31<br>0.00 | 50.74<br>2.78<br>0.00 | 53.53<br>2.93<br>0.00 | 60.37<br>3.20<br>0.00 | 81.59<br>5.34<br>0.00 | 111.84<br>8.23<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.11<br>3.41<br>-2.08 | 51.43<br>2.08<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| RAVENSWOOD_GT_9<br>24257                | 35.96<br>2.32<br>0.00  | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00  | 28.24<br>1.55<br>0.00  | 29.68<br>1.52<br>0.00  | 33.60<br>1.78<br>0.00  | 41.00<br>2.21<br>-2.00 | 47.71<br>2.51<br>-1.23 | 46.64<br>3.04<br>-0.15 | 40.71<br>2.81<br>0.00 | 43.82<br>3.13<br>0.00 | 44.83<br>3.13<br>0.00 | 46.35<br>3.31<br>0.00 | 50.74<br>2.78<br>0.00 | 53.53<br>2.93<br>0.00 | 60.37<br>3.20<br>0.00 | 81.59<br>5.34<br>0.00 | 111.84<br>8.23<br>-1.99 | 121.34<br>8.33<br>-3.41 | 101.48<br>6.06<br>-3.52 | 71.11<br>3.41<br>-2.08 | 51.43<br>2.08<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.10<br>2.16<br>-0.30 |



|                                  |                        |                        |                        |                        |                        |                        |                         |                         |                        |                        |                        |                        |                        |                        |                        |                         |                        |                          |                           |                          |                          |                         |                        |                        |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|--------------------------|---------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|
| RAVENSWOOD___1<br>23533          | 36.14<br>2.49<br>-0.01 | 32.00<br>2.15<br>-0.01 | 29.43<br>1.77<br>-0.01 | 28.36<br>1.66<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.74<br>1.91<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.53<br>2.91<br>-0.17 | 40.79<br>2.88<br>0.00  | 43.66<br>2.97<br>0.00  | 44.79<br>3.09<br>0.00  | 46.17<br>3.14<br>0.00  | 50.79<br>2.83<br>0.00  | 53.51<br>2.88<br>-0.02 | 60.37<br>3.20<br>0.00   | 81.51<br>5.26<br>0.00  | 111.83<br>8.23<br>-1.99  | 121.23<br>8.22<br>-3.41   | 101.30<br>5.89<br>-3.52  | 70.98<br>3.28<br>-2.08   | 51.29<br>1.94<br>-0.89  | 46.65<br>2.37<br>-0.31 | 41.26<br>2.32<br>-0.30 |
| RAVENSWOOD___2<br>23534          | 36.07<br>2.42<br>-0.01 | 31.93<br>2.09<br>-0.01 | 29.38<br>1.72<br>-0.01 | 28.31<br>1.60<br>-0.01 | 29.74<br>1.58<br>-0.01 | 33.67<br>1.84<br>-0.01 | 41.08<br>2.28<br>-2.00  | 47.49<br>2.29<br>-1.23  | 46.27<br>2.65<br>-0.17 | 40.71<br>2.80<br>0.00  | 43.58<br>2.89<br>0.00  | 44.71<br>3.00<br>0.00  | 46.04<br>3.01<br>0.00  | 50.50<br>2.54<br>0.00  | 53.15<br>2.53<br>-0.02 | 59.97<br>2.80<br>0.00   | 80.90<br>4.65<br>0.00  | 111.02<br>7.41<br>-1.99  | 120.35<br>7.34<br>-3.41   | 100.55<br>5.14<br>-3.52  | 70.45<br>2.76<br>-2.08   | 50.90<br>1.55<br>-0.89  | 46.47<br>2.20<br>-0.31 | 41.18<br>2.24<br>-0.30 |
| RAVENSWOOD___3<br>23535          | 35.96<br>2.32<br>0.00  | 31.84<br>2.00<br>0.00  | 29.29<br>1.63<br>0.00  | 28.22<br>1.52<br>0.00  | 29.68<br>1.52<br>0.00  | 33.60<br>1.78<br>0.00  | 41.00<br>2.21<br>-2.00  | 47.71<br>2.51<br>-1.23  | 46.49<br>2.87<br>-0.17 | 40.67<br>2.77<br>0.00  | 43.62<br>2.93<br>0.00  | 44.71<br>3.00<br>0.00  | 46.09<br>3.06<br>0.00  | 50.79<br>2.83<br>0.00  | 53.51<br>2.88<br>-0.02 | 60.43<br>3.26<br>0.00   | 81.59<br>5.34<br>0.00  | 111.83<br>8.23<br>-1.99  | 121.34<br>8.33<br>-3.41   | 101.48<br>6.06<br>-3.52  | 71.11<br>3.41<br>-2.08   | 51.43<br>2.08<br>-0.89  | 46.56<br>2.29<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| RAVENSWOOD___4<br>23820          | 36.10<br>2.45<br>-0.01 | 31.99<br>2.15<br>-0.01 | 29.43<br>1.77<br>-0.01 | 28.33<br>1.63<br>-0.01 | 29.80<br>1.63<br>-0.01 | 33.74<br>1.91<br>-0.01 | 41.15<br>2.36<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.49<br>2.87<br>-0.17 | 40.79<br>2.88<br>0.00  | 43.66<br>2.97<br>0.00  | 44.79<br>3.09<br>0.00  | 46.17<br>3.14<br>0.00  | 50.79<br>2.83<br>0.00  | 53.46<br>2.83<br>-0.02 | 60.31<br>3.14<br>0.00   | 81.51<br>5.26<br>0.00  | 111.83<br>8.23<br>-1.99  | 121.23<br>8.22<br>-3.41   | 101.30<br>5.89<br>-3.52  | 70.91<br>3.21<br>-2.08   | 51.29<br>1.94<br>-0.89  | 46.65<br>2.37<br>-0.31 | 41.26<br>2.32<br>-0.30 |
| RCPL_TRUST___DRP<br>24196        | 36.00<br>2.35<br>0.00  | 31.87<br>2.03<br>0.00  | 29.31<br>1.66<br>0.00  | 28.24<br>1.55<br>0.00  | 29.68<br>1.52<br>0.00  | 33.60<br>1.78<br>0.00  | 41.04<br>2.24<br>-2.00  | 47.80<br>2.59<br>-1.23  | 46.68<br>3.09<br>-0.15 | 40.75<br>2.84<br>0.00  | 43.90<br>3.21<br>0.00  | 44.92<br>3.21<br>0.00  | 46.43<br>3.40<br>0.00  | 50.84<br>2.88<br>0.00  | 53.64<br>3.04<br>0.00  | 60.49<br>3.32<br>0.00   | 81.74<br>5.49<br>0.00  | 112.04<br>8.43<br>-1.99  | 121.56<br>8.55<br>-3.41   | 101.66<br>6.25<br>-3.52  | 71.24<br>3.54<br>-2.08   | 51.48<br>2.13<br>-0.89  | 46.65<br>2.37<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| RED___ROCHESTER<br>323720        | 33.27<br>-0.34<br>0.03 | 28.98<br>-0.33<br>0.53 | 27.37<br>-0.28<br>0.01 | 26.32<br>-0.27<br>0.11 | 27.89<br>-0.25<br>0.01 | 30.29<br>-0.35<br>1.19 | 36.75<br>-0.48<br>-0.43 | 45.07<br>-0.97<br>-2.07 | 42.87<br>-0.43<br>0.14 | 37.34<br>-0.45<br>0.11 | 40.49<br>-0.08<br>0.12 | 41.88<br>0.25<br>0.08  | 43.75<br>1.08<br>0.36  | 47.27<br>0.53<br>1.22  | 50.40<br>0.86<br>1.06  | 57.16<br>-0.06<br>-0.04 | 75.11<br>-1.14<br>0.00 | 101.31<br>-0.30<br>0.00  | 109.82<br>0.22<br>0.00    | 93.35<br>1.47<br>0.00    | 65.23<br>-0.39<br>0.00   | 48.75<br>0.29<br>0.00   | 43.93<br>-0.04<br>0.00 | 38.72<br>0.08<br>0.00  |
| REGAN___SOLAR<br>323812          | 35.22<br>1.58<br>0.00  | 31.27<br>1.43<br>0.00  | 29.04<br>1.38<br>0.00  | 28.06<br>1.36<br>0.00  | 29.59<br>1.44<br>0.00  | 33.63<br>1.81<br>0.00  | 46.38<br>2.36<br>-7.23  | 51.06<br>2.64<br>-4.45  | 45.38<br>1.39<br>-0.53 | 38.06<br>0.15<br>0.00  | 40.16<br>-0.53<br>0.00 | 40.96<br>-0.75<br>0.00 | 42.13<br>-0.91<br>0.00 | 46.86<br>-1.10<br>0.00 | 49.73<br>-0.86<br>0.01 | 57.06<br>-0.11<br>0.00  | 78.08<br>1.83<br>0.00  | 114.56<br>5.69<br>-7.26  | 130.72<br>8.66<br>-12.46  | 111.46<br>6.70<br>-12.87 | 77.35<br>4.14<br>-7.60   | 54.38<br>2.71<br>-3.21  | 47.37<br>2.29<br>-1.11 | 41.62<br>1.89<br>-1.09 |
| RENSSELAER___COGEN<br>23796      | 33.94<br>0.30<br>0.00  | 30.17<br>0.33<br>0.00  | 27.96<br>0.30<br>0.00  | 26.99<br>0.29<br>0.00  | 28.50<br>0.34<br>0.00  | 32.21<br>0.38<br>0.00  | -4.51<br>0.74<br>42.04  | 18.78<br>0.70<br>25.89  | 41.02<br>0.65<br>3.08  | 38.40<br>0.49<br>0.00  | 41.08<br>0.41<br>0.01  | 42.01<br>0.33<br>0.03  | 43.16<br>0.17<br>0.05  | 47.74<br>-0.10<br>0.13 | 50.31<br>-0.10<br>0.19 | 56.94<br>0.06<br>0.29   | 76.92<br>0.84<br>0.17  | 61.24<br>1.83<br>42.21   | 39.43<br>1.97<br>72.14    | 18.67<br>1.29<br>74.50   | 22.14<br>0.52<br>44.00   | 30.01<br>0.19<br>18.65  | 37.77<br>0.27<br>6.46  | 32.56<br>0.27<br>6.36  |
| REPUBLIC_115KV_BARTNBRK<br>55605 | 35.83<br>2.19<br>0.00  | 31.93<br>2.09<br>0.00  | 29.67<br>2.02<br>0.00  | 28.64<br>1.95<br>0.00  | 30.24<br>2.08<br>0.00  | 34.37<br>2.55<br>0.00  | 53.11<br>3.24<br>-13.07 | 55.81<br>3.78<br>-8.05  | 47.54<br>3.13<br>-0.96 | 39.73<br>1.82<br>0.00  | 42.15<br>1.46<br>0.00  | 43.21<br>1.50<br>0.00  | 44.58<br>1.55<br>0.00  | 49.40<br>1.44<br>0.00  | 52.47<br>1.87<br>0.00  | 59.80<br>2.63<br>0.00   | 81.51<br>5.26<br>0.00  | 123.77<br>9.04<br>-13.11 | 143.62<br>11.51<br>-22.52 | 124.05<br>8.91<br>-23.25 | 85.06<br>5.71<br>-13.73  | 57.99<br>3.73<br>-5.80  | 49.10<br>3.12<br>-2.01 | 43.20<br>2.59<br>-1.98 |
| REVERE_CPPR_DRP<br>24186         | 34.57<br>0.61<br>-0.32 | 30.46<br>0.63<br>0.00  | 28.42<br>0.61<br>-0.15 | 27.40<br>0.61<br>-0.09 | 28.94<br>0.62<br>-0.16 | 32.59<br>0.76<br>0.00  | 38.87<br>1.18<br>-0.90  | 46.75<br>1.67<br>-1.10  | 45.88<br>1.30<br>-1.13 | 39.63<br>0.83<br>-0.89 | 42.36<br>0.90<br>-0.78 | 43.46<br>0.92<br>-0.83 | 46.72<br>0.99<br>-2.70 | 51.96<br>1.01<br>-3.00 | 54.78<br>1.01<br>-3.17 | 62.23<br>1.49<br>-3.58  | 78.54<br>2.29<br>0.00  | 106.09<br>4.47<br>0.00   | 114.97<br>5.37<br>0.00    | 96.57<br>4.69<br>0.00    | 68.37<br>2.76<br>0.00    | 50.40<br>1.94<br>0.00   | 45.25<br>1.28<br>0.00  | 39.72<br>1.08<br>0.00  |
| REYNLDPA_13_KV_LD<br>356490      | 33.74<br>0.10<br>0.00  | 29.93<br>0.09<br>0.00  | 27.74<br>0.08<br>0.00  | 26.72<br>0.03<br>0.00  | 28.24<br>0.08<br>0.00  | 31.98<br>0.16<br>0.00  | 36.98<br>0.18<br>0.00   | 44.28<br>0.31<br>0.00   | 43.50<br>0.04<br>0.00  | 38.13<br>0.23<br>0.00  | 40.93<br>0.25<br>0.00  | 42.04<br>0.33<br>0.00  | 43.16<br>0.13<br>0.00  | 48.44<br>0.48<br>0.00  | 50.91<br>0.31<br>0.00  | 57.29<br>0.11<br>0.00   | 76.33<br>0.08<br>0.00  | 100.91<br>-0.71<br>0.00  | 108.72<br>-0.88<br>0.00   | 91.34<br>-0.55<br>0.00   | 66.08<br>0.46<br>0.00    | 48.80<br>0.34<br>0.00   | 44.28<br>0.31<br>0.00  | 38.75<br>0.12<br>0.00  |
| REYNOLDS_115KV_TB3<br>80639      | 34.38<br>0.74<br>0.00  | 30.52<br>0.69<br>0.00  | 28.26<br>0.61<br>0.00  | 27.31<br>0.61<br>0.00  | 28.80<br>0.65<br>0.00  | 32.55<br>0.73<br>0.00  | 72.70<br>1.14<br>-34.77 | 66.57<br>1.19<br>-21.41 | 47.26<br>1.26<br>-2.55 | 38.85<br>0.95<br>0.00  | 41.70<br>1.02<br>0.00  | 42.62<br>0.92<br>0.00  | 43.98<br>0.95<br>0.00  | 48.39<br>0.43<br>0.00  | 51.16<br>0.56<br>0.00  | 57.91<br>0.74<br>0.00   | 78.00<br>1.75<br>0.00  | 139.59<br>3.15<br>-34.82 | 172.79<br>3.40<br>-59.79  | 156.12<br>2.48<br>-61.75 | 103.40<br>1.31<br>-36.47 | 64.71<br>0.82<br>-15.42 | 50.15<br>0.84<br>-5.34 | 44.67<br>0.77<br>-5.26 |
| RIVERBAY____<br>323610           | 36.58<br>2.93<br>-0.01 | 32.41<br>2.57<br>-0.01 | 29.82<br>2.16<br>-0.01 | 28.73<br>2.03<br>-0.01 | 30.19<br>2.03<br>-0.01 | 34.15<br>2.32<br>-0.01 | 41.71<br>2.91<br>-2.00  | 48.28<br>3.08<br>-1.23  | 47.12<br>3.52<br>-0.15 | 41.13<br>3.22<br>0.00  | 44.10<br>3.42<br>0.00  | 45.17<br>3.46<br>0.00  | 46.73<br>3.70<br>0.00  | 51.03<br>3.07<br>0.00  | 53.79<br>3.19<br>0.00  | 60.54<br>3.37<br>0.00   | 82.05<br>5.80<br>0.00  | 112.65<br>9.04<br>-1.99  | 122.11<br>9.10<br>-3.41   | 102.03<br>6.62<br>-3.52  | 71.37<br>3.67<br>-2.08   | 51.67<br>2.33<br>-0.89  | 47.36<br>3.08<br>-0.31 | 41.85<br>2.90<br>-0.31 |
| RIVERSDE_115KV_TB3<br>55908      | 34.18<br>0.54<br>0.00  | 30.37<br>0.54<br>0.00  | 28.13<br>0.47<br>0.00  | 27.18<br>0.48<br>0.00  | 28.66<br>0.51<br>0.00  | 32.39<br>0.57<br>0.00  | 54.91<br>0.99<br>-17.12 | 55.52<br>1.01<br>-10.54 | 45.75<br>1.04<br>-1.26 | 38.66<br>0.76<br>0.00  | 41.46<br>0.77<br>0.00  | 42.42<br>0.71<br>0.00  | 43.72<br>0.69<br>0.00  | 48.15<br>0.19<br>0.00  | 50.90<br>0.30<br>0.00  | 57.63<br>0.46<br>0.00   | 77.62<br>1.37<br>0.00  | 121.32<br>2.54<br>-17.16 | 141.92<br>2.85<br>-29.47  | 124.34<br>2.02<br>-30.43 | 84.57<br>0.98<br>-17.97  | 56.59<br>0.53<br>-7.59  | 47.22<br>0.62<br>-2.63 | 41.77<br>0.54<br>-2.59 |
| ROARING___BROOK_WT_PWR<br>323790 | 32.73<br>-0.91<br>0.00 | 29.03<br>-0.80<br>0.00 | 26.91<br>-0.75<br>0.00 | 25.98<br>-0.72<br>0.00 | 27.42<br>-0.73<br>0.00 | 31.06<br>-0.76<br>0.00 | 35.99<br>-0.81<br>0.00  | 43.14<br>-0.84<br>0.00  | 42.75<br>-0.70<br>0.00 | 37.53<br>-0.38<br>0.00 | 40.40<br>-0.28<br>0.00 | 41.46<br>-0.25<br>0.00 | 42.69<br>-0.35<br>0.00 | 47.63<br>-0.33<br>0.00 | 50.14<br>-0.46<br>0.00 | 56.66<br>-0.52<br>0.00  | 75.64<br>-0.61<br>0.00 | 100.70<br>-0.92<br>0.00  | 108.61<br>-0.99<br>0.00   | 90.69<br>-1.20<br>0.00   | 64.63<br>-0.98<br>0.00   | 47.54<br>-0.92<br>0.00  | 43.04<br>-0.93<br>0.00 | 37.75<br>-0.89<br>0.00 |



|                                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                        |                         |                          |                          |                        |                        |                        |                        |
