

# Day Ahead Market Generator LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/18/2026

| 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     | 42.15 | 35.79 | 33.22 | 32.62 | 32.48 | 35.00 | 42.24 | 42.51 | 39.06 | 37.07 | 40.28 | 43.11 | 47.22 | 53.83 | 63.62  | 64.13  | 91.54  | 96.17  | 101.87 | 98.51 | 95.27 | 65.96 | 53.95 | 47.89 |
| 24138                | 3.52  | 2.59  | 2.45  | 2.36  | 2.43  | 2.53  | 3.13  | 3.51  | 3.45  | 3.73  | 4.02  | 4.48  | 5.10  | 5.56  | 5.15   | 5.65   | 7.00   | 9.06   | 10.94  | 11.18 | 9.82  | 5.94  | 4.82  | 4.11  |
|                      | 0.00  | -3.79 | -3.24 | -2.20 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.01 | -0.01 | -0.01 | -2.60 | -6.19 | -17.88 | -13.30 | -28.97 | -15.75 | -6.15  | -0.01 | -0.01 | 0.00  | 0.00  | 0.00  |
| 74TH STREET_GT_1     | 42.07 | 35.76 | 33.17 | 32.59 | 32.42 | 34.93 | 42.12 | 42.39 | 38.96 | 36.93 | 40.14 | 42.91 | 47.07 | 53.70 | 63.48  | 63.97  | 91.34  | 95.21  | 101.13 | 98.07 | 94.92 | 65.72 | 53.80 | 47.80 |
| 24260                | 3.44  | 2.56  | 2.40  | 2.33  | 2.37  | 2.47  | 3.01  | 3.39  | 3.35  | 3.60  | 3.88  | 4.29  | 4.94  | 5.30  | 5.03   | 5.51   | 6.83   | 8.85   | 10.77  | 10.74 | 9.48  | 5.70  | 4.67  | 4.03  |
|                      | 0.00  | -3.79 | -3.24 | -2.20 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.01 | -0.01 | -0.01 | -2.61 | -6.31 | -17.86 | -13.27 | -28.94 | -15.01 | -5.59  | -0.01 | -0.01 | 0.00  | 0.00  | 0.00  |
| 74TH STREET_GT_2     | 42.07 | 35.76 | 33.17 | 32.59 | 32.42 | 34.93 | 42.12 | 42.39 | 38.96 | 36.93 | 40.14 | 42.91 | 47.07 | 53.70 | 63.48  | 63.97  | 91.34  | 95.21  | 101.13 | 98.07 | 94.92 | 65.72 | 53.80 | 47.80 |
| 24261                | 3.44  | 2.56  | 2.40  | 2.33  | 2.37  | 2.47  | 3.01  | 3.39  | 3.35  | 3.60  | 3.88  | 4.29  | 4.94  | 5.30  | 5.03   | 5.51   | 6.83   | 8.85   | 10.77  | 10.74 | 9.48  | 5.70  | 4.67  | 4.03  |
|                      | 0.00  | -3.79 | -3.24 | -2.20 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.01 | -0.01 | -0.01 | -2.61 | -6.31 | -17.86 | -13.27 | -28.94 | -15.01 | -5.59  | -0.01 | -0.01 | 0.00  | 0.00  | 0.00  |
| ADK HUDSON___FALLS   | 40.84 | 35.77 | 32.93 | 32.35 | 31.85 | 34.35 | 41.30 | 41.07 | 37.10 | 34.43 | 37.48 | 39.77 | 40.75 | 43.64 | 42.05  | 46.36  | 57.29  | 73.99  | 89.19  | 92.12 | 90.47 | 63.44 | 51.59 | 46.44 |
| 24011                | 2.20  | 1.91  | 1.60  | 1.71  | 1.80  | 1.88  | 2.19  | 2.07  | 1.50  | 1.10  | 1.23  | 1.16  | 1.23  | 1.56  | 1.46   | 1.17   | 1.72   | 2.64   | 4.41   | 4.80  | 5.04  | 3.42  | 2.46  | 2.67  |
|                      | 0.00  | -4.45 | -3.80 | -2.58 | 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  |
| ADK RESOURCE___RCVRY | 40.99 | 35.92 | 33.07 | 32.49 | 32.00 | 34.51 | 41.45 | 41.22 | 37.17 | 34.49 | 37.55 | 39.81 | 40.79 | 43.64 | 42.09  | 46.50  | 57.51  | 74.35  | 89.86  | 92.91 | 91.24 | 63.92 | 51.93 | 46.71 |
| 23798                | 2.36  | 2.06  | 1.74  | 1.85  | 1.95  | 2.05  | 2.35  | 2.22  | 1.57  | 1.17  | 1.30  | 1.20  | 1.26  | 1.56  | 1.50   | 1.31   | 1.94   | 3.00   | 5.09   | 5.59  | 5.81  | 3.90  | 2.80  | 2.93  |
|                      | 0.00  | -4.45 | -3.80 | -2.58 | 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  |
| ADK S GLENS___FALLS  | 40.84 | 35.77 | 32.93 | 32.35 | 31.85 | 34.35 | 41.30 | 41.07 | 37.10 | 34.43 | 37.48 | 39.77 | 40.75 | 43.64 | 42.05  | 46.36  | 57.29  | 73.99  | 89.19  | 92.12 | 90.47 | 63.44 | 51.59 | 46.44 |
| 24028                | 2.20  | 1.91  | 1.60  | 1.71  | 1.80  | 1.88  | 2.19  | 2.07  | 1.50  | 1.10  | 1.23  | 1.16  | 1.23  | 1.56  | 1.46   | 1.17   | 1.72   | 2.64   | 4.41   | 4.80  | 5.04  | 3.42  | 2.46  | 2.67  |
|                      | 0.00  | -4.45 | -3.80 | -2.58 | 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  |
| ADK_NYS___DAM        | 40.41 | 35.35 | 32.74 | 32.13 | 31.70 | 34.22 | 41.18 | 40.87 | 37.21 | 34.39 | 37.52 | 39.73 | 40.75 | 43.64 | 42.09  | 46.81  | 57.12  | 73.78  | 88.08  | 90.82 | 89.18 | 62.72 | 51.39 | 45.26 |
| 23527                | 1.78  | 1.59  | 1.49  | 1.54  | 1.65  | 1.75  | 2.07  | 1.87  | 1.60  | 1.07  | 1.27  | 1.12  | 1.23  | 1.56  | 1.50   | 1.62   | 1.55   | 2.43   | 3.30   | 3.50  | 3.75  | 2.70  | 2.26  | 1.49  |
|                      | 0.00  | -4.35 | -3.72 | -2.52 | 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  |
| AIR_PRODUCTS___DRP   | 39.33 | 34.48 | 32.03 | 31.39 | 30.89 | 33.31 | 39.81 | 39.66 | 36.18 | 33.76 | 36.76 | 39.08 | 40.15 | 42.93 | 41.40  | 46.00  | 56.29  | 72.49  | 86.47  | 89.07 | 87.14 | 61.04 | 49.87 | 44.39 |
| 24190                | 0.70  | 0.74  | 0.80  | 0.81  | 0.84  | 0.84  | 0.70  | 0.66  | 0.57  | 0.43  | 0.51  | 0.46  | 0.63  | 0.84  | 0.81   | 0.81   | 0.72   | 1.14   | 1.70   | 1.75  | 1.71  | 1.02  | 0.74  | 0.61  |
|                      | 0.00  | -4.33 | -3.70 | -2.51 | 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  |
| AKWESSNE_115KV_BK    | 38.29 | 29.15 | 27.26 | 27.81 | 29.84 | 32.27 | 38.83 | 38.61 | 35.29 | 32.99 | 35.92 | 38.27 | 39.17 | 41.66 | 40.14  | 44.69  | 54.45  | 69.71  | 82.40  | 84.87 | 83.29 | 58.94 | 48.59 | 43.34 |
| 355683               | -0.35 | -0.26 | -0.28 | -0.25 | -0.21 | -0.19 | -0.27 | -0.39 | -0.32 | -0.33 | -0.33 | -0.35 | -0.36 | -0.42 | -0.45  | -0.50  | -1.11  | -1.64  | -2.37  | -2.44 | -2.14 | -1.08 | -0.54 | -0.44 |
|                      | 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       | 40.10 | 34.98 | 32.35 | 31.72 | 31.31 | 33.77 | 40.56 | 40.28 | 36.46 | 33.96 | 36.90 | 39.19 | 40.27 | 43.01 | 41.56  | 46.36  | 57.07  | 73.64  | 88.42  | 91.34 | 89.28 | 62.48 | 51.10 | 45.39 |
| 323833               | 1.47  | 1.29  | 1.16  | 1.18  | 1.26  | 1.30  | 1.45  | 1.29  | 0.85  | 0.63  | 0.65  | 0.58  | 0.75  | 0.92  | 0.97   | 1.17   | 1.50   | 2.28   | 3.64   | 4.02  | 3.85  | 2.46  | 1.97  | 1.62  |
|                      | 0.00  | -4.28 | -3.66 | -2.48 | 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_2_SOLAR       | 40.10 | 34.98 | 32.35 | 31.72 | 31.31 | 33.73 | 40.56 | 40.28 | 36.46 | 33.96 | 36.90 | 39.19 | 40.27 | 43.01 | 41.56  | 46.36  | 57.01  | 73.64  | 88.42  | 91.34 | 89.28 | 62.48 | 51.05 | 45.39 |
| 323834               | 1.47  | 1.29  | 1.16  | 1.18  | 1.26  | 1.26  | 1.45  | 1.29  | 0.85  | 0.63  | 0.65  | 0.58  | 0.75  | 0.92  | 0.97   | 1.17   | 1.44   | 2.28   | 3.64   | 4.02  | 3.85  | 2.46  | 1.91  | 1.62  |
|                      | 0.00  | -4.28 | -3.66 | -2.48 | 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           | 39.33 | 34.48 | 32.03 | 31.39 | 30.89 | 33.31 | 39.81 | 39.66 | 36.18 | 33.76 | 36.76 | 39.08 | 40.15 | 42.93 | 41.40  | 46.00  | 56.29  | 72.49  | 86.47  | 89.07 | 87.14 | 61.04 | 49.87 | 44.39 |
| 23571                | 0.70  | 0.74  | 0.80  | 0.81  | 0.84  | 0.84  | 0.70  | 0.66  | 0.57  | 0.43  | 0.51  | 0.46  | 0.63  | 0.84  | 0.81   | 0.81   | 0.72   | 1.14   | 1.70   | 1.75  | 1.71  | 1.02  | 0.74  | 0.61  |
|                      | 0.00  | -4.33 | -3.70 | -2.51 | 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___2<br>23572                 | 39.33<br>0.70<br>0.00  | 34.48<br>0.74<br>-4.33  | 32.03<br>0.80<br>-3.70  | 31.39<br>0.81<br>-2.51  | 30.89<br>0.84<br>0.00  | 33.31<br>0.84<br>0.00   | 39.81<br>0.70<br>0.00    | 39.66<br>0.66<br>0.00    | 36.18<br>0.57<br>0.00    | 33.76<br>0.43<br>0.00    | 36.76<br>0.51<br>0.00    | 39.08<br>0.46<br>0.00    | 40.15<br>0.63<br>0.00    | 42.93<br>0.84<br>0.00    | 41.40<br>0.81<br>0.00    | 46.00<br>0.81<br>0.00    | 56.29<br>0.72<br>0.00    | 72.49<br>1.14<br>0.00    | 86.47<br>1.70<br>0.00     | 89.07<br>1.75<br>0.00   | 87.14<br>1.71<br>0.00   | 61.04<br>1.02<br>0.00    | 49.87<br>0.74<br>0.00   | 44.39<br>0.61<br>0.00  |
| ALBANY___3<br>23573                 | 39.33<br>0.70<br>0.00  | 34.48<br>0.74<br>-4.33  | 32.03<br>0.80<br>-3.70  | 31.39<br>0.81<br>-2.51  | 30.89<br>0.84<br>0.00  | 33.31<br>0.84<br>0.00   | 39.81<br>0.70<br>0.00    | 39.66<br>0.66<br>0.00    | 36.18<br>0.57<br>0.00    | 33.76<br>0.43<br>0.00    | 36.76<br>0.51<br>0.00    | 39.08<br>0.46<br>0.00    | 40.15<br>0.63<br>0.00    | 42.93<br>0.84<br>0.00    | 41.40<br>0.81<br>0.00    | 46.00<br>0.81<br>0.00    | 56.29<br>0.72<br>0.00    | 72.49<br>1.14<br>0.00    | 86.47<br>1.70<br>0.00     | 89.07<br>1.75<br>0.00   | 87.14<br>1.71<br>0.00   | 61.04<br>1.02<br>0.00    | 49.87<br>0.74<br>0.00   | 44.39<br>0.61<br>0.00  |
| ALBANY___4<br>23574                 | 39.33<br>0.70<br>0.00  | 34.48<br>0.74<br>-4.33  | 32.03<br>0.80<br>-3.70  | 31.39<br>0.81<br>-2.51  | 30.89<br>0.84<br>0.00  | 33.31<br>0.84<br>0.00   | 39.81<br>0.70<br>0.00    | 39.66<br>0.66<br>0.00    | 36.18<br>0.57<br>0.00    | 33.76<br>0.43<br>0.00    | 36.76<br>0.51<br>0.00    | 39.08<br>0.46<br>0.00    | 40.15<br>0.63<br>0.00    | 42.93<br>0.84<br>0.00    | 41.40<br>0.81<br>0.00    | 46.00<br>0.81<br>0.00    | 56.29<br>0.72<br>0.00    | 72.49<br>1.14<br>0.00    | 86.47<br>1.70<br>0.00     | 89.07<br>1.75<br>0.00   | 87.14<br>1.71<br>0.00   | 61.04<br>1.02<br>0.00    | 49.87<br>0.74<br>0.00   | 44.39<br>0.61<br>0.00  |
| ALBANY___LFGE<br>323615             | 39.68<br>1.04<br>0.00  | 34.86<br>1.09<br>-4.36  | 32.25<br>0.99<br>-3.73  | 31.60<br>1.01<br>-2.53  | 31.10<br>1.05<br>0.00  | 33.54<br>1.07<br>0.00   | 40.32<br>1.21<br>0.00    | 40.17<br>1.17<br>0.00    | 36.43<br>0.82<br>0.00    | 33.99<br>0.67<br>0.00    | 37.01<br>0.76<br>0.00    | 39.34<br>0.73<br>0.00    | 40.43<br>0.91<br>0.00    | 43.22<br>1.14<br>0.00    | 41.72<br>1.13<br>0.00    | 46.45<br>1.26<br>0.00    | 56.90<br>1.33<br>0.00    | 73.20<br>1.85<br>0.00    | 87.49<br>2.71<br>0.00     | 90.03<br>2.71<br>0.00   | 88.08<br>2.65<br>0.00   | 61.70<br>1.68<br>0.00    | 50.41<br>1.28<br>0.00   | 44.78<br>1.01<br>0.00  |
| ALCOA_PA_115KV_PL-6C<br>55860       | 38.32<br>-0.31<br>0.00 | 29.17<br>-0.24<br>0.00  | 27.26<br>-0.28<br>0.00  | 27.81<br>-0.25<br>0.00  | 29.87<br>-0.18<br>0.00 | 32.30<br>-0.16<br>0.00  | 38.88<br>-0.23<br>0.00   | 38.65<br>-0.35<br>0.00   | 35.29<br>-0.32<br>0.00   | 32.99<br>-0.33<br>0.00   | 35.89<br>-0.36<br>0.00   | 38.26<br>-0.35<br>0.00   | 39.13<br>-0.40<br>0.00   | 41.62<br>-0.46<br>0.00   | 40.10<br>-0.49<br>0.00   | 44.65<br>-0.54<br>0.00   | 54.73<br>-0.83<br>0.00   | 70.14<br>-1.21<br>0.00   | 82.99<br>-1.78<br>0.00    | 85.57<br>-1.75<br>0.00  | 83.98<br>-1.45<br>0.00  | 59.30<br>-0.72<br>0.00   | 48.74<br>-0.39<br>0.00  | 43.42<br>-0.35<br>0.00 |
| ALCOA_RYNLDS___DRP<br>24188         | 38.32<br>-0.31<br>0.00 | 29.18<br>-0.24<br>0.00  | 27.26<br>-0.28<br>0.00  | 27.81<br>-0.25<br>0.00  | 29.87<br>-0.18<br>0.00 | 32.30<br>-0.16<br>0.00  | 38.87<br>-0.23<br>0.00   | 38.65<br>-0.35<br>0.00   | 35.29<br>-0.32<br>0.00   | 32.99<br>-0.33<br>0.00   | 35.89<br>-0.36<br>0.00   | 38.27<br>-0.35<br>0.00   | 39.13<br>-0.40<br>0.00   | 41.62<br>-0.46<br>0.00   | 40.10<br>-0.49<br>0.00   | 44.64<br>-0.54<br>0.00   | 54.73<br>-0.83<br>0.00   | 70.14<br>-1.21<br>0.00   | 83.00<br>-1.78<br>0.00    | 85.57<br>-1.75<br>0.00  | 83.98<br>-1.45<br>0.00  | 59.30<br>-0.72<br>0.00   | 48.74<br>-0.39<br>0.00  | 43.42<br>-0.35<br>0.00 |
| ALCOA___DSASP<br>323711             | 38.32<br>-0.31<br>0.00 | 29.18<br>-0.24<br>0.00  | 27.26<br>-0.28<br>0.00  | 27.81<br>-0.25<br>0.00  | 29.87<br>-0.18<br>0.00 | 32.30<br>-0.16<br>0.00  | 38.87<br>-0.23<br>0.00   | 38.65<br>-0.35<br>0.00   | 35.29<br>-0.32<br>0.00   | 32.99<br>-0.33<br>0.00   | 35.89<br>-0.36<br>0.00   | 38.27<br>-0.35<br>0.00   | 39.13<br>-0.40<br>0.00   | 41.62<br>-0.46<br>0.00   | 40.10<br>-0.49<br>0.00   | 44.64<br>-0.54<br>0.00   | 54.73<br>-0.83<br>0.00   | 70.14<br>-1.21<br>0.00   | 83.00<br>-1.78<br>0.00    | 85.57<br>-1.75<br>0.00  | 83.98<br>-1.45<br>0.00  | 59.30<br>-0.72<br>0.00   | 48.74<br>-0.39<br>0.00  | 43.42<br>-0.35<br>0.00 |
| ALLEGHENY___COGEN<br>23514          | 38.48<br>-0.15<br>0.00 | 29.62<br>-0.50<br>-0.71 | 27.64<br>-0.49<br>-0.61 | 27.74<br>-0.73<br>-0.41 | 29.21<br>-0.84<br>0.00 | 31.87<br>-0.78<br>-0.18 | 69.78<br>-0.47<br>-31.14 | 72.36<br>-0.51<br>-33.87 | 59.79<br>-0.71<br>-24.89 | 47.91<br>-1.07<br>-15.66 | 54.08<br>-1.41<br>-19.25 | 54.41<br>-1.58<br>-17.38 | 59.85<br>-1.74<br>-22.07 | 73.91<br>-1.85<br>-33.67 | 58.73<br>-4.42<br>-22.57 | 68.37<br>-4.74<br>-27.93 | 84.44<br>-5.44<br>-34.32 | 96.17<br>-5.78<br>-30.60 | 136.37<br>-3.64<br>-55.24 | 85.79<br>-1.92<br>-0.39 | 83.88<br>-2.39<br>-0.84 | 67.86<br>-2.40<br>-10.25 | 62.48<br>0.74<br>-12.61 | 44.34<br>0.53<br>-0.03 |
| ALTAMONT_115KV_TB 2<br>55880        | 39.75<br>1.12<br>0.00  | 34.67<br>0.94<br>-4.32  | 32.13<br>0.91<br>-3.69  | 31.46<br>0.90<br>-2.51  | 30.98<br>0.93<br>0.00  | 33.44<br>0.97<br>0.00   | 40.16<br>1.06<br>0.00    | 40.05<br>1.05<br>0.00    | 36.53<br>0.93<br>0.00    | 34.13<br>0.80<br>0.00    | 37.15<br>0.91<br>0.00    | 39.54<br>0.93<br>0.00    | 40.63<br>1.11<br>0.00    | 43.35<br>1.26<br>0.00    | 41.80<br>1.22<br>0.00    | 46.50<br>1.31<br>0.00    | 57.01<br>1.44<br>0.00    | 73.35<br>2.00<br>0.00    | 87.58<br>2.80<br>0.00     | 90.20<br>2.88<br>0.00   | 88.16<br>2.73<br>0.00   | 61.76<br>1.74<br>0.00    | 50.51<br>1.38<br>0.00   | 44.91<br>1.14<br>0.00  |
| ALTONA_WT_PWR<br>323606             | 38.36<br>-0.27<br>0.00 | 29.17<br>-0.24<br>0.00  | 27.26<br>-0.28<br>0.00  | 27.78<br>-0.28<br>0.00  | 29.81<br>-0.24<br>0.00 | 32.24<br>-0.23<br>0.00  | 38.88<br>-0.23<br>0.00   | 38.68<br>-0.31<br>0.00   | 35.32<br>-0.29<br>0.00   | 33.03<br>-0.30<br>0.00   | 35.96<br>-0.29<br>0.00   | 38.30<br>-0.31<br>0.00   | 39.13<br>-0.40<br>0.00   | 41.62<br>-0.46<br>0.00   | 40.10<br>-0.49<br>0.00   | 44.65<br>-0.54<br>0.00   | 54.45<br>-1.11<br>0.00   | 69.50<br>-1.86<br>0.00   | 82.15<br>-2.63<br>0.00    | 84.44<br>-2.88<br>0.00  | 82.69<br>-2.74<br>0.00  | 58.40<br>-1.62<br>0.00   | 48.20<br>-0.94<br>0.00  | 42.90<br>-0.88<br>0.00 |
| AMERICAN_REF_FUEL<br>24010          | 34.46<br>-4.17<br>0.00 | 26.23<br>-3.82<br>-0.64 | 24.58<br>-3.50<br>-0.55 | 24.59<br>-3.84<br>-0.37 | 25.78<br>-4.27<br>0.00 | 27.67<br>-4.64<br>0.15  | 25.88<br>-4.65<br>8.58   | 25.07<br>-4.37<br>9.56   | 24.64<br>-3.81<br>7.15   | 25.35<br>-3.47<br>4.51   | 26.98<br>-3.73<br>5.54   | 29.67<br>-3.94<br>5.00   | 29.07<br>-4.11<br>6.35   | 27.97<br>-4.46<br>9.66   | 29.63<br>-4.46<br>6.49   | 31.79<br>-4.83<br>8.56   | 36.95<br>-5.56<br>13.06  | 49.65<br>-7.71<br>13.99  | 62.05<br>-7.80<br>14.92   | 79.90<br>-7.42<br>0.00  | 76.78<br>-8.63<br>0.03  | 47.02<br>-6.72<br>6.28   | 38.24<br>-5.31<br>5.59  | 39.48<br>-4.29<br>0.01 |
| ARKWRIGHT___SUMMIT_WT_PWR<br>323751 | 34.89<br>-3.75<br>0.00 | 26.51<br>-3.62<br>-0.72 | 24.76<br>-3.39<br>-0.61 | 24.80<br>-3.67<br>-0.42 | 26.08<br>-3.97<br>0.00 | 28.34<br>-3.99<br>0.13  | 26.06<br>-4.85<br>8.20   | 25.55<br>-4.21<br>9.23   | 24.42<br>-2.74<br>8.45   | 25.47<br>-2.53<br>5.32   | 26.96<br>-2.76<br>6.54   | 29.85<br>-2.86<br>5.90   | 29.11<br>-2.92<br>7.49   | 27.36<br>-3.33<br>11.40  | 29.56<br>-3.37<br>7.66   | 31.72<br>-3.48<br>9.99   | 40.38<br>-3.45<br>11.74  | 53.51<br>-4.78<br>13.07  | 65.65<br>-4.07<br>15.06   | 83.48<br>-3.84<br>0.00  | 79.93<br>-5.47<br>0.03  | 49.45<br>-4.44<br>6.13   | 40.04<br>-3.69<br>5.41  | 40.09<br>-3.68<br>0.01 |
| ARTHUR KILL_GT_1<br>23520           | 42.27<br>3.63<br>-0.01 | 35.94<br>2.74<br>-3.80  | 33.39<br>2.62<br>-3.25  | 32.82<br>2.55<br>-2.21  | 32.67<br>2.61<br>-0.01 | 35.17<br>2.69<br>-0.01  | 42.32<br>3.21<br>-0.01   | 42.48<br>3.47<br>-0.01   | 39.04<br>3.42<br>-0.01   | 37.01<br>3.67<br>-0.02   | 40.18<br>3.91<br>-0.02   | 42.88<br>4.25<br>-0.02   | 46.84<br>4.70<br>-2.61   | 53.07<br>4.71<br>-6.27   | 62.99<br>4.55<br>-17.86  | 63.56<br>5.11<br>-13.27  | 90.95<br>6.45<br>-28.94  | 94.92<br>8.28<br>-15.29  | 100.84<br>10.26<br>-5.80  | 97.64<br>10.30<br>-0.01 | 94.41<br>8.97<br>-0.01  | 65.54<br>5.52<br>0.00    | 53.81<br>4.67<br>-0.01  | 47.94<br>4.16<br>-0.01 |
| ARTHUR_KILL_2<br>23512              | 42.12<br>3.48<br>-0.01 | 35.80<br>2.59<br>-3.80  | 33.31<br>2.53<br>-3.25  | 32.74<br>2.47<br>-2.21  | 32.61<br>2.55<br>-0.01 | 35.07<br>2.60<br>-0.01  | 42.05<br>2.93<br>-0.01   | 42.32<br>3.28<br>-0.05   | 38.93<br>3.31<br>-0.01   | 36.92<br>3.57<br>-0.02   | 40.08<br>3.81<br>-0.02   | 42.77<br>4.13<br>-0.02   | 46.76<br>4.62<br>-2.61   | 52.94<br>4.59<br>-6.27   | 62.79<br>4.34<br>-17.86  | 63.43<br>4.97<br>-13.27  | 90.67<br>6.17<br>-28.94  | 94.70<br>8.06<br>-15.29  | 100.49<br>9.91<br>-5.80   | 97.28<br>9.95<br>-0.01  | 93.98<br>8.54<br>-0.01  | 65.30<br>5.28<br>0.00    | 53.67<br>4.52<br>-0.01  | 47.77<br>3.98<br>-0.01 |
| ARTHUR_KILL_3<br>23513              | 41.72<br>3.09<br>0.00  | 35.43<br>2.23<br>-3.79  | 32.95<br>2.17<br>-3.24  | 32.33<br>2.08<br>-2.20  | 32.15<br>2.10<br>0.00  | 34.64<br>2.18<br>0.00   | 41.65<br>2.54<br>0.00    | 41.96<br>2.93<br>-0.04   | 38.60<br>2.99<br>0.00    | 36.64<br>3.30<br>-0.01   | 39.82<br>3.55<br>-0.01   | 42.52<br>3.90<br>-0.01   | 46.67<br>4.54<br>-2.61   | 53.27<br>4.92<br>-6.26   | 63.12<br>4.67<br>-17.87  | 63.57<br>5.10<br>-13.28  | 90.85<br>6.33<br>-28.95  | 94.79<br>8.13<br>-15.30  | 100.50<br>9.91<br>-5.81   | 97.28<br>9.95<br>-0.01  | 94.16<br>8.72<br>-0.01  | 65.18<br>5.16<br>0.00    | 53.37<br>4.23<br>-0.01  | 47.41<br>3.63<br>0.00  |

|                                   |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                          |                         |                        |                       |                        |                        |
|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|-----------------------|------------------------|------------------------|
| ARTHUR_KILL_COGEN<br>323718       | 42.23<br>3.59<br>-0.01 | 35.88<br>2.68<br>-3.80 | 33.40<br>2.62<br>-3.25 | 32.82<br>2.55<br>-2.21 | 32.67<br>2.61<br>-0.01 | 35.17<br>2.69<br>-0.01 | 42.17<br>3.05<br>-0.01 | 42.44<br>3.39<br>-0.05 | 39.04<br>3.42<br>-0.01 | 37.01<br>3.67<br>-0.02 | 40.19<br>3.92<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.87<br>4.74<br>-2.61 | 53.07<br>4.71<br>-6.27 | 62.95<br>4.50<br>-17.86 | 63.56<br>5.10<br>-13.27 | 90.89<br>6.39<br>-28.94 | 94.92<br>8.27<br>-15.29 | 100.83<br>10.25<br>-5.80 | 97.63<br>10.30<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.54<br>5.52<br>0.00 | 53.87<br>4.72<br>-0.01 | 47.94<br>4.16<br>-0.01 |
| ASHOKAN____<br>23654              | 41.03<br>2.40<br>0.00  | 34.50<br>1.00<br>-4.09 | 31.93<br>0.91<br>-3.49 | 31.25<br>0.81<br>-2.37 | 31.70<br>1.65<br>0.00  | 34.09<br>1.62<br>0.00  | 40.99<br>1.88<br>0.00  | 40.94<br>1.91<br>-0.03 | 37.07<br>1.46<br>0.00  | 34.73<br>1.40<br>0.00  | 37.66<br>1.41<br>0.00  | 40.04<br>1.43<br>0.00  | 41.50<br>1.98<br>0.00  | 44.31<br>2.23<br>0.00  | 42.86<br>2.27<br>0.00   | 47.85<br>2.67<br>0.00   | 59.17<br>3.61<br>0.00   | 77.20<br>5.85<br>0.00   | 92.66<br>7.89<br>0.00    | 95.53<br>8.21<br>0.00   | 92.44<br>7.01<br>0.00  | 64.10<br>4.08<br>0.00 | 52.23<br>3.10<br>0.00  | 46.40<br>2.63<br>0.00  |
| ASTORIA_EAST_ENERGY_CC1<br>323581 | 41.85<br>3.20<br>-0.01 | 35.59<br>2.38<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.54<br>2.27<br>-2.21 | 32.40<br>2.35<br>-0.01 | 34.91<br>2.44<br>-0.01 | 41.53<br>2.43<br>0.00  | 41.73<br>2.69<br>-0.04 | 38.38<br>2.78<br>0.01  | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.40<br>3.79<br>0.00  | 46.74<br>4.62<br>-2.60 | 53.25<br>4.88<br>-6.28 | 62.90<br>4.46<br>-17.85 | 63.33<br>4.93<br>-13.21 | 90.38<br>6.06<br>-28.76 | 94.21<br>7.85<br>-15.00 | 99.85<br>9.49<br>-5.58   | 96.49<br>9.17<br>0.00   | 93.03<br>7.60<br>0.00  | 64.57<br>4.56<br>0.01 | 53.17<br>4.03<br>-0.01 | 47.49<br>3.72<br>0.00  |
| ASTORIA_EAST_ENERGY_CC2<br>323582 | 41.85<br>3.20<br>-0.01 | 35.59<br>2.38<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.54<br>2.27<br>-2.21 | 32.40<br>2.35<br>-0.01 | 34.91<br>2.44<br>-0.01 | 41.53<br>2.43<br>0.00  | 41.73<br>2.69<br>-0.04 | 38.38<br>2.78<br>0.01  | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.40<br>3.79<br>0.00  | 46.74<br>4.62<br>-2.60 | 53.25<br>4.88<br>-6.28 | 62.90<br>4.46<br>-17.85 | 63.33<br>4.93<br>-13.21 | 90.38<br>6.06<br>-28.76 | 94.21<br>7.85<br>-15.00 | 99.85<br>9.49<br>-5.58   | 96.49<br>9.17<br>0.00   | 93.03<br>7.60<br>0.00  | 64.57<br>4.56<br>0.01 | 53.17<br>4.03<br>-0.01 | 47.49<br>3.72<br>0.00  |
| ASTORIA_GT2_1<br>24094            | 41.92<br>3.28<br>-0.01 | 35.68<br>2.47<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.57<br>2.30<br>-2.21 | 32.40<br>2.34<br>-0.01 | 34.91<br>2.43<br>-0.01 | 41.69<br>2.58<br>0.00  | 41.81<br>2.81<br>0.00  | 38.42<br>2.81<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.75<br>4.62<br>-2.60 | 53.29<br>4.92<br>-6.28 | 53.43<br>4.50<br>-8.34  | 63.33<br>4.93<br>-13.21 | 76.83<br>6.06<br>-15.21 | 91.39<br>7.85<br>-12.19 | 97.74<br>9.58<br>-3.38   | 96.49<br>9.17<br>0.00   | 93.21<br>7.77<br>0.00  | 64.63<br>4.62<br>0.01 | 53.21<br>4.08<br>0.00  | 47.54<br>3.76<br>0.00  |
| ASTORIA_GT2_2<br>24095            | 41.92<br>3.28<br>-0.01 | 35.68<br>2.47<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.57<br>2.30<br>-2.21 | 32.40<br>2.34<br>-0.01 | 34.91<br>2.43<br>-0.01 | 41.69<br>2.58<br>0.00  | 41.81<br>2.81<br>0.00  | 38.42<br>2.81<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.75<br>4.62<br>-2.60 | 53.29<br>4.92<br>-6.28 | 53.43<br>4.50<br>-8.34  | 63.33<br>4.93<br>-13.21 | 76.83<br>6.06<br>-15.21 | 91.39<br>7.85<br>-12.19 | 97.74<br>9.58<br>-3.38   | 96.49<br>9.17<br>0.00   | 93.21<br>7.77<br>0.00  | 64.63<br>4.62<br>0.01 | 53.21<br>4.08<br>0.00  | 47.54<br>3.76<br>0.00  |
| ASTORIA_GT2_3<br>24096            | 41.92<br>3.28<br>-0.01 | 35.68<br>2.47<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.57<br>2.30<br>-2.21 | 32.40<br>2.34<br>-0.01 | 34.91<br>2.43<br>-0.01 | 41.69<br>2.58<br>0.00  | 41.81<br>2.81<br>0.00  | 38.42<br>2.81<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.75<br>4.62<br>-2.60 | 53.29<br>4.92<br>-6.28 | 53.43<br>4.50<br>-8.34  | 63.33<br>4.93<br>-13.21 | 76.83<br>6.06<br>-15.21 | 91.39<br>7.85<br>-12.19 | 97.74<br>9.58<br>-3.38   | 96.49<br>9.17<br>0.00   | 93.21<br>7.77<br>0.00  | 64.63<br>4.62<br>0.01 | 53.21<br>4.08<br>0.00  | 47.54<br>3.76<br>0.00  |
| ASTORIA_GT2_4<br>24097            | 41.92<br>3.28<br>-0.01 | 35.68<br>2.47<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.57<br>2.30<br>-2.21 | 32.40<br>2.34<br>-0.01 | 34.91<br>2.43<br>-0.01 | 41.69<br>2.58<br>0.00  | 41.81<br>2.81<br>0.00  | 38.42<br>2.81<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.75<br>4.62<br>-2.60 | 53.29<br>4.92<br>-6.28 | 53.43<br>4.50<br>-8.34  | 63.33<br>4.93<br>-13.21 | 76.83<br>6.06<br>-15.21 | 91.39<br>7.85<br>-12.19 | 97.74<br>9.58<br>-3.38   | 96.49<br>9.17<br>0.00   | 93.21<br>7.77<br>0.00  | 64.63<br>4.62<br>0.01 | 53.21<br>4.08<br>0.00  | 47.54<br>3.76<br>0.00  |
| ASTORIA_GT3_1<br>24098            | 41.92<br>3.28<br>-0.01 | 35.68<br>2.47<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.57<br>2.30<br>-2.21 | 32.40<br>2.34<br>-0.01 | 34.91<br>2.43<br>-0.01 | 41.69<br>2.58<br>0.00  | 41.81<br>2.81<br>0.00  | 38.42<br>2.81<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.75<br>4.62<br>-2.60 | 53.29<br>4.92<br>-6.28 | 53.43<br>4.50<br>-8.34  | 63.33<br>4.93<br>-13.21 | 76.83<br>6.06<br>-15.21 | 91.39<br>7.85<br>-12.19 | 97.74<br>9.58<br>-3.38   | 96.49<br>9.17<br>0.00   | 93.21<br>7.77<br>0.00  | 64.63<br>4.62<br>0.01 | 53.21<br>4.08<br>0.00  | 47.54<br>3.76<br>0.00  |
| ASTORIA_GT3_2<br>24099            | 41.92<br>3.28<br>-0.01 | 35.68<br>2.47<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.57<br>2.30<br>-2.21 | 32.40<br>2.34<br>-0.01 | 34.91<br>2.43<br>-0.01 | 41.69<br>2.58<br>0.00  | 41.81<br>2.81<br>0.00  | 38.42<br>2.81<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.75<br>4.62<br>-2.60 | 53.29<br>4.92<br>-6.28 | 53.43<br>4.50<br>-8.34  | 63.33<br>4.93<br>-13.21 | 76.83<br>6.06<br>-15.21 | 91.39<br>7.85<br>-12.19 | 97.74<br>9.58<br>-3.38   | 96.49<br>9.17<br>0.00   | 93.21<br>7.77<br>0.00  | 64.63<br>4.62<br>0.01 | 53.21<br>4.08<br>0.00  | 47.54<br>3.76<br>0.00  |
| ASTORIA_GT3_3<br>24100            | 41.92<br>3.28<br>-0.01 | 35.68<br>2.47<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.57<br>2.30<br>-2.21 | 32.40<br>2.34<br>-0.01 | 34.91<br>2.43<br>-0.01 | 41.69<br>2.58<br>0.00  | 41.81<br>2.81<br>0.00  | 38.42<br>2.81<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.75<br>4.62<br>-2.60 | 53.29<br>4.92<br>-6.28 | 53.43<br>4.50<br>-8.34  | 63.33<br>4.93<br>-13.21 | 76.83<br>6.06<br>-15.21 | 91.39<br>7.85<br>-12.19 | 97.74<br>9.58<br>-3.38   | 96.49<br>9.17<br>0.00   | 93.21<br>7.77<br>0.00  | 64.63<br>4.62<br>0.01 | 53.21<br>4.08<br>0.00  | 47.54<br>3.76<br>0.00  |
| ASTORIA_GT3_4<br>24101            | 41.92<br>3.28<br>-0.01 | 35.68<br>2.47<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.57<br>2.30<br>-2.21 | 32.40<br>2.34<br>-0.01 | 34.91<br>2.43<br>-0.01 | 41.69<br>2.58<br>0.00  | 41.81<br>2.81<br>0.00  | 38.42<br>2.81<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.75<br>4.62<br>-2.60 | 53.29<br>4.92<br>-6.28 | 53.43<br>4.50<br>-8.34  | 63.33<br>4.93<br>-13.21 | 76.83<br>6.06<br>-15.21 | 91.39<br>7.85<br>-12.19 | 97.74<br>9.58<br>-3.38   | 96.49<br>9.17<br>0.00   | 93.21<br>7.77<br>0.00  | 64.63<br>4.62<br>0.01 | 53.21<br>4.08<br>0.00  | 47.54<br>3.76<br>0.00  |
| ASTORIA_GT4_1<br>24102            | 41.92<br>3.28<br>-0.01 | 35.68<br>2.47<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.57<br>2.30<br>-2.21 | 32.40<br>2.34<br>-0.01 | 34.91<br>2.43<br>-0.01 | 41.69<br>2.58<br>0.00  | 41.81<br>2.81<br>0.00  | 38.42<br>2.81<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.75<br>4.62<br>-2.60 | 53.29<br>4.92<br>-6.28 | 53.43<br>4.50<br>-8.34  | 63.33<br>4.93<br>-13.21 | 76.83<br>6.06<br>-15.21 | 91.39<br>7.85<br>-12.19 | 97.74<br>9.58<br>-3.38   | 96.49<br>9.17<br>0.00   | 93.21<br>7.77<br>0.00  | 64.63<br>4.62<br>0.01 | 53.21<br>4.08<br>0.00  | 47.54<br>3.76<br>0.00  |
| ASTORIA_GT4_2<br>24103            | 41.92<br>3.28<br>-0.01 | 35.68<br>2.47<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.57<br>2.30<br>-2.21 | 32.40<br>2.34<br>-0.01 | 34.91<br>2.43<br>-0.01 | 41.69<br>2.58<br>0.00  | 41.81<br>2.81<br>0.00  | 38.42<br>2.81<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.75<br>4.62<br>-2.60 | 53.29<br>4.92<br>-6.28 | 53.43<br>4.50<br>-8.34  | 63.33<br>4.93<br>-13.21 | 76.83<br>6.06<br>-15.21 | 91.39<br>7.85<br>-12.19 | 97.74<br>9.58<br>-3.38   | 96.49<br>9.17<br>0.00   | 93.21<br>7.77<br>0.00  | 64.63<br>4.62<br>0.01 | 53.21<br>4.08<br>0.00  | 47.54<br>3.76<br>0.00  |
| ASTORIA_GT4_3<br>24104            | 41.92<br>3.28<br>-0.01 | 35.68<br>2.47<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.57<br>2.30<br>-2.21 | 32.40<br>2.34<br>-0.01 | 34.91<br>2.43<br>-0.01 | 41.69<br>2.58<br>0.00  | 41.81<br>2.81<br>0.00  | 38.42<br>2.81<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.75<br>4.62<br>-2.60 | 53.29<br>4.92<br>-6.28 | 53.43<br>4.50<br>-8.34  | 63.33<br>4.93<br>-13.21 | 76.83<br>6.06<br>-15.21 | 91.39<br>7.85<br>-12.19 | 97.74<br>9.58<br>-3.38   | 96.49<br>9.17<br>0.00   | 93.21<br>7.77<br>0.00  | 64.63<br>4.62<br>0.01 | 53.21<br>4.08<br>0.00  | 47.54<br>3.76<br>0.00  |