|----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|
| ROCHESRG_115KV_T4<br>355643            | 33.02<br>-0.57<br>0.05  | 28.79<br>-0.51<br>0.54  | 27.17<br>-0.47<br>0.02  | 26.16<br>-0.43<br>0.11  | 27.69<br>-0.45<br>0.02  | 30.04<br>-0.57<br>1.21  | 36.42<br>-0.77<br>-0.40 | 42.04<br>-1.45<br>0.48  | 41.91<br>-1.35<br>0.19  | 38.20<br>-0.95<br>-1.24 | 40.64<br>-1.14<br>-1.09 | 41.83<br>-1.04<br>-1.17 | 46.21<br>-0.60<br>-3.78 | 51.82<br>-0.34<br>-4.19  | 54.62<br>-0.40<br>-4.43  | 56.38<br>-0.69<br>0.11   | 74.27<br>-1.98<br>0.00 | 99.48<br>-2.13<br>0.00  | 108.28<br>-1.32<br>0.00  | 92.07<br>0.18<br>0.00    | 64.30<br>-1.31<br>0.00 | 48.07<br>-0.39<br>0.00 | 43.18<br>-0.79<br>0.00 | 38.29<br>-0.35<br>0.00 |
| ROCHESTER_9_IC<br>23652                | 33.17<br>-0.44<br>0.03  | 28.89<br>-0.42<br>0.53  | 27.26<br>-0.39<br>0.01  | 26.27<br>-0.32<br>0.11  | 27.81<br>-0.34<br>0.01  | 30.19<br>-0.45<br>1.19  | 36.60<br>-0.63<br>-0.43 | 42.31<br>-1.19<br>0.47  | 42.22<br>-1.09<br>0.14  | 38.44<br>-0.72<br>-1.26 | 40.90<br>-0.90<br>-1.11 | 42.10<br>-0.79<br>-1.18 | 46.52<br>-0.34<br>-3.83 | 52.21<br>0.00<br>-4.25   | 55.09<br>0.00<br>-4.49   | 56.98<br>-0.23<br>-0.04  | 74.88<br>-1.37<br>0.00 | 100.30<br>-1.32<br>0.00 | 109.16<br>-0.44<br>0.00  | 92.81<br>0.92<br>0.00    | 64.83<br>-0.79<br>0.00 | 48.41<br>-0.05<br>0.00 | 43.49<br>-0.48<br>0.00 | 38.52<br>-0.12<br>0.00 |
| ROCKVIEW_13_KV_LD<br>356306            | 35.86<br>2.22<br>0.00   | 31.75<br>1.91<br>0.00   | 29.23<br>1.58<br>0.00   | 28.19<br>1.49<br>0.00   | 29.62<br>1.46<br>0.00   | 33.54<br>1.72<br>0.00   | 41.00<br>2.21<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.64<br>3.04<br>-0.15  | 40.67<br>2.77<br>0.00   | 43.82<br>3.13<br>0.00   | 44.79<br>3.09<br>0.00   | 46.30<br>3.27<br>0.00   | 50.79<br>2.83<br>0.00    | 53.53<br>2.93<br>0.00    | 60.49<br>3.32<br>0.00    | 81.66<br>5.41<br>0.00  | 111.94<br>8.33<br>-1.99 | 121.45<br>8.44<br>-3.41  | 101.66<br>6.25<br>-3.52  | 71.31<br>3.61<br>-2.08 | 51.53<br>2.18<br>-0.89 | 46.61<br>2.33<br>-0.31 | 41.07<br>2.13<br>-0.30 |
| ROME____115KV_TB2<br>80656             | 34.57<br>0.61<br>-0.32  | 30.46<br>0.63<br>0.00   | 28.42<br>0.61<br>-0.15  | 27.40<br>0.61<br>-0.09  | 28.94<br>0.62<br>-0.16  | 32.59<br>0.76<br>0.00   | 38.87<br>1.18<br>-0.90  | 46.75<br>1.67<br>-1.10  | 45.88<br>1.30<br>-1.13  | 39.63<br>0.83<br>-0.89  | 42.36<br>0.90<br>-0.78  | 43.46<br>0.92<br>-0.83  | 46.72<br>0.99<br>-2.70  | 51.96<br>1.01<br>-3.00   | 54.78<br>1.01<br>-3.17   | 62.23<br>1.49<br>-3.58   | 78.54<br>2.29<br>0.00  | 106.09<br>4.47<br>0.00  | 114.97<br>5.37<br>0.00   | 96.57<br>4.69<br>0.00    | 68.37<br>2.76<br>0.00  | 50.40<br>1.94<br>0.00  | 45.25<br>1.28<br>0.00  | 39.72<br>1.08<br>0.00  |
| ROSETON___1<br>23587                   | 35.22<br>1.58<br>0.00   | 31.21<br>1.37<br>0.00   | 28.82<br>1.16<br>0.00   | 27.84<br>1.15<br>0.00   | 29.28<br>1.13<br>0.00   | 33.13<br>1.31<br>0.00   | 40.31<br>1.69<br>-1.82  | 47.07<br>1.98<br>-1.12  | 45.93<br>2.30<br>-0.18  | 39.99<br>2.08<br>0.00   | 42.88<br>2.20<br>0.00   | 43.91<br>2.21<br>0.00   | 45.18<br>2.15<br>0.00   | 49.88<br>1.92<br>0.00    | 52.55<br>1.92<br>-0.02   | 59.40<br>2.23<br>0.00    | 80.06<br>3.81<br>0.00  | 109.63<br>6.10<br>-1.91 | 119.02<br>6.13<br>-3.28  | 99.69<br>4.41<br>-3.39   | 70.05<br>2.43<br>-2.00 | 50.77<br>1.50<br>-0.81 | 45.92<br>1.67<br>-0.28 | 40.50<br>1.58<br>-0.28 |
| ROSETON___2<br>23588                   | 35.22<br>1.58<br>0.00   | 31.21<br>1.37<br>0.00   | 28.82<br>1.16<br>0.00   | 27.84<br>1.15<br>0.00   | 29.28<br>1.13<br>0.00   | 33.13<br>1.31<br>0.00   | 40.31<br>1.69<br>-1.82  | 47.07<br>1.98<br>-1.12  | 45.93<br>2.30<br>-0.18  | 39.99<br>2.08<br>0.00   | 42.88<br>2.20<br>0.00   | 43.91<br>2.21<br>0.00   | 45.18<br>2.15<br>0.00   | 49.88<br>1.92<br>0.00    | 52.55<br>1.92<br>-0.02   | 59.40<br>2.23<br>0.00    | 80.06<br>3.81<br>0.00  | 109.63<br>6.10<br>-1.91 | 119.02<br>6.13<br>-3.28  | 99.69<br>4.41<br>-3.39   | 70.05<br>2.43<br>-2.00 | 50.77<br>1.50<br>-0.81 | 45.92<br>1.67<br>-0.28 | 40.50<br>1.58<br>-0.28 |
| ROTRDAM_115KV_TB3<br>80664             | 34.52<br>0.87<br>0.00   | 30.61<br>0.78<br>0.00   | 28.37<br>0.72<br>0.00   | 27.42<br>0.72<br>0.00   | 28.92<br>0.76<br>0.00   | 32.68<br>0.86<br>0.00   | 46.09<br>1.14<br>-8.15  | 50.27<br>1.28<br>-5.02  | 45.27<br>1.22<br>-0.60  | 38.78<br>0.87<br>0.00   | 41.54<br>0.85<br>0.00   | 42.54<br>0.83<br>0.00   | 43.89<br>0.86<br>0.00   | 48.58<br>0.62<br>0.00    | 51.31<br>0.71<br>0.00    | 58.14<br>0.97<br>0.00    | 78.16<br>1.91<br>0.00  | 113.15<br>3.35<br>-8.18 | 127.48<br>3.84<br>-14.05 | 109.34<br>2.94<br>-14.51 | 75.89<br>1.71<br>-8.57 | 53.19<br>1.11<br>-3.62 | 46.28<br>1.06<br>-1.25 | 40.84<br>0.97<br>-1.23 |
| RUSSELL___1<br>23602                   | 33.27<br>-0.34<br>0.03  | 28.98<br>-0.33<br>0.53  | 27.37<br>-0.28<br>0.01  | 26.35<br>-0.24<br>0.11  | 27.89<br>-0.25<br>0.01  | 30.29<br>-0.35<br>1.19  | 36.75<br>-0.48<br>-0.43 | 42.53<br>-0.97<br>0.47  | 42.44<br>-0.87<br>0.14  | 38.67<br>-0.49<br>-1.26 | 41.10<br>-0.69<br>-1.11 | 42.31<br>-0.58<br>-1.18 | 46.78<br>-0.09<br>-3.83 | 52.50<br>0.29<br>-4.25   | 55.39<br>0.30<br>-4.49   | 57.33<br>0.11<br>-0.04   | 75.26<br>-0.99<br>0.00 | 100.91<br>-0.71<br>0.00 | 109.82<br>0.22<br>0.00   | 93.36<br>1.47<br>0.00    | 65.22<br>-0.39<br>0.00 | 48.75<br>0.29<br>0.00  | 43.71<br>-0.26<br>0.00 | 38.72<br>0.08<br>0.00  |
| RUSSELL___2<br>23532                   | 33.27<br>-0.34<br>0.03  | 28.98<br>-0.33<br>0.53  | 27.37<br>-0.28<br>0.01  | 26.35<br>-0.24<br>0.11  | 27.89<br>-0.25<br>0.01  | 30.29<br>-0.35<br>1.19  | 36.75<br>-0.48<br>-0.43 | 42.53<br>-0.97<br>0.47  | 42.44<br>-0.87<br>0.14  | 38.67<br>-0.49<br>-1.26 | 41.10<br>-0.69<br>-1.11 | 42.31<br>-0.58<br>-1.18 | 46.78<br>-0.09<br>-3.83 | 52.50<br>0.29<br>-4.25   | 55.39<br>0.30<br>-4.49   | 57.33<br>0.11<br>-0.04   | 75.26<br>-0.99<br>0.00 | 100.91<br>-0.71<br>0.00 | 109.82<br>0.22<br>0.00   | 93.36<br>1.47<br>0.00    | 65.22<br>-0.39<br>0.00 | 48.75<br>0.29<br>0.00  | 43.71<br>-0.26<br>0.00 | 38.72<br>0.08<br>0.00  |
| RUSSELL___3<br>23549                   | 33.27<br>-0.34<br>0.03  | 28.98<br>-0.33<br>0.53  | 27.37<br>-0.28<br>0.01  | 26.35<br>-0.24<br>0.11  | 27.89<br>-0.25<br>0.01  | 30.29<br>-0.35<br>1.19  | 36.75<br>-0.48<br>-0.43 | 42.53<br>-0.97<br>0.47  | 42.44<br>-0.87<br>0.14  | 38.67<br>-0.49<br>-1.26 | 41.10<br>-0.69<br>-1.11 | 42.31<br>-0.58<br>-1.18 | 46.78<br>-0.09<br>-3.83 | 52.50<br>0.29<br>-4.25   | 55.39<br>0.30<br>-4.49   | 57.33<br>0.11<br>-0.04   | 75.26<br>-0.99<br>0.00 | 100.91<br>-0.71<br>0.00 | 109.82<br>0.22<br>0.00   | 93.36<br>1.47<br>0.00    | 65.22<br>-0.39<br>0.00 | 48.75<br>0.29<br>0.00  | 43.71<br>-0.26<br>0.00 | 38.72<br>0.08<br>0.00  |
| RUSSELL___4<br>23556                   | 33.27<br>-0.34<br>0.03  | 28.98<br>-0.33<br>0.53  | 27.37<br>-0.28<br>0.01  | 26.35<br>-0.24<br>0.11  | 27.89<br>-0.25<br>0.01  | 30.29<br>-0.35<br>1.19  | 36.75<br>-0.48<br>-0.43 | 42.53<br>-0.97<br>0.47  | 42.44<br>-0.87<br>0.14  | 38.67<br>-0.49<br>-1.26 | 41.10<br>-0.69<br>-1.11 | 42.31<br>-0.58<br>-1.18 | 46.78<br>-0.09<br>-3.83 | 52.50<br>0.29<br>-4.25   | 55.39<br>0.30<br>-4.49   | 57.33<br>0.11<br>-0.04   | 75.26<br>-0.99<br>0.00 | 100.91<br>-0.71<br>0.00 | 109.82<br>0.22<br>0.00   | 93.36<br>1.47<br>0.00    | 65.22<br>-0.39<br>0.00 | 48.75<br>0.29<br>0.00  | 43.71<br>-0.26<br>0.00 | 38.72<br>0.08<br>0.00  |
| RUSSELL___STATION<br>23914             | 33.27<br>-0.34<br>0.03  | 28.98<br>-0.33<br>0.53  | 27.37<br>-0.28<br>0.01  | 26.35<br>-0.24<br>0.11  | 27.89<br>-0.25<br>0.01  | 30.29<br>-0.35<br>1.19  | 36.75<br>-0.48<br>-0.43 | 42.53<br>-0.97<br>0.47  | 42.44<br>-0.87<br>0.14  | 38.67<br>-0.49<br>-1.26 | 41.10<br>-0.69<br>-1.11 | 42.31<br>-0.58<br>-1.18 | 46.78<br>-0.09<br>-3.83 | 52.50<br>0.29<br>-4.25   | 55.39<br>0.30<br>-4.49   | 57.33<br>0.11<br>-0.04   | 75.26<br>-0.99<br>0.00 | 100.91<br>-0.71<br>0.00 | 109.82<br>0.22<br>0.00   | 93.36<br>1.47<br>0.00    | 65.22<br>-0.39<br>0.00 | 48.75<br>0.29<br>0.00  | 43.71<br>-0.26<br>0.00 | 38.72<br>0.08<br>0.00  |
| S SALMON___HYD<br>24043                | 34.50<br>-0.23<br>-1.09 | 29.78<br>-0.18<br>-0.12 | 28.04<br>-0.14<br>-0.53 | 26.88<br>-0.13<br>-0.31 | 28.55<br>-0.17<br>-0.56 | 31.97<br>-0.13<br>-0.28 | 39.82<br>0.07<br>-2.95  | 49.89<br>0.22<br>-5.70  | 47.54<br>0.09<br>-4.00  | 40.90<br>-0.15<br>-3.14 | 43.34<br>-0.12<br>-2.78 | 43.88<br>0.00<br>-2.17  | 52.58<br>-0.04<br>-9.59 | 58.60<br>-0.24<br>-10.88 | 61.72<br>-0.30<br>-11.43 | 69.43<br>-0.28<br>-12.54 | 75.80<br>-0.45<br>0.00 | 101.92<br>0.31<br>0.00  | 110.58<br>0.98<br>0.00   | 93.08<br>1.19<br>0.00    | 66.08<br>0.46<br>0.00  | 48.80<br>0.34<br>0.00  | 43.97<br>0.00<br>0.00  | 38.56<br>-0.08<br>0.00 |
| S.PERRY__115KV_TB1<br>80734            | 33.96<br>0.20<br>-0.12  | 29.56<br>0.12<br>0.40   | 27.88<br>0.17<br>-0.06  | 26.81<br>0.16<br>0.04   | 28.42<br>0.20<br>-0.06  | 31.15<br>0.22<br>0.90   | 37.78<br>0.26<br>-0.73  | 44.80<br>0.18<br>-0.65  | 43.68<br>-0.13<br>-0.36 | 39.02<br>-0.23<br>-1.34 | 41.26<br>-0.61<br>-1.18 | 42.34<br>-0.63<br>-1.26 | 46.91<br>-0.22<br>-4.09 | 52.79<br>0.29<br>-4.54   | 55.90<br>0.51<br>-4.79   | 59.33<br>0.63<br>-1.53   | 76.63<br>0.38<br>0.00  | 103.85<br>2.24<br>0.00  | 114.20<br>4.60<br>0.00   | 97.22<br>5.33<br>0.00    | 67.45<br>1.84<br>0.00  | 50.16<br>1.70<br>0.00  | 44.81<br>0.84<br>0.00  | 39.57<br>0.93<br>0.00  |
| SAWYER_23_KV_LOAD_REV_LBMP_A<br>345024 | 32.74<br>-0.94<br>-0.04 | 28.51<br>-0.87<br>0.46  | 26.74<br>-0.94<br>-0.02 | 25.95<br>-0.67<br>0.07  | 27.34<br>-0.84<br>-0.02 | 29.68<br>-1.11<br>1.02  | 35.36<br>-1.99<br>-0.55 | 41.12<br>-3.21<br>-0.36 | 40.68<br>-2.87<br>-0.09 | 36.85<br>-2.31<br>-1.26 | 39.28<br>-2.52<br>-1.11 | 40.52<br>-2.38<br>-1.19 | 45.07<br>-1.81<br>-3.84 | 50.74<br>-1.49<br>-4.26  | 53.28<br>-1.82<br>-4.50  | 55.15<br>-2.74<br>-0.72  | 71.14<br>-5.11<br>0.00 | 95.11<br>-6.50<br>0.00  | 104.45<br>-5.15<br>0.00  | 88.86<br>-3.03<br>0.00   | 61.68<br>-3.94<br>0.00 | 46.52<br>-1.94<br>0.00 | 41.90<br>-2.07<br>0.00 | 37.56<br>-1.08<br>0.00 |



|                                |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                           |                           |                           |                           |                        |                         |                         |                        |                         |                         |                        |                        |
|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|
| SAWYER___23_KV_LOAD<br>55526   | 32.74<br>-0.94<br>-0.04 | 28.51<br>-0.87<br>0.46  | 26.74<br>-0.94<br>-0.02 | 25.95<br>-0.67<br>0.07  | 27.34<br>-0.84<br>-0.02 | 29.68<br>-1.11<br>1.02  | 35.36<br>-1.99<br>-0.55 | 41.12<br>-3.21<br>-0.36 | 40.68<br>-2.87<br>-0.09 | 36.85<br>-2.31<br>-1.26 | 39.28<br>-2.52<br>-1.11 | 40.52<br>-2.38<br>-1.19 | 45.07<br>-1.81<br>-3.84   | 50.74<br>-1.49<br>-4.26   | 53.28<br>-1.82<br>-4.50   | 55.15<br>-2.74<br>-0.72   | 71.14<br>-5.11<br>0.00 | 95.11<br>-6.50<br>0.00  | 104.45<br>-5.15<br>0.00 | 88.86<br>-3.03<br>0.00 | 61.68<br>-3.94<br>0.00  | 46.52<br>-1.94<br>0.00  | 41.90<br>-2.07<br>0.00 | 37.56<br>-1.08<br>0.00 |
| SELKIRK___I<br>23801           | 33.57<br>-0.07<br>0.00  | 29.81<br>-0.03<br>0.00  | 27.66<br>0.00<br>0.00   | 26.70<br>0.00<br>0.00   | 28.16<br>0.00<br>0.00   | 31.82<br>0.00<br>0.00   | 15.95<br>0.26<br>21.10  | 31.11<br>0.13<br>13.00  | 41.82<br>-0.09<br>1.55  | 37.64<br>-0.26<br>0.00  | 40.08<br>-0.41<br>0.20  | 40.69<br>-0.50<br>0.52  | 41.48<br>-0.64<br>0.91    | 44.59<br>-0.96<br>2.41    | 46.34<br>-1.01<br>3.25    | 50.91<br>-0.86<br>5.41    | 72.73<br>-0.38<br>3.14 | 77.28<br>0.41<br>24.74  | 73.94<br>0.55<br>36.21  | 54.68<br>0.18<br>37.39 | 43.34<br>-0.20<br>22.08 | 38.81<br>-0.29<br>9.36  | 40.51<br>-0.22<br>3.24 | 35.33<br>-0.12<br>3.19 |
| SELKIRK___II<br>23799          | 33.78<br>0.14<br>0.00   | 30.02<br>0.18<br>0.00   | 27.79<br>0.14<br>0.00   | 26.86<br>0.16<br>0.00   | 28.33<br>0.17<br>0.00   | 31.98<br>0.16<br>0.00   | 12.88<br>0.48<br>24.39  | 29.34<br>0.39<br>15.02  | 41.97<br>0.31<br>1.79   | 38.17<br>0.27<br>0.00   | 40.22<br>0.16<br>0.63   | 40.22<br>0.13<br>1.61   | 40.22<br>0.00<br>2.81     | 40.22<br>-0.29<br>7.45    | 40.22<br>-0.35<br>10.03   | 40.22<br>-0.23<br>16.72   | 66.85<br>0.31<br>9.71  | 66.85<br>0.91<br>35.68  | 68.73<br>0.98<br>41.85  | 49.31<br>0.65<br>43.22 | 40.22<br>0.13<br>25.53  | 37.59<br>-0.05<br>10.82 | 40.22<br>0.00<br>3.75  | 35.03<br>0.08<br>3.69  |
| SENECA OSWGO___HYD<br>24041    | 34.78<br>-0.50<br>-1.64 | 29.78<br>-0.42<br>-0.36 | 28.06<br>-0.39<br>-0.79 | 26.83<br>-0.37<br>-0.50 | 28.58<br>-0.42<br>-0.84 | 32.17<br>-0.45<br>-0.80 | 40.67<br>-0.40<br>-4.28 | 51.57<br>-0.44<br>-8.04 | 49.38<br>-0.35<br>-6.27 | 42.42<br>-0.42<br>-4.93 | 44.64<br>-0.41<br>-4.36 | 46.05<br>-0.46<br>-4.80 | 57.81<br>-0.26<br>-15.03  | 64.77<br>-0.57<br>-17.38  | 68.31<br>-0.46<br>-18.17  | 76.12<br>-0.52<br>-19.47  | 75.34<br>-0.91<br>0.00 | 101.01<br>-0.61<br>0.00 | 108.94<br>-0.65<br>0.00 | 91.80<br>-0.09<br>0.00 | 65.02<br>-0.59<br>0.00  | 47.98<br>-0.48<br>0.00  | 43.40<br>-0.57<br>0.00 | 38.14<br>-0.50<br>0.00 |
| SENECA___115KV_TB3<br>355854   | 32.93<br>-0.77<br>-0.06 | 28.62<br>-0.78<br>0.44  | 26.86<br>-0.83<br>-0.03 | 26.04<br>-0.59<br>0.06  | 27.43<br>-0.76<br>-0.03 | 29.85<br>-0.99<br>0.98  | 35.62<br>-1.77<br>-0.59 | 41.60<br>-2.81<br>-0.44 | 41.14<br>-2.48<br>-0.16 | 37.17<br>-2.01<br>-1.27 | 39.61<br>-2.20<br>-1.12 | 40.86<br>-2.04<br>-1.20 | 45.49<br>-1.42<br>-3.88   | 51.16<br>-1.10<br>-4.30   | 53.78<br>-1.37<br>-4.54   | 55.87<br>-2.23<br>-0.93   | 71.90<br>-4.35<br>0.00 | 96.33<br>-5.28<br>0.00  | 105.98<br>-3.62<br>0.00 | 90.05<br>-1.84<br>0.00 | 62.40<br>-3.22<br>0.00  | 46.96<br>-1.50<br>0.00  | 42.26<br>-1.71<br>0.00 | 37.83<br>-0.81<br>0.00 |
| SENECA___ENERGY<br>23797       | 34.11<br>-0.20<br>-0.67 | 29.50<br>-0.21<br>0.13  | 27.82<br>-0.16<br>-0.33 | 26.69<br>-0.16<br>-0.16 | 28.34<br>-0.17<br>-0.35 | 31.37<br>-0.16<br>0.30  | 38.74<br>-0.07<br>-2.02 | 48.23<br>-0.22<br>-4.48 | 46.26<br>0.00<br>-2.81  | 40.00<br>-0.11<br>-2.21 | 42.55<br>-0.08<br>-1.95 | 43.75<br>-0.04<br>-2.09 | 50.15<br>0.39<br>-6.73    | 55.44<br>0.00<br>-7.48    | 58.70<br>0.20<br>-7.89    | 66.09<br>0.00<br>-8.92    | 75.95<br>-0.30<br>0.00 | 101.92<br>0.31<br>0.00  | 110.37<br>0.77<br>0.00  | 93.35<br>1.47<br>0.00  | 65.75<br>0.13<br>0.00   | 48.61<br>0.15<br>0.00   | 43.79<br>-0.18<br>0.00 | 38.52<br>-0.12<br>0.00 |
| SHOEMAKER___GT<br>23640        | 35.12<br>1.48<br>0.00   | 31.12<br>1.28<br>0.00   | 28.73<br>1.08<br>0.00   | 27.76<br>1.07<br>0.00   | 29.20<br>1.04<br>0.00   | 33.00<br>1.18<br>0.00   | 40.04<br>1.58<br>-1.67  | 46.89<br>1.89<br>-1.03  | 45.71<br>2.13<br>-0.13  | 39.88<br>1.97<br>0.00   | 42.72<br>2.03<br>0.00   | 43.75<br>2.04<br>0.00   | 45.18<br>2.15<br>0.00     | 49.93<br>1.97<br>0.00     | 52.65<br>2.03<br>-0.02    | 59.57<br>2.40<br>0.00     | 80.29<br>4.04<br>0.00  | 109.86<br>6.71<br>-1.53 | 119.25<br>7.02<br>-2.63 | 99.75<br>5.14<br>-2.72 | 70.04<br>2.82<br>-1.61  | 50.94<br>1.74<br>-0.74  | 45.99<br>1.76<br>-0.26 | 40.48<br>1.58<br>-0.25 |
| SHOEMAKR_138KV_BK 111<br>55601 | 35.12<br>1.48<br>0.00   | 31.12<br>1.28<br>0.00   | 28.73<br>1.08<br>0.00   | 27.76<br>1.07<br>0.00   | 29.20<br>1.04<br>0.00   | 33.00<br>1.18<br>0.00   | 40.03<br>1.58<br>-1.65  | 46.88<br>1.89<br>-1.02  | 45.83<br>2.26<br>-0.12  | 39.91<br>2.01<br>0.00   | 42.92<br>2.24<br>0.00   | 43.87<br>2.17<br>0.00   | 45.36<br>2.32<br>0.00     | 49.93<br>1.97<br>0.00     | 52.67<br>2.07<br>0.00     | 59.57<br>2.40<br>0.00     | 80.29<br>4.04<br>0.00  | 109.84<br>6.71<br>-1.51 | 119.10<br>6.90<br>-2.60 | 99.72<br>5.15<br>-2.68 | 69.96<br>2.76<br>-1.59  | 50.89<br>1.70<br>-0.73  | 46.03<br>1.80<br>-0.25 | 40.47<br>1.58<br>-0.25 |
| SHOREHAM_IC_1<br>23715         | 35.19<br>1.55<br>0.00   | 31.00<br>1.16<br>0.00   | 28.48<br>0.83<br>0.00   | 27.20<br>0.51<br>0.00   | 28.69<br>0.53<br>0.00   | 32.62<br>0.80<br>0.00   | 39.90<br>1.10<br>-2.00  | 45.85<br>0.66<br>-1.21  | 44.47<br>0.87<br>-0.15  | 39.65<br>1.74<br>0.00   | 42.19<br>1.51<br>0.00   | 28.02<br>1.21<br>14.90  | 41.55<br>0.91<br>2.39     | 46.72<br>0.72<br>1.96     | 49.18<br>0.86<br>2.28     | 51.57<br>1.20<br>6.81     | 60.86<br>2.29<br>17.67 | 68.51<br>4.27<br>37.37  | 73.76<br>4.06<br>39.89  | 64.01<br>2.30<br>30.18 | 51.98<br>0.85<br>14.49  | 49.28<br>0.19<br>-0.63  | 44.66<br>0.39<br>-0.30 | 40.33<br>1.39<br>-0.30 |
| SHOREHAM_IC_2<br>23716         | 35.19<br>1.55<br>0.00   | 31.00<br>1.16<br>0.00   | 28.48<br>0.83<br>0.00   | 27.23<br>0.53<br>0.00   | 28.69<br>0.53<br>0.00   | 32.62<br>0.80<br>0.00   | 39.93<br>1.14<br>-2.00  | 45.89<br>0.70<br>-1.21  | 44.63<br>1.04<br>-0.13  | 39.73<br>1.82<br>0.00   | 42.68<br>1.99<br>0.00   | 28.73<br>1.92<br>14.90  | 42.45<br>1.81<br>2.39     | 46.68<br>0.67<br>1.96     | 49.26<br>0.96<br>2.30     | 51.68<br>1.31<br>6.81     | 60.79<br>2.21<br>17.67 | 68.51<br>4.27<br>37.37  | 73.87<br>4.16<br>39.89  | 64.10<br>2.39<br>30.18 | 51.98<br>0.85<br>14.49  | 49.28<br>0.19<br>-0.63  | 44.75<br>0.48<br>-0.30 | 40.33<br>1.39<br>-0.30 |
| SISSONVILLE____<br>23735       | 33.92<br>0.13<br>-0.15  | 30.02<br>0.18<br>0.00   | 27.87<br>0.14<br>-0.07  | 26.79<br>0.05<br>-0.04  | 28.37<br>0.14<br>-0.08  | 32.11<br>0.29<br>0.00   | 37.88<br>0.66<br>-0.42  | 45.75<br>1.01<br>-0.76  | 44.54<br>0.48<br>-0.61  | 38.84<br>0.45<br>-0.48  | 41.64<br>0.53<br>-0.42  | 42.99<br>0.83<br>-0.45  | 44.96<br>0.47<br>-1.45    | 50.34<br>0.77<br>-1.61    | 52.71<br>0.40<br>-1.70    | 59.21<br>0.11<br>-1.93    | 76.25<br>0.00<br>0.00  | 101.01<br>-0.61<br>0.00 | 108.83<br>-0.77<br>0.00 | 91.52<br>-0.37<br>0.00 | 66.27<br>0.66<br>0.00   | 49.24<br>0.78<br>0.00   | 44.72<br>0.75<br>0.00  | 38.99<br>0.35<br>0.00  |
| SITHE_IND_GS1<br>24169         | 22.02<br>-0.94<br>10.68 | 21.82<br>-0.84<br>7.18  | 21.82<br>-0.75<br>5.09  | 21.82<br>-0.72<br>4.16  | 21.93<br>-0.79<br>5.44  | 14.91<br>-0.89<br>16.02 | 12.78<br>-0.96<br>23.06 | 5.91<br>-1.10<br>36.96  | -5.39<br>-1.00<br>47.84 | -0.59<br>-0.95<br>37.55 | 6.29<br>-0.98<br>33.42  | 5.67<br>-1.04<br>35.00  | -72.66<br>-0.91<br>114.78 | -94.60<br>-1.20<br>141.36 | -96.12<br>-1.21<br>145.50 | -87.44<br>-1.43<br>143.18 | 74.27<br>-1.98<br>0.00 | 99.28<br>-2.33<br>0.00  | 107.19<br>-2.41<br>0.00 | 90.14<br>-1.75<br>0.00 | 64.04<br>-1.58<br>0.00  | 47.30<br>-1.16<br>0.00  | 42.83<br>-1.14<br>0.00 | 37.63<br>-1.00<br>0.00 |
| SITHE_IND_GS2<br>24170         | 22.02<br>-0.94<br>10.68 | 21.82<br>-0.84<br>7.18  | 21.82<br>-0.75<br>5.09  | 21.82<br>-0.72<br>4.16  | 21.93<br>-0.79<br>5.44  | 14.91<br>-0.89<br>16.02 | 12.78<br>-0.96<br>23.06 | 5.91<br>-1.10<br>36.96  | -5.39<br>-1.00<br>47.84 | -0.59<br>-0.95<br>37.55 | 6.29<br>-0.98<br>33.42  | 5.67<br>-1.04<br>35.00  | -72.66<br>-0.91<br>114.78 | -94.60<br>-1.20<br>141.36 | -96.12<br>-1.21<br>145.50 | -87.44<br>-1.43<br>143.18 | 74.27<br>-1.98<br>0.00 | 99.28<br>-2.33<br>0.00  | 107.19<br>-2.41<br>0.00 | 90.14<br>-1.75<br>0.00 | 64.04<br>-1.58<br>0.00  | 47.30<br>-1.16<br>0.00  | 42.83<br>-1.14<br>0.00 | 37.63<br>-1.00<br>0.00 |
| SITHE_IND_GS3<br>24171         | 22.02<br>-0.94<br>10.68 | 21.82<br>-0.84<br>7.18  | 21.82<br>-0.75<br>5.09  | 21.82<br>-0.72<br>4.16  | 21.93<br>-0.79<br>5.44  | 14.91<br>-0.89<br>16.02 | 12.78<br>-0.96<br>23.06 | 5.91<br>-1.10<br>36.96  | -5.39<br>-1.00<br>47.84 | -0.59<br>-0.95<br>37.55 | 6.29<br>-0.98<br>33.42  | 5.67<br>-1.04<br>35.00  | -72.66<br>-0.91<br>114.78 | -94.60<br>-1.20<br>141.36 | -96.12<br>-1.21<br>145.50 | -87.44<br>-1.43<br>143.18 | 74.27<br>-1.98<br>0.00 | 99.28<br>-2.33<br>0.00  | 107.19<br>-2.41<br>0.00 | 90.14<br>-1.75<br>0.00 | 64.04<br>-1.58<br>0.00  | 47.30<br>-1.16<br>0.00  | 42.83<br>-1.14<br>0.00 | 37.63<br>-1.00<br>0.00 |
| SITHE_IND_GS4<br>24172         | 22.02<br>-0.94<br>10.68 | 21.82<br>-0.84<br>7.18  | 21.82<br>-0.75<br>5.09  | 21.82<br>-0.72<br>4.16  | 21.93<br>-0.79<br>5.44  | 14.91<br>-0.89<br>16.02 | 12.78<br>-0.96<br>23.06 | 5.91<br>-1.10<br>36.96  | -5.39<br>-1.00<br>47.84 | -0.59<br>-0.95<br>37.55 | 6.29<br>-0.98<br>33.42  | 5.67<br>-1.04<br>35.00  | -72.66<br>-0.91<br>114.78 | -94.60<br>-1.20<br>141.36 | -96.12<br>-1.21<br>145.50 | -87.44<br>-1.43<br>143.18 | 74.27<br>-1.98<br>0.00 | 99.28<br>-2.33<br>0.00  | 107.19<br>-2.41<br>0.00 | 90.14<br>-1.75<br>0.00 | 64.04<br>-1.58<br>0.00  | 47.30<br>-1.16<br>0.00  | 42.83<br>-1.14<br>0.00 | 37.63<br>-1.00<br>0.00 |



|                               |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                           |                        |                          |                          |                          |                         |                        |                        |                        |
|-------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| SITHE___BATAVIA<br>24024      | 33.11<br>-0.54<br>-0.01 | 28.84<br>-0.51<br>0.49 | 27.17<br>-0.50<br>-0.01 | 26.24<br>-0.37<br>0.09 | 27.75<br>-0.42<br>-0.01 | 30.13<br>-0.61<br>1.09  | 36.17<br>-1.14<br>-0.51 | 44.21<br>-1.89<br>-2.13 | 42.33<br>-1.13<br>-0.01 | 36.70<br>-1.21<br>-0.01 | 39.86<br>-0.81<br>0.01  | 41.36<br>-0.38<br>-0.03 | 43.68<br>0.65<br>0.00   | 47.16<br>-0.05<br>0.75  | 50.31<br>0.31<br>0.59   | 56.39<br>-1.26<br>-0.48   | 73.35<br>-2.90<br>0.00 | 99.38<br>-2.24<br>0.00   | 108.50<br>-1.10<br>0.00  | 92.54<br>0.65<br>0.00    | 64.17<br>-1.44<br>0.00  | 48.22<br>-0.24<br>0.00 | 43.57<br>-0.40<br>0.00 | 38.83<br>0.19<br>0.00  |
| SITHE___INDEPEND<br>23800     | 22.02<br>-0.94<br>10.68 | 21.82<br>-0.84<br>7.18 | 21.82<br>-0.75<br>5.09  | 21.82<br>-0.72<br>4.16 | 21.93<br>-0.79<br>5.44  | 14.91<br>-0.89<br>16.02 | 12.78<br>-0.96<br>23.06 | 13.87<br>-1.10<br>29.01 | -5.48<br>-1.09<br>47.84 | 22.71<br>-0.99<br>14.21 | 27.10<br>-1.06<br>12.53 | 27.20<br>-1.13<br>13.38 | -1.34<br>-1.08<br>43.29 | -1.35<br>-1.25<br>48.06 | -1.42<br>-1.26<br>50.75 | -87.44<br>-1.43<br>143.18 | 74.19<br>-2.06<br>0.00 | 99.28<br>-2.34<br>0.00   | 107.19<br>-2.41<br>0.00  | 90.14<br>-1.75<br>0.00   | 64.04<br>-1.57<br>0.00  | 47.30<br>-1.16<br>0.00 | 42.78<br>-1.19<br>0.00 | 37.63<br>-1.00<br>0.00 |
| SITHE___MASSENA<br>23902      | 33.74<br>0.10<br>0.00   | 29.96<br>0.12<br>0.00  | 27.77<br>0.11<br>0.00   | 26.75<br>0.05<br>0.00  | 28.24<br>0.08<br>0.00   | 32.01<br>0.19<br>0.00   | 37.06<br>0.26<br>0.00   | 44.37<br>0.39<br>0.00   | 43.54<br>0.09<br>0.00   | 38.13<br>0.23<br>0.00   | 40.97<br>0.29<br>0.00   | 42.08<br>0.37<br>0.00   | 43.21<br>0.17<br>0.00   | 48.44<br>0.48<br>0.00   | 50.91<br>0.31<br>0.00   | 57.34<br>0.17<br>0.00     | 76.33<br>0.08<br>0.00  | 100.91<br>-0.71<br>0.00  | 108.84<br>-0.76<br>0.00  | 91.43<br>-0.46<br>0.00   | 66.14<br>0.52<br>0.00   | 48.90<br>0.44<br>0.00  | 44.36<br>0.39<br>0.00  | 38.79<br>0.16<br>0.00  |
| SITHE___OGDNSBRG<br>24021     | 34.19<br>0.44<br>-0.12  | 30.29<br>0.45<br>0.00  | 28.13<br>0.41<br>-0.06  | 27.05<br>0.32<br>-0.03 | 28.61<br>0.39<br>-0.06  | 32.43<br>0.60<br>0.00   | 38.01<br>0.88<br>-0.33  | 45.25<br>1.28<br>0.00   | 44.47<br>0.56<br>-0.45  | 38.71<br>0.45<br>-0.35  | 41.53<br>0.53<br>-0.31  | 42.83<br>0.79<br>-0.33  | 44.63<br>0.52<br>-1.08  | 50.07<br>0.91<br>-1.20  | 52.52<br>0.66<br>-1.27  | 59.06<br>0.46<br>-1.43    | 76.86<br>0.61<br>0.00  | 102.13<br>0.51<br>0.00   | 110.48<br>0.88<br>0.00   | 92.90<br>1.01<br>0.00    | 67.32<br>1.71<br>0.00   | 49.82<br>1.36<br>0.00  | 45.11<br>1.14<br>0.00  | 39.33<br>0.70<br>0.00  |