|                            |                        |                        |                        |                        |                        |                        |                       |                        |                       |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                        |                        |                       |                        |                       |
|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|
| ASTORIA_GT4_4<br>24105     | 41.92<br>3.28<br>-0.01 | 35.68<br>2.47<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.57<br>2.30<br>-2.21 | 32.40<br>2.34<br>-0.01 | 34.91<br>2.43<br>-0.01 | 41.69<br>2.58<br>0.00 | 41.81<br>2.81<br>0.00  | 38.42<br>2.81<br>0.00 | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.75<br>4.62<br>-2.60 | 53.29<br>4.92<br>-6.28 | 53.43<br>4.50<br>-8.34  | 63.33<br>4.93<br>-13.21 | 76.83<br>6.06<br>-15.21 | 91.39<br>7.85<br>-12.19 | 97.74<br>9.58<br>-3.38  | 96.49<br>9.17<br>0.00  | 93.21<br>7.77<br>0.00  | 64.63<br>4.62<br>0.01 | 53.21<br>4.08<br>0.00  | 47.54<br>3.76<br>0.00 |
| ASTORIA_GT_1<br>23523      | 41.96<br>3.32<br>-0.01 | 35.71<br>2.50<br>-3.80 | 33.20<br>2.42<br>-3.25 | 32.60<br>2.33<br>-2.21 | 32.46<br>2.40<br>-0.01 | 34.94<br>2.47<br>-0.01 | 41.77<br>2.66<br>0.00 | 41.88<br>2.89<br>0.00  | 38.53<br>2.92<br>0.00 | 36.67<br>3.33<br>-0.01 | 39.70<br>3.44<br>-0.01 | 42.53<br>3.90<br>-0.01 | 46.83<br>4.70<br>-2.60 | 53.38<br>5.01<br>-6.28 | 53.52<br>4.59<br>-8.34  | 63.46<br>5.06<br>-13.21 | 76.99<br>6.22<br>-15.21 | 91.60<br>8.06<br>-12.19 | 97.99<br>9.83<br>-3.38  | 96.75<br>9.43<br>0.00  | 93.38<br>7.94<br>0.00  | 64.75<br>4.74<br>0.01 | 53.31<br>4.18<br>0.00  | 47.63<br>3.85<br>0.00 |
| ASTORIA_GT_10<br>24110     | 41.92<br>3.28<br>0.00  | 35.64<br>2.44<br>-3.79 | 33.12<br>2.34<br>-3.25 | 32.54<br>2.27<br>-2.21 | 32.37<br>2.31<br>-0.01 | 34.80<br>2.34<br>0.00  | 41.89<br>2.78<br>0.00 | 42.08<br>3.08<br>0.00  | 38.67<br>3.06<br>0.00 | 36.70<br>3.37<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.72<br>4.58<br>-2.61 | 53.24<br>4.84<br>-6.31 | 62.91<br>4.46<br>-17.86 | 63.34<br>4.88<br>-13.27 | 89.79<br>6.06<br>-28.17 | 91.39<br>7.85<br>-12.19 | 99.56<br>9.58<br>-5.20  | 96.75<br>9.43<br>0.00  | 93.64<br>8.20<br>0.00  | 64.94<br>4.92<br>0.00 | 53.36<br>4.23<br>0.00  | 47.54<br>3.76<br>0.00 |
| ASTORIA_GT_11<br>24225     | 41.92<br>3.28<br>0.00  | 35.64<br>2.44<br>-3.79 | 33.12<br>2.34<br>-3.25 | 32.54<br>2.27<br>-2.21 | 32.37<br>2.31<br>-0.01 | 34.80<br>2.34<br>0.00  | 41.89<br>2.78<br>0.00 | 42.08<br>3.08<br>0.00  | 38.67<br>3.06<br>0.00 | 36.70<br>3.37<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.72<br>4.58<br>-2.61 | 53.24<br>4.84<br>-6.31 | 62.91<br>4.46<br>-17.86 | 63.34<br>4.88<br>-13.27 | 89.79<br>6.06<br>-28.17 | 91.39<br>7.85<br>-12.19 | 99.56<br>9.58<br>-5.20  | 96.75<br>9.43<br>0.00  | 93.64<br>8.20<br>0.00  | 64.94<br>4.92<br>0.00 | 53.36<br>4.23<br>0.00  | 47.54<br>3.76<br>0.00 |
| ASTORIA_GT_12<br>24226     | 41.92<br>3.28<br>0.00  | 35.64<br>2.44<br>-3.79 | 33.12<br>2.34<br>-3.25 | 32.54<br>2.27<br>-2.21 | 32.37<br>2.31<br>-0.01 | 34.80<br>2.34<br>0.00  | 41.89<br>2.78<br>0.00 | 42.08<br>3.08<br>0.00  | 38.67<br>3.06<br>0.00 | 36.70<br>3.37<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.72<br>4.58<br>-2.61 | 53.24<br>4.84<br>-6.31 | 62.91<br>4.46<br>-17.86 | 63.34<br>4.88<br>-13.27 | 89.79<br>6.06<br>-28.17 | 91.39<br>7.85<br>-12.19 | 99.56<br>9.58<br>-5.20  | 96.75<br>9.43<br>0.00  | 93.64<br>8.20<br>0.00  | 64.94<br>4.92<br>0.00 | 53.36<br>4.23<br>0.00  | 47.54<br>3.76<br>0.00 |
| ASTORIA_GT_13<br>24227     | 41.92<br>3.28<br>0.00  | 35.64<br>2.44<br>-3.79 | 33.12<br>2.34<br>-3.25 | 32.54<br>2.27<br>-2.21 | 32.37<br>2.31<br>-0.01 | 34.80<br>2.34<br>0.00  | 41.89<br>2.78<br>0.00 | 42.08<br>3.08<br>0.00  | 38.67<br>3.06<br>0.00 | 36.70<br>3.37<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.72<br>4.58<br>-2.61 | 53.24<br>4.84<br>-6.31 | 62.91<br>4.46<br>-17.86 | 63.34<br>4.88<br>-13.27 | 89.79<br>6.06<br>-28.17 | 91.39<br>7.85<br>-12.19 | 99.56<br>9.58<br>-5.20  | 96.75<br>9.43<br>0.00  | 93.64<br>8.20<br>0.00  | 64.94<br>4.92<br>0.00 | 53.36<br>4.23<br>0.00  | 47.54<br>3.76<br>0.00 |
| ASTORIA_GT_5<br>24106      | 41.96<br>3.32<br>-0.01 | 35.71<br>2.50<br>-3.80 | 33.20<br>2.42<br>-3.25 | 32.60<br>2.33<br>-2.21 | 32.46<br>2.40<br>-0.01 | 34.94<br>2.47<br>-0.01 | 41.77<br>2.66<br>0.00 | 41.88<br>2.89<br>0.00  | 38.53<br>2.92<br>0.00 | 36.67<br>3.33<br>-0.01 | 39.70<br>3.44<br>-0.01 | 42.53<br>3.90<br>-0.01 | 46.83<br>4.70<br>-2.60 | 53.38<br>5.01<br>-6.28 | 53.52<br>4.59<br>-8.34  | 63.46<br>5.06<br>-13.21 | 76.99<br>6.22<br>-15.21 | 91.60<br>8.06<br>-12.19 | 97.99<br>9.83<br>-3.38  | 96.75<br>9.43<br>0.00  | 93.38<br>7.94<br>0.00  | 64.75<br>4.74<br>0.01 | 53.31<br>4.18<br>0.00  | 47.63<br>3.85<br>0.00 |
| ASTORIA_GT_7<br>24107      | 41.96<br>3.32<br>-0.01 | 35.71<br>2.50<br>-3.80 | 33.20<br>2.42<br>-3.25 | 32.60<br>2.33<br>-2.21 | 32.46<br>2.40<br>-0.01 | 34.94<br>2.47<br>-0.01 | 41.77<br>2.66<br>0.00 | 41.88<br>2.89<br>0.00  | 38.53<br>2.92<br>0.00 | 36.67<br>3.33<br>-0.01 | 39.70<br>3.44<br>-0.01 | 42.53<br>3.90<br>-0.01 | 46.83<br>4.70<br>-2.60 | 53.38<br>5.01<br>-6.28 | 53.52<br>4.59<br>-8.34  | 63.46<br>5.06<br>-13.21 | 76.99<br>6.22<br>-15.21 | 91.60<br>8.06<br>-12.19 | 97.99<br>9.83<br>-3.38  | 96.75<br>9.43<br>0.00  | 93.38<br>7.94<br>0.00  | 64.75<br>4.74<br>0.01 | 53.31<br>4.18<br>0.00  | 47.63<br>3.85<br>0.00 |
| ASTORIA_GT_8<br>24108      | 41.96<br>3.32<br>-0.01 | 35.71<br>2.50<br>-3.80 | 33.20<br>2.42<br>-3.25 | 32.60<br>2.33<br>-2.21 | 32.46<br>2.40<br>-0.01 | 34.94<br>2.47<br>-0.01 | 41.77<br>2.66<br>0.00 | 41.88<br>2.89<br>0.00  | 38.53<br>2.92<br>0.00 | 36.67<br>3.33<br>-0.01 | 39.70<br>3.44<br>-0.01 | 42.53<br>3.90<br>-0.01 | 46.83<br>4.70<br>-2.60 | 53.38<br>5.01<br>-6.28 | 53.52<br>4.59<br>-8.34  | 63.46<br>5.06<br>-13.21 | 76.99<br>6.22<br>-15.21 | 91.60<br>8.06<br>-12.19 | 97.99<br>9.83<br>-3.38  | 96.75<br>9.43<br>0.00  | 93.38<br>7.94<br>0.00  | 64.75<br>4.74<br>0.01 | 53.31<br>4.18<br>0.00  | 47.63<br>3.85<br>0.00 |
| ASTORIA___2<br>24149       | 41.85<br>3.20<br>-0.01 | 35.59<br>2.38<br>-3.80 | 33.15<br>2.37<br>-3.25 | 32.57<br>2.30<br>-2.21 | 32.40<br>2.35<br>-0.01 | 34.91<br>2.44<br>-0.01 | 41.57<br>2.47<br>0.00 | 41.73<br>2.69<br>-0.04 | 38.41<br>2.81<br>0.01 | 36.60<br>3.27<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.44<br>3.82<br>0.00  | 46.74<br>4.62<br>-2.60 | 53.25<br>4.88<br>-6.28 | 62.94<br>4.50<br>-17.85 | 63.33<br>4.93<br>-13.21 | 90.38<br>6.06<br>-28.76 | 94.21<br>7.85<br>-15.00 | 99.93<br>9.58<br>-5.58  | 96.49<br>9.17<br>0.00  | 93.13<br>7.69<br>0.00  | 64.57<br>4.56<br>0.01 | 53.22<br>4.08<br>-0.01 | 47.54<br>3.77<br>0.00 |
| ASTORIA___3<br>23516       | 41.84<br>3.20<br>0.00  | 35.61<br>2.41<br>-3.79 | 33.12<br>2.34<br>-3.25 | 32.51<br>2.25<br>-2.21 | 32.37<br>2.31<br>-0.01 | 34.84<br>2.37<br>0.00  | 41.73<br>2.62<br>0.00 | 42.00<br>2.96<br>-0.04 | 38.67<br>3.06<br>0.00 | 36.70<br>3.36<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.72<br>4.58<br>-2.61 | 53.23<br>4.84<br>-6.31 | 62.91<br>4.46<br>-17.86 | 63.34<br>4.88<br>-13.27 | 89.79<br>6.06<br>-28.17 | 91.39<br>7.85<br>-12.19 | 99.48<br>9.49<br>-5.20  | 96.76<br>9.43<br>0.00  | 93.55<br>8.12<br>0.00  | 64.88<br>4.86<br>0.00 | 53.37<br>4.23<br>-0.01 | 47.54<br>3.77<br>0.00 |
| ASTORIA___4<br>23517       | 41.92<br>3.28<br>0.00  | 35.64<br>2.44<br>-3.79 | 33.12<br>2.34<br>-3.25 | 32.51<br>2.24<br>-2.21 | 32.37<br>2.31<br>-0.01 | 34.80<br>2.34<br>0.00  | 41.89<br>2.78<br>0.00 | 42.08<br>3.08<br>0.00  | 38.67<br>3.06<br>0.00 | 36.70<br>3.37<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.72<br>4.58<br>-2.61 | 53.24<br>4.84<br>-6.31 | 62.91<br>4.46<br>-17.86 | 63.34<br>4.88<br>-13.27 | 89.79<br>6.06<br>-28.17 | 91.39<br>7.85<br>-12.19 | 99.56<br>9.58<br>-5.20  | 96.67<br>9.34<br>0.00  | 93.64<br>8.20<br>0.00  | 64.94<br>4.92<br>0.00 | 53.36<br>4.23<br>0.00  | 47.54<br>3.76<br>0.00 |
| ASTORIA___5<br>23518       | 41.84<br>3.20<br>0.00  | 35.61<br>2.41<br>-3.79 | 33.12<br>2.34<br>-3.25 | 32.51<br>2.25<br>-2.21 | 32.37<br>2.31<br>-0.01 | 34.84<br>2.37<br>0.00  | 41.73<br>2.62<br>0.00 | 42.00<br>2.96<br>-0.04 | 38.67<br>3.06<br>0.00 | 36.70<br>3.36<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.72<br>4.58<br>-2.61 | 53.23<br>4.84<br>-6.31 | 62.91<br>4.46<br>-17.86 | 63.34<br>4.88<br>-13.27 | 89.79<br>6.06<br>-28.17 | 91.39<br>7.85<br>-12.19 | 99.48<br>9.49<br>-5.20  | 96.67<br>9.35<br>0.00  | 93.55<br>8.12<br>0.00  | 64.88<br>4.86<br>0.00 | 53.37<br>4.23<br>-0.01 | 47.54<br>3.77<br>0.00 |
| AST_ENERGY_2_CC3<br>323677 | 41.76<br>3.13<br>0.00  | 35.50<br>2.30<br>-3.79 | 33.00<br>2.23<br>-3.24 | 32.39<br>2.13<br>-2.20 | 32.24<br>2.19<br>0.00  | 34.70<br>2.24<br>0.00  | 41.73<br>2.62<br>0.00 | 42.00<br>2.96<br>-0.04 | 38.63<br>3.03<br>0.00 | 36.64<br>3.30<br>-0.01 | 39.82<br>3.55<br>-0.01 | 42.57<br>3.94<br>-0.01 | 46.63<br>4.50<br>-2.61 | 53.26<br>4.88<br>-6.29 | 63.07<br>4.62<br>-17.86 | 63.48<br>5.02<br>-13.27 | 90.78<br>6.28<br>-28.94 | 94.53<br>8.06<br>-15.12 | 100.27<br>9.83<br>-5.66 | 97.11<br>9.78<br>-0.01 | 93.98<br>8.54<br>-0.01 | 65.12<br>5.10<br>0.00 | 53.37<br>4.23<br>-0.01 | 47.45<br>3.68<br>0.00 |
| AST_ENERGY_2_CC4<br>323678 | 41.76<br>3.13<br>0.00  | 35.50<br>2.30<br>-3.79 | 33.00<br>2.23<br>-3.24 | 32.39<br>2.13<br>-2.20 | 32.24<br>2.19<br>0.00  | 34.70<br>2.24<br>0.00  | 41.73<br>2.62<br>0.00 | 42.00<br>2.96<br>-0.04 | 38.63<br>3.03<br>0.00 | 36.64<br>3.30<br>-0.01 | 39.82<br>3.55<br>-0.01 | 42.57<br>3.94<br>-0.01 | 46.63<br>4.50<br>-2.61 | 53.26<br>4.88<br>-6.29 | 63.07<br>4.62<br>-17.86 | 63.48<br>5.02<br>-13.27 | 90.78<br>6.28<br>-28.94 | 94.53<br>8.06<br>-15.12 | 100.27<br>9.83<br>-5.66 | 97.11<br>9.78<br>-0.01 | 93.98<br>8.54<br>-0.01 | 65.12<br>5.10<br>0.00 | 53.37<br>4.23<br>-0.01 | 47.45<br>3.68<br>0.00 |

|                                |                        |                         |                         |                         |                        |                        |                          |                         |                         |                         |                         |                         |                         |                          |                         |                         |                           |                          |                          |                         |                         |                          |                         |                        |
|--------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|
| ATHENS_STG_1<br>23668          | 40.29<br>1.66<br>0.00  | 34.69<br>1.29<br>-3.99  | 32.18<br>1.24<br>-3.40  | 31.58<br>1.21<br>-2.31  | 31.28<br>1.23<br>0.00  | 33.73<br>1.26<br>0.00  | 40.56<br>1.45<br>0.00    | 40.63<br>1.60<br>-0.03  | 37.14<br>1.53<br>0.00   | 34.89<br>1.57<br>0.00   | 37.95<br>1.70<br>0.00   | 40.47<br>1.85<br>0.00   | 41.69<br>2.17<br>0.00   | 44.48<br>2.40<br>0.00    | 42.86<br>2.27<br>0.00   | 47.58<br>2.39<br>0.00   | 58.40<br>2.83<br>0.00     | 75.06<br>3.71<br>0.00    | 89.44<br>4.66<br>0.00    | 91.94<br>4.62<br>0.00   | 89.61<br>4.18<br>0.00   | 62.48<br>2.46<br>0.00    | 51.20<br>2.06<br>0.00   | 45.61<br>1.84<br>0.00  |
| ATHENS_STG_2<br>23670          | 40.29<br>1.66<br>0.00  | 34.69<br>1.29<br>-3.99  | 32.18<br>1.24<br>-3.40  | 31.58<br>1.21<br>-2.31  | 31.28<br>1.23<br>0.00  | 33.73<br>1.26<br>0.00  | 40.56<br>1.45<br>0.00    | 40.63<br>1.60<br>-0.03  | 37.14<br>1.53<br>0.00   | 34.89<br>1.57<br>0.00   | 37.95<br>1.70<br>0.00   | 40.47<br>1.85<br>0.00   | 41.69<br>2.17<br>0.00   | 44.48<br>2.40<br>0.00    | 42.86<br>2.27<br>0.00   | 47.58<br>2.39<br>0.00   | 58.40<br>2.83<br>0.00     | 75.06<br>3.71<br>0.00    | 89.44<br>4.66<br>0.00    | 91.94<br>4.62<br>0.00   | 89.61<br>4.18<br>0.00   | 62.48<br>2.46<br>0.00    | 51.20<br>2.06<br>0.00   | 45.61<br>1.84<br>0.00  |
| ATHENS_STG_3<br>23677          | 40.29<br>1.66<br>0.00  | 34.69<br>1.29<br>-3.99  | 32.18<br>1.24<br>-3.40  | 31.58<br>1.21<br>-2.31  | 31.28<br>1.23<br>0.00  | 33.73<br>1.26<br>0.00  | 40.56<br>1.45<br>0.00    | 40.63<br>1.60<br>-0.03  | 37.14<br>1.53<br>0.00   | 34.89<br>1.57<br>0.00   | 37.95<br>1.70<br>0.00   | 40.47<br>1.85<br>0.00   | 41.69<br>2.17<br>0.00   | 44.48<br>2.40<br>0.00    | 42.86<br>2.27<br>0.00   | 47.58<br>2.39<br>0.00   | 58.40<br>2.83<br>0.00     | 75.06<br>3.71<br>0.00    | 89.44<br>4.66<br>0.00    | 91.94<br>4.62<br>0.00   | 89.61<br>4.18<br>0.00   | 62.48<br>2.46<br>0.00    | 51.20<br>2.06<br>0.00   | 45.61<br>1.84<br>0.00  |
| AUBURN___LFGE<br>323710        | 38.52<br>-0.12<br>0.00 | 29.82<br>-0.12<br>-0.53 | 27.82<br>-0.17<br>-0.45 | 28.14<br>-0.22<br>-0.31 | 29.81<br>-0.24<br>0.00 | 32.24<br>-0.23<br>0.00 | 38.95<br>-0.16<br>0.00   | 39.37<br>-0.08<br>-0.45 | 36.50<br>-0.07<br>-0.96 | 33.86<br>-0.07<br>-0.61 | 36.88<br>-0.11<br>-0.74 | 39.17<br>-0.12<br>-0.67 | 40.18<br>-0.20<br>-0.85 | 43.49<br>-0.21<br>-1.62  | 41.29<br>-0.16<br>-0.87 | 46.32<br>0.05<br>-1.09  | 57.43<br>0.50<br>-1.36    | 73.49<br>0.86<br>-1.29   | 91.23<br>2.03<br>-4.42   | 91.84<br>2.36<br>-2.16  | 91.77<br>2.14<br>-4.20  | 61.28<br>0.78<br>-0.48   | 50.06<br>0.39<br>-0.53  | 44.08<br>0.31<br>0.00  |
| BABYLON_RES_REC<br>323704      | 42.32<br>3.67<br>-0.01 | 35.88<br>2.68<br>-3.79  | 33.19<br>2.42<br>-3.24  | 32.62<br>2.36<br>-2.20  | 32.69<br>2.64<br>0.00  | 35.10<br>2.63<br>0.00  | 42.27<br>3.17<br>0.00    | 42.66<br>3.63<br>-0.04  | 38.96<br>3.35<br>0.00   | 36.70<br>3.36<br>-0.01  | 39.81<br>3.55<br>-0.01  | 42.83<br>4.21<br>-0.01  | 46.48<br>4.46<br>-2.50  | 52.18<br>4.46<br>-5.64   | 52.52<br>4.10<br>-7.84  | 58.65<br>4.47<br>-8.99  | 78.79<br>5.72<br>-17.50   | 92.57<br>7.49<br>-13.73  | 99.54<br>10.17<br>-4.60  | 97.45<br>10.12<br>-0.01 | 94.16<br>8.72<br>-0.01  | 74.42<br>5.64<br>-8.76   | 53.46<br>4.32<br>-0.01  | 47.99<br>4.20<br>-0.01 |
| BALL_HILL_WT_PWR<br>323825     | 35.51<br>-3.13<br>0.00 | 26.96<br>-3.15<br>-0.70 | 25.21<br>-2.92<br>-0.60 | 25.27<br>-3.20<br>-0.41 | 26.59<br>-3.45<br>0.00 | 28.81<br>-3.51<br>0.15 | 24.09<br>-4.22<br>10.79  | 23.25<br>-3.67<br>12.08 | 24.00<br>-2.39<br>9.23  | 25.35<br>-2.17<br>5.81  | 26.79<br>-2.32<br>7.14  | 29.81<br>-2.36<br>6.45  | 28.89<br>-2.45<br>8.18  | 26.85<br>-2.78<br>12.45  | 29.42<br>-2.80<br>8.37  | 31.46<br>-2.85<br>10.88 | 39.92<br>-2.78<br>12.87   | 53.24<br>-3.92<br>14.19  | 65.33<br>-3.22<br>16.23  | 84.00<br>-3.32<br>0.00  | 80.53<br>-4.87<br>0.03  | 49.60<br>-3.84<br>6.58   | 40.12<br>-3.09<br>5.92  | 40.65<br>-3.11<br>0.01 |
| BARON_WINDS___WT_PWR<br>323822 | 37.01<br>-1.62<br>0.00 | 28.58<br>-1.74<br>-0.90 | 26.62<br>-1.68<br>-0.77 | 26.73<br>-1.85<br>-0.52 | 28.10<br>-1.95<br>0.00 | 30.21<br>-1.88<br>0.38 | -16.22<br>-2.27<br>53.06 | 0.00<br>-2.11<br>36.89  | -3.66<br>-1.32<br>37.95 | 8.19<br>-1.27<br>23.87  | 5.48<br>-1.41<br>29.35  | 10.65<br>-1.47<br>26.50 | 4.41<br>-1.46<br>33.65  | -10.63<br>-1.56<br>51.15 | 4.39<br>-1.78<br>34.41  | 0.00<br>-1.76<br>43.42  | 0.00<br>-1.56<br>54.01    | 17.19<br>-1.86<br>52.30  | 6.00<br>-0.51<br>78.27   | 87.69<br>-0.26<br>-0.63 | 85.40<br>-1.11<br>-1.08 | 38.15<br>-1.56<br>20.31  | 25.87<br>-1.52<br>21.74 | 42.01<br>-1.71<br>0.05 |
| BARRETT_IC_1<br>23704          | 41.97<br>3.32<br>-0.02 | 35.68<br>2.47<br>-3.80  | 33.06<br>2.28<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.49<br>2.43<br>-0.01 | 34.91<br>2.44<br>-0.01 | 42.01<br>2.89<br>-0.01   | 42.40<br>3.35<br>-0.05  | 38.75<br>3.13<br>-0.01  | 36.54<br>3.20<br>-0.01  | 39.63<br>3.37<br>-0.01  | 42.57<br>3.94<br>-0.02  | 46.26<br>4.23<br>-2.50  | 52.07<br>4.34<br>-5.65   | 52.41<br>3.98<br>-7.84  | 92.89<br>4.25<br>-43.46 | 196.32<br>5.45<br>-135.30 | 164.17<br>7.13<br>-85.68 | 155.01<br>9.49<br>-60.74 | 96.97<br>9.43<br>-0.21  | 93.76<br>8.12<br>-0.21  | 141.04<br>5.10<br>-75.92 | 53.12<br>3.98<br>-0.01  | 47.56<br>3.77<br>-0.02 |
| BARRETT_IC_10<br>23701         | 41.97<br>3.32<br>-0.02 | 35.68<br>2.47<br>-3.80  | 33.06<br>2.28<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.49<br>2.43<br>-0.01 | 34.91<br>2.44<br>-0.01 | 42.01<br>2.89<br>-0.01   | 42.40<br>3.35<br>-0.05  | 38.75<br>3.13<br>-0.01  | 36.54<br>3.20<br>-0.01  | 39.63<br>3.37<br>-0.01  | 42.57<br>3.94<br>-0.02  | 46.26<br>4.23<br>-2.50  | 52.07<br>4.34<br>-5.65   | 52.41<br>3.98<br>-7.84  | 92.89<br>4.25<br>-43.46 | 196.32<br>5.45<br>-135.30 | 164.17<br>7.13<br>-85.68 | 155.01<br>9.49<br>-60.74 | 96.97<br>9.43<br>-0.21  | 93.76<br>8.12<br>-0.21  | 141.04<br>5.10<br>-75.92 | 53.12<br>3.98<br>-0.01  | 47.56<br>3.77<br>-0.02 |
| BARRETT_IC_11<br>23702         | 41.97<br>3.32<br>-0.02 | 35.68<br>2.47<br>-3.80  | 33.06<br>2.28<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.49<br>2.43<br>-0.01 | 34.91<br>2.44<br>-0.01 | 42.01<br>2.89<br>-0.01   | 42.40<br>3.35<br>-0.05  | 38.75<br>3.13<br>-0.01  | 36.54<br>3.20<br>-0.01  | 39.63<br>3.37<br>-0.01  | 42.57<br>3.94<br>-0.02  | 46.26<br>4.23<br>-2.50  | 52.07<br>4.34<br>-5.65   | 52.41<br>3.98<br>-7.84  | 92.89<br>4.25<br>-43.46 | 196.32<br>5.45<br>-135.30 | 164.17<br>7.13<br>-85.68 | 155.01<br>9.49<br>-60.74 | 96.97<br>9.43<br>-0.21  | 93.76<br>8.12<br>-0.21  | 141.04<br>5.10<br>-75.92 | 53.12<br>3.98<br>-0.01  | 47.56<br>3.77<br>-0.02 |
| BARRETT_IC_12<br>23703         | 41.97<br>3.32<br>-0.02 | 35.68<br>2.47<br>-3.80  | 33.06<br>2.28<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.49<br>2.43<br>-0.01 | 34.91<br>2.44<br>-0.01 | 42.01<br>2.89<br>-0.01   | 42.40<br>3.35<br>-0.05  | 38.75<br>3.13<br>-0.01  | 36.54<br>3.20<br>-0.01  | 39.63<br>3.37<br>-0.01  | 42.57<br>3.94<br>-0.02  | 46.26<br>4.23<br>-2.50  | 52.07<br>4.34<br>-5.65   | 52.41<br>3.98<br>-7.84  | 92.89<br>4.25<br>-43.46 | 196.32<br>5.45<br>-135.30 | 164.17<br>7.13<br>-85.68 | 155.01<br>9.49<br>-60.74 | 96.97<br>9.43<br>-0.21  | 93.76<br>8.12<br>-0.21  | 141.04<br>5.10<br>-75.92 | 53.12<br>3.98<br>-0.01  | 47.56<br>3.77<br>-0.02 |
| BARRETT_IC_2<br>23705          | 41.97<br>3.32<br>-0.02 | 35.68<br>2.47<br>-3.80  | 33.06<br>2.28<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.49<br>2.43<br>-0.01 | 34.91<br>2.44<br>-0.01 | 42.01<br>2.89<br>-0.01   | 42.40<br>3.35<br>-0.05  | 38.75<br>3.13<br>-0.01  | 36.54<br>3.20<br>-0.01  | 39.63<br>3.37<br>-0.01  | 42.57<br>3.94<br>-0.02  | 46.26<br>4.23<br>-2.50  | 52.07<br>4.34<br>-5.65   | 52.41<br>3.98<br>-7.84  | 92.89<br>4.25<br>-43.46 | 196.32<br>5.45<br>-135.30 | 164.17<br>7.13<br>-85.68 | 155.01<br>9.49<br>-60.74 | 96.97<br>9.43<br>-0.21  | 93.76<br>8.12<br>-0.21  | 141.04<br>5.10<br>-75.92 | 53.12<br>3.98<br>-0.01  | 47.56<br>3.77<br>-0.02 |
| BARRETT_IC_3<br>23706          | 41.97<br>3.32<br>-0.02 | 35.68<br>2.47<br>-3.80  | 33.06<br>2.28<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.49<br>2.43<br>-0.01 | 34.91<br>2.44<br>-0.01 | 42.01<br>2.89<br>-0.01   | 42.40<br>3.35<br>-0.05  | 38.75<br>3.13<br>-0.01  | 36.54<br>3.20<br>-0.01  | 39.63<br>3.37<br>-0.01  | 42.57<br>3.94<br>-0.02  | 46.26<br>4.23<br>-2.50  | 52.07<br>4.34<br>-5.65   | 52.41<br>3.98<br>-7.84  | 92.89<br>4.25<br>-43.46 | 196.32<br>5.45<br>-135.30 | 164.17<br>7.13<br>-85.68 | 155.01<br>9.49<br>-60.74 | 96.97<br>9.43<br>-0.21  | 93.76<br>8.12<br>-0.21  | 141.04<br>5.10<br>-75.92 | 53.12<br>3.98<br>-0.01  | 47.56<br>3.77<br>-0.02 |
| BARRETT_IC_4<br>23707          | 41.97<br>3.32<br>-0.02 | 35.68<br>2.47<br>-3.80  | 33.06<br>2.28<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.49<br>2.43<br>-0.01 | 34.91<br>2.44<br>-0.01 | 42.01<br>2.89<br>-0.01   | 42.40<br>3.35<br>-0.05  | 38.75<br>3.13<br>-0.01  | 36.54<br>3.20<br>-0.01  | 39.63<br>3.37<br>-0.01  | 42.57<br>3.94<br>-0.02  | 46.26<br>4.23<br>-2.50  | 52.07<br>4.34<br>-5.65   | 52.41<br>3.98<br>-7.84  | 92.89<br>4.25<br>-43.46 | 196.32<br>5.45<br>-135.30 | 164.17<br>7.13<br>-85.68 | 155.01<br>9.49<br>-60.74 | 96.97<br>9.43<br>-0.21  | 93.76<br>8.12<br>-0.21  | 141.04<br>5.10<br>-75.92 | 53.12<br>3.98<br>-0.01  | 47.56<br>3.77<br>-0.02 |
| BARRETT_IC_5<br>23708          | 41.97<br>3.32<br>-0.02 | 35.68<br>2.47<br>-3.80  | 33.06<br>2.28<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.49<br>2.43<br>-0.01 | 34.91<br>2.44<br>-0.01 | 42.01<br>2.89<br>-0.01   | 42.40<br>3.35<br>-0.05  | 38.75<br>3.13<br>-0.01  | 36.54<br>3.20<br>-0.01  | 39.63<br>3.37<br>-0.01  | 42.57<br>3.94<br>-0.02  | 46.26<br>4.23<br>-2.50  | 52.07<br>4.34<br>-5.65   | 52.41<br>3.98<br>-7.84  | 92.89<br>4.25<br>-43.46 | 196.32<br>5.45<br>-135.30 | 164.17<br>7.13<br>-85.68 | 155.01<br>9.49<br>-60.74 | 96.97<br>9.43<br>-0.21  | 93.76<br>8.12<br>-0.21  | 141.04<br>5.10<br>-75.92 | 53.12<br>3.98<br>-0.01  | 47.56<br>3.77<br>-0.02 |