| SITHE___STERLING<br>23777     | 34.42<br>0.51<br>-0.27  | 30.26<br>0.54<br>0.11  | 28.31<br>0.52<br>-0.13  | 27.25<br>0.51<br>-0.05 | 28.81<br>0.51<br>-0.14  | 32.21<br>0.64<br>0.25   | 38.67<br>0.99<br>-0.88  | 47.23<br>1.36<br>-1.89  | 45.38<br>1.13<br>-0.80  | 39.30<br>0.76<br>-0.63  | 42.05<br>0.81<br>-0.55  | 43.05<br>0.79<br>-0.56  | 45.90<br>0.95<br>-1.92  | 50.74<br>0.86<br>-1.92  | 53.59<br>0.91<br>-2.08  | 61.11<br>1.26<br>-2.68    | 78.08<br>1.83<br>0.00  | 104.97<br>3.35<br>0.00   | 113.87<br>4.27<br>0.00   | 95.75<br>3.86<br>0.00    | 67.78<br>2.16<br>0.00   | 49.96<br>1.50<br>0.00  | 44.98<br>1.01<br>0.00  | 39.49<br>0.85<br>0.00  |
| SLEIGHT__34_KV_TB1<br>80719   | 33.26<br>-0.57<br>-0.19 | 28.92<br>-0.51<br>0.41 | 27.31<br>-0.44<br>-0.10 | 26.22<br>-0.45<br>0.02 | 27.81<br>-0.45<br>-0.10 | 30.37<br>-0.54<br>0.91  | 37.19<br>-0.55<br>-0.94 | 43.97<br>-1.01<br>-1.01 | 43.18<br>-0.91<br>-0.64 | 38.75<br>-0.72<br>-1.56 | 41.17<br>-0.90<br>-1.38 | 42.30<br>-0.88<br>-1.47 | 47.27<br>-0.52<br>-4.76 | 52.85<br>-0.35<br>-5.28 | 55.82<br>-0.35<br>-5.57 | 59.12<br>-0.46<br>-2.41   | 74.95<br>-1.30<br>0.00 | 100.50<br>-1.12<br>0.00  | 109.16<br>-0.44<br>0.00  | 92.53<br>0.64<br>0.00    | 64.83<br>-0.79<br>0.00  | 48.12<br>-0.34<br>0.00 | 43.22<br>-0.75<br>0.00 | 38.14<br>-0.50<br>0.00 |
| SMITHTWN_69_KV_BK 1<br>55830  | 35.69<br>2.05<br>0.00   | 31.45<br>1.61<br>0.00  | 28.87<br>1.22<br>0.00   | 27.66<br>0.96<br>0.00  | 29.11<br>0.96<br>0.00   | 33.09<br>1.27<br>0.00   | 40.49<br>1.69<br>-2.00  | 46.42<br>1.23<br>-1.21  | 45.28<br>1.69<br>-0.13  | 40.33<br>2.43<br>0.00   | 43.41<br>2.73<br>0.00   | 24.94<br>2.50<br>19.27  | 42.44<br>2.50<br>3.09   | 46.86<br>1.44<br>2.53   | 49.33<br>1.72<br>2.99   | 50.60<br>2.23<br>8.80     | 56.82<br>3.43<br>22.86 | 58.18<br>5.49<br>48.92   | 61.89<br>5.04<br>52.75   | 58.55<br>3.49<br>36.83   | 47.98<br>1.77<br>19.41  | 49.93<br>0.92<br>-0.55 | 45.50<br>1.23<br>-0.30 | 40.99<br>2.05<br>-0.30 |
| SOUTH CAIRO___GT<br>23612     | 34.58<br>0.94<br>0.00   | 30.73<br>0.90<br>0.00  | 28.46<br>0.80<br>0.00   | 27.55<br>0.85<br>0.00  | 29.06<br>0.90<br>0.00   | 32.90<br>1.08<br>0.00   | 15.95<br>1.84<br>22.69  | 32.07<br>2.07<br>13.97  | 43.44<br>1.65<br>1.67   | 38.55<br>0.64<br>0.00   | 41.06<br>0.69<br>0.32   | 41.48<br>0.58<br>0.81   | 42.22<br>0.60<br>1.41   | 44.50<br>0.29<br>3.75   | 46.07<br>0.51<br>5.04   | 49.74<br>0.97<br>8.41     | 74.04<br>2.67<br>4.88  | 78.43<br>5.18<br>28.37   | 77.11<br>6.47<br>38.95   | 56.81<br>5.15<br>40.23   | 44.68<br>2.82<br>23.76  | 40.09<br>1.70<br>10.06 | 41.89<br>1.41<br>3.49  | 36.45<br>1.24<br>3.43  |
| SOUTH HAMPTN___IC<br>23720    | 35.59<br>1.95<br>0.00   | 31.36<br>1.52<br>0.00  | 28.82<br>1.16<br>0.00   | 27.55<br>0.85<br>0.00  | 29.03<br>0.87<br>0.00   | 33.03<br>1.21<br>0.00   | 40.37<br>1.58<br>-2.00  | 46.42<br>1.23<br>-1.21  | 45.04<br>1.43<br>-0.15  | 40.18<br>2.27<br>0.00   | 42.84<br>2.15<br>0.00   | 28.89<br>1.92<br>14.73  | 42.27<br>1.59<br>2.36   | 47.51<br>1.49<br>1.93   | 50.07<br>1.72<br>2.25   | 52.56<br>2.12<br>6.73     | 62.12<br>3.35<br>17.48 | 70.26<br>5.59<br>36.94   | 75.46<br>5.26<br>39.40   | 65.25<br>3.30<br>29.94   | 52.76<br>1.44<br>14.30  | 49.72<br>0.63<br>-0.63 | 44.97<br>0.70<br>-0.30 | 40.68<br>1.74<br>-0.30 |
| SOUTHDOWN_115KV_TB1<br>355954 | 33.22<br>-0.50<br>-0.09 | 28.76<br>-0.66<br>0.42 | 26.98<br>-0.72<br>-0.05 | 26.19<br>-0.45<br>0.05 | 27.53<br>-0.68<br>-0.05 | 30.22<br>-0.67<br>0.93  | 36.16<br>-1.29<br>-0.65 | 42.61<br>-1.89<br>-0.53 | 42.48<br>-1.22<br>-0.24 | 38.24<br>-0.95<br>-1.28 | 40.92<br>-0.90<br>-1.13 | 42.16<br>-0.75<br>-1.20 | 46.89<br>-0.04<br>-3.90 | 52.76<br>0.48<br>-4.32  | 55.17<br>0.00<br>-4.57  | 57.70<br>-0.63<br>-1.16   | 73.89<br>-2.36<br>0.00 | 99.59<br>-2.03<br>0.00   | 109.93<br>0.33<br>0.00   | 92.90<br>1.01<br>0.00    | 63.98<br>-1.64<br>0.00  | 47.88<br>-0.58<br>0.00 | 42.78<br>-1.19<br>0.00 | 37.87<br>-0.77<br>0.00 |
| SOUTHOLD_69_KV_BK 2<br>55809  | 35.93<br>2.29<br>0.00   | 31.66<br>1.82<br>0.00  | 29.12<br>1.47<br>0.00   | 27.84<br>1.15<br>0.00  | 29.31<br>1.15<br>0.00   | 33.38<br>1.56<br>0.00   | 40.74<br>1.95<br>-2.00  | 46.86<br>1.67<br>-1.21  | 45.51<br>1.91<br>-0.15  | 40.60<br>2.69<br>0.00   | 43.37<br>2.68<br>0.00   | 29.44<br>2.46<br>14.73  | 42.83<br>2.15<br>2.36   | 48.09<br>2.06<br>1.93   | 50.63<br>2.28<br>2.25   | 53.19<br>2.74<br>6.73     | 62.82<br>4.04<br>17.47 | 71.20<br>6.50<br>36.92   | 76.24<br>6.03<br>39.38   | 65.91<br>3.95<br>29.93   | 53.03<br>1.71<br>14.29  | 49.87<br>0.78<br>-0.63 | 45.10<br>0.84<br>-0.30 | 40.80<br>1.85<br>-0.30 |
| SOUTHOLD___IC<br>23719        | 35.93<br>2.29<br>0.00   | 31.66<br>1.82<br>0.00  | 29.12<br>1.46<br>0.00   | 27.84<br>1.15<br>0.00  | 29.31<br>1.15<br>0.00   | 33.38<br>1.56<br>0.00   | 40.74<br>1.95<br>-2.00  | 46.86<br>1.67<br>-1.21  | 45.51<br>1.91<br>-0.15  | 40.60<br>2.69<br>0.00   | 43.37<br>2.68<br>0.00   | 29.44<br>2.46<br>14.73  | 42.83<br>2.15<br>2.36   | 48.09<br>2.06<br>1.93   | 50.63<br>2.28<br>2.25   | 53.19<br>2.74<br>6.73     | 62.82<br>4.04<br>17.47 | 71.20<br>6.51<br>36.92   | 76.13<br>5.91<br>39.38   | 65.81<br>3.86<br>29.93   | 53.03<br>1.70<br>14.29  | 49.86<br>0.77<br>-0.63 | 45.02<br>0.75<br>-0.30 | 40.80<br>1.85<br>-0.30 |
| SOUTH_FORK_WT_PWR<br>323839   | 35.86<br>2.22<br>0.00   | 31.60<br>1.76<br>0.00  | 29.06<br>1.41<br>0.00   | 27.79<br>1.09<br>0.00  | 29.25<br>1.10<br>0.00   | 33.32<br>1.50<br>0.00   | 40.67<br>1.88<br>-2.00  | 46.77<br>1.58<br>-1.21  | 45.43<br>1.82<br>-0.15  | 40.52<br>2.61<br>0.00   | 43.33<br>2.64<br>0.00   | 29.35<br>2.38<br>14.73  | 42.70<br>2.02<br>2.36   | 47.89<br>1.87<br>1.93   | 50.42<br>2.08<br>2.25   | 52.84<br>2.40<br>6.73     | 62.29<br>3.51<br>17.47 | 70.37<br>5.69<br>36.93   | 75.14<br>4.94<br>39.39   | 64.89<br>2.94<br>29.94   | 52.37<br>1.05<br>14.30  | 49.38<br>0.29<br>-0.63 | 44.53<br>0.27<br>-0.30 | 40.49<br>1.55<br>-0.30 |
| SPIERFLS_115KV_TB 1<br>80737  | 34.55<br>0.91<br>0.00   | 30.76<br>0.92<br>0.00  | 28.54<br>0.88<br>0.00   | 27.58<br>0.88<br>0.00  | 29.09<br>0.93<br>0.00   | 32.90<br>1.08<br>0.00   | 50.87<br>1.51<br>-12.57 | 53.38<br>1.67<br>-7.74  | 45.81<br>1.43<br>-0.92  | 38.63<br>0.72<br>0.00   | 41.13<br>0.45<br>0.00   | 42.12<br>0.42<br>0.00   | 43.51<br>0.47<br>0.00   | 48.10<br>0.14<br>0.00   | 50.95<br>0.35<br>0.00   | 57.91<br>0.74<br>0.00     | 78.46<br>2.21<br>0.00  | 118.49<br>4.27<br>-12.60 | 136.72<br>5.48<br>-21.64 | 118.28<br>4.04<br>-22.35 | 81.18<br>2.36<br>-13.20 | 55.44<br>1.41<br>-5.57 | 47.18<br>1.28<br>-1.93 | 41.58<br>1.04<br>-1.90 |
| ST LAWRENCE____<br>23600      | 33.51<br>-0.13<br>0.00  | 29.69<br>-0.15<br>0.00 | 27.52<br>-0.14<br>0.00  | 26.51<br>-0.19<br>0.00 | 28.02<br>-0.14<br>0.00  | 31.70<br>-0.13<br>0.00  | 36.58<br>-0.22<br>0.00  | 43.75<br>-0.22<br>0.00  | 43.10<br>-0.35<br>0.00  | 37.72<br>-0.19<br>0.00  | 40.52<br>-0.16<br>0.00  | 41.58<br>-0.12<br>0.00  | 42.73<br>-0.30<br>0.00  | 47.91<br>-0.05<br>0.00  | 50.45<br>-0.15<br>0.00  | 56.89<br>-0.28<br>0.00    | 75.72<br>-0.53<br>0.00 | 99.99<br>-1.63<br>0.00   | 107.84<br>-1.76<br>0.00  | 90.41<br>-1.47<br>0.00   | 65.29<br>-0.33<br>0.00  | 48.27<br>-0.19<br>0.00 | 43.88<br>-0.09<br>0.00 | 38.45<br>-0.19<br>0.00 |



|                                          |                         |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                          |                          |                          |                         |                        |                        |                        |
|------------------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| STATE_CA_115KV_115_LB<br>55624           | 34.11<br>0.47<br>0.00   | 30.31<br>0.48<br>0.00  | 28.10<br>0.44<br>0.00   | 27.15<br>0.45<br>0.00   | 28.64<br>0.48<br>0.00   | 32.36<br>0.54<br>0.00  | 45.49<br>0.96<br>-7.73  | 49.70<br>0.97<br>-4.76  | 44.98<br>0.96<br>-0.57  | 38.59<br>0.68<br>0.00   | 41.34<br>0.65<br>0.00   | 42.29<br>0.58<br>0.00   | 43.59<br>0.56<br>0.00   | 48.06<br>0.10<br>0.00   | 50.80<br>0.20<br>0.00   | 57.57<br>0.40<br>0.00   | 77.55<br>1.30<br>0.00  | 111.83<br>2.44<br>-7.77  | 125.80<br>2.85<br>-13.35 | 107.60<br>1.93<br>-13.79 | 74.68<br>0.92<br>-8.14  | 52.38<br>0.48<br>-3.43 | 45.69<br>0.53<br>-1.19 | 40.27<br>0.46<br>-1.17 |
| STATE_ST_34_KV_LOAD<br>55959             | 34.44<br>-0.03<br>-0.83 | 29.81<br>-0.03<br>0.00 | 28.06<br>0.00<br>-0.40  | 26.89<br>-0.03<br>-0.22 | 28.56<br>-0.03<br>-0.43 | 31.79<br>-0.03<br>0.00 | 39.29<br>0.15<br>-2.35  | 47.73<br>0.18<br>-3.59  | 46.67<br>0.22<br>-3.00  | 40.34<br>0.08<br>-2.35  | 42.72<br>-0.04<br>-2.08 | 43.92<br>0.00<br>-2.22  | 50.38<br>0.17<br>-7.17  | 56.11<br>0.19<br>-7.96  | 59.26<br>0.25<br>-8.41  | 67.07<br>0.40<br>-9.50  | 76.63<br>0.38<br>0.00  | 102.84<br>1.22<br>0.00   | 111.35<br>1.75<br>0.00   | 93.91<br>2.02<br>0.00    | 66.27<br>0.66<br>0.00   | 48.90<br>0.44<br>0.00  | 44.06<br>0.09<br>0.00  | 38.75<br>0.12<br>0.00  |
| STATION_5_MISC_HYD<br>23604              | 33.17<br>-0.44<br>0.03  | 28.89<br>-0.42<br>0.53 | 27.26<br>-0.39<br>0.01  | 26.27<br>-0.32<br>0.11  | 27.81<br>-0.34<br>0.01  | 30.19<br>-0.45<br>1.19 | 36.60<br>-0.63<br>-0.43 | 44.86<br>-1.19<br>-2.07 | 42.66<br>-0.65<br>0.14  | 37.15<br>-0.64<br>0.11  | 40.24<br>-0.33<br>0.12  | 41.63<br>0.00<br>0.08   | 43.45<br>0.78<br>0.36   | 46.98<br>0.24<br>1.22   | 50.09<br>0.56<br>1.06   | 56.75<br>-0.46<br>-0.04 | 74.65<br>-1.60<br>0.00 | 100.70<br>-0.92<br>0.00  | 109.16<br>-0.44<br>0.00  | 92.71<br>0.83<br>0.00    | 64.83<br>-0.78<br>0.00  | 48.41<br>-0.05<br>0.00 | 43.66<br>-0.31<br>0.00 | 38.52<br>-0.12<br>0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B<br>345032 | 33.45<br>-0.37<br>-0.18 | 29.07<br>-0.36<br>0.41 | 27.44<br>-0.30<br>-0.09 | 26.38<br>-0.29<br>0.03  | 27.97<br>-0.28<br>-0.10 | 30.55<br>-0.35<br>0.92 | 37.30<br>-0.40<br>-0.91 | 44.20<br>-0.75<br>-0.98 | 43.37<br>-0.70<br>-0.61 | 38.95<br>-0.49<br>-1.54 | 41.40<br>-0.65<br>-1.36 | 42.53<br>-0.63<br>-1.45 | 47.47<br>-0.26<br>-4.70 | 53.13<br>-0.05<br>-5.22 | 56.06<br>-0.05<br>-5.51 | 59.38<br>-0.11<br>-2.33 | 75.41<br>-0.84<br>0.00 | 101.01<br>-0.61<br>0.00  | 109.71<br>0.11<br>0.00   | 93.08<br>1.19<br>0.00    | 65.29<br>-0.33<br>0.00  | 48.51<br>0.05<br>0.00  | 43.53<br>-0.44<br>0.00 | 38.45<br>-0.19<br>0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B<br>345033   | 33.02<br>-0.61<br>0.01  | 28.75<br>-0.57<br>0.52 | 27.13<br>-0.53<br>0.00  | 26.12<br>-0.48<br>0.10  | 27.68<br>-0.48<br>0.00  | 30.05<br>-0.60<br>1.17 | 36.49<br>-0.77<br>-0.47 | 42.71<br>-1.41<br>-0.15 | 42.09<br>-1.26<br>0.10  | 38.27<br>-0.91<br>-1.28 | 40.71<br>-1.10<br>-1.13 | 41.91<br>-1.00<br>-1.20 | 46.36<br>-0.56<br>-3.89 | 51.99<br>-0.29<br>-4.32 | 54.86<br>-0.30<br>-4.56 | 56.77<br>-0.57<br>-0.17 | 74.57<br>-1.68<br>0.00 | 99.79<br>-1.83<br>0.00   | 108.61<br>-0.99<br>0.00  | 92.26<br>0.37<br>0.00    | 64.50<br>-1.12<br>0.00  | 48.12<br>-0.34<br>0.00 | 43.18<br>-0.79<br>0.00 | 38.21<br>-0.43<br>0.00 |
| STA_56___34_KV_BUS2<br>355983            | 33.02<br>-0.61<br>0.01  | 28.75<br>-0.57<br>0.52 | 27.13<br>-0.53<br>0.00  | 26.12<br>-0.48<br>0.10  | 27.68<br>-0.48<br>0.00  | 30.05<br>-0.60<br>1.17 | 36.49<br>-0.77<br>-0.47 | 42.71<br>-1.41<br>-0.15 | 42.09<br>-1.26<br>0.10  | 38.27<br>-0.91<br>-1.28 | 40.71<br>-1.10<br>-1.13 | 41.91<br>-1.00<br>-1.20 | 46.36<br>-0.56<br>-3.89 | 51.99<br>-0.29<br>-4.32 | 54.86<br>-0.30<br>-4.56 | 56.77<br>-0.57<br>-0.17 | 74.57<br>-1.68<br>0.00 | 99.79<br>-1.83<br>0.00   | 108.61<br>-0.99<br>0.00  | 92.26<br>0.37<br>0.00    | 64.50<br>-1.12<br>0.00  | 48.12<br>-0.34<br>0.00 | 43.18<br>-0.79<br>0.00 | 38.21<br>-0.43<br>0.00 |
| STA_67___115KV_BK2<br>355882             | 33.14<br>-0.47<br>0.03  | 28.86<br>-0.45<br>0.53 | 27.23<br>-0.41<br>0.01  | 26.22<br>-0.37<br>0.11  | 27.75<br>-0.39<br>0.01  | 30.12<br>-0.51<br>1.19 | 36.52<br>-0.70<br>-0.42 | 42.18<br>-1.32<br>0.48  | 42.13<br>-1.17<br>0.15  | 38.36<br>-0.80<br>-1.25 | 40.82<br>-0.98<br>-1.11 | 41.97<br>-0.92<br>-1.18 | 46.43<br>-0.43<br>-3.82 | 52.06<br>-0.14<br>-4.24 | 54.93<br>-0.15<br>-4.48 | 56.79<br>-0.40<br>-0.02 | 74.65<br>-1.60<br>0.00 | 99.99<br>-1.63<br>0.00   | 108.83<br>-0.77<br>0.00  | 92.53<br>0.64<br>0.00    | 64.63<br>-0.98<br>0.00  | 48.27<br>-0.19<br>0.00 | 43.35<br>-0.62<br>0.00 | 38.41<br>-0.23<br>0.00 |
| STA_7___115KV_9TRANS<br>80674            | 33.27<br>-0.34<br>0.03  | 28.98<br>-0.33<br>0.53 | 27.37<br>-0.28<br>0.01  | 26.35<br>-0.24<br>0.11  | 27.89<br>-0.25<br>0.01  | 30.29<br>-0.35<br>1.19 | 36.75<br>-0.48<br>-0.43 | 42.53<br>-0.97<br>0.47  | 42.44<br>-0.87<br>0.14  | 38.67<br>-0.49<br>-1.26 | 41.10<br>-0.69<br>-1.11 | 42.31<br>-0.58<br>-1.18 | 46.78<br>-0.09<br>-3.83 | 52.50<br>0.29<br>-4.25  | 55.39<br>0.30<br>-4.49  | 57.33<br>0.11<br>-0.04  | 75.26<br>-0.99<br>0.00 | 100.91<br>-0.71<br>0.00  | 109.82<br>0.22<br>0.00   | 93.36<br>1.47<br>0.00    | 65.22<br>-0.39<br>0.00  | 48.75<br>0.29<br>0.00  | 43.71<br>-0.26<br>0.00 | 38.72<br>0.08<br>0.00  |
| STA_82___115KV_TB1<br>80780              | 33.15<br>-0.47<br>0.02  | 28.86<br>-0.45<br>0.53 | 27.23<br>-0.41<br>0.01  | 26.22<br>-0.37<br>0.10  | 27.78<br>-0.37<br>0.01  | 30.17<br>-0.48<br>1.17 | 36.59<br>-0.66<br>-0.45 | 42.83<br>-1.28<br>-0.13 | 42.17<br>-1.17<br>0.11  | 38.38<br>-0.80<br>-1.27 | 40.83<br>-0.98<br>-1.12 | 41.98<br>-0.92<br>-1.19 | 46.47<br>-0.43<br>-3.87 | 52.16<br>-0.10<br>-4.29 | 54.98<br>-0.15<br>-4.53 | 56.91<br>-0.40<br>-0.14 | 74.65<br>-1.60<br>0.00 | 99.99<br>-1.63<br>0.00   | 108.94<br>-0.66<br>0.00  | 92.53<br>0.64<br>0.00    | 64.63<br>-0.98<br>0.00  | 48.31<br>-0.15<br>0.00 | 43.40<br>-0.57<br>0.00 | 38.45<br>-0.19<br>0.00 |
| STEEL___WIND<br>323596                   | 32.89<br>-0.81<br>-0.06 | 28.59<br>-0.80<br>0.44 | 26.83<br>-0.86<br>-0.03 | 26.02<br>-0.61<br>0.06  | 27.40<br>-0.79<br>-0.03 | 29.82<br>-1.02<br>0.98 | 35.59<br>-1.80<br>-0.59 | 43.30<br>-2.86<br>-2.18 | 41.70<br>-1.91<br>-0.16 | 36.02<br>-2.01<br>-0.13 | 39.20<br>-1.59<br>-0.10 | 40.68<br>-1.17<br>-0.14 | 43.28<br>-0.13<br>-0.37 | 46.87<br>-0.82<br>0.27  | 49.84<br>-0.66<br>0.10  | 55.65<br>-2.46<br>-0.93 | 71.45<br>-4.80<br>0.00 | 96.54<br>-5.08<br>0.00   | 105.87<br>-3.73<br>0.00  | 89.87<br>-2.02<br>0.00   | 62.27<br>-3.34<br>0.00  | 46.91<br>-1.55<br>0.00 | 42.52<br>-1.45<br>0.00 | 37.79<br>-0.85<br>0.00 |
| STEPHTWN_115KV_BK_2<br>55603             | 34.21<br>0.57<br>0.00   | 30.40<br>0.57<br>0.00  | 28.15<br>0.50<br>0.00   | 27.20<br>0.51<br>0.00   | 28.69<br>0.53<br>0.00   | 32.49<br>0.67<br>0.00  | -4.14<br>1.10<br>42.04  | 19.22<br>1.14<br>25.89  | 41.45<br>1.09<br>3.09   | 38.66<br>0.76<br>0.00   | 41.41<br>0.73<br>0.01   | 42.30<br>0.63<br>0.03   | 43.63<br>0.65<br>0.05   | 48.02<br>0.19<br>0.13   | 50.73<br>0.30<br>0.17   | 57.40<br>0.51<br>0.29   | 77.61<br>1.53<br>0.17  | 62.36<br>2.95<br>42.21   | 40.85<br>3.40<br>72.14   | 19.77<br>2.39<br>74.50   | 22.86<br>1.25<br>44.00  | 30.54<br>0.73<br>18.65 | 38.21<br>0.70<br>6.46  | 32.90<br>0.62<br>6.36  |
| STEBUBEN_REC_LFGE<br>323667              | 33.17<br>-0.74<br>-0.27 | 28.82<br>-0.75<br>0.27 | 27.10<br>-0.69<br>-0.13 | 26.19<br>-0.53<br>-0.02 | 27.71<br>-0.59<br>-0.14 | 30.57<br>-0.64<br>0.61 | 36.99<br>-0.85<br>-1.04 | 43.91<br>-0.92<br>-0.86 | 42.63<br>-1.39<br>-0.57 | 38.04<br>-1.25<br>-1.38 | 40.48<br>-1.42<br>-1.22 | 41.72<br>-1.29<br>-1.30 | 46.47<br>-0.77<br>-4.21 | 52.06<br>-0.58<br>-4.68 | 55.39<br>-0.15<br>-4.94 | 59.04<br>-0.29<br>-2.16 | 75.34<br>-0.92<br>0.00 | 101.72<br>0.10<br>0.00   | 111.79<br>2.19<br>0.00   | 94.55<br>2.66<br>0.00    | 65.35<br>-0.26<br>0.00  | 48.41<br>-0.05<br>0.00 | 43.22<br>-0.75<br>0.00 | 38.17<br>-0.46<br>0.00 |
| STILLWATER___SOLAR<br>323814             | 34.89<br>1.25<br>0.00   | 31.00<br>1.16<br>0.00  | 28.73<br>1.08<br>0.00   | 27.76<br>1.07<br>0.00   | 29.28<br>1.13<br>0.00   | 33.16<br>1.34<br>0.00  | 53.34<br>1.77<br>-14.78 | 55.06<br>1.98<br>-9.10  | 46.32<br>1.78<br>-1.09  | 39.08<br>1.18<br>0.00   | 41.66<br>0.97<br>0.00   | 42.71<br>1.00<br>0.00   | 43.94<br>0.91<br>0.00   | 48.72<br>0.76<br>0.00   | 51.49<br>0.91<br>0.02   | 58.49<br>1.32<br>0.00   | 78.99<br>2.74<br>0.00  | 121.32<br>4.88<br>-14.82 | 140.85<br>5.80<br>-25.45 | 122.67<br>4.50<br>-26.28 | 83.89<br>2.76<br>-15.52 | 56.81<br>1.79<br>-6.56 | 47.87<br>1.63<br>-2.27 | 42.30<br>1.43<br>-2.23 |
| STONY___BROOK<br>24151                   | 35.63<br>1.98<br>0.00   | 31.39<br>1.55<br>0.00  | 28.84<br>1.19<br>0.00   | 27.60<br>0.91<br>0.00   | 29.06<br>0.90<br>0.00   | 33.03<br>1.21<br>0.00  | 40.45<br>1.66<br>-2.00  | 46.37<br>1.19<br>-1.21  | 45.08<br>1.48<br>-0.15  | 40.22<br>2.31<br>0.00   | 42.84<br>2.15<br>0.00   | 26.95<br>1.79<br>16.55  | 41.93<br>1.55<br>2.65   | 47.22<br>1.44<br>2.18   | 49.63<br>1.57<br>2.54   | 51.55<br>1.94<br>7.56   | 59.82<br>3.20<br>19.64 | 64.95<br>5.08<br>41.75   | 69.21<br>4.39<br>44.78   | 62.23<br>3.03<br>32.68   | 50.83<br>1.57<br>16.36  | 49.88<br>0.82<br>-0.60 | 45.28<br>1.01<br>-0.30 | 40.91<br>1.97<br>-0.30 |
| STURGEON_POOL_HYD<br>23609               | 35.52<br>1.88<br>0.00   | 31.45<br>1.61<br>0.00  | 29.04<br>1.38<br>0.00   | 28.06<br>1.36<br>0.00   | 29.51<br>1.35<br>0.00   | 33.35<br>1.53<br>0.00  | 35.38<br>2.10<br>3.51   | 44.32<br>2.51<br>2.16   | 45.80<br>2.61<br>0.26   | 40.33<br>2.43<br>0.00   | 43.42<br>2.81<br>0.07   | 44.32<br>2.79<br>0.18   | 45.64<br>2.93<br>0.32   | 49.67<br>2.54<br>0.84   | 52.11<br>2.63<br>1.12   | 58.32<br>3.03<br>1.88   | 80.19<br>5.03<br>1.09  | 104.69<br>7.93<br>4.85   | 111.66<br>8.22<br>6.15   | 91.69<br>6.16<br>6.36    | 65.28<br>3.41<br>3.75   | 49.08<br>2.18<br>1.56  | 45.72<br>2.29<br>0.54  | 40.16<br>2.05<br>0.53  |



|                                          |                         |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                         |                         |                        |                        |                        |                        |
|------------------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| ST_LAW_115_BK7_LBMP<br>345037            | 33.47<br>-0.17<br>0.00  | 29.69<br>-0.15<br>0.00 | 27.52<br>-0.14<br>0.00  | 26.51<br>-0.19<br>0.00  | 28.02<br>-0.14<br>0.00  | 31.70<br>-0.13<br>0.00 | 36.58<br>-0.22<br>0.00  | 43.80<br>-0.18<br>0.00  | 43.10<br>-0.35<br>0.00  | 37.72<br>-0.19<br>0.00  | 40.52<br>-0.16<br>0.00  | 41.58<br>-0.12<br>0.00  | 42.73<br>-0.30<br>0.00  | 47.96<br>0.00<br>0.00   | 50.45<br>-0.15<br>0.00  | 56.89<br>-0.28<br>0.00  | 75.64<br>-0.61<br>0.00 | 99.99<br>-1.63<br>0.00  | 107.73<br>-1.86<br>0.00 | 90.41<br>-1.47<br>0.00  | 65.35<br>-0.26<br>0.00 | 48.32<br>-0.14<br>0.00 | 43.88<br>-0.09<br>0.00 | 38.45<br>-0.19<br>0.00 |
| ST_LAW_115_BK8_LBMP<br>345038            | 33.47<br>-0.17<br>0.00  | 29.69<br>-0.15<br>0.00 | 27.52<br>-0.14<br>0.00  | 26.51<br>-0.19<br>0.00  | 28.02<br>-0.14<br>0.00  | 31.70<br>-0.13<br>0.00 | 36.58<br>-0.22<br>0.00  | 43.80<br>-0.18<br>0.00  | 43.10<br>-0.35<br>0.00  | 37.72<br>-0.19<br>0.00  | 40.52<br>-0.16<br>0.00  | 41.58<br>-0.12<br>0.00  | 42.73<br>-0.30<br>0.00  | 47.96<br>0.00<br>0.00   | 50.45<br>-0.15<br>0.00  | 56.89<br>-0.28<br>0.00  | 75.64<br>-0.61<br>0.00 | 99.99<br>-1.63<br>0.00  | 107.73<br>-1.86<br>0.00 | 90.41<br>-1.47<br>0.00  | 65.35<br>-0.26<br>0.00 | 48.32<br>-0.14<br>0.00 | 43.88<br>-0.09<br>0.00 | 38.45<br>-0.19<br>0.00 |
| ST_LAW_230_BK5_LBMP<br>345035            | 33.51<br>-0.13<br>0.00  | 29.69<br>-0.15<br>0.00 | 27.52<br>-0.14<br>0.00  | 26.51<br>-0.19<br>0.00  | 28.02<br>-0.14<br>0.00  | 31.70<br>-0.13<br>0.00 | 36.58<br>-0.22<br>0.00  | 43.75<br>-0.22<br>0.00  | 43.10<br>-0.35<br>0.00  | 37.72<br>-0.19<br>0.00  | 40.52<br>-0.16<br>0.00  | 41.58<br>-0.12<br>0.00  | 42.73<br>-0.30<br>0.00  | 47.91<br>-0.05<br>0.00  | 50.45<br>-0.15<br>0.00  | 56.89<br>-0.28<br>0.00  | 75.72<br>-0.53<br>0.00 | 99.99<br>-1.63<br>0.00  | 107.84<br>-1.76<br>0.00 | 90.41<br>-1.47<br>0.00  | 65.29<br>-0.33<br>0.00 | 48.27<br>-0.19<br>0.00 | 43.88<br>-0.09<br>0.00 | 38.45<br>-0.19<br>0.00 |
| ST_LAW_230_BK6_LBMP<br>345036            | 33.51<br>-0.13<br>0.00  | 29.69<br>-0.15<br>0.00 | 27.52<br>-0.14<br>0.00  | 26.51<br>-0.19<br>0.00  | 28.02<br>-0.14<br>0.00  | 31.70<br>-0.13<br>0.00 | 36.58<br>-0.22<br>0.00  | 43.75<br>-0.22<br>0.00  | 43.10<br>-0.35<br>0.00  | 37.72<br>-0.19<br>0.00  | 40.52<br>-0.16<br>0.00  | 41.58<br>-0.12<br>0.00  | 42.73<br>-0.30<br>0.00  | 47.91<br>-0.05<br>0.00  | 50.45<br>-0.15<br>0.00  | 56.89<br>-0.28<br>0.00  | 75.72<br>-0.53<br>0.00 | 99.99<br>-1.63<br>0.00  | 107.84<br>-1.76<br>0.00 | 90.41<br>-1.47<br>0.00  | 65.29<br>-0.33<br>0.00 | 48.27<br>-0.19<br>0.00 | 43.88<br>-0.09<br>0.00 | 38.45<br>-0.19<br>0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G<br>345026 | 35.32<br>1.68<br>0.00   | 31.27<br>1.43<br>0.00  | 28.84<br>1.19<br>0.00   | 27.84<br>1.15<br>0.00   | 29.28<br>1.13<br>0.00   | 33.13<br>1.30<br>0.00  | 40.25<br>1.73<br>-1.72  | 47.05<br>2.02<br>-1.06  | 46.01<br>2.43<br>-0.13  | 40.10<br>2.20<br>0.00   | 43.13<br>2.44<br>0.00   | 44.08<br>2.38<br>0.00   | 45.57<br>2.54<br>0.00   | 50.12<br>2.16<br>0.00   | 52.88<br>2.28<br>0.00   | 59.80<br>2.63<br>0.00   | 80.67<br>4.42<br>0.00  | 110.33<br>7.11<br>-1.60 | 119.68<br>7.34<br>-2.74 | 100.14<br>5.42<br>-2.83 | 70.24<br>2.95<br>-1.67 | 51.02<br>1.79<br>-0.76 | 46.17<br>1.93<br>-0.26 | 40.60<br>1.70<br>-0.26 |
| SWANROAD_115KV_TB1<br>355699             | 32.16<br>-1.51<br>-0.03 | 28.03<br>-1.34<br>0.47 | 26.32<br>-1.36<br>-0.02 | 25.55<br>-1.07<br>0.08  | 26.88<br>-1.30<br>-0.02 | 29.12<br>-1.65<br>1.04 | 34.69<br>-2.65<br>-0.54 | 40.12<br>-4.18<br>-0.33 | 39.69<br>-3.82<br>-0.06 | 36.10<br>-3.07<br>-1.26 | 38.42<br>-3.38<br>-1.11 | 39.68<br>-3.21<br>-1.19 | 44.17<br>-2.71<br>-3.85 | 49.74<br>-2.49<br>-4.27 | 52.23<br>-2.88<br>-4.51 | 53.76<br>-4.06<br>-0.65 | 69.46<br>-6.79<br>0.00 | 92.78<br>-8.84<br>0.00  | 102.04<br>-7.56<br>0.00 | 86.93<br>-4.96<br>0.00  | 60.37<br>-5.25<br>0.00 | 45.60<br>-2.86<br>0.00 | 41.11<br>-2.86<br>0.00 | 37.44<br>-1.20<br>0.00 |
| SYNERGY___BIOGAS<br>323694               | 33.11<br>-0.54<br>-0.01 | 28.84<br>-0.51<br>0.49 | 27.17<br>-0.50<br>-0.01 | 26.24<br>-0.37<br>0.09  | 27.75<br>-0.42<br>-0.01 | 30.13<br>-0.60<br>1.09 | 36.20<br>-1.10<br>-0.51 | 42.34<br>-1.89<br>-0.26 | 41.72<br>-1.74<br>-0.01 | 37.92<br>-1.25<br>-1.27 | 40.26<br>-1.55<br>-1.12 | 41.44<br>-1.46<br>-1.19 | 46.08<br>-0.82<br>-3.86 | 51.86<br>-0.38<br>-4.29 | 54.62<br>-0.51<br>-4.53 | 56.56<br>-1.09<br>-0.48 | 73.66<br>-2.59<br>0.00 | 98.87<br>-2.74<br>0.00  | 108.50<br>-1.10<br>0.00 | 92.53<br>0.64<br>0.00   | 64.17<br>-1.44<br>0.00 | 48.22<br>-0.24<br>0.00 | 43.22<br>-0.75<br>0.00 | 38.83<br>0.19<br>0.00  |
| SYRACUSE___ENERGY_ST1<br>323597          | 34.44<br>-0.13<br>-0.93 | 29.72<br>-0.12<br>0.00 | 28.02<br>-0.08<br>-0.45 | 26.84<br>-0.11<br>-0.25 | 28.52<br>-0.11<br>-0.48 | 31.69<br>-0.13<br>0.00 | 39.41<br>0.00<br>-2.61  | 48.11<br>0.04<br>-4.09  | 46.82<br>0.09<br>-3.28  | 40.48<br>0.00<br>-2.58  | 42.88<br>-0.08<br>-2.27 | 44.05<br>-0.08<br>-2.43 | 50.93<br>0.04<br>-7.86  | 56.63<br>-0.05<br>-8.72 | 59.86<br>0.05<br>-9.21  | 67.75<br>0.17<br>-10.41 | 76.25<br>0.00<br>0.00  | 102.13<br>0.51<br>0.00  | 110.37<br>0.77<br>0.00  | 92.99<br>1.10<br>0.00   | 65.81<br>0.20<br>0.00  | 48.56<br>0.10<br>0.00  | 43.84<br>-0.13<br>0.00 | 38.56<br>-0.08<br>0.00 |