|                              |                        |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                           |                          |                          |                         |                        |                          |                        |                        |
|------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|---------------------------|--------------------------|--------------------------|-------------------------|------------------------|--------------------------|------------------------|------------------------|
| BARRETT_IC_6<br>23709        | 41.97<br>3.32<br>-0.02 | 35.68<br>2.47<br>-3.80  | 33.06<br>2.28<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.49<br>2.43<br>-0.01 | 34.91<br>2.44<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.40<br>3.35<br>-0.05 | 38.75<br>3.13<br>-0.01 | 36.54<br>3.20<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.57<br>3.94<br>-0.02 | 46.26<br>4.23<br>-2.50 | 52.07<br>4.34<br>-5.65 | 52.41<br>3.98<br>-7.84  | 92.89<br>4.25<br>-43.46 | 196.32<br>5.45<br>-135.30 | 164.17<br>7.13<br>-85.68 | 155.01<br>9.49<br>-60.74 | 96.97<br>9.43<br>-0.21  | 93.76<br>8.12<br>-0.21 | 141.04<br>5.10<br>-75.92 | 53.12<br>3.98<br>-0.01 | 47.56<br>3.77<br>-0.02 |
| BARRETT_IC_7<br>23710        | 42.00<br>3.36<br>-0.01 | 35.73<br>2.53<br>-3.79  | 33.06<br>2.29<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.48<br>2.43<br>0.00  | 34.90<br>2.43<br>0.00  | 42.20<br>3.09<br>0.00  | 42.43<br>3.43<br>0.00  | 38.78<br>3.17<br>0.00  | 36.53<br>3.20<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.25<br>4.23<br>-2.50 | 52.02<br>4.29<br>-5.64 | 52.40<br>3.98<br>-7.84  | 92.89<br>4.25<br>-43.46 | 196.31<br>5.45<br>-135.30 | 164.17<br>7.14<br>-85.68 | 155.01<br>9.50<br>-60.74 | 96.96<br>9.43<br>-0.21  | 93.92<br>8.29<br>-0.21 | 141.05<br>5.10<br>-75.92 | 53.11<br>3.98<br>0.00  | 47.55<br>3.76<br>-0.01 |
| BARRETT_IC_8<br>23711        | 41.97<br>3.32<br>-0.02 | 35.68<br>2.47<br>-3.80  | 33.06<br>2.28<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.49<br>2.43<br>-0.01 | 34.91<br>2.44<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.40<br>3.35<br>-0.05 | 38.75<br>3.13<br>-0.01 | 36.54<br>3.20<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.57<br>3.94<br>-0.02 | 46.26<br>4.23<br>-2.50 | 52.07<br>4.34<br>-5.65 | 52.41<br>3.98<br>-7.84  | 92.89<br>4.25<br>-43.46 | 196.32<br>5.45<br>-135.30 | 164.17<br>7.13<br>-85.68 | 155.01<br>9.49<br>-60.74 | 96.97<br>9.43<br>-0.21  | 93.76<br>8.12<br>-0.21 | 141.04<br>5.10<br>-75.92 | 53.12<br>3.98<br>-0.01 | 47.56<br>3.77<br>-0.02 |
| BARRETT_IC_9<br>23700        | 41.97<br>3.32<br>-0.02 | 35.68<br>2.47<br>-3.80  | 33.06<br>2.28<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.49<br>2.43<br>-0.01 | 34.91<br>2.44<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.40<br>3.35<br>-0.05 | 38.75<br>3.13<br>-0.01 | 36.54<br>3.20<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.57<br>3.94<br>-0.02 | 46.26<br>4.23<br>-2.50 | 52.07<br>4.34<br>-5.65 | 52.41<br>3.98<br>-7.84  | 92.89<br>4.25<br>-43.46 | 196.32<br>5.45<br>-135.30 | 164.17<br>7.13<br>-85.68 | 155.01<br>9.49<br>-60.74 | 96.97<br>9.43<br>-0.21  | 93.76<br>8.12<br>-0.21 | 141.04<br>5.10<br>-75.92 | 53.12<br>3.98<br>-0.01 | 47.56<br>3.77<br>-0.02 |
| BARRETT___1<br>23545         | 41.97<br>3.32<br>-0.02 | 35.68<br>2.47<br>-3.80  | 33.06<br>2.28<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.49<br>2.43<br>-0.01 | 34.91<br>2.44<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.40<br>3.35<br>-0.05 | 38.75<br>3.13<br>-0.01 | 36.54<br>3.20<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.57<br>3.94<br>-0.02 | 46.26<br>4.23<br>-2.50 | 52.07<br>4.34<br>-5.65 | 52.41<br>3.98<br>-7.84  | 92.89<br>4.25<br>-43.46 | 196.32<br>5.45<br>-135.30 | 164.17<br>7.13<br>-85.68 | 155.01<br>9.49<br>-60.74 | 96.97<br>9.43<br>-0.21  | 93.76<br>8.12<br>-0.21 | 141.04<br>5.10<br>-75.92 | 53.12<br>3.98<br>-0.01 | 47.56<br>3.77<br>-0.02 |
| BARRETT___2<br>23546         | 41.97<br>3.32<br>-0.02 | 35.68<br>2.47<br>-3.80  | 33.06<br>2.28<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.49<br>2.43<br>-0.01 | 34.91<br>2.44<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.40<br>3.35<br>-0.05 | 38.75<br>3.13<br>-0.01 | 36.54<br>3.20<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.57<br>3.94<br>-0.02 | 46.26<br>4.23<br>-2.50 | 52.07<br>4.34<br>-5.65 | 52.41<br>3.98<br>-7.84  | 92.89<br>4.25<br>-43.46 | 196.32<br>5.45<br>-135.30 | 164.17<br>7.13<br>-85.68 | 155.01<br>9.49<br>-60.74 | 96.97<br>9.43<br>-0.21  | 93.76<br>8.12<br>-0.21 | 141.04<br>5.10<br>-75.92 | 53.12<br>3.98<br>-0.01 | 47.56<br>3.77<br>-0.02 |
| BATAVIA___115KV_TB1<br>55881 | 36.16<br>-2.47<br>0.00 | 27.56<br>-2.44<br>-0.59 | 25.84<br>-2.20<br>-0.51 | 25.88<br>-2.53<br>-0.34 | 27.22<br>-2.82<br>0.00 | 29.07<br>-3.02<br>0.38 | 30.21<br>-2.85<br>6.04 | 29.35<br>-2.61<br>7.04 | 28.26<br>-2.28<br>5.07 | 28.04<br>-2.10<br>3.19 | 29.93<br>-2.39<br>3.92 | 32.60<br>-2.47<br>3.54 | 32.42<br>-2.61<br>4.49 | 32.42<br>-2.82<br>6.84 | 33.19<br>-2.80<br>4.60  | 36.18<br>-2.80<br>6.21  | 44.04<br>-2.78<br>8.75    | 57.60<br>-3.50<br>10.25  | 73.86<br>-2.12<br>8.80   | 86.01<br>-1.31<br>0.00  | 82.68<br>-2.73<br>0.02 | 51.63<br>-3.30<br>5.09   | 42.39<br>-2.46<br>4.29 | 41.80<br>-1.97<br>0.01 |
| BAYONEEC___CTG1<br>323682    | 41.80<br>3.17<br>0.00  | 35.52<br>2.32<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00  | 41.73<br>2.62<br>0.00  | 42.04<br>3.00<br>-0.04 | 38.67<br>3.06<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.75<br>4.62<br>-2.61 | 53.31<br>4.96<br>-6.26 | 63.16<br>4.71<br>-17.87 | 63.62<br>5.15<br>-13.28 | 90.90<br>6.39<br>-28.95   | 94.86<br>8.20<br>-15.30  | 100.59<br>10.00<br>-5.81 | 97.37<br>10.04<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.24<br>5.22<br>0.00    | 53.46<br>4.32<br>-0.01 | 47.49<br>3.72<br>0.00  |
| BAYONEEC___CTG10<br>323750   | 41.80<br>3.17<br>0.00  | 35.52<br>2.32<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00  | 41.73<br>2.62<br>0.00  | 42.04<br>3.00<br>-0.04 | 38.67<br>3.06<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.75<br>4.62<br>-2.61 | 53.31<br>4.96<br>-6.26 | 63.16<br>4.71<br>-17.87 | 63.62<br>5.15<br>-13.28 | 90.90<br>6.39<br>-28.95   | 94.86<br>8.20<br>-15.30  | 100.59<br>10.00<br>-5.81 | 97.37<br>10.04<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.24<br>5.22<br>0.00    | 53.46<br>4.32<br>-0.01 | 47.49<br>3.72<br>0.00  |
| BAYONEEC___CTG2<br>323683    | 41.80<br>3.17<br>0.00  | 35.52<br>2.32<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00  | 41.73<br>2.62<br>0.00  | 42.04<br>3.00<br>-0.04 | 38.67<br>3.06<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.75<br>4.62<br>-2.61 | 53.31<br>4.96<br>-6.26 | 63.16<br>4.71<br>-17.87 | 63.62<br>5.15<br>-13.28 | 90.90<br>6.39<br>-28.95   | 94.86<br>8.20<br>-15.30  | 100.59<br>10.00<br>-5.81 | 97.37<br>10.04<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.24<br>5.22<br>0.00    | 53.46<br>4.32<br>-0.01 | 47.49<br>3.72<br>0.00  |
| BAYONEEC___CTG3<br>323684    | 41.80<br>3.17<br>0.00  | 35.52<br>2.32<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00  | 41.73<br>2.62<br>0.00  | 42.04<br>3.00<br>-0.04 | 38.67<br>3.06<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.75<br>4.62<br>-2.61 | 53.31<br>4.96<br>-6.26 | 63.16<br>4.71<br>-17.87 | 63.62<br>5.15<br>-13.28 | 90.90<br>6.39<br>-28.95   | 94.86<br>8.20<br>-15.30  | 100.59<br>10.00<br>-5.81 | 97.37<br>10.04<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.24<br>5.22<br>0.00    | 53.46<br>4.32<br>-0.01 | 47.49<br>3.72<br>0.00  |
| BAYONEEC___CTG4<br>323685    | 41.80<br>3.17<br>0.00  | 35.52<br>2.32<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00  | 41.73<br>2.62<br>0.00  | 42.04<br>3.00<br>-0.04 | 38.67<br>3.06<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.75<br>4.62<br>-2.61 | 53.31<br>4.96<br>-6.26 | 63.16<br>4.71<br>-17.87 | 63.62<br>5.15<br>-13.28 | 90.90<br>6.39<br>-28.95   | 94.86<br>8.20<br>-15.30  | 100.59<br>10.00<br>-5.81 | 97.37<br>10.04<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.24<br>5.22<br>0.00    | 53.46<br>4.32<br>-0.01 | 47.49<br>3.72<br>0.00  |
| BAYONEEC___CTG5<br>323686    | 41.80<br>3.17<br>0.00  | 35.52<br>2.32<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00  | 41.73<br>2.62<br>0.00  | 42.04<br>3.00<br>-0.04 | 38.67<br>3.06<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.75<br>4.62<br>-2.61 | 53.31<br>4.96<br>-6.26 | 63.16<br>4.71<br>-17.87 | 63.62<br>5.15<br>-13.28 | 90.90<br>6.39<br>-28.95   | 94.86<br>8.20<br>-15.30  | 100.59<br>10.00<br>-5.81 | 97.37<br>10.04<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.24<br>5.22<br>0.00    | 53.46<br>4.32<br>-0.01 | 47.49<br>3.72<br>0.00  |
| BAYONEEC___CTG6<br>323687    | 41.80<br>3.17<br>0.00  | 35.52<br>2.32<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00  | 41.73<br>2.62<br>0.00  | 42.04<br>3.00<br>-0.04 | 38.67<br>3.06<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.75<br>4.62<br>-2.61 | 53.31<br>4.96<br>-6.26 | 63.16<br>4.71<br>-17.87 | 63.62<br>5.15<br>-13.28 | 90.90<br>6.39<br>-28.95   | 94.86<br>8.20<br>-15.30  | 100.59<br>10.00<br>-5.81 | 97.37<br>10.04<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.24<br>5.22<br>0.00    | 53.46<br>4.32<br>-0.01 | 47.49<br>3.72<br>0.00  |
| BAYONEEC___CTG7<br>323688    | 41.80<br>3.17<br>0.00  | 35.52<br>2.32<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00  | 41.73<br>2.62<br>0.00  | 42.04<br>3.00<br>-0.04 | 38.67<br>3.06<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.75<br>4.62<br>-2.61 | 53.31<br>4.96<br>-6.26 | 63.16<br>4.71<br>-17.87 | 63.62<br>5.15<br>-13.28 | 90.90<br>6.39<br>-28.95   | 94.86<br>8.20<br>-15.30  | 100.59<br>10.00<br>-5.81 | 97.37<br>10.04<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.24<br>5.22<br>0.00    | 53.46<br>4.32<br>-0.01 | 47.49<br>3.72<br>0.00  |

|   |                        |                         |                         |                         |                        |                         |                         |                         |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                          |                         |                        |                        |                        |                        |
|---|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG8<br>323689               | 41.80<br>3.17<br>0.00  | 35.52<br>2.32<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00   | 41.73<br>2.62<br>0.00   | 42.04<br>3.00<br>-0.04  | 38.67<br>3.06<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.75<br>4.62<br>-2.61 | 53.31<br>4.96<br>-6.26  | 63.16<br>4.71<br>-17.87 | 63.62<br>5.15<br>-13.28 | 90.90<br>6.39<br>-28.95 | 94.86<br>8.20<br>-15.30 | 100.59<br>10.00<br>-5.81 | 97.37<br>10.04<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.24<br>5.22<br>0.00  | 53.46<br>4.32<br>-0.01 | 47.49<br>3.72<br>0.00  |
| BAYONEEC___CTG9<br>323749               | 41.80<br>3.17<br>0.00  | 35.52<br>2.32<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00   | 41.73<br>2.62<br>0.00   | 42.04<br>3.00<br>-0.04  | 38.67<br>3.06<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.75<br>4.62<br>-2.61 | 53.31<br>4.96<br>-6.26  | 63.16<br>4.71<br>-17.87 | 63.62<br>5.15<br>-13.28 | 90.90<br>6.39<br>-28.95 | 94.86<br>8.20<br>-15.30 | 100.59<br>10.00<br>-5.81 | 97.37<br>10.04<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.24<br>5.22<br>0.00  | 53.46<br>4.32<br>-0.01 | 47.49<br>3.72<br>0.00  |
| BAYPORT_69_KV_BK 2<br>356364            | 42.74<br>4.10<br>-0.01 | 36.23<br>3.03<br>-3.79  | 33.47<br>2.70<br>-3.24  | 32.90<br>2.64<br>-2.20  | 33.05<br>3.00<br>0.00  | 35.45<br>2.99<br>0.00   | 42.94<br>3.83<br>0.00   | 43.17<br>4.17<br>0.00   | 39.28<br>3.67<br>0.00  | 36.97<br>3.63<br>-0.01 | 40.13<br>3.88<br>-0.01 | 43.26<br>4.63<br>-0.01 | 46.72<br>4.70<br>-2.50 | 52.35<br>4.63<br>-5.64  | 52.68<br>4.26<br>-7.84  | 56.90<br>4.79<br>-6.92  | 72.06<br>6.06<br>-10.44 | 88.48<br>7.71<br>-9.42  | 96.61<br>10.60<br>-1.24  | 97.80<br>10.48<br>0.00  | 94.82<br>9.40<br>0.00  | 70.12<br>6.12<br>-3.98 | 53.85<br>4.72<br>0.00  | 48.34<br>4.55<br>-0.01 |
| BEACON___LESR<br>323632                 | 39.87<br>1.24<br>0.00  | 34.97<br>1.24<br>-4.33  | 32.33<br>1.10<br>-3.70  | 31.72<br>1.15<br>-2.51  | 31.25<br>1.20<br>0.00  | 33.70<br>1.23<br>0.00   | 40.56<br>1.45<br>0.00   | 40.40<br>1.40<br>0.00   | 36.60<br>1.00<br>0.00  | 34.12<br>0.80<br>0.00  | 37.16<br>0.91<br>0.00  | 39.50<br>0.89<br>0.00  | 40.55<br>1.03<br>0.00  | 43.35<br>1.26<br>0.00   | 41.84<br>1.26<br>0.00   | 46.67<br>1.49<br>0.00   | 57.29<br>1.72<br>0.00   | 73.78<br>2.43<br>0.00   | 88.26<br>3.48<br>0.00    | 90.82<br>3.50<br>0.00   | 88.85<br>3.42<br>0.00  | 62.18<br>2.16<br>0.00  | 50.75<br>1.62<br>0.00  | 45.04<br>1.27<br>0.00  |
| BEAVER RIVER___HYD<br>24048             | 38.40<br>-0.23<br>0.00 | 29.38<br>-0.20<br>-0.18 | 27.44<br>-0.25<br>-0.15 | 27.71<br>-0.45<br>-0.10 | 29.33<br>-0.72<br>0.00 | 31.82<br>-0.65<br>0.00  | 38.09<br>-1.02<br>0.00  | 37.60<br>-1.40<br>0.00  | 33.97<br>-1.64<br>0.00 | 31.46<br>-1.87<br>0.00 | 34.07<br>-2.17<br>0.00 | 36.30<br>-2.32<br>0.00 | 37.11<br>-2.41<br>0.00 | 39.70<br>-2.52<br>-0.14 | 38.31<br>-2.27<br>0.00  | 42.83<br>-2.35<br>0.00  | 53.34<br>-2.22<br>0.00  | 68.85<br>-2.50<br>0.00  | 87.02<br>1.19<br>-1.06   | 90.73<br>2.44<br>-0.97  | 89.88<br>2.56<br>-1.89 | 61.16<br>1.14<br>0.00  | 49.67<br>0.54<br>0.00  | 44.17<br>0.39<br>0.00  |
| BEEBEE_GT_13<br>23619                   | 37.32<br>-1.31<br>0.00 | 28.68<br>-1.24<br>-0.50 | 26.84<br>-1.13<br>-0.43 | 27.01<br>-1.35<br>-0.29 | 28.49<br>-1.56<br>0.00 | 30.74<br>-1.75<br>-0.03 | 37.47<br>-1.64<br>0.00  | 37.31<br>-1.60<br>0.09  | 34.08<br>-1.53<br>0.00 | 31.93<br>-1.40<br>0.00 | 34.73<br>-1.52<br>0.00 | 37.11<br>-1.51<br>0.00 | 37.95<br>-1.58<br>0.00 | 40.41<br>-1.68<br>-0.01 | 38.97<br>-1.62<br>0.00  | 43.21<br>-1.49<br>0.48  | 52.67<br>-1.22<br>1.68  | 66.07<br>-1.50<br>3.78  | 84.18<br>-0.59<br>0.00   | 87.32<br>0.00<br>0.00   | 84.49<br>-0.94<br>0.00 | 55.29<br>-1.92<br>2.81 | 45.98<br>-1.62<br>1.53 | 42.81<br>-0.96<br>0.00 |
| BENSHRST_27_KV_BENSHRST_1<br>355998     | 42.31<br>3.67<br>-0.01 | 35.94<br>2.74<br>-3.80  | 33.37<br>2.59<br>-3.25  | 32.79<br>2.53<br>-2.21  | 32.64<br>2.58<br>-0.01 | 35.10<br>2.63<br>-0.01  | 42.28<br>3.17<br>-0.01  | 42.52<br>3.51<br>-0.01  | 39.11<br>3.49<br>-0.01 | 37.07<br>3.73<br>-0.02 | 40.29<br>4.02<br>-0.02 | 43.07<br>4.44<br>-0.02 | 47.11<br>4.98<br>-2.61 | 53.57<br>5.18<br>-6.31  | 63.36<br>4.91<br>-17.86 | 63.97<br>5.51<br>-13.27 | 91.39<br>6.89<br>-28.94 | 95.56<br>8.92<br>-15.29 | 101.43<br>10.85<br>-5.80 | 98.07<br>10.74<br>-0.01 | 94.84<br>9.40<br>-0.01 | 65.78<br>5.76<br>0.00  | 54.01<br>4.86<br>-0.01 | 48.03<br>4.25<br>-0.01 |
| BETHLEHEM___GRP<br>23843                | 39.33<br>0.70<br>0.00  | 34.48<br>0.74<br>-4.33  | 32.03<br>0.80<br>-3.70  | 31.39<br>0.81<br>-2.51  | 30.89<br>0.84<br>0.00  | 33.31<br>0.84<br>0.00   | 39.81<br>0.70<br>0.00   | 39.66<br>0.66<br>0.00   | 36.18<br>0.57<br>0.00  | 33.76<br>0.43<br>0.00  | 36.76<br>0.51<br>0.00  | 39.08<br>0.46<br>0.00  | 40.15<br>0.63<br>0.00  | 42.93<br>0.84<br>0.00   | 41.40<br>0.81<br>0.00   | 46.00<br>0.81<br>0.00   | 56.29<br>0.72<br>0.00   | 72.49<br>1.14<br>0.00   | 86.47<br>1.70<br>0.00    | 89.07<br>1.75<br>0.00   | 87.14<br>1.71<br>0.00  | 61.04<br>1.02<br>0.00  | 49.87<br>0.74<br>0.00  | 44.39<br>0.61<br>0.00  |
| BETHLEHEM___GS1<br>323560               | 39.37<br>0.73<br>0.00  | 34.62<br>0.88<br>-4.33  | 32.03<br>0.80<br>-3.70  | 31.39<br>0.81<br>-2.51  | 30.89<br>0.84<br>0.00  | 33.31<br>0.84<br>0.00   | 40.09<br>0.98<br>0.00   | 39.93<br>0.93<br>0.00   | 36.18<br>0.57<br>0.00  | 33.76<br>0.43<br>0.00  | 36.76<br>0.51<br>0.00  | 39.08<br>0.47<br>0.00  | 40.15<br>0.63<br>0.00  | 42.93<br>0.84<br>0.00   | 41.40<br>0.81<br>0.00   | 46.00<br>0.81<br>0.00   | 56.29<br>0.72<br>0.00   | 72.49<br>1.14<br>0.00   | 86.47<br>1.69<br>0.00    | 89.07<br>1.75<br>0.00   | 87.05<br>1.62<br>0.00  | 60.98<br>0.96<br>0.00  | 49.87<br>0.74<br>0.00  | 44.34<br>0.57<br>0.00  |
| BETHLEHEM___GS2<br>323561               | 39.37<br>0.73<br>0.00  | 34.62<br>0.88<br>-4.33  | 32.03<br>0.80<br>-3.70  | 31.39<br>0.81<br>-2.51  | 30.89<br>0.84<br>0.00  | 33.31<br>0.84<br>0.00   | 40.09<br>0.98<br>0.00   | 39.93<br>0.93<br>0.00   | 36.18<br>0.57<br>0.00  | 33.76<br>0.43<br>0.00  | 36.76<br>0.51<br>0.00  | 39.08<br>0.47<br>0.00  | 40.15<br>0.63<br>0.00  | 42.93<br>0.84<br>0.00   | 41.40<br>0.81<br>0.00   | 46.00<br>0.81<br>0.00   | 56.29<br>0.72<br>0.00   | 72.49<br>1.14<br>0.00   | 86.47<br>1.69<br>0.00    | 89.07<br>1.75<br>0.00   | 87.05<br>1.62<br>0.00  | 60.98<br>0.96<br>0.00  | 49.87<br>0.74<br>0.00  | 44.34<br>0.57<br>0.00  |
| BETHLEHEM___GS3<br>323562               | 39.37<br>0.73<br>0.00  | 34.62<br>0.88<br>-4.33  | 32.03<br>0.80<br>-3.70  | 31.39<br>0.81<br>-2.51  | 30.89<br>0.84<br>0.00  | 33.31<br>0.84<br>0.00   | 40.09<br>0.98<br>0.00   | 39.93<br>0.93<br>0.00   | 36.18<br>0.57<br>0.00  | 33.76<br>0.43<br>0.00  | 36.76<br>0.51<br>0.00  | 39.08<br>0.47<br>0.00  | 40.15<br>0.63<br>0.00  | 42.93<br>0.84<br>0.00   | 41.40<br>0.81<br>0.00   | 46.00<br>0.81<br>0.00   | 56.29<br>0.72<br>0.00   | 72.49<br>1.14<br>0.00   | 86.47<br>1.69<br>0.00    | 89.07<br>1.75<br>0.00   | 87.05<br>1.62<br>0.00  | 60.98<br>0.96<br>0.00  | 49.87<br>0.74<br>0.00  | 44.34<br>0.57<br>0.00  |
| BETHLEHEM___STEEL<br>23779              | 35.31<br>-3.32<br>0.00 | 26.80<br>-3.29<br>-0.69 | 25.12<br>-3.00<br>-0.59 | 25.15<br>-3.31<br>-0.40 | 26.47<br>-3.58<br>0.00 | 28.65<br>-3.67<br>0.15  | 24.05<br>-4.34<br>10.71 | 22.76<br>-3.74<br>12.50 | 23.93<br>-2.60<br>9.08 | 25.34<br>-2.27<br>5.72 | 26.76<br>-2.46<br>7.02 | 29.76<br>-2.51<br>6.34 | 28.86<br>-2.61<br>8.05 | 26.89<br>-2.95<br>12.25 | 29.39<br>-2.96<br>8.23  | 31.39<br>-3.07<br>10.72 | 40.03<br>-3.00<br>12.54 | 53.06<br>-4.35<br>13.94 | 65.00<br>-3.65<br>16.13  | 83.39<br>-3.93<br>0.00  | 79.93<br>-5.47<br>0.03 | 49.11<br>-4.38<br>6.53 | 40.09<br>-3.29<br>5.75 | 40.48<br>-3.28<br>0.01 |
| BETHLHEM_115KV_TB1<br>79974             | 39.44<br>0.81<br>0.00  | 34.53<br>0.79<br>-4.33  | 32.05<br>0.83<br>-3.70  | 31.41<br>0.84<br>-2.51  | 30.92<br>0.87<br>0.00  | 33.34<br>0.88<br>0.00   | 39.89<br>0.78<br>0.00   | 39.74<br>0.74<br>0.00   | 36.25<br>0.64<br>0.00  | 33.86<br>0.53<br>0.00  | 36.86<br>0.62<br>0.00  | 39.19<br>0.58<br>0.00  | 40.27<br>0.75<br>0.00  | 43.05<br>0.97<br>0.00   | 41.52<br>0.93<br>0.00   | 46.13<br>0.95<br>0.00   | 56.51<br>0.94<br>0.00   | 72.71<br>1.36<br>0.00   | 86.73<br>1.95<br>0.00    | 89.33<br>2.01<br>0.00   | 87.39<br>1.96<br>0.00  | 61.16<br>1.14<br>0.00  | 50.02<br>0.88<br>0.00  | 44.47<br>0.70<br>0.00  |
| BETHPAGE_CC_5<br>323564                 | 42.32<br>3.67<br>-0.01 | 35.88<br>2.68<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.62<br>2.36<br>-2.20  | 32.69<br>2.64<br>0.00  | 35.10<br>2.63<br>0.00   | 42.28<br>3.17<br>0.00   | 42.67<br>3.63<br>-0.04  | 38.99<br>3.38<br>0.00  | 36.77<br>3.43<br>-0.01 | 39.92<br>3.66<br>-0.01 | 42.91<br>4.29<br>-0.01 | 46.60<br>4.58<br>-2.50 | 52.31<br>4.59<br>-5.64  | 52.68<br>4.26<br>-7.84  | 58.73<br>4.56<br>-8.99  | 78.90<br>5.83<br>-17.50 | 92.64<br>7.56<br>-13.73 | 99.46<br>10.08<br>-4.60  | 97.37<br>10.04<br>-0.01 | 94.06<br>8.62<br>-0.01 | 74.84<br>5.58<br>-9.24 | 53.51<br>4.37<br>-0.01 | 47.99<br>4.20<br>-0.01 |
| BIGTREE_115_KV_TB2_REV_LBMP_A<br>345034 | 35.31<br>-3.32<br>0.00 | 26.78<br>-3.32<br>-0.70 | 25.07<br>-3.06<br>-0.59 | 25.10<br>-3.37<br>-0.40 | 26.47<br>-3.58<br>0.00 | 28.75<br>-3.57<br>0.15  | 24.64<br>-4.38<br>10.09 | 23.32<br>-3.74<br>11.93 | 24.42<br>-2.35<br>8.83 | 25.70<br>-2.07<br>5.56 | 27.20<br>-2.21<br>6.84 | 30.20<br>-2.24<br>6.17 | 29.35<br>-2.33<br>7.84 | 27.51<br>-2.65<br>11.92 | 29.90<br>-2.68<br>8.01  | 31.99<br>-2.76<br>10.44 | 40.83<br>-2.61<br>12.12 | 53.89<br>-3.92<br>13.53 | 65.81<br>-3.22<br>15.75  | 83.65<br>-3.67<br>0.00  | 80.19<br>-5.21<br>0.03 | 49.57<br>-4.08<br>6.37 | 40.57<br>-3.00<br>5.57 | 40.52<br>-3.24<br>0.01 |

|                               |                        |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                        |                         |                         |                         |                        |                        |                        |                        |                        |
|-------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BINGHAMTON___COGEN<br>23790   | 38.63<br>0.00<br>0.00  | 30.60<br>-0.15<br>-1.34 | 28.48<br>-0.19<br>-1.14 | 28.58<br>-0.25<br>-0.78 | 29.78<br>-0.27<br>0.00 | 32.26<br>-0.19<br>0.01 | 38.83<br>-0.27<br>0.00 | 39.19<br>0.00<br>-0.19 | 35.90<br>0.28<br>0.00  | 33.66<br>0.33<br>0.00  | 36.58<br>0.33<br>0.00  | 39.04<br>0.42<br>0.00  | 40.04<br>0.51<br>0.00  | 42.78<br>0.55<br>-0.15  | 41.11<br>0.53<br>0.00   | 45.79<br>0.72<br>0.12  | 56.54<br>1.28<br>0.30   | 72.17<br>1.64<br>0.83   | 89.21<br>2.88<br>-1.55  | 91.19<br>2.88<br>-0.99 | 89.74<br>2.39<br>-1.92 | 60.51<br>1.14<br>0.65  | 49.55<br>0.79<br>0.37  | 44.21<br>0.44<br>0.00  |
| BIXINCNT_115KV_LOAD<br>355685 | 35.43<br>-3.21<br>0.00 | 26.82<br>-3.32<br>-0.73 | 25.02<br>-3.14<br>-0.63 | 25.01<br>-3.48<br>-0.42 | 26.41<br>-3.64<br>0.00 | 29.00<br>-3.34<br>0.12 | 27.94<br>-4.50<br>6.67 | 26.38<br>-3.63<br>8.99 | 26.04<br>-1.78<br>7.79 | 26.92<br>-1.50<br>4.90 | 28.66<br>-1.56<br>6.03 | 31.59<br>-1.58<br>5.44 | 30.96<br>-1.66<br>6.91 | 29.43<br>-2.15<br>10.51 | 31.37<br>-2.15<br>7.06  | 33.78<br>-2.17<br>9.23 | 43.09<br>-1.78<br>10.70 | 56.43<br>-2.85<br>12.07 | 68.83<br>-1.87<br>14.08 | 84.26<br>-3.06<br>0.00 | 80.70<br>-4.70<br>0.03 | 50.67<br>-3.60<br>5.75 | 41.48<br>-2.70<br>4.95 | 40.17<br>-3.59<br>0.01 |
| BLACK RIVER___HYD<br>24047    | 38.63<br>0.00<br>0.00  | 29.58<br>-0.06<br>-0.23 | 27.62<br>-0.11<br>-0.20 | 27.89<br>-0.31<br>-0.13 | 29.51<br>-0.54<br>0.00 | 32.14<br>-0.32<br>0.00 | 38.56<br>-0.55<br>0.00 | 38.18<br>-0.82<br>0.00 | 34.47<br>-1.14<br>0.00 | 31.83<br>-1.50<br>0.00 | 34.47<br>-1.78<br>0.00 | 36.72<br>-1.89<br>0.00 | 37.55<br>-1.97<br>0.00 | 40.16<br>-2.14<br>-0.22 | 38.64<br>-1.95<br>0.00  | 43.24<br>-1.94<br>0.00 | 54.23<br>-1.33<br>0.00  | 70.14<br>-1.21<br>0.00  | 89.17<br>2.79<br>-1.60  | 93.24<br>4.45<br>-1.47 | 92.90<br>4.61<br>-2.86 | 62.30<br>2.28<br>0.00  | 50.36<br>1.23<br>0.00  | 44.74<br>0.96<br>0.00  |
| BLACKRVR_115KV_TB2<br>79977   | 38.63<br>0.00<br>0.00  | 29.58<br>-0.06<br>-0.23 | 27.62<br>-0.11<br>-0.20 | 27.89<br>-0.31<br>-0.13 | 29.51<br>-0.54<br>0.00 | 32.14<br>-0.32<br>0.00 | 38.56<br>-0.55<br>0.00 | 38.18<br>-0.82<br>0.00 | 34.47<br>-1.14<br>0.00 | 31.83<br>-1.50<br>0.00 | 34.47<br>-1.78<br>0.00 | 36.72<br>-1.89<br>0.00 | 37.55<br>-1.98<br>0.00 | 40.15<br>-2.15<br>-0.22 | 38.64<br>-1.95<br>0.00  | 43.24<br>-1.94<br>0.00 | 54.23<br>-1.33<br>0.00  | 70.14<br>-1.21<br>0.00  | 89.18<br>2.80<br>-1.60  | 93.25<br>4.45<br>-1.47 | 92.91<br>4.61<br>-2.86 | 62.30<br>2.28<br>0.00  | 50.36<br>1.23<br>0.00  | 44.74<br>0.96<br>0.00  |
| BLISS_WT_PWR<br>323608        | 35.43<br>-3.21<br>0.00 | 26.82<br>-3.32<br>-0.73 | 24.97<br>-3.19<br>-0.63 | 24.95<br>-3.54<br>-0.42 | 26.35<br>-3.70<br>0.00 | 28.94<br>-3.41<br>0.12 | 27.86<br>-4.58<br>6.67 | 27.62<br>-3.82<br>7.56 | 25.97<br>-1.85<br>7.79 | 26.79<br>-1.63<br>4.90 | 28.63<br>-1.59<br>6.02 | 31.51<br>-1.66<br>5.44 | 30.84<br>-1.78<br>6.91 | 29.26<br>-2.31<br>10.51 | 31.21<br>-2.31<br>7.06  | 33.60<br>-2.35<br>9.23 | 42.92<br>-1.95<br>10.70 | 56.22<br>-3.07<br>12.07 | 68.58<br>-2.12<br>14.08 | 83.91<br>-3.41<br>0.00 | 80.28<br>-5.12<br>0.03 | 50.31<br>-3.96<br>5.75 | 41.19<br>-3.00<br>4.95 | 40.00<br>-3.76<br>0.01 |
| BLUESTONE___WT_PWR<br>323821  | 40.45<br>1.82<br>0.00  | 32.56<br>1.24<br>-1.91  | 30.30<br>1.13<br>-1.63  | 30.21<br>1.04<br>-1.11  | 31.07<br>1.02<br>0.00  | 33.73<br>1.26<br>0.00  | 40.20<br>1.09<br>0.00  | 40.42<br>1.29<br>-0.13 | 36.96<br>1.35<br>0.00  | 34.66<br>1.33<br>0.00  | 37.70<br>1.45<br>0.00  | 40.20<br>1.58<br>0.00  | 40.43<br>1.74<br>0.83  | 42.08<br>1.77<br>1.77   | 39.64<br>1.66<br>2.61   | 44.94<br>1.90<br>2.14  | 55.94<br>3.22<br>2.85   | 72.40<br>4.28<br>3.23   | 92.51<br>6.70<br>-1.04  | 95.08<br>7.07<br>-0.69 | 93.10<br>6.32<br>-1.34 | 63.02<br>3.48<br>0.48  | 51.27<br>2.41<br>0.27  | 45.70<br>1.92<br>0.00  |
| BLUE_CIRC_CHEM_DRP<br>24182   | 39.91<br>1.27<br>0.00  | 34.79<br>1.09<br>-4.29  | 32.21<br>1.02<br>-3.66  | 31.58<br>1.04<br>-2.49  | 31.16<br>1.11<br>0.00  | 33.57<br>1.10<br>0.00  | 40.28<br>1.17<br>0.00  | 40.09<br>1.09<br>0.00  | 36.46<br>0.85<br>0.00  | 33.99<br>0.67<br>0.00  | 36.97<br>0.72<br>0.00  | 39.31<br>0.70<br>0.00  | 40.39<br>0.87<br>0.00  | 43.14<br>1.05<br>0.00   | 41.64<br>1.06<br>0.00   | 46.41<br>1.22<br>0.00  | 56.95<br>1.39<br>0.00   | 73.42<br>2.07<br>0.00   | 87.83<br>3.05<br>0.00   | 90.64<br>3.32<br>0.00  | 88.59<br>3.16<br>0.00  | 62.06<br>2.04<br>0.00  | 50.75<br>1.62<br>0.00  | 45.13<br>1.36<br>0.00  |
| BOC_GAS_DRP<br>24189          | 39.64<br>1.00<br>0.00  | 34.60<br>0.88<br>-4.31  | 32.07<br>0.85<br>-3.68  | 31.40<br>0.84<br>-2.50  | 30.92<br>0.87<br>0.00  | 33.34<br>0.88<br>0.00  | 40.05<br>0.94<br>0.00  | 39.97<br>0.97<br>0.00  | 36.50<br>0.89<br>0.00  | 34.13<br>0.80<br>0.00  | 37.15<br>0.91<br>0.00  | 39.54<br>0.93<br>0.00  | 40.63<br>1.11<br>0.00  | 43.39<br>1.30<br>0.00   | 41.80<br>1.22<br>0.00   | 46.50<br>1.31<br>0.00  | 56.95<br>1.39<br>0.00   | 73.21<br>1.86<br>0.00   | 87.32<br>2.54<br>0.00   | 89.85<br>2.53<br>0.00  | 87.82<br>2.39<br>0.00  | 61.52<br>1.50<br>0.00  | 50.31<br>1.18<br>0.00  | 44.78<br>1.01<br>0.00  |
| BOONVILLE_115KV_TB1<br>79983  | 39.17<br>0.54<br>0.00  | 29.97<br>0.38<br>-0.17  | 28.01<br>0.33<br>-0.15  | 28.30<br>0.14<br>-0.10  | 30.02<br>-0.03<br>0.00 | 32.56<br>0.10<br>0.00  | 39.11<br>0.00<br>0.00  | 38.84<br>-0.16<br>0.00 | 35.25<br>-0.36<br>0.00 | 32.79<br>-0.53<br>0.00 | 35.60<br>-0.65<br>0.00 | 37.92<br>-0.70<br>0.00 | 38.85<br>-0.67<br>0.00 | 41.46<br>-0.72<br>-0.09 | 40.06<br>-0.53<br>0.00  | 44.66<br>-0.45<br>0.07 | 55.57<br>0.00<br>0.00   | 71.50<br>0.14<br>0.00   | 88.72<br>3.31<br>-0.64  | 92.10<br>4.19<br>-0.59 | 90.76<br>4.19<br>-1.14 | 62.30<br>2.28<br>0.00  | 50.61<br>1.47<br>0.00  | 45.00<br>1.23<br>0.00  |
| BORALEX_4TH_BRANCH<br>23824   | 40.41<br>1.78<br>0.00  | 35.44<br>1.68<br>-4.35  | 32.74<br>1.49<br>-3.72  | 32.13<br>1.54<br>-2.52  | 31.70<br>1.65<br>0.00  | 34.22<br>1.75<br>0.00  | 41.18<br>2.07<br>0.00  | 40.91<br>1.91<br>0.00  | 37.21<br>1.60<br>0.00  | 34.39<br>1.07<br>0.00  | 37.52<br>1.27<br>0.00  | 39.73<br>1.12<br>0.00  | 40.75<br>1.23<br>0.00  | 43.64<br>1.56<br>0.00   | 42.13<br>1.54<br>0.00   | 46.81<br>1.63<br>0.00  | 57.12<br>1.56<br>0.00   | 73.78<br>2.43<br>0.00   | 88.08<br>3.31<br>0.00   | 90.81<br>3.49<br>0.00  | 89.19<br>3.76<br>0.00  | 62.84<br>2.82<br>0.00  | 51.39<br>2.26<br>0.00  | 45.26<br>1.49<br>0.00  |
| BOWLINE___1<br>23526          | 41.26<br>2.63<br>0.00  | 35.08<br>1.94<br>-3.73  | 32.59<br>1.87<br>-3.19  | 32.02<br>1.80<br>-2.16  | 31.88<br>1.83<br>0.00  | 34.35<br>1.88<br>0.00  | 41.30<br>2.19<br>0.00  | 41.54<br>2.50<br>-0.04 | 38.14<br>2.53<br>0.00  | 36.06<br>2.73<br>0.00  | 39.18<br>2.93<br>0.00  | 41.89<br>3.28<br>0.00  | 47.16<br>3.88<br>-3.77 | 54.77<br>4.17<br>-8.52  | 56.37<br>3.94<br>-11.85 | 58.15<br>4.15<br>-8.81 | 70.87<br>5.17<br>-10.14 | 88.97<br>6.78<br>-10.84 | 92.30<br>8.31<br>0.79   | 95.62<br>8.30<br>0.00  | 92.60<br>7.18<br>0.00  | 64.16<br>4.14<br>0.00  | 52.52<br>3.39<br>0.00  | 46.79<br>3.02<br>0.00  |
| BOWLINE___2<br>23595          | 41.26<br>2.63<br>0.00  | 35.08<br>1.94<br>-3.73  | 32.59<br>1.87<br>-3.19  | 32.02<br>1.80<br>-2.16  | 31.88<br>1.83<br>0.00  | 34.35<br>1.88<br>0.00  | 41.30<br>2.19<br>0.00  | 41.54<br>2.50<br>-0.04 | 38.14<br>2.53<br>0.00  | 36.06<br>2.73<br>0.00  | 39.18<br>2.93<br>0.00  | 41.89<br>3.28<br>0.00  | 47.15<br>3.88<br>-3.75 | 54.73<br>4.17<br>-8.48  | 56.31<br>3.94<br>-11.79 | 58.20<br>4.25<br>-8.77 | 70.93<br>5.28<br>-10.08 | 88.98<br>6.85<br>-10.78 | 92.46<br>8.48<br>0.79   | 95.70<br>8.38<br>0.00  | 92.68<br>7.26<br>0.00  | 64.28<br>4.26<br>0.00  | 52.57<br>3.44<br>0.00  | 46.84<br>3.06<br>0.00  |
| BRADY___115KV_TB2<br>356060   | 38.40<br>-0.23<br>0.00 | 29.20<br>-0.21<br>0.00  | 27.31<br>-0.22<br>0.00  | 27.84<br>-0.22<br>0.00  | 29.87<br>-0.18<br>0.00 | 32.37<br>-0.10<br>0.00 | 38.83<br>-0.27<br>0.00 | 38.45<br>-0.55<br>0.00 | 34.97<br>-0.64<br>0.00 | 32.56<br>-0.77<br>0.00 | 35.38<br>-0.87<br>0.00 | 37.69<br>-0.93<br>0.00 | 38.53<br>-0.99<br>0.00 | 40.99<br>-1.09<br>0.00  | 39.53<br>-1.06<br>0.00  | 44.01<br>-1.17<br>0.00 | 54.01<br>-1.56<br>0.00  | 69.50<br>-1.86<br>0.00  | 82.91<br>-1.87<br>0.00  | 85.92<br>-1.40<br>0.00 | 84.40<br>-1.03<br>0.00 | 59.54<br>-0.48<br>0.00 | 48.84<br>-0.29<br>0.00 | 43.56<br>-0.22<br>0.00 |
| BRANSCOMB___SOLAR<br>323811   | 40.45<br>1.82<br>0.00  | 35.43<br>1.59<br>-4.43  | 32.72<br>1.40<br>-3.78  | 32.09<br>1.46<br>-2.57  | 31.58<br>1.53<br>0.00  | 34.06<br>1.59<br>0.00  | 40.99<br>1.88<br>0.00  | 40.71<br>1.71<br>0.00  | 36.82<br>1.21<br>0.00  | 34.19<br>0.87<br>0.00  | 37.23<br>0.98<br>0.00  | 39.50<br>0.89<br>0.00  | 40.51<br>0.99<br>0.00  | 43.35<br>1.26<br>0.00   | 41.80<br>1.22<br>0.00   | 46.36<br>1.17<br>0.00  | 57.12<br>1.55<br>0.00   | 73.70<br>2.35<br>0.00   | 88.50<br>3.73<br>0.00   | 91.51<br>4.19<br>0.00  | 89.78<br>4.35<br>0.00  | 63.02<br>3.00<br>0.00  | 51.39<br>2.26<br>0.00  | 45.88<br>2.10<br>0.00  |
| BRDGHMPT_69_KV_BK1<br>55812   | 42.31<br>3.67<br>-0.01 | 35.94<br>2.74<br>-3.79  | 33.11<br>2.34<br>-3.24  | 32.59<br>2.33<br>-2.20  | 32.93<br>2.88<br>0.00  | 35.39<br>2.92<br>0.00  | 42.90<br>3.79<br>0.00  | 43.09<br>4.09<br>0.00  | 39.17<br>3.56<br>0.00  | 36.87<br>3.53<br>-0.01 | 40.03<br>3.77<br>-0.01 | 43.18<br>4.56<br>-0.01 | 46.60<br>4.58<br>-2.50 | 52.23<br>4.50<br>-5.64  | 52.52<br>4.10<br>-7.84  | 56.48<br>4.65<br>-6.64 | 71.05<br>6.00<br>-9.49  | 87.89<br>7.71<br>-8.83  | 95.99<br>10.43<br>-0.78 | 97.71<br>10.39<br>0.00 | 94.65<br>9.23<br>0.00  | 69.21<br>5.88<br>-3.31 | 53.41<br>4.27<br>0.00  | 47.77<br>3.98<br>-0.01 |