| SYRACUSE___ENERGY_ST2<br>323598          | 34.44<br>-0.13<br>-0.93 | 29.72<br>-0.12<br>0.00 | 28.02<br>-0.08<br>-0.45 | 26.84<br>-0.11<br>-0.25 | 28.52<br>-0.11<br>-0.48 | 31.69<br>-0.13<br>0.00 | 39.41<br>0.00<br>-2.61  | 48.11<br>0.04<br>-4.09  | 46.82<br>0.09<br>-3.28  | 40.48<br>0.00<br>-2.58  | 42.88<br>-0.08<br>-2.27 | 44.05<br>-0.08<br>-2.43 | 50.93<br>0.04<br>-7.86  | 56.63<br>-0.05<br>-8.72 | 59.86<br>0.05<br>-9.21  | 67.75<br>0.17<br>-10.41 | 76.25<br>0.00<br>0.00  | 102.13<br>0.51<br>0.00  | 110.37<br>0.77<br>0.00  | 92.99<br>1.10<br>0.00   | 65.81<br>0.20<br>0.00  | 48.56<br>0.10<br>0.00  | 43.84<br>-0.13<br>0.00 | 38.56<br>-0.08<br>0.00 |
| SYRACUSE___POWER<br>24017                | 34.11<br>-0.13<br>-0.61 | 29.56<br>-0.12<br>0.16 | 27.87<br>-0.08<br>-0.29 | 26.72<br>-0.11<br>-0.13 | 28.36<br>-0.11<br>-0.31 | 31.33<br>-0.13<br>0.36 | 38.66<br>0.00<br>-1.87  | 46.52<br>0.04<br>-2.50  | 45.46<br>0.09<br>-1.92  | 39.92<br>0.00<br>-2.02  | 42.39<br>-0.08<br>-1.78 | 43.52<br>-0.08<br>-1.90 | 49.23<br>0.04<br>-6.15  | 54.74<br>-0.05<br>-6.83 | 57.86<br>0.05<br>-7.21  | 63.63<br>0.17<br>-6.29  | 76.25<br>0.00<br>0.00  | 102.13<br>0.51<br>0.00  | 110.37<br>0.77<br>0.00  | 92.90<br>1.01<br>0.00   | 65.81<br>0.20<br>0.00  | 48.51<br>0.05<br>0.00  | 43.79<br>-0.18<br>0.00 | 38.56<br>-0.08<br>0.00 |
| TALLMAN_138KV_BK151<br>55660             | 35.56<br>1.92<br>0.00   | 31.48<br>1.64<br>0.00  | 29.01<br>1.36<br>0.00   | 28.00<br>1.31<br>0.00   | 29.42<br>1.27<br>0.00   | 33.29<br>1.46<br>0.00  | 40.55<br>1.91<br>-1.84  | 47.35<br>2.24<br>-1.13  | 46.24<br>2.65<br>-0.14  | 40.33<br>2.43<br>0.00   | 43.41<br>2.73<br>0.00   | 44.38<br>2.67<br>0.00   | 45.87<br>2.84<br>0.00   | 50.36<br>2.40<br>0.00   | 53.13<br>2.53<br>0.00   | 60.03<br>2.86<br>0.00   | 80.98<br>4.73<br>0.00  | 110.99<br>7.62<br>-1.75 | 120.39<br>7.78<br>-3.01 | 100.69<br>5.70<br>-3.10 | 70.60<br>3.15<br>-1.83 | 51.21<br>1.94<br>-0.82 | 46.32<br>2.07<br>-0.28 | 40.77<br>1.85<br>-0.28 |
| TEALLAVE_115KV_TB7<br>355573             | 33.88<br>-0.27<br>-0.51 | 29.42<br>-0.21<br>0.21 | 27.71<br>-0.19<br>-0.25 | 26.61<br>-0.19<br>-0.10 | 28.20<br>-0.23<br>-0.26 | 31.10<br>-0.25<br>0.47 | 38.29<br>-0.15<br>-1.64 | 45.79<br>-0.18<br>-1.99 | 44.81<br>-0.13<br>-1.49 | 39.56<br>-0.19<br>-1.85 | 42.07<br>-0.24<br>-1.63 | 43.19<br>-0.25<br>-1.74 | 48.49<br>-0.17<br>-5.63 | 53.97<br>-0.24<br>-6.25 | 56.99<br>-0.20<br>-6.60 | 62.02<br>-0.11<br>-4.97 | 75.79<br>-0.46<br>0.00 | 101.52<br>-0.10<br>0.00 | 109.60<br>0.00<br>0.00  | 92.26<br>0.37<br>0.00   | 65.35<br>-0.26<br>0.00 | 48.22<br>-0.24<br>0.00 | 43.57<br>-0.40<br>0.00 | 38.37<br>-0.27<br>0.00 |
| TELGRAPH_34_KV_EAST<br>80808             | 32.72<br>-0.94<br>-0.02 | 28.49<br>-0.87<br>0.48 | 26.81<br>-0.86<br>-0.01 | 25.95<br>-0.67<br>0.08  | 27.38<br>-0.79<br>-0.01 | 29.70<br>-1.05<br>1.07 | 35.55<br>-1.77<br>-0.52 | 41.36<br>-2.90<br>-0.29 | 40.79<br>-2.69<br>-0.03 | 37.09<br>-2.08<br>-1.27 | 39.44<br>-2.36<br>-1.12 | 40.65<br>-2.25<br>-1.19 | 45.26<br>-1.64<br>-3.86 | 50.95<br>-1.29<br>-4.28 | 53.60<br>-1.52<br>-4.52 | 55.32<br>-2.40<br>-0.55 | 71.75<br>-4.50<br>0.00 | 96.13<br>-5.49<br>0.00  | 105.43<br>-4.16<br>0.00 | 89.87<br>-2.02<br>0.00  | 62.40<br>-3.22<br>0.00 | 47.01<br>-1.45<br>0.00 | 42.26<br>-1.71<br>0.00 | 38.17<br>-0.46<br>0.00 |
| TEMPLE___115KV_TB 2<br>55572             | 33.91<br>-0.24<br>-0.51 | 29.41<br>-0.21<br>0.21 | 27.71<br>-0.19<br>-0.25 | 26.61<br>-0.19<br>-0.10 | 28.22<br>-0.20<br>-0.26 | 31.12<br>-0.22<br>0.48 | 38.29<br>-0.15<br>-1.64 | 45.78<br>-0.18<br>-1.98 | 44.84<br>-0.09<br>-1.48 | 39.60<br>-0.15<br>-1.85 | 42.07<br>-0.24<br>-1.63 | 43.20<br>-0.25<br>-1.74 | 48.54<br>-0.13<br>-5.64 | 54.03<br>-0.19<br>-6.26 | 57.06<br>-0.15<br>-6.61 | 62.05<br>-0.06<br>-4.94 | 75.87<br>-0.38<br>0.00 | 101.52<br>-0.10<br>0.00 | 109.71<br>0.11<br>0.00  | 92.35<br>0.46<br>0.00   | 65.35<br>-0.26<br>0.00 | 48.27<br>-0.19<br>0.00 | 43.57<br>-0.40<br>0.00 | 38.37<br>-0.27<br>0.00 |
| TIANA___69_KV_BK 1<br>55817              | 35.52<br>1.88<br>0.00   | 31.30<br>1.46<br>0.00  | 28.76<br>1.11<br>0.00   | 27.52<br>0.83<br>0.00   | 28.97<br>0.82<br>0.00   | 32.97<br>1.15<br>0.00  | 40.30<br>1.51<br>-2.00  | 46.33<br>1.14<br>-1.21  | 45.10<br>1.52<br>-0.13  | 40.14<br>2.24<br>0.00   | 43.21<br>2.52<br>0.00   | 29.44<br>2.46<br>14.73  | 43.08<br>2.41<br>2.36   | 47.32<br>1.29<br>1.93   | 49.94<br>1.62<br>2.28   | 52.56<br>2.12<br>6.73   | 61.98<br>3.20<br>17.47 | 70.18<br>5.49<br>36.93  | 75.47<br>5.26<br>39.39  | 65.35<br>3.40<br>29.93  | 52.83<br>1.51<br>14.29 | 49.72<br>0.63<br>-0.63 | 45.10<br>0.84<br>-0.30 | 40.68<br>1.74<br>-0.30 |



|                                               |                         |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                          |                          |                          |                         |                        |                        |                        |
|-----------------------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| TILDEN___115KV_TB1<br>80814                   | 34.11<br>-0.13<br>-0.61 | 29.56<br>-0.12<br>0.16 | 27.87<br>-0.08<br>-0.29 | 26.72<br>-0.11<br>-0.13 | 28.36<br>-0.11<br>-0.31 | 31.33<br>-0.13<br>0.36 | 38.66<br>0.00<br>-1.87  | 46.52<br>0.04<br>-2.50  | 45.46<br>0.09<br>-1.92  | 39.92<br>0.00<br>-2.02  | 42.39<br>-0.08<br>-1.78 | 43.52<br>-0.08<br>-1.90 | 49.23<br>0.04<br>-6.15  | 54.74<br>-0.05<br>-6.83 | 57.86<br>0.05<br>-7.21  | 63.63<br>0.17<br>-6.29  | 76.25<br>0.00<br>0.00  | 102.13<br>0.51<br>0.00   | 110.37<br>0.77<br>0.00   | 92.90<br>1.01<br>0.00    | 65.81<br>0.20<br>0.00   | 48.51<br>0.05<br>0.00  | 43.79<br>-0.18<br>0.00 | 38.56<br>-0.08<br>0.00 |
| TRIGEN___CC<br>323695                         | 35.69<br>2.05<br>0.00   | 31.54<br>1.70<br>0.00  | 28.98<br>1.33<br>0.00   | 27.84<br>1.15<br>0.00   | 29.28<br>1.13<br>0.00   | 33.19<br>1.37<br>0.00  | 40.56<br>1.77<br>-2.00  | 46.91<br>1.71<br>-1.22  | 45.76<br>2.17<br>-0.14  | 40.37<br>2.46<br>0.00   | 43.58<br>2.89<br>0.00   | 44.46<br>2.75<br>0.00   | 45.83<br>2.80<br>0.00   | 50.02<br>2.06<br>0.01   | 52.88<br>2.28<br>0.00   | 59.92<br>2.74<br>0.00   | 80.44<br>4.19<br>0.00  | 110.31<br>6.71<br>-1.98  | 119.58<br>6.58<br>-3.41  | 97.29<br>4.69<br>-0.71   | 70.19<br>2.49<br>-2.08  | 50.79<br>1.45<br>-0.88 | 45.90<br>1.63<br>-0.30 | 40.99<br>2.05<br>-0.30 |
| TRINITY___115KV___4 BK<br>55933               | 34.04<br>0.40<br>0.00   | 30.26<br>0.42<br>0.00  | 28.04<br>0.39<br>0.00   | 27.10<br>0.40<br>0.00   | 28.58<br>0.42<br>0.00   | 32.30<br>0.48<br>0.00  | 31.75<br>0.88<br>5.93   | 41.15<br>0.84<br>3.65   | 43.89<br>0.87<br>0.44   | 38.51<br>0.61<br>0.00   | 41.30<br>0.61<br>0.00   | 42.25<br>0.54<br>0.00   | 43.55<br>0.52<br>0.00   | 47.96<br>0.00<br>0.00   | 50.70<br>0.10<br>0.00   | 57.40<br>0.23<br>0.00   | 77.32<br>1.07<br>0.00  | 97.86<br>2.13<br>5.89    | 101.89<br>2.41<br>10.12  | 83.09<br>1.65<br>10.45   | 60.16<br>0.72<br>6.17   | 46.22<br>0.39<br>2.63  | 43.50<br>0.44<br>0.91  | 38.13<br>0.39<br>0.90  |
| UNION___PROCESSING_DRP<br>323587              | 33.15<br>-0.47<br>0.02  | 28.87<br>-0.45<br>0.52 | 27.24<br>-0.41<br>0.00  | 26.25<br>-0.35<br>0.10  | 27.79<br>-0.37<br>0.00  | 30.18<br>-0.48<br>1.17 | 36.59<br>-0.66<br>-0.46 | 42.85<br>-1.28<br>-0.15 | 42.18<br>-1.17<br>0.10  | 38.38<br>-0.80<br>-1.27 | 40.83<br>-0.98<br>-1.12 | 42.03<br>-0.88<br>-1.20 | 46.48<br>-0.43<br>-3.88 | 52.17<br>-0.10<br>-4.31 | 55.00<br>-0.15<br>-4.55 | 56.96<br>-0.40<br>-0.19 | 74.73<br>-1.53<br>0.00 | 99.99<br>-1.63<br>0.00   | 108.94<br>-0.66<br>0.00  | 92.53<br>0.64<br>0.00    | 64.70<br>-0.92<br>0.00  | 48.31<br>-0.15<br>0.00 | 43.40<br>-0.57<br>0.00 | 38.45<br>-0.19<br>0.00 |
| UPPER HUDSON___HYD<br>24058                   | 34.55<br>0.91<br>0.00   | 30.76<br>0.93<br>0.00  | 28.54<br>0.88<br>0.00   | 27.58<br>0.88<br>0.00   | 29.08<br>0.93<br>0.00   | 32.90<br>1.08<br>0.00  | 50.87<br>1.51<br>-12.57 | 53.38<br>1.67<br>-7.74  | 45.77<br>1.39<br>-0.93  | 38.59<br>0.68<br>0.00   | 41.05<br>0.37<br>0.00   | 42.08<br>0.37<br>0.00   | 43.34<br>0.30<br>0.00   | 48.15<br>0.19<br>0.00   | 50.89<br>0.31<br>0.02   | 57.91<br>0.74<br>0.00   | 78.46<br>2.21<br>0.00  | 118.49<br>4.27<br>-12.60 | 136.72<br>5.48<br>-21.64 | 118.28<br>4.04<br>-22.35 | 81.18<br>2.36<br>-13.20 | 55.44<br>1.41<br>-5.57 | 47.13<br>1.23<br>-1.93 | 41.58<br>1.04<br>-1.90 |
| UPPER RAQUET___HYD<br>24056                   | 33.93<br>0.14<br>-0.15  | 30.02<br>0.18<br>0.00  | 27.87<br>0.14<br>-0.07  | 26.82<br>0.08<br>-0.04  | 28.38<br>0.14<br>-0.08  | 32.11<br>0.29<br>0.00  | 37.88<br>0.66<br>-0.42  | 45.95<br>1.01<br>-0.97  | 44.49<br>0.43<br>-0.61  | 38.84<br>0.46<br>-0.48  | 41.64<br>0.53<br>-0.42  | 42.76<br>0.67<br>-0.39  | 44.83<br>0.34<br>-1.45  | 50.15<br>0.58<br>-1.61  | 52.56<br>0.25<br>-1.70  | 59.21<br>0.11<br>-1.93  | 76.25<br>0.00<br>0.00  | 100.70<br>-0.92<br>0.00  | 108.84<br>-0.76<br>0.00  | 91.52<br>-0.37<br>0.00   | 66.27<br>0.66<br>0.00   | 49.23<br>0.77<br>0.00  | 44.72<br>0.75<br>0.00  | 38.99<br>0.35<br>0.00  |
| VALLEY44_115KV_TB2<br>355964                  | 32.83<br>-0.91<br>-0.10 | 28.42<br>-1.01<br>0.41 | 26.68<br>-1.02<br>-0.05 | 25.85<br>-0.80<br>0.05  | 27.23<br>-0.99<br>-0.05 | 29.74<br>-1.18<br>0.91 | 35.67<br>-1.80<br>-0.67 | 42.00<br>-2.55<br>-0.58 | 41.47<br>-2.26<br>-0.28 | 37.22<br>-1.97<br>-1.28 | 39.78<br>-2.03<br>-1.13 | 40.95<br>-1.96<br>-1.21 | 45.52<br>-1.42<br>-3.91 | 51.10<br>-1.20<br>-4.34 | 53.31<br>-1.87<br>-4.58 | 55.76<br>-2.69<br>-1.28 | 71.45<br>-4.80<br>0.00 | 96.33<br>-5.28<br>0.00   | 105.76<br>-3.84<br>0.00  | 89.41<br>-2.48<br>0.00   | 62.01<br>-3.61<br>0.00  | 46.81<br>-1.65<br>0.00 | 42.08<br>-1.89<br>0.00 | 37.36<br>-1.28<br>0.00 |
| VALLEY___115KV_TB 1-4<br>80826                | 34.35<br>0.71<br>0.00   | 30.52<br>0.69<br>0.00  | 28.29<br>0.64<br>0.00   | 27.31<br>0.61<br>0.00   | 28.78<br>0.62<br>0.00   | 32.55<br>0.73<br>0.00  | 37.75<br>0.96<br>0.00   | 45.16<br>1.19<br>0.00   | 44.58<br>1.13<br>0.00   | 38.85<br>0.95<br>0.00   | 41.70<br>1.02<br>0.00   | 42.75<br>1.04<br>0.00   | 44.11<br>1.08<br>0.00   | 49.02<br>1.06<br>0.00   | 51.71<br>1.11<br>0.00   | 58.54<br>1.37<br>0.00   | 78.23<br>1.98<br>0.00  | 104.87<br>3.25<br>0.00   | 113.11<br>3.51<br>0.00   | 94.64<br>2.76<br>0.00    | 67.26<br>1.64<br>0.00   | 49.62<br>1.16<br>0.00  | 44.94<br>0.97<br>0.00  | 39.49<br>0.85<br>0.00  |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E<br>345011 | 35.10<br>1.21<br>-0.25  | 30.94<br>1.10<br>0.00  | 28.80<br>1.02<br>-0.12  | 27.78<br>1.01<br>-0.07  | 29.30<br>1.01<br>-0.13  | 32.97<br>1.15<br>0.00  | 39.04<br>1.55<br>-0.70  | 46.77<br>1.93<br>-0.86  | 46.18<br>1.87<br>-0.86  | 40.10<br>1.52<br>-0.67  | 42.87<br>1.59<br>-0.60  | 43.93<br>1.58<br>-0.64  | 46.77<br>1.68<br>-2.06  | 51.78<br>1.53<br>-2.28  | 54.58<br>1.57<br>-2.41  | 61.95<br>2.06<br>-2.72  | 79.45<br>3.20<br>0.00  | 107.51<br>5.89<br>0.00   | 116.06<br>6.47<br>0.00   | 97.03<br>5.15<br>0.00    | 68.50<br>2.89<br>0.00   | 50.50<br>2.04<br>0.00  | 45.73<br>1.76<br>0.00  | 40.18<br>1.55<br>0.00  |
| VISCHER___FERRY HYD<br>24020                  | 34.75<br>1.11<br>0.00   | 30.85<br>1.02<br>0.00  | 28.60<br>0.94<br>0.00   | 27.63<br>0.93<br>0.00   | 29.14<br>0.99<br>0.00   | 32.94<br>1.11<br>0.00  | 60.42<br>1.58<br>-22.04 | 59.31<br>1.76<br>-13.58 | 46.73<br>1.65<br>-1.62  | 39.20<br>1.29<br>0.00   | 41.95<br>1.26<br>0.00   | 42.96<br>1.25<br>0.00   | 44.15<br>1.12<br>0.00   | 48.87<br>0.91<br>0.00   | 51.54<br>0.96<br>0.02   | 58.49<br>1.32<br>0.00   | 78.85<br>2.59<br>0.00  | 128.08<br>4.37<br>-22.09 | 152.47<br>4.94<br>-37.94 | 134.84<br>3.77<br>-39.18 | 90.99<br>2.23<br>-23.14 | 59.74<br>1.50<br>-9.78 | 48.77<br>1.41<br>-3.39 | 43.24<br>1.27<br>-3.33 |
| V_A_10_SYNC_DSASP<br>323832                   | 32.69<br>-0.94<br>0.01  | 28.50<br>-0.84<br>0.50 | 26.77<br>-0.88<br>0.00  | 25.96<br>-0.64<br>0.09  | 27.34<br>-0.82<br>0.00  | 29.62<br>-1.08<br>1.12 | 35.41<br>-1.84<br>-0.45 | 41.11<br>-3.03<br>-0.17 | 40.64<br>-2.74<br>0.07  | 36.94<br>-2.20<br>-1.23 | 39.33<br>-2.44<br>-1.09 | 40.61<br>-2.25<br>-1.16 | 45.02<br>-1.76<br>-3.75 | 50.59<br>-1.53<br>-4.17 | 53.18<br>-1.82<br>-4.40 | 54.78<br>-2.63<br>-0.24 | 71.29<br>-4.96<br>0.00 | 95.22<br>-6.40<br>0.00   | 104.34<br>-5.26<br>0.00  | 88.86<br>-3.03<br>0.00   | 61.81<br>-3.81<br>0.00  | 46.57<br>-1.89<br>0.00 | 41.99<br>-1.98<br>0.00 | 37.60<br>-1.04<br>0.00 |
| V_CMM_10_SYNC_DSASP<br>323787                 | 33.61<br>-0.03<br>0.00  | 29.81<br>-0.03<br>0.00 | 27.63<br>-0.03<br>0.00  | 26.62<br>-0.08<br>0.00  | 28.13<br>-0.03<br>0.00  | 31.85<br>0.03<br>0.00  | 36.80<br>0.00<br>0.00   | 44.06<br>0.09<br>0.00   | 43.32<br>-0.13<br>0.00  | 37.94<br>0.04<br>0.00   | 40.73<br>0.04<br>0.00   | 41.91<br>0.21<br>0.00   | 43.03<br>0.00<br>0.00   | 48.30<br>0.34<br>0.00   | 50.75<br>0.15<br>0.00   | 57.11<br>-0.06<br>0.00  | 75.95<br>-0.31<br>0.00 | 100.50<br>-1.12<br>0.00  | 108.28<br>-1.32<br>0.00  | 90.88<br>-1.01<br>0.00   | 65.68<br>0.07<br>0.00   | 48.56<br>0.10<br>0.00  | 44.10<br>0.13<br>0.00  | 38.60<br>-0.04<br>0.00 |
| V_CMP_10_SYNC_DSASP<br>323788                 | 33.61<br>-0.03<br>0.00  | 29.72<br>-0.12<br>0.00 | 27.43<br>-0.22<br>0.00  | 26.40<br>-0.29<br>0.00  | 27.93<br>-0.23<br>0.00  | 31.85<br>0.03<br>0.00  | 37.27<br>0.48<br>0.00   | 44.90<br>0.92<br>0.00   | 44.10<br>0.65<br>0.00   | 39.01<br>1.10<br>0.00   | 42.15<br>1.46<br>0.00   | 42.75<br>1.04<br>0.00   | 43.08<br>0.04<br>0.00   | 46.95<br>-1.01<br>0.00  | 48.57<br>-2.03<br>0.00  | 54.54<br>-2.63<br>0.00  | 73.12<br>-3.13<br>0.00 | 97.15<br>-4.47<br>0.00   | 104.56<br>-5.04<br>0.00  | 87.39<br>-4.50<br>0.00   | 62.86<br>-2.75<br>0.00  | 46.57<br>-1.89<br>0.00 | 43.35<br>-0.62<br>0.00 | 38.25<br>-0.39<br>0.00 |
| V_D_10_SYNC_DSASP<br>323841                   | 33.74<br>0.10<br>0.00   | 29.96<br>0.12<br>0.00  | 27.77<br>0.11<br>0.00   | 26.75<br>0.05<br>0.00   | 28.24<br>0.08<br>0.00   | 32.01<br>0.19<br>0.00  | 37.06<br>0.26<br>0.00   | 44.37<br>0.39<br>0.00   | 43.54<br>0.09<br>0.00   | 38.13<br>0.23<br>0.00   | 40.97<br>0.29<br>0.00   | 42.08<br>0.37<br>0.00   | 43.21<br>0.17<br>0.00   | 48.44<br>0.48<br>0.00   | 50.91<br>0.31<br>0.00   | 57.34<br>0.17<br>0.00   | 76.33<br>0.08<br>0.00  | 100.91<br>-0.71<br>0.00  | 108.84<br>-0.76<br>0.00  | 91.43<br>-0.46<br>0.00   | 66.14<br>0.52<br>0.00   | 48.90<br>0.44<br>0.00  | 44.36<br>0.39<br>0.00  | 38.79<br>0.16<br>0.00  |
| V_E_10_SYNC_DSASP<br>323830                   | 35.43<br>1.31<br>-0.48  | 31.09<br>1.25<br>0.00  | 29.10<br>1.22<br>-0.23  | 28.03<br>1.20<br>-0.13  | 29.61<br>1.21<br>-0.24  | 33.32<br>1.50<br>0.00  | 40.34<br>2.21<br>-1.34  | 49.62<br>2.90<br>-2.74  | 48.33<br>3.30<br>-1.58  | 41.35<br>2.20<br>-1.24  | 43.90<br>2.11<br>-1.10  | 45.17<br>2.29<br>-1.17  | 49.40<br>2.58<br>-3.79  | 54.80<br>2.64<br>-4.20  | 57.72<br>2.68<br>-4.44  | 66.02<br>3.83<br>-5.02  | 82.20<br>5.95<br>0.00  | 112.19<br>10.57<br>0.00  | 123.08<br>13.48<br>0.00  | 103.28<br>11.39<br>0.00  | 72.05<br>6.43<br>0.00   | 52.97<br>4.51<br>0.00  | 47.31<br>3.34<br>0.00  | 41.34<br>2.70<br>0.00  |



|                                            |                         |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                          |                          |                          |                         |                        |                        |                        |
|--------------------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| V_F_30_NSYNC___DSASP<br>323816             | 34.92<br>1.28<br>0.00   | 31.03<br>1.19<br>0.00  | 28.76<br>1.11<br>0.00   | 27.79<br>1.09<br>0.00  | 29.31<br>1.15<br>0.00   | 33.16<br>1.34<br>0.00  | 52.35<br>1.77<br>-13.79 | 54.49<br>2.02<br>-8.49  | 46.29<br>1.82<br>-1.02  | 39.12<br>1.21<br>0.00   | 41.74<br>1.06<br>0.00   | 42.75<br>1.04<br>0.00   | 44.02<br>0.99<br>0.00   | 48.82<br>0.86<br>0.00   | 51.59<br>1.01<br>0.02   | 58.60<br>1.43<br>0.00   | 79.15<br>2.90<br>0.00  | 120.42<br>4.98<br>-13.83 | 139.26<br>5.91<br>-23.74 | 121.00<br>4.59<br>-24.52 | 82.85<br>2.76<br>-14.48 | 56.42<br>1.84<br>-6.12 | 47.76<br>1.67<br>-2.12 | 42.15<br>1.43<br>-2.08 |
| V_F_30_SYNC_DSASP<br>323786                | 34.11<br>0.47<br>0.00   | 30.31<br>0.48<br>0.00  | 28.10<br>0.44<br>0.00   | 27.15<br>0.45<br>0.00  | 28.64<br>0.48<br>0.00   | 32.36<br>0.54<br>0.00  | 44.36<br>0.96<br>-6.61  | 49.01<br>0.97<br>-4.07  | 44.89<br>0.96<br>-0.49  | 38.59<br>0.68<br>0.00   | 41.34<br>0.65<br>0.00   | 42.25<br>0.54<br>0.00   | 43.59<br>0.56<br>0.00   | 48.06<br>0.10<br>0.00   | 50.80<br>0.20<br>0.00   | 57.57<br>0.40<br>0.00   | 77.55<br>1.30<br>0.00  | 110.70<br>2.44<br>-6.65  | 123.86<br>2.85<br>-11.41 | 105.61<br>1.93<br>-11.79 | 73.50<br>0.92<br>-6.96  | 51.88<br>0.48<br>-2.93 | 45.51<br>0.53<br>-1.02 | 40.10<br>0.46<br>-1.00 |
| V_XM_10_SYNC_DSASP<br>323789               | 33.61<br>-0.03<br>0.00  | 29.72<br>-0.12<br>0.00 | 27.43<br>-0.22<br>0.00  | 26.40<br>-0.29<br>0.00 | 27.93<br>-0.23<br>0.00  | 31.85<br>0.03<br>0.00  | 37.27<br>0.48<br>0.00   | 44.90<br>0.92<br>0.00   | 44.10<br>0.65<br>0.00   | 39.01<br>1.10<br>0.00   | 42.15<br>1.46<br>0.00   | 42.75<br>1.04<br>0.00   | 43.08<br>0.04<br>0.00   | 46.95<br>-1.01<br>0.00  | 48.57<br>-2.03<br>0.00  | 54.54<br>-2.63<br>0.00  | 73.12<br>-3.13<br>0.00 | 97.15<br>-4.47<br>0.00   | 104.56<br>-5.04<br>0.00  | 87.39<br>-4.50<br>0.00   | 62.86<br>-2.75<br>0.00  | 46.57<br>-1.89<br>0.00 | 43.35<br>-0.62<br>0.00 | 38.25<br>-0.39<br>0.00 |
| W.BABYLN_69_KV_BK1<br>56697                | 36.10<br>2.46<br>0.00   | 31.84<br>2.00<br>0.00  | 29.26<br>1.60<br>0.00   | 28.06<br>1.36<br>0.00  | 29.51<br>1.35<br>0.00   | 33.51<br>1.69<br>0.00  | 41.00<br>2.21<br>-2.00  | 47.12<br>1.93<br>-1.22  | 45.98<br>2.39<br>-0.13  | 40.82<br>2.92<br>0.00   | 44.02<br>3.34<br>0.00   | 43.82<br>3.34<br>1.22   | 46.19<br>3.36<br>0.20   | 50.33<br>2.54<br>0.17   | 53.39<br>2.99<br>0.19   | 60.33<br>3.72<br>0.56   | 79.91<br>5.11<br>1.45  | 108.30<br>7.93<br>1.24   | 117.14<br>7.78<br>0.24   | 89.57<br>5.70<br>8.02    | 69.58<br>3.28<br>-0.68  | 51.45<br>2.13<br>-0.86 | 46.34<br>2.07<br>-0.30 | 41.57<br>2.63<br>-0.30 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G<br>345027  | 35.69<br>2.05<br>0.00   | 31.60<br>1.76<br>0.00  | 29.12<br>1.47<br>0.00   | 28.08<br>1.39<br>0.00  | 29.54<br>1.38<br>0.00   | 33.41<br>1.59<br>0.00  | 40.73<br>2.06<br>-1.87  | 47.59<br>2.46<br>-1.15  | 46.41<br>2.82<br>-0.14  | 40.48<br>2.58<br>0.00   | 43.58<br>2.89<br>0.00   | 44.54<br>2.84<br>0.00   | 46.05<br>3.01<br>0.00   | 50.55<br>2.59<br>0.00   | 53.33<br>2.73<br>0.00   | 60.26<br>3.09<br>0.00   | 81.36<br>5.11<br>0.00  | 111.55<br>8.13<br>-1.80  | 121.02<br>8.33<br>-3.09  | 101.24<br>6.16<br>-3.19  | 70.91<br>3.41<br>-1.89  | 51.42<br>2.13<br>-0.83 | 46.50<br>2.24<br>-0.29 | 40.93<br>2.01<br>-0.28 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J<br>345008 | 36.00<br>2.35<br>0.00   | 31.87<br>2.03<br>0.00  | 29.31<br>1.66<br>0.00   | 28.24<br>1.55<br>0.00  | 29.68<br>1.52<br>0.00   | 33.60<br>1.78<br>0.00  | 41.04<br>2.24<br>-2.00  | 47.80<br>2.59<br>-1.23  | 46.68<br>3.09<br>-0.15  | 40.75<br>2.84<br>0.00   | 43.90<br>3.21<br>0.00   | 44.92<br>3.21<br>0.00   | 46.43<br>3.40<br>0.00   | 50.84<br>2.88<br>0.00   | 53.64<br>3.04<br>0.00   | 60.49<br>3.32<br>0.00   | 81.74<br>5.49<br>0.00  | 112.04<br>8.43<br>-1.99  | 121.56<br>8.55<br>-3.41  | 101.66<br>6.25<br>-3.52  | 71.24<br>3.54<br>-2.08  | 51.48<br>2.13<br>-0.89 | 46.65<br>2.37<br>-0.31 | 41.10<br>2.16<br>-0.30 |
| W50THST__13_KV_LOAD<br>356117              | 36.23<br>2.59<br>0.00   | 32.02<br>2.18<br>0.00  | 29.45<br>1.80<br>0.00   | 28.38<br>1.68<br>0.00  | 29.82<br>1.66<br>0.00   | 33.76<br>1.94<br>0.00  | 41.26<br>2.47<br>-2.00  | 48.06<br>2.86<br>-1.23  | 46.99<br>3.39<br>-0.15  | 41.01<br>3.11<br>0.00   | 44.19<br>3.50<br>0.00   | 45.21<br>3.50<br>0.00   | 46.73<br>3.70<br>0.00   | 51.22<br>3.26<br>0.00   | 54.04<br>3.44<br>0.00   | 60.94<br>3.77<br>0.00   | 82.27<br>6.02<br>0.00  | 112.85<br>9.25<br>-1.99  | 122.33<br>9.32<br>-3.41  | 102.21<br>6.80<br>-3.52  | 71.63<br>3.94<br>-2.08  | 51.77<br>2.42<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.30<br>2.36<br>-0.30 |
| WADING RIVER_IC_1<br>23522                 | 35.22<br>1.58<br>0.00   | 31.03<br>1.19<br>0.00  | 28.51<br>0.86<br>0.00   | 27.26<br>0.56<br>0.00  | 28.72<br>0.56<br>0.00   | 32.68<br>0.86<br>0.00  | 39.97<br>1.18<br>-2.00  | 45.93<br>0.75<br>-1.21  | 44.52<br>0.91<br>-0.15  | 39.73<br>1.82<br>0.00   | 42.27<br>1.59<br>0.00   | 28.23<br>1.29<br>14.77  | 41.66<br>0.99<br>2.37   | 46.84<br>0.81<br>1.94   | 49.30<br>0.96<br>2.26   | 51.74<br>1.32<br>6.75   | 61.09<br>2.37<br>17.53 | 68.94<br>4.37<br>37.05   | 74.14<br>4.06<br>39.52   | 64.18<br>2.30<br>30.01   | 52.19<br>0.92<br>14.34  | 49.33<br>0.24<br>-0.63 | 44.71<br>0.44<br>-0.30 | 40.37<br>1.43<br>-0.30 |
| WADING RIVER_IC_2<br>23547                 | 35.22<br>1.58<br>0.00   | 31.03<br>1.19<br>0.00  | 28.51<br>0.86<br>0.00   | 27.26<br>0.56<br>0.00  | 28.72<br>0.56<br>0.00   | 32.68<br>0.86<br>0.00  | 39.97<br>1.18<br>-2.00  | 45.93<br>0.75<br>-1.21  | 44.52<br>0.91<br>-0.15  | 39.73<br>1.82<br>0.00   | 42.27<br>1.59<br>0.00   | 28.23<br>1.29<br>14.77  | 41.66<br>0.99<br>2.37   | 46.84<br>0.81<br>1.94   | 49.30<br>0.96<br>2.26   | 51.74<br>1.32<br>6.75   | 61.09<br>2.37<br>17.53 | 68.94<br>4.37<br>37.05   | 74.14<br>4.06<br>39.52   | 64.18<br>2.30<br>30.01   | 52.19<br>0.92<br>14.34  | 49.33<br>0.24<br>-0.63 | 44.71<br>0.44<br>-0.30 | 40.37<br>1.43<br>-0.30 |
| WADING RIVER_IC_3<br>23601                 | 35.22<br>1.58<br>0.00   | 31.03<br>1.19<br>0.00  | 28.51<br>0.86<br>0.00   | 27.26<br>0.56<br>0.00  | 28.72<br>0.56<br>0.00   | 32.68<br>0.86<br>0.00  | 39.97<br>1.18<br>-2.00  | 45.93<br>0.75<br>-1.21  | 44.52<br>0.91<br>-0.15  | 39.73<br>1.82<br>0.00   | 42.27<br>1.59<br>0.00   | 28.23<br>1.29<br>14.77  | 41.66<br>0.99<br>2.37   | 46.84<br>0.81<br>1.94   | 49.30<br>0.96<br>2.26   | 51.74<br>1.32<br>6.75   | 61.09<br>2.37<br>17.53 | 68.94<br>4.37<br>37.05   | 74.14<br>4.06<br>39.52   | 64.18<br>2.30<br>30.01   | 52.19<br>0.92<br>14.34  | 49.33<br>0.24<br>-0.63 | 44.71<br>0.44<br>-0.30 | 40.37<br>1.43<br>-0.30 |
| WALDENNY_12_KV_BK2<br>80841                | 32.89<br>-0.81<br>-0.05 | 28.59<br>-0.81<br>0.44 | 26.83<br>-0.86<br>-0.03 | 26.04<br>-0.59<br>0.07 | 27.40<br>-0.79<br>-0.03 | 29.84<br>-0.99<br>0.99 | 35.62<br>-1.77<br>-0.59 | 41.54<br>-2.86<br>-0.43 | 41.08<br>-2.52<br>-0.15 | 37.13<br>-2.05<br>-1.27 | 39.61<br>-2.20<br>-1.12 | 40.86<br>-2.04<br>-1.20 | 45.44<br>-1.46<br>-3.87 | 51.16<br>-1.10<br>-4.30 | 53.77<br>-1.37<br>-4.54 | 55.84<br>-2.23<br>-0.90 | 71.83<br>-4.42<br>0.00 | 96.23<br>-5.39<br>0.00   | 105.87<br>-3.73<br>0.00  | 89.96<br>-1.93<br>0.00   | 62.34<br>-3.28<br>0.00  | 46.91<br>-1.55<br>0.00 | 42.26<br>-1.71<br>0.00 | 37.87<br>-0.77<br>0.00 |
| WALDEN___HYDRO<br>24148                    | 35.42<br>1.78<br>0.00   | 31.36<br>1.52<br>0.00  | 28.95<br>1.30<br>0.00   | 27.95<br>1.25<br>0.00  | 29.40<br>1.24<br>0.00   | 33.25<br>1.43<br>0.00  | 40.05<br>1.88<br>-1.38  | 47.06<br>2.24<br>-0.85  | 46.20<br>2.65<br>-0.10  | 40.26<br>2.35<br>0.00   | 43.29<br>2.60<br>0.00   | 44.25<br>2.54<br>0.00   | 45.74<br>2.71<br>0.00   | 50.31<br>2.35<br>0.00   | 53.08<br>2.48<br>0.00   | 60.09<br>2.92<br>0.00   | 81.13<br>4.88<br>0.00  | 110.65<br>7.82<br>-1.21  | 119.90<br>8.22<br>-2.08  | 100.19<br>6.16<br>-2.15  | 70.30<br>3.41<br>-1.27  | 51.20<br>2.13<br>-0.61 | 46.34<br>2.15<br>-0.21 | 40.78<br>1.93<br>-0.21 |