|                                    |                        |                         |                         |                         |                        |                        |                         |                         |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                          |                         |                         |                         |                         |                        |
|------------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| BRENTWOD_69_KV_W. BRTWOOD<br>56703 | 42.54<br>3.90<br>-0.01 | 36.08<br>2.88<br>-3.79  | 33.33<br>2.56<br>-3.24  | 32.76<br>2.50<br>-2.20  | 32.87<br>2.82<br>0.00  | 35.26<br>2.79<br>0.00  | 42.71<br>3.60<br>0.00   | 42.94<br>3.94<br>0.00   | 39.13<br>3.53<br>0.00  | 36.83<br>3.50<br>-0.01 | 39.99<br>3.73<br>-0.01 | 43.06<br>4.44<br>-0.01 | 46.64<br>4.62<br>-2.50 | 52.23<br>4.50<br>-5.64  | 52.52<br>4.10<br>-7.84  | 56.75<br>4.56<br>-7.00  | 71.89<br>5.61<br>-10.71 | 88.21<br>7.28<br>-9.58  | 96.06<br>9.92<br>-1.36   | 97.19<br>9.87<br>0.00   | 94.14<br>8.71<br>0.00   | 69.71<br>5.52<br>-4.17  | 53.51<br>4.37<br>0.00   | 48.16<br>4.38<br>-0.01 |
| BRISTLHL_115KV_TB1<br>79998        | 37.78<br>-0.85<br>0.00 | 29.13<br>-0.62<br>-0.34 | 27.21<br>-0.61<br>-0.29 | 27.61<br>-0.65<br>-0.19 | 29.33<br>-0.72<br>0.00 | 31.72<br>-0.75<br>0.00 | 38.29<br>-0.82<br>0.00  | 38.18<br>-0.82<br>0.00  | 34.86<br>-0.75<br>0.00 | 32.63<br>-0.70<br>0.00 | 35.45<br>-0.80<br>0.00 | 37.76<br>-0.85<br>0.00 | 38.53<br>-0.99<br>0.00 | 41.73<br>-1.05<br>-0.70 | 39.57<br>-1.01<br>0.00  | 44.53<br>-1.04<br>-0.38 | 55.80<br>-1.06<br>-1.29 | 73.06<br>-1.21<br>-2.92 | 89.10<br>-0.85<br>-5.17  | 91.38<br>-0.70<br>-4.75 | 93.90<br>-0.77<br>-9.24 | 61.23<br>-0.96<br>-2.17 | 49.33<br>-0.98<br>-1.18 | 42.99<br>-0.79<br>0.00 |
| BROOKHAVEN___DRP<br>24191          | 42.24<br>3.59<br>-0.01 | 35.97<br>2.76<br>-3.79  | 33.19<br>2.42<br>-3.24  | 32.62<br>2.36<br>-2.20  | 32.78<br>2.73<br>0.00  | 35.16<br>2.69<br>0.00  | 42.63<br>3.52<br>0.00   | 42.82<br>3.82<br>0.00   | 38.85<br>3.24<br>0.00  | 36.57<br>3.23<br>-0.01 | 39.66<br>3.41<br>-0.01 | 42.75<br>4.13<br>-0.01 | 46.21<br>4.19<br>-2.50 | 51.81<br>4.08<br>-5.64  | 52.16<br>3.73<br>-7.84  | 55.98<br>4.16<br>-6.63  | 70.30<br>5.28<br>-9.45  | 86.94<br>6.78<br>-8.81  | 94.95<br>9.41<br>-0.76   | 96.66<br>9.34<br>0.00   | 93.63<br>8.20<br>0.00   | 68.59<br>5.28<br>-3.28  | 53.16<br>4.03<br>0.00   | 47.77<br>3.98<br>-0.01 |
| BROOKLYN_NAVY_YARD<br>23515        | 41.68<br>3.05<br>0.00  | 35.41<br>2.21<br>-3.79  | 32.92<br>2.15<br>-3.24  | 32.33<br>2.08<br>-2.20  | 32.15<br>2.10<br>0.00  | 34.64<br>2.18<br>0.00  | 41.69<br>2.58<br>0.00   | 42.04<br>3.00<br>-0.04  | 38.67<br>3.06<br>0.00  | 36.64<br>3.30<br>-0.01 | 39.82<br>3.55<br>-0.01 | 42.52<br>3.90<br>-0.01 | 46.75<br>4.62<br>-2.61 | 53.35<br>5.01<br>-6.26  | 63.00<br>4.54<br>-17.87 | 63.38<br>4.97<br>-13.23 | 90.51<br>6.17<br>-28.77 | 94.36<br>7.99<br>-15.02 | 100.02<br>9.66<br>-5.58  | 97.02<br>9.69<br>-0.01  | 94.07<br>8.62<br>-0.01  | 65.18<br>5.16<br>0.00   | 53.41<br>4.27<br>-0.01  | 47.41<br>3.63<br>0.00  |
| BROOKLYN___ARMY_DRP<br>323595      | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.13<br>3.01<br>-0.01  | 42.36<br>3.35<br>-0.01  | 38.93<br>3.31<br>-0.01 | 36.94<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.92<br>4.78<br>-2.61 | 53.36<br>4.97<br>-6.31  | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01  | 65.48<br>5.46<br>0.00   | 53.76<br>4.62<br>-0.01  | 47.85<br>4.07<br>-0.01 |
| BROOME_2_LFGE<br>323671            | 38.63<br>0.00<br>0.00  | 30.60<br>-0.15<br>-1.34 | 28.48<br>-0.19<br>-1.14 | 28.58<br>-0.25<br>-0.78 | 29.78<br>-0.27<br>0.00 | 32.26<br>-0.19<br>0.01 | 38.79<br>-0.31<br>0.00  | 39.28<br>-0.04<br>-0.33 | 35.89<br>0.28<br>0.00  | 33.66<br>0.33<br>0.00  | 36.58<br>0.33<br>0.00  | 39.04<br>0.43<br>0.00  | 40.04<br>0.51<br>0.00  | 42.78<br>0.55<br>-0.15  | 41.11<br>0.53<br>0.00   | 45.78<br>0.72<br>0.12   | 56.54<br>1.28<br>0.30   | 72.17<br>1.64<br>0.83   | 89.21<br>2.88<br>-1.55   | 91.18<br>2.88<br>-0.99  | 89.65<br>2.31<br>-1.92  | 60.50<br>1.14<br>0.65   | 49.55<br>0.78<br>0.37   | 44.21<br>0.44<br>0.00  |
| BROOME___LFGE<br>323600            | 38.63<br>0.00<br>0.00  | 30.60<br>-0.15<br>-1.34 | 28.48<br>-0.19<br>-1.14 | 28.58<br>-0.25<br>-0.78 | 29.78<br>-0.27<br>0.00 | 32.26<br>-0.19<br>0.01 | 38.79<br>-0.31<br>0.00  | 39.28<br>-0.04<br>-0.33 | 35.89<br>0.28<br>0.00  | 33.66<br>0.33<br>0.00  | 36.58<br>0.33<br>0.00  | 39.04<br>0.43<br>0.00  | 40.04<br>0.51<br>0.00  | 42.78<br>0.55<br>-0.15  | 41.11<br>0.53<br>0.00   | 45.78<br>0.72<br>0.12   | 56.54<br>1.28<br>0.30   | 72.17<br>1.64<br>0.83   | 89.21<br>2.88<br>-1.55   | 91.18<br>2.88<br>-0.99  | 89.65<br>2.31<br>-1.92  | 60.50<br>1.14<br>0.65   | 49.55<br>0.78<br>0.37   | 44.21<br>0.44<br>0.00  |
| BROWNFLS_115KV_TB_3_5<br>80003     | 37.86<br>-0.77<br>0.00 | 28.91<br>-0.62<br>-0.12 | 27.03<br>-0.61<br>-0.10 | 27.37<br>-0.76<br>-0.07 | 29.15<br>-0.90<br>0.00 | 31.62<br>-0.84<br>0.00 | 37.74<br>-1.37<br>0.00  | 37.20<br>-1.79<br>0.00  | 33.69<br>-1.92<br>0.00 | 31.26<br>-2.07<br>0.00 | 33.89<br>-2.36<br>0.00 | 36.10<br>-2.51<br>0.00 | 36.91<br>-2.61<br>0.00 | 39.41<br>-2.78<br>-0.10 | 37.99<br>-2.60<br>0.00  | 42.38<br>-2.80<br>0.00  | 52.51<br>-3.06<br>0.00  | 67.64<br>-3.71<br>0.00  | 83.81<br>-1.70<br>-0.73  | 87.12<br>-0.87<br>-0.67 | 86.13<br>-0.60<br>-1.30 | 59.24<br>-0.78<br>0.00  | 48.30<br>-0.84<br>0.00  | 43.12<br>-0.66<br>0.00 |
| BROWNSV1_27_KV_LOAD<br>356125      | 42.15<br>3.52<br>0.00  | 35.82<br>2.62<br>-3.79  | 33.19<br>2.42<br>-3.24  | 32.59<br>2.33<br>-2.20  | 32.42<br>2.37<br>0.00  | 34.93<br>2.47<br>0.00  | 42.16<br>3.05<br>0.00   | 42.43<br>3.43<br>0.00   | 38.99<br>3.38<br>0.00  | 36.97<br>3.63<br>-0.01 | 40.17<br>3.91<br>-0.01 | 42.95<br>4.32<br>-0.01 | 47.11<br>4.98<br>-2.61 | 53.74<br>5.39<br>-6.26  | 63.53<br>5.07<br>-17.87 | 64.03<br>5.56<br>-13.28 | 91.46<br>6.95<br>-28.95 | 95.65<br>8.99<br>-15.30 | 101.52<br>10.94<br>-5.81 | 98.25<br>10.91<br>-0.01 | 95.10<br>9.65<br>-0.01  | 65.90<br>5.88<br>0.00   | 53.90<br>4.77<br>0.00   | 47.85<br>4.07<br>0.00  |
| BURROWS___LYONSDAL<br>23803        | 38.98<br>0.35<br>0.00  | 29.82<br>0.24<br>-0.17  | 27.87<br>0.19<br>-0.15  | 28.13<br>-0.03<br>-0.10 | 29.81<br>-0.24<br>0.00 | 32.34<br>-0.13<br>0.00 | 38.80<br>-0.31<br>0.00  | 38.49<br>-0.51<br>0.00  | 34.90<br>-0.71<br>0.00 | 32.39<br>-0.93<br>0.00 | 35.16<br>-1.09<br>0.00 | 37.45<br>-1.16<br>0.00 | 38.38<br>-1.15<br>0.00 | 40.96<br>-1.22<br>-0.09 | 39.65<br>-0.93<br>0.00  | 44.28<br>-0.90<br>0.00  | 54.95<br>-0.61<br>0.00  | 70.71<br>-0.64<br>0.00  | 88.36<br>2.88<br>-0.70   | 91.81<br>3.84<br>-0.64  | 90.52<br>3.84<br>-1.25  | 62.06<br>2.04<br>0.00   | 50.41<br>1.28<br>0.00   | 44.82<br>1.05<br>0.00  |
| CAITHNESS_CC_1<br>323624           | 42.27<br>3.63<br>-0.01 | 35.90<br>2.70<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.64<br>2.38<br>-2.20  | 32.78<br>2.73<br>0.00  | 35.16<br>2.69<br>0.00  | 42.32<br>3.21<br>0.00   | 42.78<br>3.74<br>-0.04  | 38.85<br>3.24<br>0.00  | 36.63<br>3.30<br>-0.01 | 39.74<br>3.48<br>-0.01 | 42.79<br>4.17<br>-0.01 | 46.25<br>4.23<br>-2.50 | 51.85<br>4.13<br>-5.64  | 52.20<br>3.77<br>-7.84  | 56.01<br>4.20<br>-6.63  | 70.27<br>5.28<br>-9.43  | 86.93<br>6.78<br>-8.80  | 94.86<br>9.33<br>-0.75   | 96.66<br>9.35<br>0.00   | 93.37<br>7.95<br>0.00   | 68.50<br>5.22<br>-3.26  | 53.21<br>4.08<br>0.00   | 47.77<br>3.98<br>-0.01 |
| CALPINE BETH_PAGE_GT4<br>24209     | 42.35<br>3.71<br>-0.01 | 35.94<br>2.74<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.64<br>2.39<br>-2.20  | 32.69<br>2.64<br>0.00  | 35.10<br>2.63<br>0.00  | 42.47<br>3.36<br>0.00   | 42.70<br>3.70<br>0.00   | 39.03<br>3.42<br>0.00  | 36.73<br>3.40<br>-0.01 | 39.92<br>3.66<br>-0.01 | 42.95<br>4.32<br>-0.01 | 46.60<br>4.58<br>-2.50 | 52.31<br>4.59<br>-5.64  | 52.64<br>4.22<br>-7.84  | 60.42<br>4.65<br>-10.58 | 84.22<br>5.72<br>-22.93 | 95.89<br>7.49<br>-17.05 | 101.89<br>9.92<br>-7.19  | 97.21<br>9.87<br>-0.02  | 94.16<br>8.71<br>-0.02  | 78.36<br>5.46<br>-12.88 | 53.51<br>4.37<br>0.00   | 47.99<br>4.20<br>-0.01 |
| CALPINE_BETH_PAGE_GT_4<br>323586   | 42.32<br>3.67<br>-0.01 | 35.88<br>2.68<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.64<br>2.38<br>-2.20  | 32.69<br>2.64<br>0.00  | 35.10<br>2.63<br>0.00  | 42.28<br>3.17<br>0.00   | 42.67<br>3.63<br>-0.04  | 38.99<br>3.38<br>0.00  | 36.77<br>3.43<br>-0.01 | 39.92<br>3.66<br>-0.01 | 42.95<br>4.32<br>-0.01 | 46.64<br>4.62<br>-2.50 | 52.31<br>4.59<br>-5.64  | 52.68<br>4.26<br>-7.84  | 60.24<br>4.47<br>-10.58 | 84.22<br>5.72<br>-22.93 | 95.89<br>7.49<br>-17.05 | 101.88<br>9.91<br>-7.19  | 97.20<br>9.86<br>-0.02  | 93.91<br>8.46<br>-0.02  | 78.36<br>5.46<br>-12.88 | 53.51<br>4.37<br>-0.01  | 47.99<br>4.20<br>-0.01 |
| CALPINE_BP_GT1<br>23823            | 42.32<br>3.67<br>-0.01 | 35.88<br>2.68<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.64<br>2.38<br>-2.20  | 32.69<br>2.64<br>0.00  | 35.10<br>2.63<br>0.00  | 42.28<br>3.17<br>0.00   | 42.67<br>3.63<br>-0.04  | 38.99<br>3.38<br>0.00  | 36.77<br>3.43<br>-0.01 | 39.92<br>3.66<br>-0.01 | 42.95<br>4.32<br>-0.01 | 46.64<br>4.62<br>-2.50 | 52.31<br>4.59<br>-5.64  | 52.68<br>4.26<br>-7.84  | 60.24<br>4.47<br>-10.58 | 84.22<br>5.72<br>-22.93 | 95.89<br>7.49<br>-17.05 | 101.88<br>9.91<br>-7.19  | 97.20<br>9.86<br>-0.02  | 93.91<br>8.46<br>-0.02  | 78.36<br>5.46<br>-12.88 | 53.51<br>4.37<br>-0.01  | 47.99<br>4.20<br>-0.01 |
| CALSPAN___DRP<br>24200             | 35.31<br>-3.32<br>0.00 | 26.80<br>-3.29<br>-0.69 | 25.12<br>-3.00<br>-0.59 | 25.15<br>-3.31<br>-0.40 | 26.47<br>-3.58<br>0.00 | 28.65<br>-3.67<br>0.15 | 24.05<br>-4.34<br>10.71 | 22.76<br>-3.74<br>12.50 | 23.93<br>-2.60<br>9.08 | 25.34<br>-2.27<br>5.72 | 26.76<br>-2.46<br>7.02 | 29.76<br>-2.51<br>6.34 | 28.86<br>-2.61<br>8.05 | 26.89<br>-2.95<br>12.25 | 29.39<br>-2.96<br>8.23  | 31.39<br>-3.07<br>10.72 | 40.03<br>-3.00<br>12.54 | 53.06<br>-4.35<br>13.94 | 65.00<br>-3.65<br>16.13  | 83.39<br>-3.93<br>0.00  | 79.93<br>-5.47<br>0.03  | 49.11<br>-4.38<br>6.53  | 40.09<br>-3.29<br>5.75  | 40.48<br>-3.28<br>0.01 |

|                               |                        |                         |                         |                         |                        |                        |                          |                         |                         |                        |                        |                         |                        |                          |                         |                         |                         |                         |                          |                         |                         |                         |                         |                        |
|-------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| CALVERTON___SOLAR<br>323806   | 42.19<br>3.55<br>-0.01 | 35.90<br>2.70<br>-3.79  | 33.19<br>2.42<br>-3.24  | 32.62<br>2.36<br>-2.20  | 32.81<br>2.76<br>0.00  | 35.19<br>2.73<br>0.00  | 42.32<br>3.21<br>0.00    | 42.78<br>3.74<br>-0.04  | 38.81<br>3.21<br>0.00   | 36.56<br>3.23<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.71<br>4.09<br>-0.01  | 46.17<br>4.15<br>-2.50 | 51.77<br>4.04<br>-5.64   | 52.11<br>3.69<br>-7.84  | 55.98<br>4.15<br>-6.64  | 70.31<br>5.28<br>-9.46  | 87.02<br>6.85<br>-8.82  | 95.04<br>9.49<br>-0.77   | 96.75<br>9.43<br>0.00   | 93.45<br>8.03<br>0.00   | 68.59<br>5.28<br>-3.29  | 53.21<br>4.08<br>0.00   | 47.72<br>3.94<br>-0.01 |
| CANDIGU_WT_PWR<br>323617      | 37.01<br>-1.62<br>0.00 | 28.58<br>-1.74<br>-0.90 | 26.62<br>-1.68<br>-0.77 | 26.73<br>-1.85<br>-0.52 | 28.10<br>-1.95<br>0.00 | 30.21<br>-1.88<br>0.38 | -16.22<br>-2.27<br>53.06 | 0.00<br>-2.11<br>36.89  | -3.66<br>-1.32<br>37.95 | 8.19<br>-1.27<br>23.87 | 5.48<br>-1.41<br>29.35 | 10.65<br>-1.47<br>26.50 | 4.41<br>-1.46<br>33.65 | -10.63<br>-1.56<br>51.15 | 4.39<br>-1.78<br>34.41  | 0.00<br>-1.76<br>43.42  | 0.00<br>-1.56<br>54.01  | 17.19<br>-1.86<br>52.30 | 6.00<br>-0.51<br>78.27   | 87.69<br>-0.26<br>-0.63 | 85.40<br>-1.11<br>-1.08 | 38.15<br>-1.56<br>20.31 | 25.87<br>-1.52<br>21.74 | 42.01<br>-1.71<br>0.05 |
| CARR STREET_E_SYR<br>24060    | 38.21<br>-0.42<br>0.00 | 29.47<br>-0.32<br>-0.38 | 27.53<br>-0.33<br>-0.33 | 27.92<br>-0.37<br>-0.22 | 29.63<br>-0.42<br>0.00 | 32.01<br>-0.45<br>0.00 | 38.64<br>-0.47<br>0.00   | 38.57<br>-0.39<br>0.04  | 35.29<br>-0.32<br>0.00  | 33.03<br>-0.30<br>0.00 | 35.92<br>-0.33<br>0.00 | 38.30<br>-0.31<br>0.00  | 39.09<br>-0.43<br>0.00 | 41.82<br>-0.46<br>-0.20  | 40.18<br>-0.41<br>0.00  | 44.61<br>-0.36<br>0.21  | 54.68<br>-0.17<br>0.72  | 69.52<br>-0.21<br>1.62  | 86.70<br>0.43<br>-1.50   | 89.31<br>0.62<br>-1.38  | 88.44<br>0.34<br>-2.67  | 58.64<br>-0.18<br>1.20  | 48.14<br>-0.34<br>0.65  | 43.51<br>-0.26<br>0.00 |
| CARTHAGE___PAPER<br>23857     | 38.44<br>-0.19<br>0.00 | 29.42<br>-0.20<br>-0.21 | 27.49<br>-0.22<br>-0.18 | 27.73<br>-0.45<br>-0.12 | 29.36<br>-0.69<br>0.00 | 31.91<br>-0.55<br>0.00 | 38.29<br>-0.82<br>0.00   | 37.83<br>-1.17<br>0.00  | 34.15<br>-1.46<br>0.00  | 31.56<br>-1.77<br>0.00 | 34.15<br>-2.10<br>0.00 | 36.33<br>-2.28<br>0.00  | 37.19<br>-2.33<br>0.00 | 39.79<br>-2.48<br>-0.19  | 38.31<br>-2.27<br>0.00  | 42.83<br>-2.35<br>0.00  | 53.51<br>-2.05<br>0.00  | 69.14<br>-2.21<br>0.00  | 87.86<br>1.69<br>-1.39   | 91.74<br>3.14<br>-1.28  | 91.16<br>3.25<br>-2.49  | 61.52<br>1.50<br>0.00   | 49.87<br>0.74<br>0.00   | 44.34<br>0.57<br>0.00  |
| CASSADAGA_WT_PWR<br>323784    | 35.08<br>-3.55<br>0.00 | 26.60<br>-3.53<br>-0.72 | 24.85<br>-3.30<br>-0.62 | 24.86<br>-3.62<br>-0.42 | 26.17<br>-3.88<br>0.00 | 28.57<br>-3.77<br>0.13 | 26.76<br>-4.69<br>7.65   | 26.46<br>-3.90<br>8.64  | 25.09<br>-2.21<br>8.31  | 26.03<br>-2.07<br>5.23 | 27.54<br>-2.28<br>6.43 | 30.45<br>-2.36<br>5.81  | 29.74<br>-2.41<br>7.37 | 28.05<br>-2.82<br>11.22  | 30.17<br>-2.88<br>7.53  | 32.42<br>-2.94<br>9.83  | 41.25<br>-2.78<br>11.54 | 54.49<br>-3.99<br>12.87 | 66.80<br>-3.14<br>14.85  | 84.35<br>-2.97<br>0.00  | 80.70<br>-4.70<br>0.03  | 50.13<br>-3.84<br>6.05  | 40.66<br>-3.15<br>5.32  | 40.22<br>-3.54<br>0.01 |
| CE_DUNWOOD___DRP<br>24194     | 41.49<br>2.86<br>0.00  | 35.34<br>2.15<br>-3.79  | 32.78<br>2.01<br>-3.23  | 32.19<br>1.94<br>-2.20  | 32.03<br>1.98<br>0.00  | 34.51<br>2.05<br>0.00  | 41.61<br>2.50<br>0.00    | 41.77<br>2.77<br>0.00   | 38.35<br>2.74<br>0.00   | 36.26<br>2.93<br>0.00  | 39.44<br>3.19<br>0.00  | 42.16<br>3.55<br>0.00   | 46.23<br>4.11<br>-2.59 | 52.41<br>4.46<br>-5.87   | 52.97<br>4.22<br>-8.16  | 55.43<br>4.61<br>-5.64  | 66.80<br>5.72<br>-5.51  | 85.36<br>7.42<br>-6.59  | 92.62<br>9.07<br>1.23    | 96.31<br>8.99<br>0.00   | 93.37<br>7.94<br>0.00   | 64.70<br>4.68<br>0.00   | 52.92<br>3.78<br>0.00   | 47.06<br>3.28<br>0.00  |
| CE_MILLWOOD___DRP<br>24193    | 41.41<br>2.78<br>0.00  | 35.28<br>2.09<br>-3.78  | 32.72<br>1.95<br>-3.23  | 32.13<br>1.88<br>-2.19  | 31.97<br>1.92<br>0.00  | 34.45<br>1.98<br>0.00  | 41.53<br>2.42<br>0.00    | 41.69<br>2.69<br>0.00   | 38.24<br>2.64<br>0.00   | 36.19<br>2.87<br>0.00  | 39.33<br>3.08<br>0.00  | 42.05<br>3.44<br>0.00   | 46.27<br>3.99<br>-2.76 | 52.65<br>4.33<br>-6.23   | 53.35<br>4.10<br>-8.67  | 55.85<br>4.47<br>-6.19  | 67.65<br>5.56<br>-6.53  | 85.96<br>7.21<br>-7.40  | 92.60<br>8.82<br>0.99    | 96.14<br>8.82<br>0.00   | 93.12<br>7.69<br>0.00   | 64.52<br>4.50<br>0.00   | 52.77<br>3.64<br>0.00   | 46.97<br>3.20<br>0.00  |
| CE_NYC2_DRP<br>24202          | 41.92<br>3.28<br>0.00  | 35.67<br>2.47<br>-3.79  | 33.12<br>2.34<br>-3.25  | 32.54<br>2.27<br>-2.21  | 32.37<br>2.31<br>-0.01 | 34.84<br>2.37<br>0.00  | 41.92<br>2.82<br>0.00    | 42.12<br>3.12<br>0.00   | 38.71<br>3.10<br>0.00   | 36.73<br>3.40<br>-0.01 | 39.88<br>3.62<br>-0.01 | 42.64<br>4.02<br>-0.01  | 46.76<br>4.62<br>-2.61 | 53.32<br>4.92<br>-6.31   | 62.99<br>4.55<br>-17.86 | 63.43<br>4.97<br>-13.27 | 90.67<br>6.17<br>-28.94 | 94.36<br>7.99<br>-15.01 | 100.11<br>9.75<br>-5.58  | 96.93<br>9.61<br>0.00   | 93.81<br>8.37<br>0.00   | 65.06<br>5.04<br>0.00   | 53.41<br>4.27<br>0.00   | 47.58<br>3.81<br>0.00  |
| CE_NYC_DRP<br>24195           | 41.92<br>3.28<br>0.00  | 35.61<br>2.41<br>-3.79  | 33.06<br>2.29<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.27<br>2.22<br>0.00  | 34.77<br>2.31<br>0.00  | 41.92<br>2.82<br>0.00    | 42.16<br>3.16<br>0.00   | 38.74<br>3.13<br>0.00   | 36.70<br>3.37<br>-0.01 | 39.92<br>3.66<br>-0.01 | 42.68<br>4.05<br>-0.01  | 46.79<br>4.66<br>-2.60 | 53.39<br>5.05<br>-6.26   | 63.24<br>4.79<br>-17.87 | 63.71<br>5.24<br>-13.28 | 91.02<br>6.50<br>-28.95 | 95.06<br>8.35<br>-15.36 | 100.80<br>10.17<br>-5.85 | 97.46<br>10.13<br>-0.01 | 94.41<br>8.97<br>-0.01  | 65.42<br>5.40<br>0.00   | 53.51<br>4.37<br>0.00   | 47.58<br>3.81<br>0.00  |
| CHAFFEE___LFGE<br>323603      | 35.39<br>-3.25<br>0.00 | 26.89<br>-3.24<br>-0.71 | 25.11<br>-3.03<br>-0.61 | 25.16<br>-3.31<br>-0.41 | 26.47<br>-3.58<br>0.00 | 28.76<br>-3.57<br>0.14 | 25.77<br>-4.46<br>8.88   | 25.16<br>-3.86<br>9.97  | 24.83<br>-2.31<br>8.46  | 25.90<br>-2.10<br>5.33 | 27.49<br>-2.21<br>6.55 | 30.46<br>-2.24<br>5.91  | 29.68<br>-2.33<br>7.51 | 28.01<br>-2.65<br>11.42  | 30.19<br>-2.72<br>7.67  | 32.42<br>-2.76<br>10.01 | 41.28<br>-2.67<br>11.62 | 54.41<br>-3.92<br>13.02 | 66.40<br>-3.22<br>15.16  | 83.57<br>-3.75<br>0.00  | 80.10<br>-5.30<br>0.03  | 49.85<br>-4.02<br>6.15  | 40.69<br>-3.09<br>5.35  | 40.48<br>-3.28<br>0.01 |
| CHATEAUG_35_KV_LOAD<br>355732 | 38.13<br>-0.50<br>0.00 | 29.00<br>-0.41<br>0.00  | 27.09<br>-0.44<br>0.00  | 27.61<br>-0.45<br>0.00  | 29.66<br>-0.39<br>0.00 | 32.08<br>-0.39<br>0.00 | 38.64<br>-0.47<br>0.00   | 38.41<br>-0.58<br>0.00  | 35.04<br>-0.57<br>0.00  | 32.76<br>-0.57<br>0.00 | 35.63<br>-0.62<br>0.00 | 37.92<br>-0.70<br>0.00  | 38.77<br>-0.75<br>0.00 | 41.24<br>-0.84<br>0.00   | 39.73<br>-0.85<br>0.00  | 44.24<br>-0.95<br>0.00  | 54.12<br>-1.44<br>0.00  | 69.28<br>-2.07<br>0.00  | 81.90<br>-2.88<br>0.00   | 84.35<br>-2.97<br>0.00  | 82.70<br>-2.73<br>0.00  | 58.34<br>-1.68<br>0.00  | 48.00<br>-1.13<br>0.00  | 42.72<br>-1.05<br>0.00 |
| CHATEAUG_WT_PWR<br>323614     | 38.21<br>-0.42<br>0.00 | 29.06<br>-0.35<br>0.00  | 27.15<br>-0.39<br>0.00  | 27.67<br>-0.39<br>0.00  | 29.69<br>-0.36<br>0.00 | 32.11<br>-0.36<br>0.00 | 38.68<br>-0.43<br>0.00   | 38.49<br>-0.51<br>0.00  | 35.14<br>-0.46<br>0.00  | 32.89<br>-0.43<br>0.00 | 35.78<br>-0.47<br>0.00 | 38.15<br>-0.46<br>0.00  | 38.97<br>-0.55<br>0.00 | 41.45<br>-0.63<br>0.00   | 39.93<br>-0.65<br>0.00  | 44.46<br>-0.72<br>0.00  | 54.34<br>-1.22<br>0.00  | 69.50<br>-1.86<br>0.00  | 82.06<br>-2.72<br>0.00   | 84.35<br>-2.97<br>0.00  | 82.61<br>-2.82<br>0.00  | 58.34<br>-1.68<br>0.00  | 48.01<br>-1.13<br>0.00  | 42.77<br>-1.01<br>0.00 |
| CHAT_HIGH_FALL_HYD<br>323578  | 38.13<br>-0.50<br>0.00 | 29.00<br>-0.41<br>0.00  | 27.09<br>-0.44<br>0.00  | 27.61<br>-0.45<br>0.00  | 29.66<br>-0.39<br>0.00 | 32.08<br>-0.39<br>0.00 | 38.64<br>-0.47<br>0.00   | 38.41<br>-0.58<br>0.00  | 35.04<br>-0.57<br>0.00  | 32.76<br>-0.57<br>0.00 | 35.63<br>-0.62<br>0.00 | 37.92<br>-0.70<br>0.00  | 38.77<br>-0.75<br>0.00 | 41.24<br>-0.84<br>0.00   | 39.73<br>-0.85<br>0.00  | 44.24<br>-0.95<br>0.00  | 54.12<br>-1.44<br>0.00  | 69.28<br>-2.07<br>0.00  | 81.90<br>-2.88<br>0.00   | 84.35<br>-2.97<br>0.00  | 82.70<br>-2.73<br>0.00  | 58.34<br>-1.68<br>0.00  | 48.00<br>-1.13<br>0.00  | 42.72<br>-1.05<br>0.00 |
| CHAUTAUQUA___LFGE<br>323629   | 35.47<br>-3.17<br>0.00 | 26.92<br>-3.20<br>-0.71 | 25.17<br>-2.97<br>-0.61 | 25.22<br>-3.25<br>-0.41 | 26.53<br>-3.52<br>0.00 | 28.79<br>-3.54<br>0.14 | 25.38<br>-4.30<br>9.43   | 24.71<br>-3.71<br>10.58 | 24.50<br>-2.35<br>8.76  | 25.68<br>-2.13<br>5.52 | 27.15<br>-2.32<br>6.78 | 30.14<br>-2.36<br>6.12  | 29.34<br>-2.41<br>7.77 | 27.48<br>-2.78<br>11.82  | 29.84<br>-2.80<br>7.94  | 31.99<br>-2.85<br>10.35 | 40.71<br>-2.67<br>12.19 | 54.05<br>-3.78<br>13.52 | 66.26<br>-2.97<br>15.54  | 84.52<br>-2.80<br>0.00  | 80.95<br>-4.45<br>0.03  | 50.04<br>-3.66<br>6.32  | 40.52<br>-3.00<br>5.61  | 40.70<br>-3.07<br>0.01 |
| CHERRYST_13_KV_LD<br>356241   | 42.03<br>3.40<br>0.00  | 35.70<br>2.50<br>-3.79  | 33.14<br>2.37<br>-3.24  | 32.53<br>2.27<br>-2.20  | 32.36<br>2.31<br>0.00  | 34.87<br>2.40<br>0.00  | 42.04<br>2.93<br>0.00    | 42.27<br>3.28<br>0.00   | 38.88<br>3.28<br>0.00   | 36.87<br>3.53<br>-0.01 | 40.06<br>3.81<br>-0.01 | 42.83<br>4.21<br>-0.01  | 46.99<br>4.86<br>-2.60 | 53.60<br>5.26<br>-6.26   | 63.41<br>4.95<br>-17.87 | 63.89<br>5.42<br>-13.28 | 91.24<br>6.72<br>-28.95 | 95.41<br>8.71<br>-15.36 | 101.14<br>10.51<br>-5.85 | 97.81<br>10.48<br>-0.01 | 94.67<br>9.23<br>-0.01  | 65.60<br>5.58<br>0.00   | 53.70<br>4.57<br>0.00   | 47.71<br>3.94<br>0.00  |