| WARRENSBURG____<br>23737                   | 34.55<br>0.91<br>0.00   | 30.76<br>0.92<br>0.00  | 28.54<br>0.88<br>0.00   | 27.58<br>0.88<br>0.00  | 29.09<br>0.93<br>0.00   | 32.90<br>1.08<br>0.00  | 50.87<br>1.51<br>-12.57 | 53.38<br>1.67<br>-7.74  | 45.81<br>1.43<br>-0.92  | 38.63<br>0.72<br>0.00   | 41.13<br>0.45<br>0.00   | 42.12<br>0.42<br>0.00   | 43.51<br>0.47<br>0.00   | 48.10<br>0.14<br>0.00   | 50.95<br>0.35<br>0.00   | 57.91<br>0.74<br>0.00   | 78.46<br>2.21<br>0.00  | 118.49<br>4.27<br>-12.60 | 136.72<br>5.48<br>-21.64 | 118.28<br>4.04<br>-22.35 | 81.18<br>2.36<br>-13.20 | 55.44<br>1.41<br>-5.57 | 47.18<br>1.28<br>-1.93 | 41.58<br>1.04<br>-1.90 |
| WATERSIDE___6 8 9<br>23538                 | 36.10<br>2.46<br>-0.01  | 31.99<br>2.15<br>-0.01 | 29.43<br>1.77<br>-0.01  | 28.36<br>1.66<br>-0.01 | 29.80<br>1.63<br>-0.01  | 33.74<br>1.91<br>-0.01 | 41.15<br>2.35<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.68<br>3.09<br>-0.15  | 40.82<br>2.92<br>0.00   | 43.90<br>3.21<br>0.00   | 44.92<br>3.21<br>0.00   | 46.48<br>3.44<br>0.00   | 50.74<br>2.78<br>0.00   | 53.48<br>2.88<br>0.00   | 60.26<br>3.09<br>0.00   | 81.44<br>5.19<br>0.00  | 111.84<br>8.23<br>-1.99  | 121.23<br>8.22<br>-3.41  | 101.29<br>5.88<br>-3.52  | 70.91<br>3.22<br>-2.08  | 51.28<br>1.94<br>-0.89 | 46.74<br>2.46<br>-0.31 | 41.26<br>2.32<br>-0.30 |
| WATKINRD_115KV_LN8_ILLION<br>55919         | 34.15<br>0.50<br>0.00   | 30.31<br>0.48<br>0.00  | 28.10<br>0.44<br>0.00   | 27.15<br>0.45<br>0.00  | 28.61<br>0.45<br>0.00   | 32.33<br>0.51<br>0.00  | 37.50<br>0.70<br>0.00   | 44.85<br>0.88<br>0.00   | 44.28<br>0.83<br>0.00   | 38.59<br>0.68<br>0.00   | 41.42<br>0.73<br>0.00   | 42.46<br>0.75<br>0.00   | 43.81<br>0.77<br>0.00   | 48.68<br>0.72<br>0.00   | 51.36<br>0.76<br>0.00   | 58.14<br>0.97<br>0.00   | 77.70<br>1.45<br>0.00  | 104.06<br>2.44<br>0.00   | 112.23<br>2.63<br>0.00   | 94.00<br>2.11<br>0.00    | 66.80<br>1.18<br>0.00   | 49.28<br>0.82<br>0.00  | 44.67<br>0.70<br>0.00  | 39.26<br>0.62<br>0.00  |



|                                            |                         |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                          |                          |                          |                         |                        |                        |                        |
|--------------------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| WDELAWARE___HYD<br>323627                  | 35.36<br>1.71<br>0.00   | 31.30<br>1.46<br>0.00  | 28.90<br>1.25<br>0.00   | 27.92<br>1.23<br>0.00   | 29.37<br>1.21<br>0.00   | 33.22<br>1.40<br>0.00  | 38.71<br>1.91<br>0.00   | 46.30<br>2.33<br>0.00   | 45.93<br>2.48<br>0.00   | 40.14<br>2.24<br>0.00   | 42.90<br>2.24<br>0.03   | 43.89<br>2.25<br>0.07   | 45.24<br>2.32<br>0.12   | 49.91<br>2.25<br>0.30   | 52.49<br>2.28<br>0.39   | 59.29<br>2.80<br>0.68   | 80.66<br>4.81<br>0.40  | 109.09<br>7.93<br>0.46   | 118.15<br>8.55<br>0.00   | 98.41<br>6.52<br>0.00    | 69.16<br>3.54<br>0.00   | 50.64<br>2.18<br>0.00  | 46.08<br>2.11<br>0.00  | 40.53<br>1.89<br>0.00  |
| WEST BABYLON___IC<br>23714                 | 36.10<br>2.46<br>0.00   | 31.84<br>2.00<br>0.00  | 29.26<br>1.60<br>0.00   | 28.06<br>1.36<br>0.00   | 29.51<br>1.35<br>0.00   | 33.51<br>1.69<br>0.00  | 41.00<br>2.21<br>-2.00  | 47.12<br>1.93<br>-1.22  | 45.98<br>2.39<br>-0.13  | 40.82<br>2.92<br>0.00   | 44.02<br>3.34<br>0.00   | 43.82<br>3.34<br>1.22   | 46.19<br>3.36<br>0.20   | 50.33<br>2.54<br>0.17   | 53.39<br>2.99<br>0.19   | 60.33<br>3.72<br>0.56   | 79.91<br>5.11<br>1.45  | 108.30<br>7.93<br>1.24   | 117.14<br>7.78<br>0.24   | 89.57<br>5.70<br>8.02    | 69.58<br>3.28<br>-0.68  | 51.45<br>2.13<br>-0.86 | 46.34<br>2.07<br>-0.30 | 41.57<br>2.63<br>-0.30 |
| WEST CANADA___HYD<br>24049                 | 33.74<br>0.10<br>0.00   | 29.96<br>0.12<br>0.00  | 27.77<br>0.11<br>0.00   | 26.80<br>0.11<br>0.00   | 28.27<br>0.11<br>0.00   | 31.95<br>0.13<br>0.00  | 37.02<br>0.22<br>0.00   | 44.24<br>0.27<br>0.00   | 43.71<br>0.26<br>0.00   | 38.10<br>0.19<br>0.00   | 40.89<br>0.20<br>0.00   | 41.92<br>0.21<br>0.00   | 43.25<br>0.22<br>0.00   | 48.06<br>0.10<br>0.00   | 50.70<br>0.10<br>0.00   | 57.34<br>0.17<br>0.00   | 76.71<br>0.46<br>0.00  | 102.53<br>0.91<br>0.00   | 110.58<br>0.98<br>0.00   | 92.62<br>0.73<br>0.00    | 65.95<br>0.33<br>0.00   | 48.65<br>0.19<br>0.00  | 44.10<br>0.13<br>0.00  | 38.75<br>0.12<br>0.00  |
| WESTERN_NY_WIND<br>24143                   | 33.05<br>-0.61<br>-0.01 | 28.82<br>-0.54<br>0.49 | 27.11<br>-0.55<br>-0.01 | 26.21<br>-0.40<br>0.08  | 27.72<br>-0.45<br>-0.01 | 30.07<br>-0.67<br>1.08 | 36.13<br>-1.18<br>-0.52 | 42.27<br>-1.98<br>-0.27 | 41.60<br>-1.87<br>-0.02 | 37.81<br>-1.36<br>-1.27 | 40.18<br>-1.63<br>-1.12 | 41.36<br>-1.54<br>-1.19 | 45.99<br>-0.90<br>-3.86 | 51.81<br>-0.43<br>-4.29 | 54.52<br>-0.61<br>-4.53 | 56.48<br>-1.20<br>-0.51 | 73.43<br>-2.82<br>0.00 | 98.57<br>-3.05<br>0.00   | 108.17<br>-1.42<br>0.00  | 92.26<br>0.37<br>0.00    | 63.98<br>-1.64<br>0.00  | 48.07<br>-0.39<br>0.00 | 43.13<br>-0.84<br>0.00 | 38.79<br>0.15<br>0.00  |
| WESTOVER___LESR<br>323668                  | 34.22<br>0.20<br>-0.38  | 29.86<br>0.15<br>0.13  | 27.98<br>0.14<br>-0.18  | 26.93<br>0.16<br>-0.08  | 28.46<br>0.11<br>-0.19  | 31.63<br>0.10<br>0.29  | 38.13<br>0.15<br>-1.19  | 45.88<br>0.09<br>-1.82  | 45.33<br>0.13<br>-1.75  | 39.32<br>0.04<br>-1.37  | 41.94<br>0.04<br>-1.21  | 43.04<br>0.04<br>-1.29  | 47.44<br>0.22<br>-4.19  | 52.75<br>0.14<br>-4.65  | 55.66<br>0.15<br>-4.91  | 62.89<br>0.17<br>-5.55  | 76.33<br>0.08<br>0.00  | 102.63<br>1.02<br>0.00   | 111.13<br>1.53<br>0.00   | 93.36<br>1.47<br>0.00    | 65.75<br>0.13<br>0.00   | 48.70<br>0.24<br>0.00  | 44.01<br>0.04<br>0.00  | 38.79<br>0.15<br>0.00  |
| WETHRSFD_WT_PWR<br>323626                  | 32.80<br>-0.98<br>-0.13 | 28.50<br>-0.96<br>0.38 | 26.75<br>-0.97<br>-0.07 | 25.91<br>-0.75<br>0.03  | 27.33<br>-0.90<br>-0.07 | 29.89<br>-1.08<br>0.85 | 35.85<br>-1.69<br>-0.74 | 43.70<br>-2.59<br>-2.33 | 41.83<br>-2.04<br>-0.42 | 36.08<br>-2.16<br>-0.33 | 39.10<br>-1.87<br>-0.28 | 40.50<br>-1.54<br>-0.34 | 43.43<br>-0.60<br>-1.00 | 47.18<br>-1.29<br>-0.51 | 50.19<br>-1.11<br>-0.70 | 56.24<br>-2.63<br>-1.69 | 71.75<br>-4.50<br>0.00 | 97.25<br>-4.37<br>0.00   | 106.64<br>-2.95<br>0.00  | 90.41<br>-1.47<br>0.00   | 62.73<br>-2.89<br>0.00  | 46.96<br>-1.50<br>0.00 | 42.39<br>-1.58<br>0.00 | 37.56<br>-1.08<br>0.00 |
| WHAVSTOR_138KV_BK127<br>55557              | 35.56<br>1.92<br>0.00   | 31.48<br>1.64<br>0.00  | 29.01<br>1.36<br>0.00   | 27.98<br>1.28<br>0.00   | 29.42<br>1.27<br>0.00   | 33.29<br>1.46<br>0.00  | 40.59<br>1.91<br>-1.88  | 47.33<br>2.20<br>-1.16  | 46.20<br>2.61<br>-0.14  | 40.29<br>2.39<br>0.00   | 43.41<br>2.73<br>0.00   | 44.33<br>2.63<br>0.00   | 45.83<br>2.80<br>0.00   | 50.31<br>2.35<br>0.00   | 53.08<br>2.48<br>0.00   | 59.97<br>2.80<br>0.00   | 80.90<br>4.65<br>0.00  | 110.85<br>7.42<br>-1.81  | 120.27<br>7.56<br>-3.11  | 100.61<br>5.51<br>-3.21  | 70.53<br>3.02<br>-1.90  | 51.14<br>1.84<br>-0.83 | 46.28<br>2.02<br>-0.29 | 40.74<br>1.82<br>-0.28 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G<br>345015 | 35.56<br>1.92<br>0.00   | 31.48<br>1.64<br>0.00  | 29.01<br>1.36<br>0.00   | 27.98<br>1.28<br>0.00   | 29.42<br>1.27<br>0.00   | 33.29<br>1.46<br>0.00  | 40.59<br>1.91<br>-1.88  | 47.33<br>2.20<br>-1.16  | 46.20<br>2.61<br>-0.14  | 40.29<br>2.39<br>0.00   | 43.41<br>2.73<br>0.00   | 44.33<br>2.63<br>0.00   | 45.83<br>2.80<br>0.00   | 50.31<br>2.35<br>0.00   | 53.08<br>2.48<br>0.00   | 59.97<br>2.80<br>0.00   | 80.90<br>4.65<br>0.00  | 110.85<br>7.42<br>-1.81  | 120.27<br>7.56<br>-3.11  | 100.61<br>5.51<br>-3.21  | 70.53<br>3.02<br>-1.90  | 51.14<br>1.84<br>-0.83 | 46.28<br>2.02<br>-0.29 | 40.74<br>1.82<br>-0.28 |
| WHITEHAL_115KV_TB1<br>80871                | 35.05<br>1.41<br>0.00   | 31.21<br>1.37<br>0.00  | 28.95<br>1.30<br>0.00   | 27.98<br>1.28<br>0.00   | 29.54<br>1.38<br>0.00   | 33.48<br>1.65<br>0.00  | 52.08<br>2.21<br>-13.07 | 54.57<br>2.55<br>-8.05  | 46.50<br>2.09<br>-0.96  | 39.04<br>1.14<br>0.00   | 41.54<br>0.85<br>0.00   | 42.54<br>0.83<br>0.00   | 43.89<br>0.86<br>0.00   | 48.58<br>0.62<br>0.00   | 51.51<br>0.91<br>0.00   | 58.66<br>1.49<br>0.00   | 79.61<br>3.36<br>0.00  | 120.93<br>6.20<br>-13.11 | 140.00<br>7.89<br>-22.52 | 121.21<br>6.06<br>-23.25 | 83.09<br>3.74<br>-13.73 | 56.63<br>2.37<br>-5.80 | 47.96<br>1.98<br>-2.01 | 42.28<br>1.66<br>-1.98 |
| WHITEPLN_13_KV_LOAD<br>356215              | 35.93<br>2.29<br>0.00   | 31.84<br>2.00<br>0.00  | 29.34<br>1.69<br>0.00   | 28.27<br>1.58<br>0.00   | 29.73<br>1.58<br>0.00   | 33.67<br>1.85<br>0.00  | 41.15<br>2.35<br>-1.99  | 48.06<br>2.86<br>-1.23  | 46.90<br>3.30<br>-0.15  | 40.90<br>2.99<br>0.00   | 44.06<br>3.38<br>0.00   | 45.04<br>3.34<br>0.00   | 46.60<br>3.57<br>0.00   | 51.13<br>3.17<br>0.00   | 53.89<br>3.29<br>0.00   | 60.83<br>3.66<br>0.00   | 82.20<br>5.95<br>0.00  | 112.64<br>9.04<br>-1.98  | 122.09<br>9.10<br>-3.39  | 102.19<br>6.80<br>-3.50  | 71.75<br>4.07<br>-2.07  | 51.77<br>2.42<br>-0.88 | 46.83<br>2.55<br>-0.31 | 41.26<br>2.32<br>-0.30 |
| WM_FLOYD_69_KV_BK2<br>356380               | 35.46<br>1.82<br>0.00   | 31.24<br>1.40<br>0.00  | 28.68<br>1.02<br>0.00   | 27.44<br>0.75<br>0.00   | 28.92<br>0.76<br>0.00   | 32.87<br>1.05<br>0.00  | 40.23<br>1.44<br>-2.00  | 46.24<br>1.06<br>-1.21  | 45.02<br>1.43<br>-0.13  | 40.03<br>2.12<br>0.00   | 43.05<br>2.36<br>0.00   | 29.39<br>2.25<br>14.57  | 42.89<br>2.19<br>2.33   | 47.15<br>1.10<br>1.91   | 49.76<br>1.42<br>2.25   | 52.35<br>1.83<br>6.66   | 61.87<br>2.90<br>17.28 | 70.19<br>5.08<br>36.51   | 75.59<br>4.93<br>38.94   | 65.35<br>3.12<br>29.67   | 52.94<br>1.44<br>14.12  | 49.72<br>0.63<br>-0.63 | 45.15<br>0.88<br>-0.30 | 40.68<br>1.74<br>-0.30 |
| WOODARD___115KV_TB2<br>355635              | 34.01<br>-0.30<br>-0.67 | 29.43<br>-0.27<br>0.14 | 27.76<br>-0.22<br>-0.33 | 26.64<br>-0.21<br>-0.15 | 28.25<br>-0.25<br>-0.35 | 31.22<br>-0.29<br>0.32 | 38.60<br>-0.22<br>-2.03 | 46.56<br>-0.22<br>-2.80 | 45.45<br>-0.17<br>-2.18 | 39.83<br>-0.23<br>-2.15 | 42.30<br>-0.28<br>-1.90 | 43.44<br>-0.29<br>-2.03 | 49.37<br>-0.22<br>-6.56 | 54.95<br>-0.29<br>-7.28 | 58.03<br>-0.25<br>-7.69 | 64.06<br>-0.17<br>-7.06 | 75.72<br>-0.53<br>0.00 | 101.31<br>-0.30<br>0.00  | 109.49<br>-0.11<br>0.00  | 92.16<br>0.28<br>0.00    | 65.29<br>-0.33<br>0.00  | 48.17<br>-0.29<br>0.00 | 43.53<br>-0.44<br>0.00 | 38.29<br>-0.35<br>0.00 |
| WOODMERE_69_KV_BK1<br>55827                | 36.06<br>2.42<br>0.00   | 31.84<br>2.00<br>0.00  | 29.26<br>1.60<br>0.00   | 28.08<br>1.39<br>0.00   | 29.54<br>1.38<br>0.00   | 33.51<br>1.69<br>0.00  | 40.89<br>2.10<br>-2.00  | 47.26<br>2.07<br>-1.22  | 46.11<br>2.52<br>-0.14  | 40.71<br>2.81<br>0.00   | 43.98<br>3.30<br>0.00   | 44.92<br>3.21<br>0.00   | 46.35<br>3.31<br>0.00   | 50.59<br>2.64<br>0.01   | 53.53<br>2.93<br>0.00   | 60.72<br>3.54<br>0.00   | 81.59<br>5.34<br>0.00  | 111.73<br>8.13<br>-1.98  | 121.12<br>8.11<br>-3.41  | 100.31<br>5.97<br>-2.45  | 71.10<br>3.41<br>-2.08  | 51.47<br>2.13<br>-0.88 | 46.38<br>2.11<br>-0.30 | 41.45<br>2.51<br>-0.30 |
| YORK___WARBASSE<br>23770                   | 36.10<br>2.46<br>-0.01  | 31.96<br>2.12<br>-0.01 | 29.41<br>1.74<br>-0.01  | 28.36<br>1.66<br>-0.01  | 29.80<br>1.63<br>-0.01  | 33.77<br>1.94<br>-0.01 | 41.15<br>2.35<br>-2.00  | 47.75<br>2.55<br>-1.23  | 46.68<br>3.09<br>-0.15  | 40.79<br>2.88<br>0.00   | 43.94<br>3.25<br>0.00   | 44.96<br>3.25<br>0.00   | 46.52<br>3.49<br>0.00   | 50.84<br>2.88<br>0.00   | 53.58<br>2.99<br>0.00   | 60.26<br>3.09<br>0.00   | 81.59<br>5.34<br>0.00  | 112.04<br>8.43<br>-1.99  | 121.45<br>8.44<br>-3.41  | 101.48<br>6.06<br>-3.52  | 71.04<br>3.35<br>-2.08  | 51.33<br>1.99<br>-0.89 | 46.87<br>2.59<br>-0.31 | 41.34<br>2.40<br>-0.30 |