|                                |                        |                         |                         |                         |                        |                        |                        |                         |                        |                        |                        |                        |                         |                         |                          |                          |                          |                          |                         |                        |                        |                        |                        |                        |
|--------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CHESTROR_138KV_BK263<br>355645 | 41.03<br>2.40<br>0.00  | 34.82<br>1.76<br>-3.64  | 32.32<br>1.68<br>-3.11  | 31.77<br>1.60<br>-2.11  | 31.67<br>1.62<br>0.00  | 34.12<br>1.66<br>0.00  | 41.14<br>2.03<br>0.00  | 41.26<br>2.26<br>0.00   | 37.78<br>2.17<br>0.00  | 35.66<br>2.33<br>0.00  | 38.79<br>2.54<br>0.00  | 41.43<br>2.82<br>0.00  | 65.87<br>3.32<br>-23.03 | 97.81<br>3.62<br>-52.10 | 116.41<br>3.41<br>-72.42 | 105.48<br>3.71<br>-56.59 | 131.54<br>4.67<br>-71.31 | 149.25<br>6.14<br>-71.76 | 91.89<br>7.63<br>0.51   | 95.00<br>7.68<br>0.00  | 92.09<br>6.66<br>0.00  | 63.86<br>3.84<br>0.00  | 52.18<br>3.05<br>0.00  | 46.44<br>2.67<br>0.00  |
| CH_MIDHUDSON___DRP<br>24192    | 41.18<br>2.55<br>0.00  | 35.19<br>1.94<br>-3.84  | 32.66<br>1.84<br>-3.28  | 32.06<br>1.77<br>-2.23  | 31.82<br>1.77<br>0.00  | 34.32<br>1.85<br>0.00  | 41.34<br>2.23<br>0.00  | 41.46<br>2.46<br>0.00   | 38.03<br>2.42<br>0.00  | 35.86<br>2.53<br>0.00  | 38.97<br>2.72<br>0.00  | 41.62<br>3.01<br>0.00  | 43.73<br>3.56<br>-0.65  | 47.44<br>3.87<br>-1.48  | 46.33<br>3.69<br>-2.06   | 50.96<br>4.07<br>-1.70   | 62.98<br>5.06<br>-2.36   | 80.37<br>6.78<br>-2.24   | 93.31<br>8.39<br>-0.14  | 95.70<br>8.38<br>0.00  | 92.86<br>7.43<br>0.00  | 64.40<br>4.38<br>0.00  | 52.62<br>3.49<br>0.00  | 46.75<br>2.98<br>0.00  |
| CH_MISC_IPPS<br>23765          | 41.38<br>2.74<br>0.00  | 35.27<br>2.06<br>-3.80  | 32.76<br>1.98<br>-3.24  | 32.14<br>1.88<br>-2.20  | 31.94<br>1.89<br>0.00  | 34.45<br>1.98<br>0.00  | 41.42<br>2.31<br>0.00  | 41.61<br>2.57<br>-0.04  | 38.28<br>2.67<br>0.00  | 36.13<br>2.80<br>0.00  | 39.26<br>3.01<br>0.00  | 41.93<br>3.32<br>0.00  | 43.44<br>3.91<br>0.00   | 46.38<br>4.29<br>0.00   | 44.73<br>4.14<br>0.00    | 49.95<br>4.66<br>-0.11   | 61.89<br>5.95<br>-0.38   | 79.64<br>8.06<br>-0.22   | 94.95<br>10.00<br>-0.18 | 97.36<br>10.04<br>0.00 | 94.23<br>8.80<br>0.00  | 65.24<br>5.22<br>0.00  | 53.21<br>4.08<br>0.00  | 47.23<br>3.46<br>0.00  |
| CH_RES_BVR_FALLS<br>23983      | 38.44<br>-0.19<br>0.00 | 29.26<br>-0.15<br>0.00  | 27.37<br>-0.16<br>0.00  | 27.89<br>-0.17<br>0.00  | 29.87<br>-0.18<br>0.00 | 32.27<br>-0.19<br>0.00 | 38.88<br>-0.23<br>0.00 | 38.73<br>-0.27<br>0.00  | 35.36<br>-0.25<br>0.00 | 33.09<br>-0.23<br>0.00 | 36.00<br>-0.25<br>0.00 | 38.34<br>-0.27<br>0.00 | 39.25<br>-0.27<br>0.00  | 41.79<br>-0.29<br>0.00  | 40.26<br>-0.33<br>0.00   | 44.82<br>-0.36<br>0.00   | 55.06<br>-0.50<br>0.00   | 70.64<br>-0.71<br>0.00   | 83.85<br>-0.93<br>0.00  | 86.36<br>-0.96<br>0.00 | 84.57<br>-0.85<br>0.00 | 59.48<br>-0.54<br>0.00 | 48.74<br>-0.39<br>0.00 | 43.42<br>-0.35<br>0.00 |
| CH_RES_NIAGARA<br>23895        | 34.79<br>-3.82<br>0.02 | 26.49<br>-3.53<br>-0.61 | 24.85<br>-3.19<br>-0.52 | 24.90<br>-3.51<br>-0.34 | 26.12<br>-3.91<br>0.02 | 28.06<br>-4.25<br>0.16 | 26.18<br>-4.58<br>8.35 | 25.01<br>-4.25<br>9.74  | 25.01<br>-3.60<br>7.00 | 25.72<br>-3.20<br>4.41 | 27.32<br>-3.52<br>5.42 | 30.05<br>-3.67<br>4.89 | 29.44<br>-3.87<br>6.21  | 28.43<br>-4.21<br>9.45  | 30.06<br>-4.18<br>6.35   | 32.24<br>-4.56<br>8.39   | 38.04<br>-5.11<br>12.42  | 50.98<br>-6.85<br>13.52  | 59.75<br>-6.70<br>18.33 | 80.66<br>-6.64<br>0.02 | 77.35<br>-8.03<br>0.05 | 47.30<br>-6.54<br>6.18 | 38.82<br>-4.86<br>5.45 | 39.85<br>-3.90<br>0.03 |
| CH_RES_SYRACUSE<br>23985       | 38.48<br>-0.15<br>0.00 | 29.72<br>-0.12<br>-0.43 | 27.73<br>-0.16<br>-0.36 | 28.11<br>-0.20<br>-0.25 | 29.81<br>-0.24<br>0.00 | 32.24<br>-0.23<br>0.00 | 38.91<br>-0.19<br>0.00 | 38.79<br>-0.16<br>0.05  | 35.50<br>-0.11<br>0.00 | 33.23<br>-0.10<br>0.00 | 36.14<br>-0.11<br>0.00 | 38.54<br>-0.08<br>0.00 | 39.36<br>-0.16<br>0.00  | 42.29<br>-0.17<br>-0.38 | 40.46<br>-0.12<br>0.00   | 45.14<br>-0.05<br>0.00   | 55.79<br>0.22<br>0.00    | 71.78<br>0.43<br>0.00    | 88.76<br>1.19<br>-2.80  | 91.20<br>1.31<br>-2.57 | 91.62<br>1.20<br>-5.00 | 60.38<br>0.36<br>0.00  | 49.18<br>0.05<br>0.00  | 43.82<br>0.04<br>0.00  |
| CLINTON_WT_PWR<br>323605       | 38.21<br>-0.42<br>0.00 | 29.06<br>-0.35<br>0.00  | 27.15<br>-0.39<br>0.00  | 27.67<br>-0.39<br>0.00  | 29.69<br>-0.36<br>0.00 | 32.11<br>-0.36<br>0.00 | 38.68<br>-0.43<br>0.00 | 38.49<br>-0.51<br>0.00  | 35.14<br>-0.46<br>0.00 | 32.89<br>-0.43<br>0.00 | 35.78<br>-0.47<br>0.00 | 38.15<br>-0.46<br>0.00 | 38.97<br>-0.55<br>0.00  | 41.45<br>-0.63<br>0.00  | 39.93<br>-0.65<br>0.00   | 44.46<br>-0.72<br>0.00   | 54.34<br>-1.22<br>0.00   | 69.50<br>-1.86<br>0.00   | 82.06<br>-2.72<br>0.00  | 84.35<br>-2.97<br>0.00 | 82.61<br>-2.82<br>0.00 | 58.34<br>-1.68<br>0.00 | 48.01<br>-1.13<br>0.00 | 42.77<br>-1.01<br>0.00 |
| CLINTON___LFGE<br>323618       | 38.63<br>0.00<br>0.00  | 29.38<br>-0.03<br>0.00  | 27.42<br>-0.11<br>0.00  | 27.95<br>-0.11<br>0.00  | 30.02<br>-0.03<br>0.00 | 32.50<br>0.03<br>0.00  | 39.15<br>0.04<br>0.00  | 38.96<br>-0.04<br>0.00  | 35.54<br>-0.07<br>0.00 | 33.23<br>-0.10<br>0.00 | 36.14<br>-0.11<br>0.00 | 38.54<br>-0.08<br>0.00 | 39.36<br>-0.16<br>0.00  | 41.88<br>-0.21<br>0.00  | 40.30<br>-0.28<br>0.00   | 44.92<br>-0.27<br>0.00   | 54.84<br>-0.72<br>0.00   | 69.99<br>-1.36<br>0.00   | 82.83<br>-1.95<br>0.00  | 85.31<br>-2.00<br>0.00 | 83.55<br>-1.88<br>0.00 | 58.94<br>-1.08<br>0.00 | 48.69<br>-0.44<br>0.00 | 43.29<br>-0.48<br>0.00 |
| COBBLENY_34_KV_TB1<br>80064    | 35.35<br>-3.28<br>0.00 | 26.83<br>-3.29<br>-0.71 | 25.11<br>-3.03<br>-0.61 | 25.16<br>-3.31<br>-0.41 | 26.47<br>-3.58<br>0.00 | 28.76<br>-3.57<br>0.14 | 25.77<br>-4.46<br>8.88 | 24.32<br>-3.78<br>10.89 | 24.80<br>-2.35<br>8.46 | 25.96<br>-2.03<br>5.33 | 27.49<br>-2.21<br>6.55 | 30.46<br>-2.24<br>5.91 | 29.68<br>-2.33<br>7.51  | 27.97<br>-2.69<br>11.42 | 30.23<br>-2.68<br>7.67   | 32.37<br>-2.80<br>10.01  | 41.33<br>-2.61<br>11.62  | 54.41<br>-3.92<br>13.02  | 66.40<br>-3.22<br>15.16 | 83.56<br>-3.75<br>0.00 | 80.10<br>-5.30<br>0.03 | 49.73<br>-4.14<br>6.15 | 40.69<br>-3.10<br>5.35 | 40.39<br>-3.37<br>0.01 |
| COFFEEN___115KV_TB3<br>355620  | 38.71<br>0.08<br>0.00  | 29.65<br>0.00<br>-0.23  | 27.68<br>-0.06<br>-0.20 | 27.94<br>-0.25<br>-0.14 | 29.60<br>-0.45<br>0.00 | 32.24<br>-0.23<br>0.00 | 38.68<br>-0.43<br>0.00 | 38.34<br>-0.66<br>0.00  | 34.54<br>-1.07<br>0.00 | 31.89<br>-1.43<br>0.00 | 34.54<br>-1.70<br>0.00 | 36.80<br>-1.81<br>0.00 | 37.62<br>-1.90<br>0.00  | 40.20<br>-2.10<br>-0.22 | 38.68<br>-1.91<br>0.00   | 43.29<br>-1.90<br>0.00   | 54.40<br>-1.17<br>0.00   | 70.35<br>-1.00<br>0.00   | 89.63<br>3.22<br>-1.63  | 93.80<br>4.98<br>-1.50 | 93.47<br>5.13<br>-2.92 | 62.60<br>2.58<br>0.00  | 50.56<br>1.42<br>0.00  | 44.91<br>1.14<br>0.00  |
| COLDSPRG_115KV_BK1<br>355956   | 35.70<br>-2.94<br>0.00 | 27.01<br>-3.15<br>-0.75 | 25.22<br>-2.95<br>-0.64 | 25.27<br>-3.23<br>-0.43 | 26.71<br>-3.34<br>0.00 | 29.34<br>-3.02<br>0.11 | 30.22<br>-4.03<br>4.86 | 28.33<br>-3.04<br>7.63  | 26.94<br>-1.07<br>7.60 | 27.64<br>-0.90<br>4.79 | 29.39<br>-0.98<br>5.88 | 32.41<br>-0.89<br>5.31 | 31.87<br>-0.91<br>6.74  | 30.61<br>-1.22<br>10.26 | 32.44<br>-1.26<br>6.89   | 35.09<br>-1.08<br>9.01   | 44.73<br>-0.33<br>10.51  | 58.38<br>-1.14<br>11.83  | 71.20<br>0.17<br>13.75  | 86.97<br>-0.35<br>0.00 | 83.35<br>-2.05<br>0.03 | 52.72<br>-1.68<br>5.62 | 43.04<br>-1.23<br>4.87 | 41.31<br>-2.45<br>0.01 |
| COLONIE_LFGE___<br>323577      | 40.06<br>1.43<br>0.00  | 35.09<br>1.29<br>-4.39  | 32.47<br>1.18<br>-3.75  | 31.84<br>1.23<br>-2.54  | 31.34<br>1.29<br>0.00  | 33.80<br>1.33<br>0.00  | 40.67<br>1.57<br>0.00  | 40.44<br>1.44<br>0.00   | 36.78<br>1.17<br>0.00  | 34.19<br>0.87<br>0.00  | 37.23<br>0.98<br>0.00  | 39.54<br>0.93<br>0.00  | 40.59<br>1.07<br>0.00   | 43.39<br>1.31<br>0.00   | 41.84<br>1.26<br>0.00    | 46.54<br>1.35<br>0.00    | 57.07<br>1.50<br>0.00    | 73.57<br>2.21<br>0.00    | 87.92<br>3.14<br>0.00   | 90.64<br>3.32<br>0.00  | 88.85<br>3.42<br>0.00  | 62.30<br>2.28<br>0.00  | 50.95<br>1.82<br>0.00  | 45.17<br>1.40<br>0.00  |
| COOPERNY_115KV_TB1<br>80082    | 40.76<br>2.12<br>0.00  | 34.13<br>1.56<br>-3.16  | 31.72<br>1.49<br>-2.70  | 31.30<br>1.40<br>-1.83  | 31.46<br>1.41<br>0.00  | 33.93<br>1.46<br>0.00  | 40.87<br>1.76<br>0.00  | 40.99<br>1.99<br>0.00   | 37.57<br>1.96<br>0.00  | 35.43<br>2.10<br>0.00  | 38.53<br>2.28<br>0.00  | 41.12<br>2.51<br>0.00  | 40.39<br>2.96<br>2.09   | 40.59<br>3.24<br>4.74   | 37.04<br>3.04<br>6.59    | 43.12<br>3.25<br>5.32    | 52.61<br>4.11<br>7.07    | 69.90<br>5.42<br>6.87    | 91.34<br>6.78<br>0.22   | 94.13<br>6.81<br>0.00  | 91.41<br>5.98<br>0.00  | 63.44<br>3.42<br>0.00  | 51.88<br>2.75<br>0.00  | 46.14<br>2.36<br>0.00  |
| COPENHAGEN_WT_PWR<br>323753    | 38.56<br>-0.08<br>0.00 | 29.54<br>-0.12<br>-0.24 | 27.58<br>-0.16<br>-0.21 | 27.87<br>-0.34<br>-0.14 | 29.51<br>-0.54<br>0.00 | 32.11<br>-0.36<br>0.00 | 38.52<br>-0.59<br>0.00 | 38.18<br>-0.82<br>0.00  | 34.50<br>-1.10<br>0.00 | 31.89<br>-1.43<br>0.00 | 34.58<br>-1.67<br>0.00 | 36.80<br>-1.81<br>0.00 | 37.63<br>-1.90<br>0.00  | 40.21<br>-2.10<br>-0.23 | 38.72<br>-1.87<br>0.00   | 43.29<br>-1.90<br>0.00   | 54.23<br>-1.33<br>0.00   | 70.07<br>-1.28<br>0.00   | 88.94<br>2.46<br>-1.71  | 92.91<br>4.02<br>-1.57 | 92.58<br>4.10<br>-3.05 | 62.00<br>1.98<br>0.00  | 50.17<br>1.03<br>0.00  | 44.60<br>0.83<br>0.00  |
| CORNELL_____<br>23752          | 39.14<br>0.50<br>0.00  | 30.67<br>0.32<br>-0.94  | 28.56<br>0.22<br>-0.80  | 28.77<br>0.17<br>-0.54  | 30.23<br>0.18<br>0.00  | 32.78<br>0.29<br>-0.02 | 42.61<br>0.39<br>-3.11 | 42.99<br>0.51<br>-3.48  | 38.78<br>0.46<br>-2.71 | 35.40<br>0.37<br>-1.70 | 38.60<br>0.25<br>-2.10 | 40.78<br>0.27<br>-1.89 | 42.16<br>0.24<br>-2.40  | 46.20<br>0.25<br>-3.87  | 43.28<br>0.24<br>-2.46   | 48.64<br>0.50<br>-2.96   | 60.35<br>1.28<br>-3.51   | 76.09<br>2.00<br>-2.74   | 96.34<br>3.81<br>-7.75  | 92.91<br>4.19<br>-1.40 | 92.08<br>3.93<br>-2.72 | 62.72<br>2.04<br>-0.66 | 51.62<br>1.38<br>-1.12 | 44.83<br>1.05<br>0.00  |

|                               |                        |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                        |                         |                          |                          |                           |                         |                        |                          |                       |                        |
|-------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|---------------------------|-------------------------|------------------------|--------------------------|-----------------------|------------------------|
| CORONA__69_KV_TB1<br>355595   | 42.21<br>3.55<br>-0.02 | 35.82<br>2.62<br>-3.79  | 33.17<br>2.40<br>-3.24  | 32.56<br>2.30<br>-2.20  | 32.57<br>2.52<br>0.00  | 35.00<br>2.53<br>0.00  | 42.32<br>3.21<br>0.00  | 42.51<br>3.51<br>0.00  | 38.88<br>3.28<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.75<br>4.13<br>-0.01 | 46.52<br>4.51<br>-2.50 | 52.40<br>4.67<br>-5.64  | 52.76<br>4.34<br>-7.84 | 78.01<br>4.74<br>-28.08 | 144.35<br>6.06<br>-82.73 | 132.84<br>7.92<br>-53.57 | 130.80<br>10.34<br>-35.68 | 97.66<br>10.22<br>-0.12 | 94.69<br>9.14<br>-0.12 | 119.44<br>5.64<br>-53.78 | 53.51<br>4.37<br>0.00 | 47.78<br>3.98<br>-0.02 |
| CORTLAND__115KV_TB3<br>80093  | 38.90<br>0.27<br>0.00  | 30.31<br>0.15<br>-0.75  | 28.26<br>0.08<br>-0.64  | 28.52<br>0.03<br>-0.44  | 30.05<br>0.00<br>0.00  | 32.56<br>0.10<br>0.00  | 39.26<br>0.16<br>0.00  | 39.23<br>0.23<br>0.00  | 35.89<br>0.28<br>0.00  | 33.56<br>0.23<br>0.00  | 36.43<br>0.18<br>0.00  | 38.84<br>0.23<br>0.00  | 39.76<br>0.24<br>0.00  | 42.55<br>0.25<br>-0.21  | 40.83<br>0.24<br>0.00  | 45.48<br>0.41<br>0.11   | 56.12<br>0.94<br>0.39    | 71.91<br>1.43<br>0.87    | 89.16<br>2.80<br>-1.58    | 91.83<br>3.06<br>-1.45  | 90.99<br>2.73<br>-2.82 | 60.75<br>1.38<br>0.65    | 49.67<br>0.88<br>0.35 | 44.43<br>0.66<br>0.00  |
| COXSACKIE__GT<br>23611        | 40.91<br>2.28<br>0.00  | 35.42<br>1.79<br>-4.21  | 32.73<br>1.60<br>-3.60  | 32.07<br>1.57<br>-2.44  | 31.85<br>1.80<br>0.00  | 34.32<br>1.85<br>0.00  | 41.38<br>2.27<br>0.00  | 41.14<br>2.14<br>0.00  | 37.00<br>1.39<br>0.00  | 34.39<br>1.07<br>0.00  | 37.26<br>1.01<br>0.00  | 39.50<br>0.89<br>0.00  | 40.79<br>1.26<br>0.00  | 43.56<br>1.47<br>0.00   | 42.17<br>1.58<br>0.00  | 47.13<br>1.94<br>0.00   | 58.29<br>2.72<br>0.00    | 76.13<br>4.78<br>0.00    | 91.90<br>7.12<br>0.00     | 94.91<br>7.59<br>0.00   | 92.44<br>7.01<br>0.00  | 64.28<br>4.26<br>0.00    | 52.23<br>3.10<br>0.00 | 46.31<br>2.54<br>0.00  |
| CPV_VALLEY__CC1<br>323721     | 40.72<br>2.08<br>0.00  | 34.44<br>1.53<br>-3.50  | 32.01<br>1.49<br>-2.99  | 31.50<br>1.40<br>-2.03  | 31.46<br>1.41<br>0.00  | 33.93<br>1.46<br>0.00  | 40.75<br>1.64<br>0.00  | 40.96<br>1.91<br>-0.05 | 37.57<br>1.96<br>0.00  | 35.46<br>2.13<br>0.00  | 38.57<br>2.32<br>0.00  | 41.16<br>2.55<br>0.00  | 40.69<br>3.04<br>1.88  | 41.16<br>3.32<br>4.25   | 37.81<br>3.13<br>5.90  | 43.69<br>3.34<br>4.84   | 53.16<br>4.17<br>6.58    | 70.55<br>5.49<br>6.30    | 91.33<br>6.86<br>0.31     | 94.13<br>6.82<br>0.00   | 91.32<br>5.89<br>0.00  | 63.38<br>3.36<br>0.00    | 51.83<br>2.70<br>0.00 | 46.14<br>2.36<br>0.00  |
| CPV_VALLEY__CC2<br>323722     | 40.72<br>2.08<br>0.00  | 34.44<br>1.53<br>-3.50  | 32.01<br>1.49<br>-2.99  | 31.50<br>1.40<br>-2.03  | 31.46<br>1.41<br>0.00  | 33.93<br>1.46<br>0.00  | 40.75<br>1.64<br>0.00  | 40.96<br>1.91<br>-0.05 | 37.57<br>1.96<br>0.00  | 35.46<br>2.13<br>0.00  | 38.57<br>2.32<br>0.00  | 41.16<br>2.55<br>0.00  | 40.69<br>3.04<br>1.88  | 41.16<br>3.32<br>4.25   | 37.81<br>3.13<br>5.90  | 43.69<br>3.34<br>4.84   | 53.16<br>4.17<br>6.58    | 70.55<br>5.49<br>6.30    | 91.33<br>6.86<br>0.31     | 94.13<br>6.82<br>0.00   | 91.32<br>5.89<br>0.00  | 63.38<br>3.36<br>0.00    | 51.83<br>2.70<br>0.00 | 46.14<br>2.36<br>0.00  |
| CRESCENT__HYD<br>24018        | 40.06<br>1.43<br>0.00  | 35.09<br>1.29<br>-4.39  | 32.47<br>1.18<br>-3.75  | 31.84<br>1.23<br>-2.54  | 31.34<br>1.29<br>0.00  | 33.80<br>1.33<br>0.00  | 40.67<br>1.57<br>0.00  | 40.44<br>1.44<br>0.00  | 36.78<br>1.17<br>0.00  | 34.19<br>0.87<br>0.00  | 37.23<br>0.98<br>0.00  | 39.54<br>0.93<br>0.00  | 40.59<br>1.07<br>0.00  | 43.39<br>1.31<br>0.00   | 41.84<br>1.26<br>0.00  | 46.54<br>1.35<br>0.00   | 57.07<br>1.50<br>0.00    | 73.57<br>2.21<br>0.00    | 87.92<br>3.14<br>0.00     | 90.64<br>3.32<br>0.00   | 88.85<br>3.42<br>0.00  | 62.30<br>2.28<br>0.00    | 50.95<br>1.82<br>0.00 | 45.17<br>1.40<br>0.00  |
| CRICKET__VALLEY_CC1<br>323756 | 40.80<br>2.16<br>0.00  | 34.95<br>1.65<br>-3.90  | 32.49<br>1.62<br>-3.33  | 31.89<br>1.57<br>-2.26  | 31.64<br>1.59<br>0.00  | 34.12<br>1.65<br>0.00  | 40.95<br>1.84<br>0.00  | 41.10<br>2.07<br>-0.04 | 37.67<br>2.06<br>0.00  | 35.49<br>2.16<br>0.00  | 38.60<br>2.35<br>0.00  | 41.20<br>2.59<br>0.00  | 43.49<br>3.08<br>-0.88 | 47.44<br>3.37<br>-1.99  | 46.56<br>3.21<br>-2.77 | 50.79<br>3.43<br>-2.18  | 62.50<br>4.17<br>-2.77   | 79.62<br>5.49<br>-2.77   | 91.56<br>6.78<br>0.00     | 94.04<br>6.72<br>0.00   | 91.32<br>5.89<br>0.00  | 63.44<br>3.42<br>0.00    | 51.98<br>2.85<br>0.00 | 46.18<br>2.41<br>0.00  |
| CRICKET__VALLEY_CC2<br>323757 | 40.80<br>2.16<br>0.00  | 34.95<br>1.65<br>-3.90  | 32.49<br>1.62<br>-3.33  | 31.89<br>1.57<br>-2.26  | 31.64<br>1.59<br>0.00  | 34.12<br>1.65<br>0.00  | 40.95<br>1.84<br>0.00  | 41.10<br>2.07<br>-0.04 | 37.67<br>2.06<br>0.00  | 35.49<br>2.16<br>0.00  | 38.60<br>2.35<br>0.00  | 41.20<br>2.59<br>0.00  | 43.49<br>3.08<br>-0.88 | 47.44<br>3.37<br>-1.99  | 46.56<br>3.21<br>-2.77 | 50.79<br>3.43<br>-2.18  | 62.50<br>4.17<br>-2.77   | 79.62<br>5.49<br>-2.77   | 91.56<br>6.78<br>0.00     | 94.04<br>6.72<br>0.00   | 91.32<br>5.89<br>0.00  | 63.44<br>3.42<br>0.00    | 51.98<br>2.85<br>0.00 | 46.18<br>2.41<br>0.00  |
| CRICKET__VALLEY_CC3<br>323758 | 40.80<br>2.16<br>0.00  | 34.95<br>1.65<br>-3.90  | 32.49<br>1.62<br>-3.33  | 31.89<br>1.57<br>-2.26  | 31.64<br>1.59<br>0.00  | 34.12<br>1.65<br>0.00  | 40.95<br>1.84<br>0.00  | 41.10<br>2.07<br>-0.04 | 37.67<br>2.06<br>0.00  | 35.49<br>2.16<br>0.00  | 38.60<br>2.35<br>0.00  | 41.20<br>2.59<br>0.00  | 43.49<br>3.08<br>-0.88 | 47.44<br>3.37<br>-1.99  | 46.56<br>3.21<br>-2.77 | 50.79<br>3.43<br>-2.18  | 62.50<br>4.17<br>-2.77   | 79.62<br>5.49<br>-2.77   | 91.56<br>6.78<br>0.00     | 94.04<br>6.72<br>0.00   | 91.32<br>5.89<br>0.00  | 63.44<br>3.42<br>0.00    | 51.98<br>2.85<br>0.00 | 46.18<br>2.41<br>0.00  |
| CRUCIBLE__METL_DRP<br>24180   | 38.44<br>-0.19<br>0.00 | 29.72<br>-0.12<br>-0.43 | 27.73<br>-0.17<br>-0.36 | 28.11<br>-0.20<br>-0.25 | 29.81<br>-0.24<br>0.00 | 32.24<br>-0.23<br>0.00 | 38.91<br>-0.20<br>0.00 | 38.84<br>-0.16<br>0.00 | 35.50<br>-0.11<br>0.00 | 33.23<br>-0.10<br>0.00 | 36.14<br>-0.11<br>0.00 | 38.54<br>-0.08<br>0.00 | 39.36<br>-0.16<br>0.00 | 42.29<br>-0.17<br>-0.38 | 40.46<br>-0.12<br>0.00 | 45.14<br>-0.05<br>0.00  | 55.79<br>0.22<br>0.00    | 71.78<br>0.43<br>0.00    | 88.76<br>1.19<br>-2.80    | 91.20<br>1.31<br>-2.57  | 91.62<br>1.20<br>-5.00 | 60.32<br>0.30<br>0.00    | 49.18<br>0.05<br>0.00 | 43.82<br>0.04<br>0.00  |
| DAHOWA__HYDRO<br>323763       | 40.56<br>1.93<br>0.00  | 35.55<br>1.71<br>-4.44  | 32.78<br>1.46<br>-3.79  | 32.18<br>1.54<br>-2.57  | 31.67<br>1.62<br>0.00  | 34.15<br>1.69<br>0.00  | 41.10<br>1.99<br>0.00  | 40.83<br>1.83<br>0.00  | 36.93<br>1.32<br>0.00  | 34.29<br>0.97<br>0.00  | 37.30<br>1.05<br>0.00  | 39.62<br>1.00<br>0.00  | 40.59<br>1.07<br>0.00  | 43.43<br>1.35<br>0.00   | 41.88<br>1.30<br>0.00  | 46.41<br>1.22<br>0.00   | 57.18<br>1.61<br>0.00    | 73.85<br>2.50<br>0.00    | 88.85<br>4.07<br>0.00     | 91.77<br>4.45<br>0.00   | 90.12<br>4.70<br>0.00  | 63.20<br>3.18<br>0.00    | 51.49<br>2.36<br>0.00 | 46.05<br>2.27<br>0.00  |
| DANC__LFGE<br>323619          | 38.32<br>-0.31<br>0.00 | 29.42<br>-0.27<br>-0.28 | 27.50<br>-0.28<br>-0.24 | 27.80<br>-0.42<br>-0.16 | 29.48<br>-0.57<br>0.00 | 31.98<br>-0.49<br>0.00 | 38.41<br>-0.70<br>0.00 | 38.18<br>-0.82<br>0.00 | 34.58<br>-1.03<br>0.00 | 32.13<br>-1.20<br>0.00 | 34.83<br>-1.41<br>0.00 | 37.11<br>-1.51<br>0.00 | 37.90<br>-1.62<br>0.00 | 40.56<br>-1.81<br>-0.28 | 38.96<br>-1.62<br>0.00 | 43.51<br>-1.67<br>0.00  | 54.29<br>-1.28<br>0.00   | 69.99<br>-1.36<br>0.00   | 88.12<br>1.27<br>-2.07    | 91.49<br>2.27<br>-1.90  | 91.43<br>2.31<br>-3.70 | 60.92<br>0.90<br>0.00    | 49.43<br>0.30<br>0.00 | 44.08<br>0.31<br>0.00  |
| DANSKAMMER__1<br>23586        | 41.38<br>2.74<br>0.00  | 35.27<br>2.06<br>-3.80  | 32.76<br>1.98<br>-3.24  | 32.14<br>1.88<br>-2.20  | 31.94<br>1.89<br>0.00  | 34.45<br>1.98<br>0.00  | 41.42<br>2.31<br>0.00  | 41.61<br>2.57<br>-0.04 | 38.28<br>2.67<br>0.00  | 36.13<br>2.80<br>0.00  | 39.26<br>3.01<br>0.00  | 41.93<br>3.32<br>0.00  | 43.44<br>3.91<br>0.00  | 46.38<br>4.29<br>0.00   | 44.73<br>4.14<br>0.00  | 49.95<br>4.66<br>-0.11  | 61.89<br>5.95<br>-0.38   | 79.64<br>8.06<br>-0.22   | 94.95<br>10.00<br>-0.18   | 97.36<br>10.04<br>0.00  | 94.23<br>8.80<br>0.00  | 65.24<br>5.22<br>0.00    | 53.21<br>4.08<br>0.00 | 47.23<br>3.46<br>0.00  |
| DANSKAMMER__2<br>23589        | 41.38<br>2.74<br>0.00  | 35.27<br>2.06<br>-3.80  | 32.76<br>1.98<br>-3.24  | 32.14<br>1.88<br>-2.20  | 31.94<br>1.89<br>0.00  | 34.45<br>1.98<br>0.00  | 41.42<br>2.31<br>0.00  | 41.61<br>2.57<br>-0.04 | 38.28<br>2.67<br>0.00  | 36.13<br>2.80<br>0.00  | 39.26<br>3.01<br>0.00  | 41.93<br>3.32<br>0.00  | 43.44<br>3.91<br>0.00  | 46.38<br>4.29<br>0.00   | 44.73<br>4.14<br>0.00  | 49.95<br>4.66<br>-0.11  | 61.89<br>5.95<br>-0.38   | 79.64<br>8.06<br>-0.22   | 94.95<br>10.00<br>-0.18   | 97.36<br>10.04<br>0.00  | 94.23<br>8.80<br>0.00  | 65.24<br>5.22<br>0.00    | 53.21<br>4.08<br>0.00 | 47.23<br>3.46<br>0.00  |
| DANSKAMMER__3<br>23590        | 41.38<br>2.74<br>0.00  | 35.27<br>2.06<br>-3.80  | 32.76<br>1.98<br>-3.24  | 32.14<br>1.88<br>-2.20  | 31.94<br>1.89<br>0.00  | 34.45<br>1.98<br>0.00  | 41.42<br>2.31<br>0.00  | 41.61<br>2.57<br>-0.04 | 38.28<br>2.67<br>0.00  | 36.13<br>2.80<br>0.00  | 39.26<br>3.01<br>0.00  | 41.93<br>3.32<br>0.00  | 43.44<br>3.91<br>0.00  | 46.38<br>4.29<br>0.00   | 44.73<br>4.14<br>0.00  | 49.95<br>4.66<br>-0.11  | 61.89<br>5.95<br>-0.38   | 79.64<br>8.06<br>-0.22   | 94.95<br>10.00<br>-0.18   | 97.36<br>10.04<br>0.00  | 94.23<br>8.80<br>0.00  | 65.24<br>5.22<br>0.00    | 53.21<br>4.08<br>0.00 | 47.23<br>3.46<br>0.00  |

|  |                        |                         |                         |                         |                        |                        |                         |                         |                        |                        |                        |                        |                        |                         |                        |                         |                         |                         |                         |                        |                        |                        |                        |                        |
|--|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| DANSKAMMER___4<br>23591                    | 41.38<br>2.74<br>0.00  | 35.27<br>2.06<br>-3.80  | 32.76<br>1.98<br>-3.24  | 32.14<br>1.88<br>-2.20  | 31.94<br>1.89<br>0.00  | 34.45<br>1.98<br>0.00  | 41.42<br>2.31<br>0.00   | 41.61<br>2.57<br>-0.04  | 38.28<br>2.67<br>0.00  | 36.13<br>2.80<br>0.00  | 39.26<br>3.01<br>0.00  | 41.93<br>3.32<br>0.00  | 43.44<br>3.91<br>0.00  | 46.38<br>4.29<br>0.00   | 44.73<br>4.14<br>0.00  | 49.95<br>4.66<br>-0.11  | 61.89<br>5.95<br>-0.38  | 79.64<br>8.06<br>-0.22  | 94.95<br>10.00<br>-0.18 | 97.36<br>10.04<br>0.00 | 94.23<br>8.80<br>0.00  | 65.24<br>5.22<br>0.00  | 53.21<br>4.08<br>0.00  | 47.23<br>3.46<br>0.00  |
| DANSKAMMER___DIESEL<br>23592               | 41.41<br>2.78<br>0.00  | 35.30<br>2.09<br>-3.80  | 32.76<br>1.98<br>-3.24  | 32.14<br>1.88<br>-2.20  | 31.94<br>1.89<br>0.00  | 34.45<br>1.98<br>0.00  | 41.49<br>2.39<br>0.00   | 41.65<br>2.65<br>0.00   | 38.32<br>2.71<br>0.00  | 36.13<br>2.80<br>0.00  | 39.26<br>3.01<br>0.00  | 41.93<br>3.32<br>0.00  | 43.43<br>3.91<br>0.00  | 46.38<br>4.29<br>0.00   | 44.72<br>4.14<br>0.00  | 49.95<br>4.65<br>-0.11  | 61.89<br>5.95<br>-0.38  | 79.64<br>8.06<br>-0.22  | 94.96<br>10.00<br>-0.18 | 97.36<br>10.04<br>0.00 | 94.31<br>8.88<br>0.00  | 65.24<br>5.22<br>0.00  | 53.21<br>4.08<br>0.00  | 47.28<br>3.50<br>0.00  |
| DARBY___SOLAR<br>323810                    | 40.49<br>1.85<br>0.00  | 35.46<br>1.62<br>-4.43  | 32.72<br>1.40<br>-3.78  | 32.12<br>1.49<br>-2.57  | 31.61<br>1.56<br>0.00  | 34.09<br>1.62<br>0.00  | 41.02<br>1.92<br>0.00   | 40.75<br>1.76<br>0.00   | 36.85<br>1.25<br>0.00  | 34.23<br>0.90<br>0.00  | 37.26<br>1.01<br>0.00  | 39.54<br>0.93<br>0.00  | 40.55<br>1.03<br>0.00  | 43.35<br>1.26<br>0.00   | 41.80<br>1.22<br>0.00  | 46.36<br>1.17<br>0.00   | 57.12<br>1.55<br>0.00   | 73.78<br>2.43<br>0.00   | 88.68<br>3.90<br>0.00   | 91.60<br>4.28<br>0.00  | 89.87<br>4.44<br>0.00  | 63.02<br>3.00<br>0.00  | 51.39<br>2.26<br>0.00  | 45.92<br>2.14<br>0.00  |
| DASHVILLE___HYD<br>23610                   | 41.07<br>2.43<br>0.00  | 34.85<br>1.59<br>-3.85  | 32.31<br>1.49<br>-3.29  | 31.70<br>1.40<br>-2.23  | 31.70<br>1.65<br>0.00  | 34.15<br>1.69<br>0.00  | 41.14<br>2.03<br>0.00   | 41.22<br>2.22<br>0.00   | 37.75<br>2.14<br>0.00  | 35.59<br>2.27<br>0.00  | 38.68<br>2.43<br>0.00  | 41.28<br>2.66<br>0.00  | 42.72<br>3.20<br>0.00  | 45.62<br>3.54<br>0.00   | 43.95<br>3.37<br>0.00  | 48.89<br>3.71<br>0.00   | 60.23<br>4.67<br>0.00   | 77.77<br>6.42<br>0.00   | 92.75<br>7.97<br>0.00   | 95.35<br>8.03<br>0.00  | 92.43<br>7.01<br>0.00  | 64.10<br>4.08<br>0.00  | 52.38<br>3.24<br>0.00  | 46.58<br>2.80<br>0.00  |
| DELAWARE___LFGE<br>323621                  | 39.91<br>1.27<br>0.00  | 32.14<br>0.91<br>-1.82  | 29.94<br>0.85<br>-1.55  | 29.90<br>0.79<br>-1.05  | 30.83<br>0.78<br>0.00  | 33.38<br>0.91<br>0.00  | 40.16<br>1.06<br>0.00   | 40.23<br>1.17<br>-0.06  | 36.75<br>1.14<br>0.00  | 34.46<br>1.13<br>0.00  | 37.48<br>1.23<br>0.00  | 40.00<br>1.39<br>0.00  | 41.10<br>1.58<br>0.00  | 43.84<br>1.68<br>-0.07  | 42.17<br>1.58<br>0.00  | 46.92<br>1.81<br>0.07   | 57.82<br>2.50<br>0.25   | 73.93<br>3.14<br>0.56   | 89.79<br>4.49<br>-0.52  | 92.42<br>4.63<br>-0.48 | 90.63<br>4.27<br>-0.93 | 62.06<br>2.46<br>0.42  | 50.82<br>1.92<br>0.23  | 45.39<br>1.62<br>0.00  |
| DERFIELD_115KV_TB7<br>355931               | 38.86<br>0.23<br>0.00  | 29.59<br>0.18<br>0.00   | 27.70<br>0.17<br>0.00   | 28.20<br>0.14<br>0.00   | 30.17<br>0.12<br>0.00  | 32.60<br>0.13<br>0.00  | 39.26<br>0.16<br>0.00   | 39.15<br>0.16<br>0.00   | 35.75<br>0.14<br>0.00  | 33.46<br>0.13<br>0.00  | 36.39<br>0.14<br>0.00  | 38.77<br>0.15<br>0.00  | 39.68<br>0.16<br>0.00  | 42.25<br>0.17<br>0.00   | 40.75<br>0.16<br>0.00  | 45.37<br>0.18<br>0.00   | 55.79<br>0.22<br>0.00   | 71.71<br>0.36<br>0.00   | 85.46<br>0.68<br>0.00   | 88.02<br>0.70<br>0.00  | 86.03<br>0.60<br>0.00  | 60.32<br>0.30<br>0.00  | 49.38<br>0.25<br>0.00  | 43.99<br>0.22<br>0.00  |
| DOGLEVILLE___HYD<br>23807                  | 39.68<br>1.04<br>0.00  | 30.06<br>0.65<br>0.00   | 27.95<br>0.41<br>0.00   | 28.26<br>0.20<br>0.00   | 30.11<br>0.06<br>0.00  | 32.53<br>0.06<br>0.00  | 39.15<br>0.04<br>0.00   | 39.08<br>0.08<br>0.00   | 35.82<br>0.21<br>0.00  | 33.76<br>0.43<br>0.00  | 36.90<br>0.65<br>0.00  | 39.39<br>0.77<br>0.00  | 40.19<br>0.67<br>0.00  | 42.80<br>0.72<br>0.00   | 41.23<br>0.65<br>0.00  | 45.86<br>0.68<br>0.00   | 56.57<br>1.00<br>0.00   | 72.57<br>1.21<br>0.00   | 86.81<br>2.03<br>0.00   | 89.68<br>2.36<br>0.00  | 87.31<br>1.88<br>0.00  | 60.80<br>0.78<br>0.00  | 50.07<br>0.93<br>0.00  | 44.56<br>0.79<br>0.00  |
| DUNKIRK__115KV_TB_200<br>55889             | 35.50<br>-3.13<br>0.00 | 26.94<br>-3.18<br>-0.71 | 25.22<br>-2.92<br>-0.60 | 25.27<br>-3.20<br>-0.41 | 26.59<br>-3.46<br>0.00 | 28.85<br>-3.47<br>0.14 | 25.29<br>-4.22<br>9.60  | 23.87<br>-3.55<br>11.58 | 24.49<br>-2.31<br>8.80 | 25.72<br>-2.07<br>5.54 | 27.19<br>-2.25<br>6.81 | 30.14<br>-2.32<br>6.15 | 29.34<br>-2.37<br>7.81 | 27.47<br>-2.74<br>11.88 | 29.88<br>-2.72<br>7.98 | 31.99<br>-2.80<br>10.40 | 40.76<br>-2.56<br>12.25 | 54.06<br>-3.71<br>13.58 | 66.37<br>-2.80<br>15.61 | 84.61<br>-2.71<br>0.00 | 81.04<br>-4.36<br>0.03 | 49.95<br>-3.72<br>6.35 | 40.55<br>-2.95<br>5.64 | 40.74<br>-3.02<br>0.01 |
| DUNKIRK___1<br>23563                       | 35.50<br>-3.13<br>0.00 | 26.94<br>-3.18<br>-0.71 | 25.22<br>-2.92<br>-0.60 | 25.27<br>-3.20<br>-0.41 | 26.59<br>-3.46<br>0.00 | 28.85<br>-3.47<br>0.14 | 25.29<br>-4.22<br>9.60  | 23.87<br>-3.55<br>11.58 | 24.49<br>-2.31<br>8.80 | 25.72<br>-2.07<br>5.54 | 27.19<br>-2.25<br>6.81 | 30.14<br>-2.32<br>6.15 | 29.34<br>-2.37<br>7.81 | 27.47<br>-2.74<br>11.88 | 29.88<br>-2.72<br>7.98 | 31.99<br>-2.80<br>10.40 | 40.76<br>-2.56<br>12.25 | 54.06<br>-3.71<br>13.58 | 66.37<br>-2.80<br>15.61 | 84.61<br>-2.71<br>0.00 | 81.04<br>-4.36<br>0.03 | 49.95<br>-3.72<br>6.35 | 40.55<br>-2.95<br>5.64 | 40.74<br>-3.02<br>0.01 |
| DUNKIRK___2<br>23564                       | 35.50<br>-3.13<br>0.00 | 26.94<br>-3.18<br>-0.71 | 25.22<br>-2.92<br>-0.60 | 25.27<br>-3.20<br>-0.41 | 26.59<br>-3.46<br>0.00 | 28.85<br>-3.47<br>0.14 | 25.29<br>-4.22<br>9.60  | 23.87<br>-3.55<br>11.58 | 24.49<br>-2.31<br>8.80 | 25.72<br>-2.07<br>5.54 | 27.19<br>-2.25<br>6.81 | 30.14<br>-2.32<br>6.15 | 29.34<br>-2.37<br>7.81 | 27.47<br>-2.74<br>11.88 | 29.88<br>-2.72<br>7.98 | 31.99<br>-2.80<br>10.40 | 40.76<br>-2.56<br>12.25 | 54.06<br>-3.71<br>13.58 | 66.37<br>-2.80<br>15.61 | 84.61<br>-2.71<br>0.00 | 81.04<br>-4.36<br>0.03 | 49.95<br>-3.72<br>6.35 | 40.55<br>-2.95<br>5.64 | 40.74<br>-3.02<br>0.01 |
| DUNKIRK___3<br>23565                       | 35.50<br>-3.13<br>0.00 | 26.97<br>-3.15<br>-0.71 | 25.24<br>-2.89<br>-0.60 | 25.30<br>-3.17<br>-0.41 | 26.62<br>-3.43<br>0.00 | 28.88<br>-3.44<br>0.15 | 24.62<br>-4.15<br>10.34 | 23.28<br>-3.51<br>12.20 | 24.33<br>-2.28<br>9.00 | 25.66<br>-2.00<br>5.66 | 27.08<br>-2.21<br>6.96 | 30.09<br>-2.24<br>6.29 | 29.21<br>-2.33<br>7.98 | 27.29<br>-2.65<br>12.14 | 29.79<br>-2.64<br>8.16 | 31.86<br>-2.71<br>10.62 | 40.50<br>-2.50<br>12.56 | 53.84<br>-3.64<br>13.88 | 66.09<br>-2.80<br>15.89 | 84.35<br>-2.97<br>0.00 | 80.87<br>-4.53<br>0.03 | 49.78<br>-3.78<br>6.46 | 40.45<br>-2.90<br>5.78 | 40.74<br>-3.02<br>0.01 |
| DUNKIRK___4<br>23566                       | 35.50<br>-3.13<br>0.00 | 26.97<br>-3.15<br>-0.71 | 25.24<br>-2.89<br>-0.60 | 25.30<br>-3.17<br>-0.41 | 26.62<br>-3.43<br>0.00 | 28.88<br>-3.44<br>0.15 | 24.62<br>-4.15<br>10.34 | 23.28<br>-3.51<br>12.20 | 24.33<br>-2.28<br>9.00 | 25.66<br>-2.00<br>5.66 | 27.08<br>-2.21<br>6.96 | 30.09<br>-2.24<br>6.29 | 29.21<br>-2.33<br>7.98 | 27.29<br>-2.65<br>12.14 | 29.79<br>-2.64<br>8.16 | 31.86<br>-2.71<br>10.62 | 40.50<br>-2.50<br>12.56 | 53.84<br>-3.64<br>13.88 | 66.09<br>-2.80<br>15.89 | 84.35<br>-2.97<br>0.00 | 80.87<br>-4.53<br>0.03 | 49.78<br>-3.78<br>6.46 | 40.45<br>-2.90<br>5.78 | 40.74<br>-3.02<br>0.01 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I<br>345000 | 41.57<br>2.94<br>0.00  | 35.38<br>2.18<br>-3.79  | 32.84<br>2.07<br>-3.24  | 32.25<br>1.99<br>-2.20  | 32.09<br>2.04<br>0.00  | 34.58<br>2.11<br>0.00  | 41.69<br>2.58<br>0.00   | 41.88<br>2.89<br>0.00   | 38.46<br>2.85<br>0.00  | 36.36<br>3.03<br>0.00  | 39.55<br>3.30<br>0.00  | 42.29<br>3.67<br>-0.01 | 46.34<br>4.31<br>-2.51 | 52.42<br>4.63<br>-5.71  | 53.32<br>4.38<br>-8.35 | 57.85<br>4.79<br>-7.87  | 74.99<br>5.95<br>-13.48 | 90.00<br>7.71<br>-10.94 | 96.59<br>9.41<br>-2.40  | 96.67<br>9.34<br>-0.01 | 93.64<br>8.20<br>-0.01 | 64.82<br>4.80<br>0.00  | 53.01<br>3.88<br>0.00  | 47.14<br>3.37<br>0.00  |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G<br>345009  | 41.22<br>2.59<br>0.00  | 35.08<br>1.94<br>-3.73  | 32.53<br>1.82<br>-3.18  | 31.96<br>1.74<br>-2.16  | 31.79<br>1.74<br>0.00  | 34.28<br>1.82<br>0.00  | 41.30<br>2.19<br>0.00   | 41.53<br>2.53<br>0.00   | 38.42<br>2.81<br>0.00  | 36.23<br>2.90<br>0.00  | 39.37<br>3.12<br>0.00  | 42.01<br>3.40<br>0.00  | 43.55<br>4.03<br>0.00  | 46.50<br>4.42<br>0.00   | 44.85<br>4.26<br>0.00  | 50.12<br>4.83<br>-0.10  | 62.12<br>6.22<br>-0.33  | 80.18<br>8.63<br>-0.20  | 95.70<br>10.77<br>-0.15 | 98.23<br>10.91<br>0.00 | 95.08<br>9.65<br>0.00  | 65.72<br>5.70<br>0.00  | 53.51<br>4.37<br>0.00  | 47.50<br>3.72<br>0.00  |
| E179THST_138_KV_TB4_REV_LBMP_J<br>345001   | 42.04<br>3.40<br>-0.01 | 35.77<br>2.56<br>-3.80  | 33.20<br>2.42<br>-3.25  | 32.62<br>2.36<br>-2.21  | 32.49<br>2.43<br>-0.01 | 34.94<br>2.47<br>-0.01 | 41.89<br>2.78<br>0.00   | 41.96<br>2.96<br>0.00   | 38.56<br>2.96<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.74<br>3.48<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.46<br>4.43<br>-2.52 | 53.08<br>4.71<br>-6.28  | 53.27<br>4.34<br>-8.34 | 58.26<br>4.74<br>-8.33  | 76.66<br>5.89<br>-15.21 | 91.17<br>7.63<br>-12.19 | 97.40<br>9.24<br>-3.38  | 96.41<br>9.08<br>0.00  | 93.38<br>7.94<br>0.00  | 64.88<br>4.86<br>0.00  | 53.36<br>4.23<br>0.00  | 47.71<br>3.94<br>0.00  |

|  |                        |                         |                         |                         |                        |                         |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                           |                           |                         |                          |                          |                          |                         |
|--|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| E179THST_13_KV_LOAD<br>356214              | 42.23<br>3.59<br>-0.01 | 35.89<br>2.68<br>-3.80  | 33.31<br>2.53<br>-3.25  | 32.71<br>2.44<br>-2.21  | 32.58<br>2.52<br>-0.01 | 35.07<br>2.60<br>-0.01  | 42.04<br>2.93<br>0.00    | 42.16<br>3.16<br>0.00    | 38.74<br>3.13<br>0.00    | 36.77<br>3.43<br>-0.01   | 39.92<br>3.66<br>-0.01   | 42.68<br>4.05<br>-0.01   | 46.70<br>4.66<br>-2.52   | 53.34<br>4.97<br>-6.28   | 53.52<br>4.59<br>-8.34   | 58.53<br>5.02<br>-8.33   | 76.99<br>6.22<br>-15.21  | 91.67<br>8.13<br>-12.19   | 97.99<br>9.83<br>-3.38    | 97.02<br>9.69<br>0.00   | 93.98<br>8.54<br>0.00    | 65.24<br>5.22<br>0.00    | 53.65<br>4.52<br>0.00    | 47.93<br>4.16<br>0.00   |
| EAST HAMPTON___GT<br>23717                 | 42.04<br>3.40<br>-0.01 | 35.67<br>2.47<br>-3.79  | 32.86<br>2.09<br>-3.24  | 32.36<br>2.11<br>-2.20  | 32.81<br>2.76<br>0.00  | 35.29<br>2.82<br>0.00   | 42.47<br>3.36<br>0.00    | 42.94<br>3.90<br>-0.04   | 39.06<br>3.45<br>0.00    | 36.86<br>3.53<br>-0.01   | 40.02<br>3.77<br>-0.01   | 43.18<br>4.55<br>-0.01   | 46.60<br>4.58<br>-2.50   | 52.18<br>4.46<br>-5.64   | 52.48<br>4.06<br>-7.84   | 56.44<br>4.61<br>-6.64   | 70.94<br>5.89<br>-9.49   | 87.75<br>7.56<br>-8.83    | 95.73<br>10.17<br>-0.78   | 97.44<br>10.12<br>0.00  | 94.05<br>8.62<br>0.00    | 68.97<br>5.64<br>-3.31   | 53.17<br>4.03<br>0.00    | 47.50<br>3.72<br>-0.01  |
| EAST RIVER___6<br>23660                    | 41.96<br>3.32<br>0.00  | 35.61<br>2.41<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.50<br>2.25<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00   | 41.73<br>2.62<br>0.00    | 42.00<br>2.96<br>-0.04   | 38.71<br>3.10<br>0.00    | 36.74<br>3.40<br>-0.01   | 39.89<br>3.62<br>-0.01   | 42.72<br>4.09<br>-0.01   | 46.87<br>4.74<br>-2.60   | 53.43<br>5.09<br>-6.26   | 63.32<br>4.87<br>-17.87  | 63.75<br>5.28<br>-13.28  | 91.07<br>6.55<br>-28.95  | 95.12<br>8.42<br>-15.36   | 100.80<br>10.17<br>-5.85  | 97.46<br>10.12<br>-0.01 | 94.24<br>8.80<br>-0.01   | 65.36<br>5.34<br>0.00    | 53.56<br>4.42<br>-0.01   | 47.58<br>3.81<br>0.00   |
| EAST RIVER___7<br>23524                    | 41.96<br>3.32<br>0.00  | 35.61<br>2.41<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.50<br>2.25<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00   | 41.73<br>2.62<br>0.00    | 42.00<br>2.96<br>-0.04   | 38.71<br>3.10<br>0.00    | 36.74<br>3.40<br>-0.01   | 39.89<br>3.62<br>-0.01   | 42.72<br>4.09<br>-0.01   | 46.87<br>4.74<br>-2.60   | 53.43<br>5.09<br>-6.26   | 63.32<br>4.87<br>-17.87  | 63.75<br>5.28<br>-13.28  | 91.07<br>6.55<br>-28.95  | 95.12<br>8.42<br>-15.36   | 100.80<br>10.17<br>-5.85  | 97.46<br>10.12<br>-0.01 | 94.24<br>8.80<br>-0.01   | 65.36<br>5.34<br>0.00    | 53.56<br>4.42<br>-0.01   | 47.58<br>3.81<br>0.00   |
| EASTVIEW_138_KV_38W32_REV_LBMP_I<br>345002 | 41.49<br>2.86<br>0.00  | 35.34<br>2.15<br>-3.79  | 32.78<br>2.01<br>-3.23  | 32.19<br>1.94<br>-2.20  | 32.03<br>1.98<br>0.00  | 34.51<br>2.05<br>0.00   | 41.61<br>2.50<br>0.00    | 41.77<br>2.77<br>0.00    | 38.35<br>2.74<br>0.00    | 36.26<br>2.93<br>0.00    | 39.44<br>3.19<br>0.00    | 42.16<br>3.55<br>0.00    | 46.23<br>4.11<br>-2.59   | 52.41<br>4.46<br>-5.87   | 52.97<br>4.22<br>-8.16   | 55.43<br>4.61<br>-5.64   | 66.80<br>5.72<br>-5.51   | 85.36<br>7.42<br>-6.59    | 92.62<br>9.07<br>1.23     | 96.31<br>8.99<br>0.00   | 93.37<br>7.94<br>0.00    | 64.70<br>4.68<br>0.00    | 52.92<br>3.78<br>0.00    | 47.06<br>3.28<br>0.00   |
| EAST_HAMPTON___DIESEL<br>23722             | 41.97<br>3.32<br>-0.01 | 35.61<br>2.41<br>-3.79  | 32.81<br>2.04<br>-3.24  | 32.33<br>2.08<br>-2.20  | 32.78<br>2.73<br>0.00  | 35.26<br>2.79<br>0.00   | 42.43<br>3.32<br>0.00    | 42.90<br>3.86<br>-0.04   | 39.06<br>3.45<br>0.00    | 36.83<br>3.50<br>-0.01   | 39.99<br>3.73<br>-0.01   | 43.14<br>4.52<br>-0.01   | 46.56<br>4.54<br>-2.50   | 52.18<br>4.46<br>-5.64   | 52.44<br>4.02<br>-7.84   | 56.39<br>4.56<br>-6.64   | 70.89<br>5.83<br>-9.49   | 87.68<br>7.49<br>-8.83    | 95.64<br>10.08<br>-0.78   | 97.35<br>10.04<br>0.00  | 93.97<br>8.54<br>0.00    | 68.91<br>5.58<br>-3.31   | 53.12<br>3.98<br>0.00    | 47.41<br>3.63<br>-0.01  |
| EAST_POINT___SOLAR<br>323840               | 40.91<br>2.28<br>0.00  | 36.11<br>1.88<br>-4.82  | 33.21<br>1.57<br>-4.11  | 32.51<br>1.66<br>-2.79  | 31.82<br>1.77<br>0.00  | 34.41<br>1.95<br>0.00   | 41.22<br>2.11<br>0.00    | 40.32<br>1.29<br>-0.04   | 35.86<br>0.25<br>0.00    | 33.09<br>-0.23<br>0.00   | 35.96<br>-0.29<br>0.00   | 38.11<br>-0.50<br>0.00   | 38.97<br>-0.55<br>0.00   | 41.62<br>-0.46<br>0.00   | 40.26<br>-0.33<br>0.00   | 45.23<br>0.05<br>0.00    | 56.23<br>0.67<br>0.00    | 72.85<br>1.50<br>0.00     | 90.04<br>5.26<br>0.00     | 94.91<br>7.59<br>0.00   | 93.55<br>8.12<br>0.00    | 65.24<br>5.22<br>0.00    | 53.11<br>3.98<br>0.00    | 46.97<br>3.19<br>0.00   |
| EAST_PULASKI___ESR<br>323781               | 38.17<br>-0.46<br>0.00 | 29.37<br>-0.35<br>-0.31 | 27.44<br>-0.36<br>-0.27 | 27.79<br>-0.45<br>-0.18 | 29.51<br>-0.54<br>0.00 | 31.95<br>-0.52<br>0.00  | 38.56<br>-0.55<br>0.00   | 38.42<br>-0.55<br>0.04   | 35.11<br>-0.50<br>0.00   | 32.86<br>-0.47<br>0.00   | 35.71<br>-0.54<br>0.00   | 38.03<br>-0.58<br>0.00   | 38.77<br>-0.75<br>0.00   | 42.23<br>-0.84<br>-0.98  | 39.81<br>-0.77<br>0.00   | 45.12<br>-0.81<br>-0.74  | 57.29<br>-0.78<br>-2.50  | 76.14<br>-0.85<br>-5.64   | 91.73<br>-0.34<br>-7.29   | 93.93<br>-0.09<br>-6.70 | 98.27<br>-0.17<br>-13.01 | 63.67<br>-0.54<br>-4.19  | 50.77<br>-0.64<br>-2.28  | 43.25<br>-0.52<br>0.00  |
| EAST_RIVER___1<br>323558                   | 41.88<br>3.25<br>0.00  | 35.55<br>2.35<br>-3.79  | 33.05<br>2.28<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.27<br>2.22<br>0.00  | 34.77<br>2.31<br>0.00   | 41.80<br>2.70<br>0.00    | 42.12<br>3.08<br>-0.04   | 38.71<br>3.10<br>0.00    | 36.74<br>3.40<br>-0.01   | 39.92<br>3.66<br>-0.01   | 42.68<br>4.05<br>-0.01   | 46.79<br>4.66<br>-2.60   | 53.39<br>5.05<br>-6.26   | 63.24<br>4.79<br>-17.87  | 63.71<br>5.24<br>-13.28  | 91.02<br>6.50<br>-28.95  | 95.05<br>8.34<br>-15.36   | 100.80<br>10.17<br>-5.85  | 97.46<br>10.12<br>-0.01 | 94.33<br>8.88<br>-0.01   | 65.36<br>5.34<br>0.00    | 53.51<br>4.37<br>-0.01   | 47.58<br>3.81<br>0.00   |
| EAST_RIVER___2<br>323559                   | 41.96<br>3.32<br>0.00  | 35.61<br>2.41<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.50<br>2.25<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00   | 41.73<br>2.62<br>0.00    | 42.00<br>2.96<br>-0.04   | 38.71<br>3.10<br>0.00    | 36.74<br>3.40<br>-0.01   | 39.89<br>3.62<br>-0.01   | 42.72<br>4.09<br>-0.01   | 46.87<br>4.74<br>-2.60   | 53.43<br>5.09<br>-6.26   | 63.32<br>4.87<br>-17.87  | 63.75<br>5.28<br>-13.28  | 91.07<br>6.55<br>-28.95  | 95.12<br>8.42<br>-15.36   | 100.80<br>10.17<br>-5.85  | 97.46<br>10.12<br>-0.01 | 94.24<br>8.80<br>-0.01   | 65.36<br>5.34<br>0.00    | 53.56<br>4.42<br>-0.01   | 47.58<br>3.81<br>0.00   |
| EAST___DELAWARE_HYD<br>23607               | 41.07<br>2.44<br>0.00  | 34.73<br>1.79<br>-3.52  | 32.25<br>1.71<br>-3.01  | 31.70<br>1.60<br>-2.04  | 31.61<br>1.56<br>0.00  | 34.12<br>1.65<br>0.00   | 41.02<br>1.92<br>0.00    | 41.27<br>2.22<br>-0.05   | 37.96<br>2.35<br>0.00    | 35.79<br>2.47<br>0.00    | 38.89<br>2.64<br>0.00    | 41.51<br>2.90<br>0.00    | 43.00<br>3.48<br>0.00    | 45.87<br>3.79<br>0.00    | 44.24<br>3.65<br>0.00    | 49.30<br>4.11<br>0.00    | 61.01<br>5.45<br>0.00    | 78.99<br>7.64<br>0.00     | 94.44<br>9.66<br>0.00     | 97.27<br>9.95<br>0.00   | 94.05<br>8.62<br>0.00    | 64.94<br>4.92<br>0.00    | 52.87<br>3.73<br>0.00    | 46.97<br>3.19<br>0.00   |
| EIGHT_POINT___WT_PWR<br>323820             | 37.05<br>-1.59<br>0.00 | 28.55<br>-1.71<br>-0.84 | 26.60<br>-1.65<br>-0.72 | 26.75<br>-1.80<br>-0.49 | 28.16<br>-1.89<br>0.00 | 30.83<br>-1.79<br>-0.15 | 67.22<br>-2.19<br>-30.30 | 69.89<br>-1.99<br>-32.88 | 63.93<br>-1.46<br>-29.78 | 50.62<br>-1.43<br>-18.73 | 57.68<br>-1.59<br>-23.03 | 57.75<br>-1.66<br>-20.79 | 64.15<br>-1.78<br>-26.40 | 80.47<br>-1.94<br>-40.32 | 65.23<br>-2.35<br>-27.00 | 76.28<br>-2.49<br>-33.58 | 95.06<br>-2.33<br>-41.83 | 106.70<br>-2.64<br>-37.98 | 150.43<br>-0.85<br>-66.50 | 87.67<br>-0.35<br>-0.69 | 85.35<br>-1.54<br>-1.46  | 71.04<br>-2.16<br>-13.18 | 62.57<br>-2.21<br>-15.65 | 41.45<br>-2.36<br>-0.04 |
| ELBRIDGE_115KV_TB2<br>80188                | 38.25<br>-0.39<br>0.00 | 29.57<br>-0.29<br>-0.45 | 27.62<br>-0.30<br>-0.38 | 27.99<br>-0.34<br>-0.26 | 29.66<br>-0.39<br>0.00 | 32.08<br>-0.39<br>0.00  | 38.68<br>-0.43<br>0.00   | 38.61<br>-0.35<br>0.03   | 35.29<br>-0.32<br>0.00   | 33.03<br>-0.30<br>0.00   | 35.92<br>-0.33<br>0.00   | 38.27<br>-0.35<br>0.00   | 39.09<br>-0.43<br>0.00   | 42.02<br>-0.46<br>-0.40  | 40.14<br>-0.45<br>0.00   | 44.82<br>-0.36<br>0.00   | 55.40<br>-0.17<br>0.00   | 71.28<br>-0.07<br>0.00    | 88.33<br>0.59<br>-2.96    | 90.83<br>0.79<br>-2.72  | 91.31<br>0.60<br>-5.29   | 59.90<br>-0.12<br>0.00   | 48.89<br>-0.25<br>0.00   | 43.56<br>-0.22<br>0.00  |
| ELEC_TRO_TEK<br>24086                      | 41.93<br>3.28<br>-0.02 | 35.67<br>2.47<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.39<br>2.13<br>-2.20  | 32.42<br>2.37<br>0.00  | 34.80<br>2.34<br>0.00   | 42.08<br>2.97<br>0.00    | 42.31<br>3.31<br>0.00    | 38.71<br>3.10<br>0.00    | 36.47<br>3.13<br>-0.01   | 39.59<br>3.33<br>-0.01   | 42.52<br>3.90<br>-0.01   | 46.25<br>4.23<br>-2.50   | 52.06<br>4.33<br>-5.64   | 52.44<br>4.02<br>-7.84   | 64.01<br>4.38<br>-14.44  | 97.26<br>5.56<br>-36.14  | 103.74<br>7.28<br>-25.11  | 107.84<br>9.58<br>-13.48  | 96.88<br>9.52<br>-0.04  | 93.84<br>8.37<br>-0.04   | 89.55<br>5.16<br>-24.36  | 53.11<br>3.98<br>0.00    | 47.51<br>3.72<br>-0.02  |
| ELLENBURG_WT_PWR<br>323604                 | 38.21<br>-0.42<br>0.00 | 29.06<br>-0.35<br>0.00  | 27.15<br>-0.39<br>0.00  | 27.67<br>-0.39<br>0.00  | 29.69<br>-0.36<br>0.00 | 32.11<br>-0.36<br>0.00  | 38.68<br>-0.43<br>0.00   | 38.49<br>-0.51<br>0.00   | 35.14<br>-0.46<br>0.00   | 32.89<br>-0.43<br>0.00   | 35.78<br>-0.47<br>0.00   | 38.15<br>-0.46<br>0.00   | 38.97<br>-0.55<br>0.00   | 41.45<br>-0.63<br>0.00   | 39.93<br>-0.65<br>0.00   | 44.46<br>-0.72<br>0.00   | 54.34<br>-1.22<br>0.00   | 69.50<br>-1.86<br>0.00    | 82.06<br>-2.72<br>0.00    | 84.35<br>-2.97<br>0.00  | 82.61<br>-2.82<br>0.00   | 58.34<br>-1.68<br>0.00   | 48.01<br>-1.13<br>0.00   | 42.77<br>-1.01<br>0.00  |

|                                      |                        |                         |                         |                         |                        |                        |                         |                         |                        |                        |                        |                        |                        |                         |                        |                         |                         |                         |                         |                         |                         |                        |                        |                        |
|--------------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| ELM_ST_23_KV_LD_REV_LBMP_A<br>345012 | 35.23<br>-3.40<br>0.00 | 26.79<br>-3.29<br>-0.67 | 25.11<br>-3.00<br>-0.57 | 25.14<br>-3.31<br>-0.39 | 26.41<br>-3.64<br>0.00 | 28.55<br>-3.77<br>0.15 | 23.58<br>-4.38<br>11.14 | 22.27<br>-3.86<br>12.87 | 23.53<br>-2.88<br>9.19 | 25.00<br>-2.53<br>5.79 | 26.38<br>-2.75<br>7.11 | 29.37<br>-2.82<br>6.43 | 28.40<br>-2.96<br>8.15 | 26.40<br>-3.28<br>12.40 | 28.96<br>-3.29<br>8.34 | 30.89<br>-3.43<br>10.86 | 39.16<br>-3.56<br>12.85 | 52.20<br>-4.92<br>14.23 | 64.50<br>-4.41<br>15.87 | 82.87<br>-4.45<br>0.00  | 79.42<br>-5.98<br>0.03  | 48.45<br>-4.92<br>6.65 | 39.44<br>-3.73<br>5.96 | 40.39<br>-3.37<br>0.01 |
| EMPIRE_CC_1<br>323656                | 39.83<br>1.20<br>0.00  | 34.77<br>1.15<br>-4.22  | 32.18<br>1.05<br>-3.60  | 31.60<br>1.09<br>-2.44  | 31.19<br>1.14<br>0.00  | 33.63<br>1.17<br>0.00  | 40.44<br>1.33<br>0.00   | 40.17<br>1.17<br>0.00   | 36.60<br>1.00<br>0.00  | 34.06<br>0.73<br>0.00  | 37.08<br>0.83<br>0.00  | 39.38<br>0.77<br>0.00  | 40.47<br>0.95<br>0.00  | 43.26<br>1.18<br>0.00   | 41.72<br>1.13<br>0.00  | 46.32<br>1.13<br>0.00   | 56.29<br>0.72<br>0.00   | 72.42<br>1.07<br>0.00   | 86.47<br>1.69<br>0.00   | 89.07<br>1.75<br>0.00   | 87.23<br>1.80<br>0.00   | 61.22<br>1.20<br>0.00  | 50.21<br>1.08<br>0.00  | 44.52<br>0.74<br>0.00  |
| EMPIRE_CC_2<br>323658                | 39.83<br>1.20<br>0.00  | 34.77<br>1.15<br>-4.22  | 32.18<br>1.05<br>-3.60  | 31.60<br>1.09<br>-2.44  | 31.19<br>1.14<br>0.00  | 33.63<br>1.17<br>0.00  | 40.44<br>1.33<br>0.00   | 40.17<br>1.17<br>0.00   | 36.60<br>1.00<br>0.00  | 34.06<br>0.73<br>0.00  | 37.08<br>0.83<br>0.00  | 39.38<br>0.77<br>0.00  | 40.47<br>0.95<br>0.00  | 43.26<br>1.18<br>0.00   | 41.72<br>1.13<br>0.00  | 46.32<br>1.13<br>0.00   | 56.29<br>0.72<br>0.00   | 72.42<br>1.07<br>0.00   | 86.47<br>1.69<br>0.00   | 89.07<br>1.75<br>0.00   | 87.23<br>1.80<br>0.00   | 61.22<br>1.20<br>0.00  | 50.21<br>1.08<br>0.00  | 44.52<br>0.74<br>0.00  |
| ENORWICH_115KV_TB1<br>80156          | 40.72<br>2.09<br>0.00  | 32.29<br>1.41<br>-1.46  | 30.02<br>1.24<br>-1.25  | 30.03<br>1.12<br>-0.85  | 31.13<br>1.08<br>0.00  | 33.97<br>1.49<br>-0.01 | 42.17<br>1.64<br>-1.42  | 42.43<br>1.75<br>-1.67  | 38.34<br>1.50<br>-1.23 | 35.30<br>1.20<br>-0.77 | 38.40<br>1.20<br>-0.95 | 40.75<br>1.27<br>-0.86 | 41.92<br>1.30<br>-1.09 | 45.15<br>1.26<br>-1.81  | 42.92<br>1.22<br>-1.12 | 48.07<br>1.58<br>-1.30  | 60.49<br>3.45<br>-1.48  | 77.21<br>4.92<br>-0.94  | 97.38<br>8.56<br>-4.04  | 97.82<br>9.52<br>-0.98  | 96.22<br>8.88<br>-1.91  | 65.12<br>5.04<br>-0.06 | 52.90<br>3.39<br>-0.37 | 46.49<br>2.71<br>0.00  |
| ERIE_ST__34_KV_TB1-2<br>80199        | 35.19<br>-3.44<br>0.00 | 26.61<br>-3.50<br>-0.69 | 24.88<br>-3.25<br>-0.59 | 24.93<br>-3.54<br>-0.40 | 26.38<br>-3.67<br>0.00 | 28.85<br>-3.47<br>0.14 | 25.10<br>-4.50<br>9.51  | 24.07<br>-3.67<br>11.26 | 25.48<br>-1.78<br>8.35 | 26.57<br>-1.50<br>5.26 | 28.16<br>-1.63<br>6.46 | 31.16<br>-1.62<br>5.83 | 30.42<br>-1.70<br>7.40 | 28.84<br>-1.98<br>11.27 | 31.03<br>-1.99<br>7.57 | 33.35<br>-1.94<br>9.89  | 44.69<br>-1.61<br>9.26  | 57.18<br>-2.93<br>11.25 | 67.48<br>-2.03<br>15.26 | 84.09<br>-3.23<br>0.00  | 80.70<br>-4.70<br>0.03  | 51.06<br>-3.18<br>5.78 | 42.69<br>-2.11<br>4.33 | 40.48<br>-3.28<br>0.01 |
| ERIE_WT_PWR<br>323693                | 35.39<br>-3.25<br>0.00 | 26.86<br>-3.24<br>-0.69 | 25.12<br>-3.00<br>-0.59 | 25.15<br>-3.31<br>-0.40 | 26.47<br>-3.58<br>0.00 | 28.68<br>-3.64<br>0.15 | 24.09<br>-4.30<br>10.71 | 23.24<br>-3.78<br>11.98 | 24.00<br>-2.53<br>9.08 | 25.31<br>-2.30<br>5.72 | 26.76<br>-2.47<br>7.02 | 29.76<br>-2.51<br>6.34 | 28.86<br>-2.61<br>8.05 | 26.88<br>-2.95<br>12.25 | 29.39<br>-2.96<br>8.23 | 31.39<br>-3.07<br>10.72 | 39.97<br>-3.06<br>12.54 | 53.14<br>-4.28<br>13.94 | 64.92<br>-3.73<br>16.13 | 83.48<br>-3.84<br>0.00  | 80.02<br>-5.38<br>0.03  | 49.35<br>-4.14<br>6.53 | 40.09<br>-3.29<br>5.75 | 40.57<br>-3.19<br>0.01 |
| ESPRGFLD_115KV_TB1<br>80157          | 40.26<br>1.62<br>0.00  | 30.93<br>1.24<br>-0.29  | 28.82<br>1.05<br>-0.24  | 29.24<br>1.01<br>-0.17  | 31.10<br>1.05<br>0.00  | 33.70<br>1.23<br>0.00  | 40.59<br>1.49<br>0.00   | 40.40<br>1.36<br>-0.03  | 36.61<br>1.00<br>0.00  | 34.13<br>0.80<br>0.00  | 37.12<br>0.87<br>0.00  | 39.50<br>0.89<br>0.00  | 40.47<br>0.95<br>0.00  | 43.09<br>1.01<br>0.00   | 41.56<br>0.97<br>0.00  | 46.50<br>1.31<br>0.00   | 57.79<br>2.22<br>0.00   | 74.49<br>3.14<br>0.00   | 90.29<br>5.51<br>0.00   | 93.78<br>6.46<br>0.00   | 91.67<br>6.24<br>0.00   | 63.80<br>3.78<br>0.00  | 52.03<br>2.90<br>0.00  | 46.14<br>2.36<br>0.00  |
| ETNA_115_KV_TB1_REV_LBMP_C<br>345029 | 39.10<br>0.46<br>0.00  | 30.61<br>0.26<br>-0.94  | 28.53<br>0.19<br>-0.80  | 28.75<br>0.14<br>-0.54  | 30.20<br>0.15<br>0.00  | 32.74<br>0.26<br>-0.02 | 42.03<br>0.35<br>-2.57  | 42.32<br>0.43<br>-2.89  | 38.27<br>0.43<br>-2.23 | 35.06<br>0.33<br>-1.40 | 38.19<br>0.22<br>-1.73 | 40.44<br>0.27<br>-1.56 | 41.70<br>0.20<br>-1.98 | 45.52<br>0.21<br>-3.23  | 42.81<br>0.20<br>-2.02 | 48.06<br>0.45<br>-2.43  | 59.59<br>1.17<br>-2.86  | 75.38<br>1.86<br>-2.17  | 95.06<br>3.56<br>-6.72  | 92.69<br>3.93<br>-1.44  | 91.91<br>3.67<br>-2.81  | 62.41<br>1.92<br>-0.47 | 51.29<br>1.28<br>-0.88 | 44.70<br>0.92<br>0.00  |
| ETNA____115KV_TB2<br>80207           | 39.10<br>0.46<br>0.00  | 30.61<br>0.26<br>-0.94  | 28.53<br>0.19<br>-0.80  | 28.75<br>0.14<br>-0.54  | 30.20<br>0.15<br>0.00  | 32.74<br>0.26<br>-0.02 | 42.03<br>0.35<br>-2.57  | 42.32<br>0.43<br>-2.89  | 38.27<br>0.43<br>-2.23 | 35.06<br>0.33<br>-1.40 | 38.19<br>0.22<br>-1.73 | 40.44<br>0.27<br>-1.56 | 41.70<br>0.20<br>-1.98 | 45.52<br>0.21<br>-3.23  | 42.81<br>0.20<br>-2.02 | 48.06<br>0.45<br>-2.43  | 59.59<br>1.17<br>-2.86  | 75.38<br>1.86<br>-2.17  | 95.06<br>3.56<br>-6.72  | 92.69<br>3.93<br>-1.44  | 91.91<br>3.67<br>-2.81  | 62.41<br>1.92<br>-0.47 | 51.29<br>1.28<br>-0.88 | 44.70<br>0.92<br>0.00  |
| EUCLID___115KV_TB2<br>356179         | 38.05<br>-0.58<br>0.00 | 29.33<br>-0.44<br>-0.36 | 27.40<br>-0.44<br>-0.30 | 27.79<br>-0.48<br>-0.21 | 29.51<br>-0.54<br>0.00 | 31.88<br>-0.58<br>0.00 | 38.48<br>-0.63<br>0.00  | 38.41<br>-0.58<br>0.00  | 35.07<br>-0.53<br>0.00 | 32.86<br>-0.47<br>0.00 | 35.70<br>-0.54<br>0.00 | 38.07<br>-0.54<br>0.00 | 38.85<br>-0.67<br>0.00 | 41.54<br>-0.72<br>-0.17 | 39.89<br>-0.69<br>0.00 | 44.23<br>-0.68<br>0.27  | 54.04<br>-0.61<br>0.92  | 68.56<br>-0.71<br>2.08  | 85.77<br>-0.25<br>-1.25 | 88.38<br>-0.09<br>-1.15 | 87.40<br>-0.26<br>-2.23 | 57.88<br>-0.60<br>1.54 | 47.66<br>-0.64<br>0.84 | 43.25<br>-0.53<br>0.00 |
| E_CANADA_CAP_HY<br>24051             | 40.53<br>1.89<br>0.00  | 35.96<br>1.53<br>-5.02  | 33.11<br>1.29<br>-4.29  | 32.32<br>1.35<br>-2.91  | 31.46<br>1.41<br>0.00  | 34.02<br>1.56<br>0.00  | 40.87<br>1.76<br>0.00   | 40.41<br>1.36<br>-0.04  | 36.28<br>0.67<br>0.00  | 33.63<br>0.30<br>0.00  | 36.54<br>0.29<br>0.00  | 38.73<br>0.12<br>0.00  | 39.60<br>0.08<br>0.00  | 42.25<br>0.17<br>0.00   | 40.83<br>0.24<br>0.00  | 45.73<br>0.54<br>0.00   | 56.68<br>1.11<br>0.00   | 73.49<br>2.14<br>0.00   | 89.69<br>4.92<br>0.00   | 93.61<br>6.29<br>0.00   | 91.84<br>6.41<br>0.00   | 64.04<br>4.02<br>0.00  | 52.43<br>3.29<br>0.00  | 46.44<br>2.67<br>0.00  |
| E_CANADA_MHWK_HY<br>24050            | 39.68<br>1.04<br>0.00  | 30.06<br>0.65<br>0.00   | 27.95<br>0.41<br>0.00   | 28.26<br>0.20<br>0.00   | 30.11<br>0.06<br>0.00  | 32.53<br>0.07<br>0.00  | 39.15<br>0.04<br>0.00   | 39.08<br>0.08<br>0.00   | 35.82<br>0.21<br>0.00  | 33.76<br>0.43<br>0.00  | 36.90<br>0.65<br>0.00  | 39.38<br>0.77<br>0.00  | 40.19<br>0.67<br>0.00  | 42.80<br>0.71<br>0.00   | 41.23<br>0.65<br>0.00  | 45.86<br>0.68<br>0.00   | 56.57<br>1.00<br>0.00   | 72.56<br>1.21<br>0.00   | 86.81<br>2.03<br>0.00   | 89.68<br>2.36<br>0.00   | 87.31<br>1.88<br>0.00   | 60.80<br>0.78<br>0.00  | 50.06<br>0.93<br>0.00  | 44.56<br>0.79<br>0.00  |
| E_FISHKILL___LBMP<br>23776           | 41.07<br>2.43<br>0.00  | 35.08<br>1.82<br>-3.85  | 32.56<br>1.73<br>-3.29  | 31.98<br>1.68<br>-2.23  | 31.76<br>1.71<br>0.00  | 34.22<br>1.75<br>0.00  | 41.22<br>2.11<br>0.00   | 41.34<br>2.34<br>0.00   | 37.89<br>2.28<br>0.00  | 35.76<br>2.43<br>0.00  | 38.86<br>2.61<br>0.00  | 41.51<br>2.90<br>0.00  | 42.92<br>3.40<br>0.00  | 45.79<br>3.70<br>0.00   | 44.08<br>3.49<br>0.00  | 49.22<br>3.80<br>-0.24  | 60.99<br>4.61<br>-0.81  | 77.90<br>6.06<br>-0.48  | 92.61<br>7.46<br>-0.37  | 94.74<br>7.42<br>0.00   | 92.01<br>6.58<br>0.00   | 63.86<br>3.84<br>0.00  | 52.28<br>3.14<br>0.00  | 46.49<br>2.71<br>0.00  |
| FALCON___SEABRD_CC1<br>323796        | 38.59<br>-0.04<br>0.00 | 29.38<br>-0.03<br>0.00  | 27.42<br>-0.11<br>0.00  | 27.95<br>-0.11<br>0.00  | 30.02<br>-0.03<br>0.00 | 32.47<br>0.00<br>0.00  | 39.11<br>0.00<br>0.00   | 38.92<br>-0.08<br>0.00  | 35.57<br>-0.04<br>0.00 | 33.26<br>-0.07<br>0.00 | 36.21<br>-0.04<br>0.00 | 38.57<br>-0.04<br>0.00 | 39.40<br>-0.12<br>0.00 | 41.92<br>-0.17<br>0.00  | 40.38<br>-0.20<br>0.00 | 44.96<br>-0.22<br>0.00  | 54.62<br>-0.94<br>0.00  | 69.57<br>-1.78<br>0.00  | 82.15<br>-2.63<br>0.00  | 84.52<br>-2.80<br>0.00  | 82.78<br>-2.65<br>0.00  | 58.52<br>-1.50<br>0.00 | 48.55<br>-0.59<br>0.00 | 43.20<br>-0.57<br>0.00 |
| FALCON___SEABRD_CC2<br>323797        | 38.59<br>-0.04<br>0.00 | 29.38<br>-0.03<br>0.00  | 27.42<br>-0.11<br>0.00  | 27.95<br>-0.11<br>0.00  | 30.02<br>-0.03<br>0.00 | 32.47<br>0.00<br>0.00  | 39.11<br>0.00<br>0.00   | 38.92<br>-0.08<br>0.00  | 35.57<br>-0.04<br>0.00 | 33.26<br>-0.07<br>0.00 | 36.21<br>-0.04<br>0.00 | 38.57<br>-0.04<br>0.00 | 39.40<br>-0.12<br>0.00 | 41.92<br>-0.17<br>0.00  | 40.38<br>-0.20<br>0.00 | 44.96<br>-0.22<br>0.00  | 54.62<br>-0.94<br>0.00  | 69.57<br>-1.78<br>0.00  | 82.15<br>-2.63<br>0.00  | 84.52<br>-2.80<br>0.00  | 82.78<br>-2.65<br>0.00  | 58.52<br>-1.50<br>0.00 | 48.55<br>-0.59<br>0.00 | 43.20<br>-0.57<br>0.00 |

|  |                        |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                          |                          |                           |                         |                         |                          |                        |                        |
|--|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------|--------------------------|------------------------|------------------------|
| FAR ROCKAWAY___4<br>23548                  | 42.51<br>3.86<br>-0.02 | 36.05<br>2.85<br>-3.79  | 33.36<br>2.59<br>-3.24  | 32.76<br>2.50<br>-2.20  | 32.81<br>2.76<br>0.00  | 35.23<br>2.76<br>0.00  | 42.59<br>3.48<br>0.00  | 42.82<br>3.82<br>0.00  | 39.13<br>3.53<br>0.00  | 36.90<br>3.57<br>-0.01 | 40.06<br>3.81<br>-0.01 | 43.10<br>4.48<br>-0.01 | 46.84<br>4.82<br>-2.50 | 52.73<br>5.01<br>-5.64  | 53.09<br>4.67<br>-7.84  | 81.11<br>5.15<br>-30.78 | 154.14<br>6.61<br>-91.96 | 139.19<br>8.63<br>-59.21 | 136.14<br>11.28<br>-40.08 | 98.63<br>11.18<br>-0.14 | 95.65<br>10.08<br>-0.14 | 123.31<br>6.30<br>-56.99 | 53.95<br>4.82<br>0.00  | 48.17<br>4.38<br>-0.02 |
| FARRAGUT_138_KV_32071_REV_LBMP_J<br>345003 | 41.92<br>3.28<br>0.00  | 35.79<br>2.59<br>-3.79  | 33.06<br>2.29<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.27<br>2.22<br>0.00  | 34.77<br>2.31<br>0.00  | 41.92<br>2.82<br>0.00  | 42.16<br>3.16<br>0.00  | 38.74<br>3.13<br>0.00  | 36.73<br>3.40<br>-0.01 | 39.92<br>3.66<br>-0.01 | 42.68<br>4.05<br>-0.01 | 46.79<br>4.66<br>-2.61 | 53.40<br>5.05<br>-6.26  | 63.24<br>4.79<br>-17.87 | 63.71<br>5.24<br>-13.28 | 91.02<br>6.50<br>-28.95  | 95.08<br>8.42<br>-15.30  | 100.76<br>10.17<br>-5.81  | 97.55<br>10.22<br>-0.01 | 94.41<br>8.97<br>-0.01  | 65.42<br>5.40<br>0.00    | 53.51<br>4.37<br>0.00  | 47.58<br>3.81<br>0.00  |
| FARRAGUT_138_KV_38B01_REV_LBMP_J<br>345016 | 41.92<br>3.28<br>0.00  | 35.61<br>2.41<br>-3.79  | 33.06<br>2.29<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.27<br>2.22<br>0.00  | 34.77<br>2.31<br>0.00  | 41.92<br>2.82<br>0.00  | 42.16<br>3.16<br>0.00  | 38.74<br>3.13<br>0.00  | 36.73<br>3.40<br>-0.01 | 39.92<br>3.66<br>-0.01 | 42.68<br>4.05<br>-0.01 | 46.79<br>4.66<br>-2.61 | 53.40<br>5.05<br>-6.26  | 63.20<br>4.75<br>-17.87 | 63.66<br>5.20<br>-13.28 | 91.02<br>6.50<br>-28.95  | 95.00<br>8.35<br>-15.30  | 100.76<br>10.17<br>-5.81  | 97.55<br>10.22<br>-0.01 | 94.41<br>8.97<br>-0.01  | 65.42<br>5.40<br>0.00    | 53.51<br>4.37<br>0.00  | 47.58<br>3.81<br>0.00  |
| FARRAGUT_138_KV_38M12_REV_LBMP_J<br>345017 | 41.88<br>3.25<br>0.00  | 35.61<br>2.41<br>-3.79  | 33.03<br>2.26<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.27<br>2.22<br>0.00  | 34.77<br>2.31<br>0.00  | 41.92<br>2.82<br>0.00  | 42.16<br>3.16<br>0.00  | 38.74<br>3.13<br>0.00  | 36.70<br>3.37<br>-0.01 | 39.92<br>3.66<br>-0.01 | 42.68<br>4.05<br>-0.01 | 46.79<br>4.66<br>-2.61 | 53.40<br>5.05<br>-6.26  | 63.20<br>4.75<br>-17.87 | 63.66<br>5.20<br>-13.28 | 90.96<br>6.45<br>-28.95  | 95.00<br>8.35<br>-15.30  | 100.68<br>10.09<br>-5.81  | 97.46<br>10.13<br>-0.01 | 94.41<br>8.97<br>-0.01  | 65.36<br>5.34<br>0.00    | 53.51<br>4.37<br>0.00  | 47.54<br>3.76<br>0.00  |
| FARRAGUT___LBMP<br>323566                  | 41.84<br>3.21<br>0.00  | 35.58<br>2.38<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00  | 41.89<br>2.78<br>0.00  | 42.12<br>3.12<br>0.00  | 38.71<br>3.10<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.75<br>4.62<br>-2.61 | 53.31<br>4.97<br>-6.26  | 63.16<br>4.71<br>-17.87 | 63.62<br>5.15<br>-13.28 | 90.91<br>6.39<br>-28.95  | 94.93<br>8.28<br>-15.30  | 100.59<br>10.00<br>-5.81  | 97.37<br>10.04<br>-0.01 | 94.24<br>8.80<br>-0.01  | 65.30<br>5.28<br>0.00    | 53.46<br>4.32<br>0.00  | 47.50<br>3.72<br>0.00  |
| FARRCKWY_69_KV_BK2<br>55825                | 42.51<br>3.86<br>-0.02 | 36.05<br>2.85<br>-3.79  | 33.36<br>2.59<br>-3.24  | 32.76<br>2.50<br>-2.20  | 32.81<br>2.76<br>0.00  | 35.23<br>2.76<br>0.00  | 42.59<br>3.48<br>0.00  | 42.82<br>3.82<br>0.00  | 39.13<br>3.53<br>0.00  | 36.90<br>3.57<br>-0.01 | 40.06<br>3.81<br>-0.01 | 43.10<br>4.48<br>-0.01 | 46.84<br>4.82<br>-2.50 | 52.73<br>5.01<br>-5.64  | 53.09<br>4.67<br>-7.84  | 81.11<br>5.15<br>-30.78 | 154.14<br>6.61<br>-91.96 | 139.19<br>8.63<br>-59.21 | 136.14<br>11.28<br>-40.08 | 98.63<br>11.18<br>-0.14 | 95.65<br>10.08<br>-0.14 | 123.31<br>6.30<br>-56.99 | 53.95<br>4.82<br>0.00  | 48.17<br>4.38<br>-0.02 |
| FENNER___WINDPWR<br>24204                  | 39.13<br>0.50<br>0.00  | 30.27<br>0.35<br>-0.51  | 28.27<br>0.30<br>-0.43  | 28.58<br>0.22<br>-0.29  | 30.26<br>0.21<br>0.00  | 32.79<br>0.32<br>0.00  | 39.46<br>0.35<br>0.00  | 39.34<br>0.39<br>0.05  | 35.93<br>0.32<br>0.00  | 33.56<br>0.23<br>0.00  | 36.47<br>0.22<br>0.00  | 38.85<br>0.23<br>0.00  | 39.76<br>0.24<br>0.00  | 42.46<br>0.21<br>-0.16  | 40.83<br>0.24<br>0.00   | 45.48<br>0.41<br>0.11   | 56.18<br>1.00<br>0.39    | 71.90<br>1.43<br>0.88    | 89.03<br>3.05<br>-1.20    | 91.92<br>3.50<br>-1.10  | 90.90<br>3.33<br>-2.15  | 61.23<br>1.86<br>0.65    | 50.01<br>1.23<br>0.35  | 44.78<br>1.01<br>0.00  |
| FIBERTEK___ENERGY<br>23856                 | 38.44<br>-0.19<br>0.00 | 29.72<br>-0.12<br>-0.43 | 27.73<br>-0.17<br>-0.36 | 28.11<br>-0.20<br>-0.25 | 29.81<br>-0.24<br>0.00 | 32.24<br>-0.23<br>0.00 | 38.91<br>-0.20<br>0.00 | 38.84<br>-0.16<br>0.00 | 35.50<br>-0.11<br>0.00 | 33.23<br>-0.10<br>0.00 | 36.14<br>-0.11<br>0.00 | 38.54<br>-0.08<br>0.00 | 39.36<br>-0.16<br>0.00 | 42.29<br>-0.17<br>-0.38 | 40.46<br>-0.12<br>0.00  | 45.14<br>-0.05<br>0.00  | 55.79<br>0.22<br>0.00    | 71.78<br>0.43<br>0.00    | 88.76<br>1.19<br>-2.80    | 91.20<br>1.31<br>-2.57  | 91.62<br>1.20<br>-5.00  | 60.32<br>0.30<br>0.00    | 49.18<br>0.05<br>0.00  | 43.82<br>0.04<br>0.00  |
| FITZPATRICK___<br>23598                    | 37.59<br>-1.04<br>0.00 | 28.90<br>-0.76<br>-0.25 | 27.03<br>-0.72<br>-0.22 | 27.42<br>-0.79<br>-0.15 | 29.18<br>-0.87<br>0.00 | 31.52<br>-0.94<br>0.00 | 38.05<br>-1.05<br>0.00 | 37.95<br>-1.05<br>0.00 | 34.65<br>-0.96<br>0.00 | 32.43<br>-0.90<br>0.00 | 35.23<br>-1.01<br>0.00 | 37.53<br>-1.08<br>0.00 | 38.26<br>-1.27<br>0.00 | 38.60<br>-1.43<br>2.05  | 39.28<br>-1.30<br>0.00  | 43.78<br>-1.40<br>0.00  | 54.01<br>-1.56<br>0.00   | 69.36<br>-2.00<br>0.00   | 67.70<br>-1.87<br>15.21   | 71.50<br>-1.84<br>13.98 | 56.38<br>-1.88<br>27.17 | 58.34<br>-1.68<br>0.00   | 47.66<br>-1.47<br>0.00 | 42.55<br>-1.23<br>0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G<br>345010 | 41.49<br>2.86<br>0.00  | 35.37<br>2.15<br>-3.81  | 32.80<br>2.01<br>-3.25  | 32.21<br>1.94<br>-2.21  | 32.00<br>1.95<br>0.00  | 34.48<br>2.01<br>0.00  | 41.57<br>2.46<br>0.00  | 41.69<br>2.69<br>0.00  | 38.42<br>2.81<br>0.00  | 36.26<br>2.93<br>0.00  | 39.40<br>3.15<br>0.00  | 42.09<br>3.48<br>0.00  | 44.34<br>4.15<br>-0.67 | 48.14<br>4.55<br>-1.51  | 47.06<br>4.38<br>-2.09  | 51.91<br>4.93<br>-1.80  | 64.47<br>6.28<br>-2.63   | 82.18<br>8.42<br>-2.41   | 95.37<br>10.34<br>-0.25   | 97.71<br>10.39<br>0.00  | 94.57<br>9.14<br>0.00   | 65.42<br>5.40<br>0.00    | 53.31<br>4.18<br>0.00  | 47.36<br>3.59<br>0.00  |
| FORT ORANGE___<br>23900                    | 39.71<br>1.08<br>0.00  | 34.82<br>1.09<br>-4.32  | 32.21<br>0.99<br>-3.69  | 31.57<br>1.01<br>-2.50  | 31.13<br>1.08<br>0.00  | 33.54<br>1.07<br>0.00  | 40.36<br>1.25<br>0.00  | 40.17<br>1.17<br>0.00  | 36.43<br>0.82<br>0.00  | 33.96<br>0.63<br>0.00  | 36.94<br>0.69<br>0.00  | 39.27<br>0.66<br>0.00  | 40.35<br>0.83<br>0.00  | 43.14<br>1.05<br>0.00   | 41.60<br>1.02<br>0.00   | 46.32<br>1.13<br>0.00   | 56.73<br>1.17<br>0.00    | 73.20<br>1.85<br>0.00    | 87.57<br>2.79<br>0.00     | 90.20<br>2.88<br>0.00   | 88.16<br>2.73<br>0.00   | 61.70<br>1.68<br>0.00    | 50.46<br>1.33<br>0.00  | 44.82<br>1.05<br>0.00  |
| FORT_DRUM_COGEN<br>23780                   | 38.59<br>-0.04<br>0.00 | 29.58<br>-0.06<br>-0.23 | 27.62<br>-0.11<br>-0.19 | 27.86<br>-0.34<br>-0.13 | 29.51<br>-0.54<br>0.00 | 32.11<br>-0.36<br>0.00 | 38.52<br>-0.59<br>0.00 | 38.14<br>-0.86<br>0.00 | 34.43<br>-1.18<br>0.00 | 31.83<br>-1.50<br>0.00 | 34.47<br>-1.78<br>0.00 | 36.68<br>-1.93<br>0.00 | 37.55<br>-1.98<br>0.00 | 40.11<br>-2.19<br>-0.21 | 38.64<br>-1.95<br>0.00  | 43.20<br>-1.99<br>0.00  | 54.18<br>-1.39<br>0.00   | 70.07<br>-1.28<br>0.00   | 89.05<br>2.71<br>-1.56    | 93.12<br>4.37<br>-1.44  | 92.66<br>4.44<br>-2.79  | 62.18<br>2.16<br>0.00    | 50.31<br>1.18<br>0.00  | 44.69<br>0.92<br>0.00  |
| FOX_HILLS___ESR<br>323835                  | 42.08<br>3.44<br>-0.01 | 35.80<br>2.59<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.71<br>2.44<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.04<br>2.56<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.89<br>3.27<br>-0.01 | 36.92<br>3.57<br>-0.02 | 40.08<br>3.81<br>-0.02 | 42.81<br>4.17<br>-0.02 | 46.83<br>4.70<br>-2.61 | 53.07<br>4.71<br>-6.27  | 62.91<br>4.46<br>-17.86 | 63.56<br>5.10<br>-13.27 | 90.84<br>6.33<br>-28.94  | 94.85<br>8.20<br>-15.29  | 100.66<br>10.08<br>-5.80  | 97.37<br>10.04<br>-0.01 | 94.07<br>8.62<br>-0.01  | 65.30<br>5.28<br>0.00    | 53.72<br>4.57<br>-0.01 | 47.81<br>4.02<br>-0.01 |
| FPL_FAR_ROCK_GT1<br>24212                  | 42.48<br>3.83<br>-0.02 | 36.00<br>2.80<br>-3.80  | 33.36<br>2.59<br>-3.24  | 32.76<br>2.50<br>-2.20  | 32.81<br>2.76<br>0.00  | 35.23<br>2.76<br>0.00  | 42.40<br>3.29<br>0.00  | 42.79<br>3.74<br>-0.04 | 39.14<br>3.53<br>0.00  | 36.91<br>3.57<br>-0.01 | 40.07<br>3.81<br>-0.01 | 43.10<br>4.48<br>-0.01 | 46.84<br>4.82<br>-2.50 | 52.78<br>5.05<br>-5.65  | 53.09<br>4.67<br>-7.84  | 81.11<br>5.15<br>-30.78 | 154.13<br>6.61<br>-91.96 | 139.19<br>8.63<br>-59.21 | 136.14<br>11.28<br>-40.08 | 98.64<br>11.18<br>-0.14 | 95.38<br>9.82<br>-0.14  | 123.25<br>6.24<br>-56.99 | 53.96<br>4.82<br>-0.01 | 48.17<br>4.38<br>-0.02 |
| FPL_FAR_ROCK_GT2<br>23815                  | 42.48<br>3.83<br>-0.02 | 36.00<br>2.80<br>-3.80  | 33.36<br>2.59<br>-3.24  | 32.76<br>2.50<br>-2.20  | 32.81<br>2.76<br>0.00  | 35.23<br>2.76<br>0.00  | 42.40<br>3.29<br>0.00  | 42.79<br>3.74<br>-0.04 | 39.14<br>3.53<br>0.00  | 36.91<br>3.57<br>-0.01 | 40.07<br>3.81<br>-0.01 | 43.10<br>4.48<br>-0.01 | 46.84<br>4.82<br>-2.50 | 52.78<br>5.05<br>-5.65  | 53.09<br>4.67<br>-7.84  | 81.11<br>5.15<br>-30.78 | 154.13<br>6.61<br>-91.96 | 139.19<br>8.63<br>-59.21 | 136.14<br>11.28<br>-40.08 | 98.64<br>11.18<br>-0.14 | 95.38<br>9.82<br>-0.14  | 123.25<br>6.24<br>-56.99 | 53.96<br>4.82<br>-0.01 | 48.17<br>4.38<br>-0.02 |



|                               |                        |                         |                         |                         |                        |                        |                         |                         |                        |                        |                        |                        |                        |                         |                         |                         |                         |                          |                           |                         |                         |                         |                         |                        |
|-------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| FRANKLIN_FALL_HYD<br>24054    | 38.21<br>-0.42<br>0.00 | 29.09<br>-0.32<br>0.00  | 27.15<br>-0.39<br>0.00  | 27.67<br>-0.39<br>0.00  | 29.78<br>-0.27<br>0.00 | 32.24<br>-0.23<br>0.00 | 38.76<br>-0.35<br>0.00  | 38.41<br>-0.58<br>0.00  | 35.07<br>-0.53<br>0.00 | 32.73<br>-0.60<br>0.00 | 35.56<br>-0.69<br>0.00 | 37.92<br>-0.70<br>0.00 | 38.69<br>-0.83<br>0.00 | 41.16<br>-0.93<br>0.00  | 39.61<br>-0.97<br>0.00  | 44.15<br>-1.04<br>0.00  | 54.12<br>-1.44<br>0.00  | 69.35<br>-2.00<br>0.00   | 82.40<br>-2.37<br>0.00    | 85.05<br>-2.27<br>0.00  | 83.38<br>-2.05<br>0.00  | 58.70<br>-1.32<br>0.00  | 48.20<br>-0.93<br>0.00  | 42.90<br>-0.88<br>0.00 |
| FREEPORT_EQUS_GT1<br>23764    | 42.32<br>3.67<br>-0.01 | 35.88<br>2.68<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.64<br>2.38<br>-2.20  | 32.69<br>2.64<br>0.00  | 35.13<br>2.66<br>0.00  | 42.28<br>3.17<br>0.00   | 42.67<br>3.63<br>-0.04  | 38.99<br>3.38<br>0.00  | 36.77<br>3.43<br>-0.01 | 39.92<br>3.66<br>-0.01 | 42.91<br>4.29<br>-0.01 | 46.64<br>4.62<br>-2.50 | 52.44<br>4.71<br>-5.64  | 52.77<br>4.34<br>-7.84  | 64.49<br>4.61<br>-14.69 | 98.44<br>5.89<br>-36.99 | 104.69<br>7.71<br>-25.63 | 108.92<br>10.25<br>-13.89 | 97.58<br>10.21<br>-0.04 | 94.27<br>8.80<br>-0.04  | 87.46<br>5.82<br>-21.62 | 53.66<br>4.52<br>-0.01  | 47.99<br>4.20<br>-0.01 |
| FREEPORT___CT2<br>23818       | 42.32<br>3.67<br>-0.01 | 35.88<br>2.68<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.64<br>2.38<br>-2.20  | 32.69<br>2.64<br>0.00  | 35.13<br>2.66<br>0.00  | 42.28<br>3.17<br>0.00   | 42.67<br>3.63<br>-0.04  | 38.99<br>3.38<br>0.00  | 36.77<br>3.43<br>-0.01 | 39.92<br>3.66<br>-0.01 | 42.91<br>4.29<br>-0.01 | 46.64<br>4.62<br>-2.50 | 52.44<br>4.71<br>-5.64  | 52.77<br>4.34<br>-7.84  | 64.49<br>4.61<br>-14.69 | 98.44<br>5.89<br>-36.99 | 104.69<br>7.71<br>-25.63 | 108.92<br>10.25<br>-13.89 | 97.58<br>10.21<br>-0.04 | 94.27<br>8.80<br>-0.04  | 87.46<br>5.82<br>-21.62 | 53.66<br>4.52<br>-0.01  | 47.99<br>4.20<br>-0.01 |
| FRESHKLS_33_KV_LOAD<br>356253 | 42.23<br>3.59<br>-0.01 | 35.88<br>2.68<br>-3.80  | 33.40<br>2.62<br>-3.25  | 32.82<br>2.55<br>-2.21  | 32.67<br>2.61<br>-0.01 | 35.17<br>2.69<br>-0.01 | 42.17<br>3.05<br>-0.01  | 42.44<br>3.39<br>-0.05  | 39.04<br>3.42<br>-0.01 | 37.01<br>3.67<br>-0.02 | 40.19<br>3.92<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.87<br>4.74<br>-2.61 | 53.07<br>4.71<br>-6.27  | 62.95<br>4.50<br>-17.86 | 63.56<br>5.10<br>-13.27 | 90.89<br>6.39<br>-28.94 | 94.92<br>8.27<br>-15.29  | 100.83<br>10.25<br>-5.80  | 97.63<br>10.30<br>-0.01 | 94.33<br>8.88<br>-0.01  | 65.54<br>5.52<br>0.00   | 53.87<br>4.72<br>-0.01  | 47.94<br>4.16<br>-0.01 |
| FULTON COGEN____<br>23766     | 37.78<br>-0.85<br>0.00 | 29.13<br>-0.62<br>-0.34 | 27.21<br>-0.61<br>-0.29 | 27.61<br>-0.65<br>-0.19 | 29.33<br>-0.72<br>0.00 | 31.72<br>-0.75<br>0.00 | 38.29<br>-0.82<br>0.00  | 38.18<br>-0.82<br>0.00  | 34.86<br>-0.75<br>0.00 | 32.63<br>-0.70<br>0.00 | 35.45<br>-0.80<br>0.00 | 37.76<br>-0.85<br>0.00 | 38.53<br>-0.99<br>0.00 | 41.73<br>-1.05<br>-0.70 | 39.57<br>-1.01<br>0.00  | 44.53<br>-1.04<br>-0.38 | 55.80<br>-1.06<br>-1.29 | 73.06<br>-1.21<br>-2.92  | 89.10<br>-1.17<br>-5.17   | 91.38<br>-0.70<br>-4.75 | 93.90<br>-0.77<br>-9.24 | 61.23<br>-0.96<br>-2.17 | 49.33<br>-0.98<br>-1.18 | 42.99<br>-0.79<br>0.00 |
| FULTON___LFGE<br>323630       | 40.60<br>1.97<br>0.00  | 35.82<br>1.65<br>-4.77  | 33.01<br>1.40<br>-4.07  | 32.28<br>1.46<br>-2.76  | 31.58<br>1.53<br>0.00  | 34.12<br>1.65<br>0.00  | 40.95<br>1.84<br>0.00   | 40.40<br>1.36<br>-0.04  | 36.18<br>0.57<br>0.00  | 33.43<br>0.10<br>0.00  | 36.28<br>0.04<br>0.00  | 38.46<br>-0.15<br>0.00 | 39.33<br>-0.20<br>0.00 | 42.00<br>-0.08<br>0.00  | 40.63<br>0.04<br>0.00   | 45.59<br>0.41<br>0.00   | 56.62<br>1.05<br>0.00   | 73.57<br>2.21<br>0.00    | 89.95<br>5.17<br>0.00     | 93.95<br>6.63<br>0.00   | 92.27<br>6.84<br>0.00   | 64.40<br>4.38<br>0.00   | 52.52<br>3.39<br>0.00   | 46.49<br>2.71<br>0.00  |
| G.F.CEMENT___DRP<br>24184     | 40.84<br>2.20<br>0.00  | 35.77<br>1.91<br>-4.45  | 32.93<br>1.60<br>-3.80  | 32.35<br>1.71<br>-2.58  | 31.85<br>1.80<br>0.00  | 34.35<br>1.88<br>0.00  | 41.30<br>2.19<br>0.00   | 41.07<br>2.07<br>0.00   | 37.10<br>1.50<br>0.00  | 34.43<br>1.10<br>0.00  | 37.48<br>1.23<br>0.00  | 39.77<br>1.16<br>0.00  | 40.75<br>1.23<br>0.00  | 43.64<br>1.56<br>0.00   | 42.05<br>1.46<br>0.00   | 46.36<br>1.17<br>0.00   | 57.29<br>1.72<br>0.00   | 73.99<br>2.64<br>0.00    | 89.19<br>4.41<br>0.00     | 92.12<br>4.80<br>0.00   | 90.47<br>5.04<br>0.00   | 63.44<br>3.42<br>0.00   | 51.59<br>2.46<br>0.00   | 46.44<br>2.67<br>0.00  |
| GARDENVILLE___LBMP<br>24039   | 35.31<br>-3.32<br>0.00 | 26.80<br>-3.29<br>-0.68 | 25.12<br>-3.00<br>-0.59 | 25.15<br>-3.31<br>-0.40 | 26.47<br>-3.58<br>0.00 | 28.64<br>-3.67<br>0.16 | 22.65<br>-4.30<br>12.15 | 21.26<br>-3.74<br>13.99 | 22.96<br>-2.67<br>9.97 | 24.71<br>-2.33<br>6.28 | 25.99<br>-2.54<br>7.72 | 29.02<br>-2.63<br>6.97 | 27.95<br>-2.73<br>8.85 | 25.59<br>-3.03<br>13.46 | 28.50<br>-3.04<br>9.04  | 30.24<br>-3.21<br>11.74 | 38.53<br>-3.17<br>13.87 | 51.69<br>-4.50<br>15.17  | 63.51<br>-3.90<br>17.36   | 83.30<br>-4.02<br>0.00  | 79.84<br>-5.55<br>0.04  | 48.54<br>-4.50<br>6.98  | 39.39<br>-3.39<br>6.35  | 40.43<br>-3.33<br>0.01 |
| GARDNVLA_35_KV_LD<br>355827   | 35.35<br>-3.28<br>0.00 | 26.83<br>-3.26<br>-0.69 | 25.12<br>-3.00<br>-0.59 | 25.15<br>-3.31<br>-0.40 | 26.47<br>-3.58<br>0.00 | 28.68<br>-3.64<br>0.15 | 24.59<br>-4.34<br>10.18 | 23.32<br>-3.74<br>11.94 | 24.30<br>-2.56<br>8.74 | 25.59<br>-2.23<br>5.51 | 27.05<br>-2.43<br>6.77 | 30.03<br>-2.47<br>6.11 | 29.20<br>-2.57<br>7.76 | 27.38<br>-2.90<br>11.80 | 29.73<br>-2.92<br>7.93  | 31.82<br>-3.03<br>10.34 | 40.58<br>-2.94<br>12.04 | 53.67<br>-4.21<br>13.48  | 65.55<br>-3.56<br>15.67   | 83.56<br>-3.75<br>0.00  | 80.01<br>-5.38<br>0.03  | 49.34<br>-4.32<br>6.36  | 40.36<br>-3.24<br>5.53  | 40.57<br>-3.20<br>0.01 |
| GELCKHM___115KV_LOAD<br>80723 | 38.21<br>-0.42<br>0.00 | 29.47<br>-0.32<br>-0.38 | 27.53<br>-0.33<br>-0.33 | 27.92<br>-0.36<br>-0.22 | 29.63<br>-0.42<br>0.00 | 32.01<br>-0.45<br>0.00 | 38.64<br>-0.47<br>0.00  | 38.57<br>-0.43<br>0.00  | 35.22<br>-0.39<br>0.00 | 32.99<br>-0.33<br>0.00 | 35.89<br>-0.36<br>0.00 | 38.23<br>-0.39<br>0.00 | 39.05<br>-0.47<br>0.00 | 41.78<br>-0.55<br>-0.24 | 40.10<br>-0.49<br>0.00  | 44.55<br>-0.45<br>0.18  | 54.68<br>-0.28<br>0.61  | 69.69<br>-0.29<br>1.38   | 86.83<br>0.25<br>-1.80    | 89.41<br>0.44<br>-1.65  | 88.89<br>0.26<br>-3.21  | 58.70<br>-0.30<br>1.03  | 48.18<br>-0.39<br>0.56  | 43.47<br>-0.31<br>0.00 |
| GENERAL___MILLS<br>23808      | 35.31<br>-3.32<br>0.00 | 26.80<br>-3.29<br>-0.69 | 25.12<br>-3.00<br>-0.59 | 25.15<br>-3.31<br>-0.40 | 26.47<br>-3.58<br>0.00 | 28.65<br>-3.67<br>0.15 | 24.05<br>-4.34<br>10.71 | 22.76<br>-3.74<br>12.50 | 23.93<br>-2.60<br>9.08 | 25.34<br>-2.27<br>5.72 | 26.76<br>-2.46<br>7.02 | 29.76<br>-2.51<br>6.34 | 28.86<br>-2.61<br>8.05 | 26.89<br>-2.95<br>12.25 | 29.39<br>-2.96<br>8.23  | 31.39<br>-3.07<br>10.72 | 40.03<br>-3.00<br>12.54 | 53.06<br>-4.35<br>13.94  | 65.00<br>-3.65<br>16.13   | 83.39<br>-3.93<br>0.00  | 79.93<br>-5.47<br>0.03  | 49.11<br>-4.38<br>6.53  | 40.09<br>-3.29<br>5.75  | 40.48<br>-3.28<br>0.01 |
| GE_PLASTICS___DRP<br>24183    | 39.64<br>1.00<br>0.00  | 34.60<br>0.88<br>-4.31  | 32.09<br>0.88<br>-3.68  | 31.43<br>0.87<br>-2.50  | 30.98<br>0.93<br>0.00  | 33.41<br>0.94<br>0.00  | 40.05<br>0.94<br>0.00   | 39.93<br>0.94<br>0.00   | 36.43<br>0.82<br>0.00  | 34.03<br>0.70<br>0.00  | 37.05<br>0.80<br>0.00  | 39.39<br>0.77<br>0.00  | 40.47<br>0.95<br>0.00  | 43.22<br>1.14<br>0.00   | 41.72<br>1.14<br>0.00   | 46.36<br>1.17<br>0.00   | 56.79<br>1.22<br>0.00   | 73.06<br>1.71<br>0.00    | 87.24<br>2.46<br>0.00     | 89.76<br>2.44<br>0.00   | 87.82<br>2.39<br>0.00   | 61.46<br>1.44<br>0.00   | 50.26<br>1.13<br>0.00   | 44.74<br>0.96<br>0.00  |
| GILBOA___1<br>23756           | 39.91<br>1.27<br>0.00  | 33.93<br>1.00<br>-3.52  | 31.50<br>0.96<br>-3.01  | 31.03<br>0.92<br>-2.04  | 30.98<br>0.93<br>0.00  | 33.44<br>0.97<br>0.00  | 40.24<br>1.13<br>0.00   | 40.25<br>1.21<br>-0.04  | 36.78<br>1.17<br>0.00  | 34.49<br>1.17<br>0.00  | 37.52<br>1.27<br>0.00  | 40.00<br>1.39<br>0.00  | 41.14<br>1.62<br>0.00  | 43.89<br>1.81<br>0.00   | 42.29<br>1.70<br>0.00   | 47.00<br>1.81<br>0.00   | 57.68<br>2.11<br>0.00   | 73.92<br>2.56<br>0.00    | 88.00<br>3.22<br>0.00     | 90.64<br>3.32<br>0.00   | 88.50<br>3.07<br>0.00   | 61.94<br>1.92<br>0.00   | 50.80<br>1.67<br>0.00   | 45.17<br>1.40<br>0.00  |
| GILBOA___2<br>23757           | 39.91<br>1.27<br>0.00  | 33.93<br>1.00<br>-3.52  | 31.50<br>0.96<br>-3.01  | 31.03<br>0.92<br>-2.04  | 30.98<br>0.93<br>0.00  | 33.44<br>0.97<br>0.00  | 40.24<br>1.13<br>0.00   | 40.25<br>1.21<br>-0.04  | 36.78<br>1.17<br>0.00  | 34.49<br>1.17<br>0.00  | 37.52<br>1.27<br>0.00  | 40.00<br>1.39<br>0.00  | 41.14<br>1.62<br>0.00  | 43.89<br>1.81<br>0.00   | 42.29<br>1.70<br>0.00   | 47.00<br>1.81<br>0.00   | 57.68<br>2.11<br>0.00   | 73.92<br>2.56<br>0.00    | 88.00<br>3.22<br>0.00     | 90.64<br>3.32<br>0.00   | 88.50<br>3.07<br>0.00   | 61.94<br>1.92<br>0.00   | 50.80<br>1.67<br>0.00   | 45.17<br>1.40<br>0.00  |
| GILBOA___3<br>23758           | 39.91<br>1.27<br>0.00  | 33.93<br>1.00<br>-3.52  | 31.50<br>0.96<br>-3.01  | 31.03<br>0.92<br>-2.04  | 30.98<br>0.93<br>0.00  | 33.44<br>0.97<br>0.00  | 40.24<br>1.13<br>0.00   | 40.25<br>1.21<br>-0.04  | 36.78<br>1.17<br>0.00  | 34.49<br>1.17<br>0.00  | 37.52<br>1.27<br>0.00  | 40.00<br>1.39<br>0.00  | 41.14<br>1.62<br>0.00  | 43.89<br>1.81<br>0.00   | 42.29<br>1.70<br>0.00   | 47.00<br>1.81<br>0.00   | 57.68<br>2.11<br>0.00   | 73.92<br>2.56<br>0.00    | 88.00<br>3.22<br>0.00     | 90.64<br>3.32<br>0.00   | 88.50<br>3.07<br>0.00   | 61.94<br>1.92<br>0.00   | 50.80<br>1.67<br>0.00   | 45.17<br>1.40<br>0.00  |

|                                |                        |                         |                         |                         |                        |                         |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                          |                         |                        |                         |                        |                        |
|--------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|
| GILBOA___4<br>23759            | 39.91<br>1.27<br>0.00  | 33.93<br>1.00<br>-3.52  | 31.50<br>0.96<br>-3.01  | 31.03<br>0.92<br>-2.04  | 30.98<br>0.93<br>0.00  | 33.44<br>0.97<br>0.00   | 40.24<br>1.13<br>0.00  | 40.25<br>1.21<br>-0.04 | 36.78<br>1.17<br>0.00  | 34.49<br>1.17<br>0.00  | 37.52<br>1.27<br>0.00  | 40.00<br>1.39<br>0.00  | 41.14<br>1.62<br>0.00  | 43.89<br>1.81<br>0.00   | 42.29<br>1.70<br>0.00   | 47.00<br>1.81<br>0.00   | 57.68<br>2.11<br>0.00   | 73.92<br>2.56<br>0.00   | 88.00<br>3.22<br>0.00    | 90.64<br>3.32<br>0.00   | 88.50<br>3.07<br>0.00  | 61.94<br>1.92<br>0.00   | 50.80<br>1.67<br>0.00  | 45.17<br>1.40<br>0.00  |
| GILBOA____<br>23599            | 39.91<br>1.27<br>0.00  | 33.96<br>1.03<br>-3.52  | 31.50<br>0.96<br>-3.01  | 31.03<br>0.93<br>-2.04  | 30.98<br>0.93<br>0.00  | 33.44<br>0.97<br>0.00   | 40.24<br>1.13<br>0.00  | 40.21<br>1.21<br>0.00  | 36.78<br>1.18<br>0.00  | 34.49<br>1.17<br>0.00  | 37.52<br>1.27<br>0.00  | 40.00<br>1.39<br>0.00  | 41.14<br>1.62<br>0.00  | 43.89<br>1.81<br>0.00   | 42.29<br>1.70<br>0.00   | 46.99<br>1.81<br>0.00   | 57.68<br>2.11<br>0.00   | 73.92<br>2.57<br>0.00   | 88.00<br>3.22<br>0.00    | 90.64<br>3.32<br>0.00   | 88.59<br>3.16<br>0.00  | 61.94<br>1.92<br>0.00   | 50.80<br>1.67<br>0.00  | 45.18<br>1.40<br>0.00  |
| GINNA____<br>23603             | 35.81<br>-2.82<br>0.00 | 27.60<br>-2.29<br>-0.49 | 25.77<br>-2.18<br>-0.42 | 25.96<br>-2.39<br>-0.28 | 27.40<br>-2.64<br>0.00 | 29.56<br>-2.92<br>-0.02 | 36.02<br>-3.09<br>0.00 | 35.98<br>-2.93<br>0.09 | 32.83<br>-2.78<br>0.00 | 30.69<br>-2.63<br>0.00 | 33.38<br>-2.86<br>0.00 | 35.68<br>-2.94<br>0.00 | 36.48<br>-3.04<br>0.00 | 38.93<br>-3.16<br>0.00  | 37.54<br>-3.04<br>0.00  | 41.67<br>-3.03<br>0.49  | 50.68<br>-3.22<br>1.66  | 63.62<br>-3.99<br>3.74  | 80.96<br>-3.81<br>0.00   | 83.82<br>-3.50<br>0.00  | 81.50<br>-3.93<br>0.00 | 53.52<br>-3.72<br>2.78  | 44.23<br>-3.39<br>1.51 | 41.15<br>-2.63<br>0.00 |
| GLEN PARK____<br>23778         | 38.67<br>0.04<br>0.00  | 29.62<br>-0.03<br>-0.23 | 27.65<br>-0.08<br>-0.20 | 27.92<br>-0.28<br>-0.14 | 29.54<br>-0.51<br>0.00 | 32.17<br>-0.29<br>0.00  | 38.60<br>-0.51<br>0.00 | 38.26<br>-0.74<br>0.00 | 34.50<br>-1.10<br>0.00 | 31.86<br>-1.47<br>0.00 | 34.51<br>-1.74<br>0.00 | 36.72<br>-1.89<br>0.00 | 37.55<br>-1.97<br>0.00 | 40.16<br>-2.14<br>-0.22 | 38.64<br>-1.95<br>0.00  | 43.24<br>-1.94<br>0.00  | 54.29<br>-1.28<br>0.00  | 70.21<br>-1.14<br>0.00  | 89.45<br>3.05<br>-1.63   | 93.61<br>4.80<br>-1.49  | 93.20<br>4.87<br>-2.90 | 62.48<br>2.46<br>0.00   | 50.46<br>1.33<br>0.00  | 44.82<br>1.05<br>0.00  |
| GLENDALE_27_KV_LOAD<br>356172  | 42.07<br>3.44<br>0.00  | 35.76<br>2.56<br>-3.79  | 33.23<br>2.45<br>-3.25  | 32.62<br>2.36<br>-2.21  | 32.46<br>2.40<br>-0.01 | 34.93<br>2.47<br>0.00   | 42.08<br>2.97<br>0.00  | 42.31<br>3.31<br>0.00  | 38.92<br>3.31<br>0.00  | 36.90<br>3.57<br>-0.01 | 40.10<br>3.84<br>-0.01 | 42.83<br>4.21<br>-0.01 | 46.99<br>4.86<br>-2.61 | 53.57<br>5.18<br>-6.31  | 63.23<br>4.79<br>-17.86 | 63.74<br>5.29<br>-13.27 | 91.06<br>6.56<br>-28.94 | 94.86<br>8.49<br>-15.01 | 100.71<br>10.34<br>-5.58 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.42<br>5.40<br>0.00   | 53.70<br>4.57<br>0.00  | 47.76<br>3.98<br>0.00  |
| GLENWOOD_IC_1_G5<br>23712      | 42.09<br>3.44<br>-0.02 | 35.73<br>2.53<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.50<br>2.24<br>-2.20  | 32.45<br>2.40<br>0.00  | 34.90<br>2.43<br>0.00   | 42.16<br>3.05<br>0.00  | 42.39<br>3.39<br>0.00  | 38.81<br>3.20<br>0.00  | 36.63<br>3.30<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.72<br>4.09<br>-0.01 | 46.56<br>4.54<br>-2.50 | 52.52<br>4.80<br>-5.64  | 52.89<br>4.46<br>-7.84  | 62.43<br>4.88<br>-12.37 | 90.39<br>5.78<br>-29.04 | 99.69<br>7.56<br>-20.78 | 104.46<br>9.52<br>-10.10 | 96.87<br>9.52<br>-0.03  | 93.83<br>8.37<br>-0.03 | 84.41<br>5.10<br>-19.28 | 53.46<br>4.32<br>0.00  | 47.69<br>3.90<br>-0.02 |
| GLENWOOD_IC_2_G1<br>23688      | 41.76<br>3.13<br>0.00  | 35.50<br>2.30<br>-3.79  | 32.95<br>2.17<br>-3.24  | 32.36<br>2.11<br>-2.20  | 32.27<br>2.22<br>0.00  | 34.70<br>2.24<br>0.00   | 41.77<br>2.66<br>0.00  | 42.08<br>3.04<br>-0.04 | 38.56<br>2.95<br>0.00  | 36.46<br>3.13<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.33<br>4.31<br>-2.50 | 52.27<br>4.55<br>-5.64  | 52.72<br>4.30<br>-7.84  | 58.83<br>4.66<br>-8.99  | 78.90<br>5.83<br>-17.50 | 92.64<br>7.56<br>-13.73 | 98.87<br>9.49<br>-4.60   | 96.76<br>9.43<br>-0.01  | 93.64<br>8.20<br>-0.01 | 65.58<br>4.98<br>-0.58  | 53.17<br>4.03<br>-0.01 | 47.37<br>3.59<br>0.00  |
| GLENWOOD_IC_3_G1<br>23689      | 41.76<br>3.13<br>0.00  | 35.50<br>2.30<br>-3.79  | 32.95<br>2.17<br>-3.24  | 32.36<br>2.11<br>-2.20  | 32.27<br>2.22<br>0.00  | 34.70<br>2.24<br>0.00   | 41.77<br>2.66<br>0.00  | 42.08<br>3.04<br>-0.04 | 38.56<br>2.95<br>0.00  | 36.46<br>3.13<br>-0.01 | 39.63<br>3.37<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.33<br>4.31<br>-2.50 | 52.27<br>4.55<br>-5.64  | 52.72<br>4.30<br>-7.84  | 58.83<br>4.66<br>-8.99  | 78.90<br>5.83<br>-17.50 | 92.64<br>7.56<br>-13.73 | 98.87<br>9.49<br>-4.60   | 96.76<br>9.43<br>-0.01  | 93.64<br>8.20<br>-0.01 | 65.58<br>4.98<br>-0.58  | 53.17<br>4.03<br>-0.01 | 47.37<br>3.59<br>0.00  |
| GLENWOOD___4<br>23550          | 42.09<br>3.44<br>-0.02 | 35.73<br>2.53<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.50<br>2.24<br>-2.20  | 32.45<br>2.40<br>0.00  | 34.90<br>2.43<br>0.00   | 42.16<br>3.05<br>0.00  | 42.39<br>3.39<br>0.00  | 38.81<br>3.20<br>0.00  | 36.63<br>3.30<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.72<br>4.09<br>-0.01 | 46.56<br>4.54<br>-2.50 | 52.52<br>4.80<br>-5.64  | 52.89<br>4.46<br>-7.84  | 62.43<br>4.88<br>-12.37 | 90.55<br>5.95<br>-29.04 | 99.84<br>7.71<br>-20.78 | 104.71<br>9.83<br>-10.10 | 97.13<br>9.78<br>-0.03  | 94.09<br>8.63<br>-0.03 | 84.59<br>5.28<br>-19.28 | 53.46<br>4.32<br>0.00  | 47.69<br>3.90<br>-0.02 |
| GLENWOOD___5<br>23614          | 42.09<br>3.44<br>-0.02 | 35.73<br>2.53<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.50<br>2.24<br>-2.20  | 32.45<br>2.40<br>0.00  | 34.90<br>2.43<br>0.00   | 42.16<br>3.05<br>0.00  | 42.39<br>3.39<br>0.00  | 38.81<br>3.20<br>0.00  | 36.63<br>3.30<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.72<br>4.09<br>-0.01 | 46.56<br>4.54<br>-2.50 | 52.52<br>4.80<br>-5.64  | 52.89<br>4.46<br>-7.84  | 62.43<br>4.88<br>-12.37 | 90.55<br>5.95<br>-29.04 | 99.84<br>7.71<br>-20.78 | 104.71<br>9.83<br>-10.10 | 97.13<br>9.78<br>-0.03  | 94.09<br>8.63<br>-0.03 | 84.59<br>5.28<br>-19.28 | 53.46<br>4.32<br>0.00  | 47.69<br>3.90<br>-0.02 |
| GLOBAL GREEN_PORT_GT1<br>23814 | 42.31<br>3.67<br>-0.01 | 35.88<br>2.68<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.59<br>2.33<br>-2.20  | 32.96<br>2.91<br>0.00  | 35.42<br>2.95<br>0.00   | 42.63<br>3.52<br>0.00  | 43.09<br>4.06<br>-0.04 | 39.20<br>3.59<br>0.00  | 36.97<br>3.63<br>-0.01 | 40.10<br>3.84<br>-0.01 | 43.29<br>4.67<br>-0.01 | 46.68<br>4.66<br>-2.50 | 52.35<br>4.63<br>-5.64  | 52.64<br>4.22<br>-7.84  | 56.62<br>4.79<br>-6.64  | 71.22<br>6.17<br>-9.49  | 88.11<br>7.92<br>-8.83  | 96.24<br>10.68<br>-0.78  | 97.97<br>10.65<br>0.00  | 94.57<br>9.15<br>0.00  | 69.33<br>6.00<br>-3.31  | 53.51<br>4.37<br>0.00  | 47.81<br>4.02<br>-0.01 |
| GLOBE___DSASP<br>323697        | 34.75<br>-3.86<br>0.02 | 26.43<br>-3.59<br>-0.61 | 24.83<br>-3.22<br>-0.51 | 24.87<br>-3.54<br>-0.34 | 26.09<br>-3.94<br>0.02 | 28.03<br>-4.29<br>0.16  | 26.19<br>-4.58<br>8.34 | 25.02<br>-4.25<br>9.73 | 24.98<br>-3.63<br>7.00 | 25.72<br>-3.20<br>4.40 | 27.32<br>-3.52<br>5.41 | 30.02<br>-3.71<br>4.89 | 29.37<br>-3.95<br>6.20 | 28.39<br>-4.25<br>9.44  | 30.02<br>-4.22<br>6.34  | 32.19<br>-4.61<br>8.38  | 37.93<br>-5.22<br>12.42 | 50.91<br>-6.92<br>13.52 | 59.58<br>-6.87<br>18.33  | 80.40<br>-6.90<br>0.02  | 77.18<br>-8.20<br>0.05 | 47.18<br>-6.66<br>6.18  | 38.77<br>-4.91<br>5.45 | 39.76<br>-3.98<br>0.03 |
| GOETHSLN___LBMP<br>323567      | 41.76<br>3.13<br>0.00  | 35.49<br>2.29<br>-3.79  | 32.95<br>2.18<br>-3.24  | 32.33<br>2.08<br>-2.20  | 32.15<br>2.10<br>0.00  | 34.64<br>2.18<br>0.00   | 41.77<br>2.66<br>0.00  | 42.00<br>3.00<br>0.00  | 38.60<br>2.99<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.53<br>3.90<br>-0.01 | 46.67<br>4.54<br>-2.61 | 53.31<br>4.97<br>-6.26  | 63.08<br>4.63<br>-17.87 | 63.57<br>5.11<br>-13.28 | 90.85<br>6.33<br>-28.95 | 94.79<br>8.13<br>-15.30 | 100.51<br>9.92<br>-5.81  | 97.29<br>9.95<br>-0.01  | 94.16<br>8.71<br>-0.01 | 65.24<br>5.22<br>0.00   | 53.31<br>4.18<br>0.00  | 47.41<br>3.63<br>0.00  |
| GOLAH___69_KV_TB 1_2<br>80279  | 36.97<br>-1.66<br>0.00 | 28.39<br>-1.53<br>-0.51 | 26.59<br>-1.38<br>-0.44 | 26.76<br>-1.60<br>-0.30 | 28.21<br>-1.83<br>0.00 | 30.28<br>-1.98<br>0.21  | 37.23<br>-1.88<br>0.00 | 36.48<br>-1.87<br>0.65 | 32.75<br>-1.82<br>1.04 | 30.97<br>-1.70<br>0.65 | 33.52<br>-1.92<br>0.81 | 35.88<br>-2.01<br>0.73 | 36.46<br>-2.13<br>0.92 | 38.41<br>-2.27<br>1.41  | 37.37<br>-2.27<br>0.94  | 41.31<br>-2.21<br>1.66  | 50.20<br>-2.22<br>3.14  | 63.43<br>-2.78<br>5.14  | 80.74<br>-1.78<br>2.25   | 86.36<br>-0.96<br>0.00  | 83.55<br>-1.88<br>0.00 | 54.27<br>-2.46<br>3.29  | 45.10<br>-1.97<br>2.07 | 42.50<br>-1.27<br>0.00 |
| GOODYEAR_LAKE_HYD<br>323669    | 40.10<br>1.47<br>0.00  | 31.84<br>1.06<br>-1.37  | 29.64<br>0.94<br>-1.17  | 29.76<br>0.90<br>-0.80  | 30.95<br>0.90<br>0.00  | 33.54<br>1.07<br>0.00   | 40.40<br>1.29<br>0.00  | 40.42<br>1.36<br>-0.05 | 36.86<br>1.25<br>0.00  | 34.53<br>1.20<br>0.00  | 37.55<br>1.30<br>0.00  | 40.04<br>1.43<br>0.00  | 41.14<br>1.62<br>0.00  | 43.77<br>1.68<br>0.00   | 42.21<br>1.62<br>0.00   | 47.04<br>1.85<br>0.00   | 58.40<br>2.83<br>0.00   | 74.92<br>3.57<br>0.00   | 90.12<br>5.34<br>0.00    | 93.08<br>5.76<br>0.00   | 90.81<br>5.38<br>0.00  | 63.20<br>3.18<br>0.00   | 51.59<br>2.46<br>0.00  | 45.79<br>2.01<br>0.00  |

|                        |                        |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                          |                         |                        |                       |                        |                        |
|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|-----------------------|------------------------|------------------------|
| GOUDEY___1<br>345031   | 38.67<br>0.04<br>0.00  | 30.63<br>-0.12<br>-1.33 | 28.53<br>-0.14<br>-1.14 | 28.61<br>-0.22<br>-0.77 | 29.81<br>-0.24<br>0.00 | 32.29<br>-0.16<br>0.01 | 38.87<br>-0.23<br>0.00 | 39.27<br>0.04<br>-0.24 | 35.93<br>0.32<br>0.00  | 33.69<br>0.37<br>0.00  | 36.61<br>0.36<br>0.00  | 39.08<br>0.46<br>0.00  | 40.08<br>0.55<br>0.00  | 42.82<br>0.59<br>-0.15 | 41.15<br>0.57<br>0.00   | 45.83<br>0.77<br>0.12   | 56.59<br>1.33<br>0.30   | 72.23<br>1.71<br>0.84   | 89.30<br>2.97<br>-1.55   | 91.27<br>2.97<br>-0.99  | 89.82<br>2.48<br>-1.91 | 60.56<br>1.20<br>0.66 | 49.60<br>0.84<br>0.37  | 44.26<br>0.48<br>0.00  |
| GOUDEY___7<br>23579    | 38.67<br>0.04<br>0.00  | 30.63<br>-0.12<br>-1.33 | 28.53<br>-0.14<br>-1.14 | 28.61<br>-0.22<br>-0.77 | 29.81<br>-0.24<br>0.00 | 32.29<br>-0.16<br>0.01 | 38.87<br>-0.23<br>0.00 | 39.27<br>0.04<br>-0.24 | 35.93<br>0.32<br>0.00  | 33.69<br>0.37<br>0.00  | 36.61<br>0.36<br>0.00  | 39.08<br>0.46<br>0.00  | 40.08<br>0.55<br>0.00  | 42.82<br>0.59<br>-0.15 | 41.15<br>0.57<br>0.00   | 45.83<br>0.77<br>0.12   | 56.59<br>1.33<br>0.30   | 72.23<br>1.71<br>0.84   | 89.30<br>2.97<br>-1.55   | 91.27<br>2.97<br>-0.99  | 89.82<br>2.48<br>-1.91 | 60.56<br>1.20<br>0.66 | 49.60<br>0.84<br>0.37  | 44.26<br>0.48<br>0.00  |
| GOUDEY___8<br>23580    | 38.67<br>0.04<br>0.00  | 30.63<br>-0.12<br>-1.33 | 28.53<br>-0.14<br>-1.14 | 28.61<br>-0.22<br>-0.77 | 29.81<br>-0.24<br>0.00 | 32.29<br>-0.16<br>0.01 | 38.87<br>-0.23<br>0.00 | 39.27<br>0.04<br>-0.24 | 35.93<br>0.32<br>0.00  | 33.69<br>0.37<br>0.00  | 36.61<br>0.36<br>0.00  | 39.08<br>0.46<br>0.00  | 40.08<br>0.55<br>0.00  | 42.82<br>0.59<br>-0.15 | 41.15<br>0.57<br>0.00   | 45.83<br>0.77<br>0.12   | 56.59<br>1.33<br>0.30   | 72.23<br>1.71<br>0.84   | 89.30<br>2.97<br>-1.55   | 91.27<br>2.97<br>-0.99  | 89.82<br>2.48<br>-1.91 | 60.56<br>1.20<br>0.66 | 49.60<br>0.84<br>0.37  | 44.26<br>0.48<br>0.00  |
| GOWANUS_GT1_1<br>24077 | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.13<br>3.01<br>-0.01 | 42.36<br>3.35<br>-0.01 | 38.93<br>3.31<br>-0.01 | 36.94<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.92<br>4.78<br>-2.61 | 53.36<br>4.97<br>-6.31 | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00 | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT1_2<br>24078 | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.13<br>3.01<br>-0.01 | 42.36<br>3.35<br>-0.01 | 38.93<br>3.31<br>-0.01 | 36.94<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.92<br>4.78<br>-2.61 | 53.36<br>4.97<br>-6.31 | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00 | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT1_3<br>24079 | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.13<br>3.01<br>-0.01 | 42.36<br>3.35<br>-0.01 | 38.93<br>3.31<br>-0.01 | 36.94<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.92<br>4.78<br>-2.61 | 53.36<br>4.97<br>-6.31 | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00 | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT1_4<br>24080 | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.13<br>3.01<br>-0.01 | 42.36<br>3.35<br>-0.01 | 38.93<br>3.31<br>-0.01 | 36.94<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.92<br>4.78<br>-2.61 | 53.36<br>4.97<br>-6.31 | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00 | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT1_5<br>24084 | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.13<br>3.01<br>-0.01 | 42.36<br>3.35<br>-0.01 | 38.93<br>3.31<br>-0.01 | 36.94<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.92<br>4.78<br>-2.61 | 53.36<br>4.97<br>-6.31 | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00 | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT1_6<br>24111 | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.13<br>3.01<br>-0.01 | 42.36<br>3.35<br>-0.01 | 38.93<br>3.31<br>-0.01 | 36.94<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.92<br>4.78<br>-2.61 | 53.36<br>4.97<br>-6.31 | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00 | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT1_7<br>24112 | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.13<br>3.01<br>-0.01 | 42.36<br>3.35<br>-0.01 | 38.93<br>3.31<br>-0.01 | 36.94<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.92<br>4.78<br>-2.61 | 53.36<br>4.97<br>-6.31 | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00 | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT1_8<br>24113 | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.13<br>3.01<br>-0.01 | 42.36<br>3.35<br>-0.01 | 38.93<br>3.31<br>-0.01 | 36.94<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.92<br>4.78<br>-2.61 | 53.36<br>4.97<br>-6.31 | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00 | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT2_1<br>24114 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT2_2<br>24115 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT2_3<br>24116 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT2_4<br>24117 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |

|                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                          |                         |                        |                       |                        |                        |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|-----------------------|------------------------|------------------------|
| GOWANUS_GT2_5<br>24118 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT2_6<br>24119 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT2_7<br>24120 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT2_8<br>24121 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT3_1<br>24122 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT3_2<br>24123 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT3_3<br>24124 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT3_4<br>24125 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT3_5<br>24126 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT3_6<br>24127 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT3_7<br>24128 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT3_8<br>24129 | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT4_1<br>24130 | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.13<br>3.01<br>-0.01 | 42.36<br>3.35<br>-0.01 | 38.93<br>3.31<br>-0.01 | 36.94<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.92<br>4.78<br>-2.61 | 53.36<br>4.97<br>-6.31 | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00 | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT4_2<br>24131 | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.13<br>3.01<br>-0.01 | 42.36<br>3.35<br>-0.01 | 38.93<br>3.31<br>-0.01 | 36.94<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.92<br>4.78<br>-2.61 | 53.36<br>4.97<br>-6.31 | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00 | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| GOWANUS_GT4_3<br>24132 | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.13<br>3.01<br>-0.01 | 42.36<br>3.35<br>-0.01 | 38.93<br>3.31<br>-0.01 | 36.94<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.92<br>4.78<br>-2.61 | 53.36<br>4.97<br>-6.31 | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00 | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |

|   |                        |                         |                         |                         |                        |                         |                          |                          |                          |                         |                         |                         |                         |                          |                         |                          |                         |                         |                          |                         |                        |                        |                        |                         |
|---|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|
| GOWANUS_GT4_4<br>24133                    | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01  | 42.13<br>3.01<br>-0.01   | 42.36<br>3.35<br>-0.01   | 38.93<br>3.31<br>-0.01   | 36.94<br>3.60<br>-0.02  | 40.11<br>3.84<br>-0.02  | 42.88<br>4.25<br>-0.02  | 46.92<br>4.78<br>-2.61  | 53.36<br>4.97<br>-6.31   | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27  | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00  | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01  |
| GOWANUS_GT4_5<br>24134                    | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01  | 42.13<br>3.01<br>-0.01   | 42.36<br>3.35<br>-0.01   | 38.93<br>3.31<br>-0.01   | 36.94<br>3.60<br>-0.02  | 40.11<br>3.84<br>-0.02  | 42.88<br>4.25<br>-0.02  | 46.92<br>4.78<br>-2.61  | 53.36<br>4.97<br>-6.31   | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27  | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00  | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01  |
| GOWANUS_GT4_6<br>24135                    | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01  | 42.13<br>3.01<br>-0.01   | 42.36<br>3.35<br>-0.01   | 38.93<br>3.31<br>-0.01   | 36.94<br>3.60<br>-0.02  | 40.11<br>3.84<br>-0.02  | 42.88<br>4.25<br>-0.02  | 46.92<br>4.78<br>-2.61  | 53.36<br>4.97<br>-6.31   | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27  | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00  | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01  |
| GOWANUS_GT4_7<br>24136                    | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01  | 42.13<br>3.01<br>-0.01   | 42.36<br>3.35<br>-0.01   | 38.93<br>3.31<br>-0.01   | 36.94<br>3.60<br>-0.02  | 40.11<br>3.84<br>-0.02  | 42.88<br>4.25<br>-0.02  | 46.92<br>4.78<br>-2.61  | 53.36<br>4.97<br>-6.31   | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27  | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00  | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01  |
| GOWANUS_GT4_8<br>24137                    | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01  | 42.13<br>3.01<br>-0.01   | 42.36<br>3.35<br>-0.01   | 38.93<br>3.31<br>-0.01   | 36.94<br>3.60<br>-0.02  | 40.11<br>3.84<br>-0.02  | 42.88<br>4.25<br>-0.02  | 46.92<br>4.78<br>-2.61  | 53.36<br>4.97<br>-6.31   | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27  | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00  | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01  |
| GREENBSH_115KV_TB3<br>55895               | 39.52<br>0.89<br>0.00  | 34.59<br>0.85<br>-4.33  | 32.11<br>0.88<br>-3.70  | 31.47<br>0.90<br>-2.51  | 30.98<br>0.93<br>0.00  | 33.41<br>0.94<br>0.00   | 40.01<br>0.90<br>0.00    | 39.82<br>0.82<br>0.00    | 36.32<br>0.71<br>0.00    | 33.89<br>0.57<br>0.00   | 36.90<br>0.65<br>0.00   | 39.23<br>0.62<br>0.00   | 40.31<br>0.79<br>0.00   | 43.09<br>1.01<br>0.00    | 41.56<br>0.97<br>0.00   | 46.18<br>0.99<br>0.00    | 56.51<br>0.94<br>0.00   | 72.78<br>1.43<br>0.00   | 86.90<br>2.12<br>0.00    | 89.50<br>2.18<br>0.00   | 87.56<br>2.14<br>0.00  | 61.34<br>1.32<br>0.00  | 50.12<br>0.98<br>0.00  | 44.56<br>0.79<br>0.00   |
| GREENDGE_115KV_TB5<br>80291               | 38.17<br>-0.46<br>0.00 | 29.60<br>-0.62<br>-0.81 | 27.59<br>-0.63<br>-0.69 | 27.80<br>-0.73<br>-0.47 | 29.27<br>-0.78<br>0.00 | 31.85<br>-0.68<br>-0.07 | 51.52<br>-0.70<br>-13.12 | 53.14<br>-0.51<br>-14.65 | 46.23<br>-0.28<br>-10.90 | 39.85<br>-0.33<br>-6.86 | 44.21<br>-0.47<br>-8.43 | 45.80<br>-0.42<br>-7.61 | 48.68<br>-0.51<br>-9.67 | 56.39<br>-0.55<br>-14.86 | 49.90<br>-0.57<br>-9.89 | 56.97<br>-0.36<br>-12.14 | 70.67<br>0.33<br>-14.78 | 84.73<br>0.64<br>-12.74 | 112.54<br>2.54<br>-25.22 | 91.08<br>2.88<br>-0.88  | 89.40<br>2.22<br>-1.75 | 64.65<br>0.66<br>-3.97 | 54.61<br>0.25<br>-5.23 | 43.75<br>-0.04<br>-0.01 |
| GREENIDGE___3<br>23582                    | 38.17<br>-0.46<br>0.00 | 29.60<br>-0.62<br>-0.81 | 27.59<br>-0.63<br>-0.69 | 27.80<br>-0.73<br>-0.47 | 29.27<br>-0.78<br>0.00 | 31.85<br>-0.68<br>-0.07 | 51.52<br>-0.70<br>-13.12 | 53.14<br>-0.51<br>-14.65 | 46.23<br>-0.28<br>-10.90 | 39.85<br>-0.33<br>-6.86 | 44.21<br>-0.47<br>-8.43 | 45.80<br>-0.42<br>-7.61 | 48.68<br>-0.51<br>-9.67 | 56.39<br>-0.55<br>-14.86 | 49.90<br>-0.57<br>-9.89 | 56.97<br>-0.36<br>-12.14 | 70.67<br>0.33<br>-14.78 | 84.73<br>0.64<br>-12.74 | 112.54<br>2.54<br>-25.22 | 91.08<br>2.88<br>-0.88  | 89.40<br>2.22<br>-1.75 | 64.65<br>0.66<br>-3.97 | 54.61<br>0.25<br>-5.23 | 43.75<br>-0.04<br>-0.01 |
| GREENIDGE___4<br>23583                    | 38.17<br>-0.46<br>0.00 | 29.63<br>-0.59<br>-0.81 | 27.59<br>-0.63<br>-0.69 | 27.80<br>-0.73<br>-0.47 | 29.27<br>-0.78<br>0.00 | 31.85<br>-0.68<br>-0.07 | 51.52<br>-0.70<br>-13.12 | 52.50<br>-0.55<br>-14.05 | 46.23<br>-0.29<br>-10.90 | 39.85<br>-0.33<br>-6.86 | 44.21<br>-0.47<br>-8.43 | 45.80<br>-0.42<br>-7.61 | 48.67<br>-0.51<br>-9.67 | 56.44<br>-0.50<br>-14.86 | 49.90<br>-0.57<br>-9.89 | 57.01<br>-0.31<br>-12.14 | 70.62<br>0.28<br>-14.78 | 84.73<br>0.64<br>-12.74 | 112.46<br>2.46<br>-25.22 | 91.08<br>2.88<br>-0.88  | 89.39<br>2.22<br>-1.75 | 64.72<br>0.72<br>-3.97 | 54.61<br>0.25<br>-5.23 | 43.79<br>0.00<br>-0.01  |
| GREENLWN_69_KV_BK 3<br>55738              | 42.04<br>3.40<br>-0.01 | 35.73<br>2.53<br>-3.79  | 33.03<br>2.26<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.51<br>2.46<br>0.00  | 34.90<br>2.43<br>0.00   | 42.24<br>3.13<br>0.00    | 42.43<br>3.43<br>0.00    | 38.74<br>3.13<br>0.00    | 36.50<br>3.17<br>-0.01  | 39.63<br>3.37<br>-0.01  | 42.64<br>4.02<br>-0.01  | 46.29<br>4.27<br>-2.50  | 51.77<br>4.04<br>-5.64   | 52.07<br>3.65<br>-7.84  | 56.16<br>3.98<br>-7.00   | 71.32<br>5.06<br>-10.70 | 87.56<br>6.64<br>-9.57  | 95.04<br>8.90<br>-1.36   | 96.14<br>8.82<br>0.00   | 93.12<br>7.69<br>0.00  | 69.01<br>4.80<br>-4.18 | 52.77<br>3.64<br>0.00  | 47.64<br>3.85<br>-0.01  |
| GREENWD_138_KV_38B11_REV_LBMP_J<br>345004 | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01  | 42.13<br>3.01<br>-0.01   | 42.36<br>3.35<br>-0.01   | 38.93<br>3.31<br>-0.01   | 36.94<br>3.60<br>-0.02  | 40.11<br>3.84<br>-0.02  | 42.88<br>4.25<br>-0.02  | 46.92<br>4.78<br>-2.61  | 53.36<br>4.97<br>-6.31   | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27  | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.48<br>5.46<br>0.00  | 53.76<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01  |
| GRISSOM___SOLAR<br>323813                 | 40.56<br>1.93<br>0.00  | 35.72<br>1.59<br>-4.72  | 32.94<br>1.38<br>-4.03  | 32.23<br>1.43<br>-2.74  | 31.55<br>1.50<br>0.00  | 34.09<br>1.62<br>0.00   | 40.87<br>1.76<br>0.00    | 40.32<br>1.29<br>-0.03   | 36.07<br>0.46<br>0.00    | 33.33<br>0.00<br>0.00   | 36.14<br>-0.11<br>0.00  | 38.30<br>-0.31<br>0.00  | 39.20<br>-0.32<br>0.00  | 41.88<br>-0.21<br>0.00   | 40.50<br>-0.08<br>0.00  | 45.46<br>0.27<br>0.00    | 56.40<br>0.83<br>0.00   | 73.28<br>1.93<br>0.00   | 89.52<br>4.74<br>0.00    | 93.61<br>6.29<br>0.00   | 91.92<br>6.49<br>0.00  | 64.16<br>4.14<br>0.00  | 52.33<br>3.19<br>0.00  | 46.40<br>2.63<br>0.00   |
| GROVEVILLE___HYD<br>323602                | 41.49<br>2.86<br>0.00  | 35.37<br>2.15<br>-3.81  | 32.80<br>2.01<br>-3.25  | 32.21<br>1.94<br>-2.21  | 32.00<br>1.95<br>0.00  | 34.48<br>2.01<br>0.00   | 41.57<br>2.46<br>0.00    | 41.69<br>2.69<br>0.00    | 38.42<br>2.81<br>0.00    | 36.26<br>2.93<br>0.00   | 39.40<br>3.15<br>0.00   | 42.09<br>3.48<br>0.00   | 44.34<br>4.15<br>-0.67  | 48.14<br>4.55<br>-1.51   | 47.06<br>4.38<br>-2.09  | 51.91<br>4.93<br>-1.80   | 64.47<br>6.28<br>-2.63  | 82.18<br>8.42<br>-2.41  | 95.37<br>10.34<br>-0.25  | 97.71<br>10.39<br>0.00  | 94.57<br>9.14<br>0.00  | 65.42<br>5.40<br>0.00  | 53.31<br>4.18<br>0.00  | 47.36<br>3.59<br>0.00   |
| GRS_LOCK_115KV_LINE_2_SOLVAY<br>80269     | 38.44<br>-0.19<br>0.00 | 29.72<br>-0.12<br>-0.43 | 27.73<br>-0.17<br>-0.36 | 28.11<br>-0.20<br>-0.25 | 29.81<br>-0.24<br>0.00 | 32.24<br>-0.23<br>0.00  | 38.91<br>-0.20<br>0.00   | 38.84<br>-0.16<br>0.00   | 35.50<br>-0.11<br>0.00   | 33.23<br>-0.10<br>0.00  | 36.14<br>-0.11<br>0.00  | 38.54<br>-0.08<br>0.00  | 39.36<br>-0.16<br>0.00  | 42.29<br>-0.17<br>-0.38  | 40.46<br>-0.12<br>0.00  | 45.14<br>-0.05<br>0.00   | 55.79<br>0.22<br>0.00   | 71.78<br>0.43<br>0.00   | 88.76<br>1.19<br>-2.80   | 91.20<br>1.31<br>-2.57  | 91.62<br>1.20<br>-5.00 | 60.32<br>0.30<br>0.00  | 49.18<br>0.05<br>0.00  | 43.82<br>0.04<br>0.00   |
| HAMLTNNY_34_KV_TB<br>80303                | 38.44<br>-0.19<br>0.00 | 29.72<br>-0.15<br>-0.45 | 27.73<br>-0.19<br>-0.39 | 28.10<br>-0.22<br>-0.26 | 29.78<br>-0.27<br>0.00 | 32.21<br>-0.26<br>0.00  | 38.87<br>-0.23<br>0.00   | 38.81<br>-0.16<br>0.04   | 35.47<br>-0.14<br>0.00   | 33.19<br>-0.13<br>0.00  | 36.07<br>-0.18<br>0.00  | 38.46<br>-0.15<br>0.00  | 39.28<br>-0.24<br>0.00  | 42.25<br>-0.21<br>-0.38  | 40.38<br>-0.20<br>0.00  | 45.14<br>-0.05<br>0.00   | 55.84<br>0.28<br>0.00   | 71.85<br>0.50<br>0.00   | 88.93<br>1.36<br>-2.79   | 91.54<br>1.66<br>-2.57  | 91.87<br>1.45<br>-4.99 | 60.44<br>0.42<br>0.00  | 49.23<br>0.10<br>0.00  | 43.91<br>0.13<br>0.00   |

|  |                        |                         |                         |                         |                        |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                           |                         |                         |                         |                         |                         |
|--|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HAMPSHIRE___PAPER_HYD<br>323593              | 37.86<br>-0.77<br>0.00 | 28.91<br>-0.62<br>-0.12 | 27.01<br>-0.63<br>-0.10 | 27.38<br>-0.76<br>-0.07 | 29.15<br>-0.90<br>0.00 | 31.62<br>-0.84<br>0.00 | 37.74<br>-1.37<br>0.00  | 37.21<br>-1.79<br>0.00  | 33.69<br>-1.92<br>0.00  | 31.26<br>-2.07<br>0.00  | 33.89<br>-2.36<br>0.00  | 36.10<br>-2.51<br>0.00  | 36.91<br>-2.61<br>0.00  | 39.40<br>-2.78<br>-0.10 | 37.99<br>-2.60<br>0.00  | 42.38<br>-2.80<br>0.00  | 52.51<br>-3.06<br>0.00  | 67.64<br>-3.71<br>0.00   | 83.81<br>-1.69<br>-0.73   | 87.12<br>-0.87<br>-0.67 | 86.22<br>-0.51<br>-1.30 | 59.30<br>-0.72<br>0.00  | 48.30<br>-0.84<br>0.00  | 43.12<br>-0.66<br>0.00  |
| HARDSCRABBLE_WT_PWR<br>323673                | 39.52<br>0.89<br>0.00  | 29.97<br>0.56<br>0.00   | 27.84<br>0.30<br>0.00   | 28.15<br>0.08<br>0.00   | 29.99<br>-0.06<br>0.00 | 32.40<br>-0.06<br>0.00 | 38.99<br>-0.12<br>0.00  | 38.92<br>-0.08<br>0.00  | 35.72<br>0.11<br>0.00   | 33.63<br>0.30<br>0.00   | 36.79<br>0.54<br>0.00   | 39.27<br>0.66<br>0.00   | 40.12<br>0.59<br>0.00   | 42.72<br>0.63<br>0.00   | 41.15<br>0.57<br>0.00   | 45.73<br>0.54<br>0.00   | 56.45<br>0.89<br>0.00   | 72.42<br>1.07<br>0.00    | 86.64<br>1.86<br>0.00     | 89.33<br>2.01<br>0.00   | 86.97<br>1.54<br>0.00   | 60.62<br>0.60<br>0.00   | 49.82<br>0.69<br>0.00   | 44.39<br>0.61<br>0.00   |
| HARRIMAN_69_KV_BK771_REV_LBMP_G<br>345025    | 41.34<br>2.70<br>0.00  | 35.10<br>2.03<br>-3.66  | 32.56<br>1.90<br>-3.13  | 32.01<br>1.82<br>-2.12  | 31.88<br>1.83<br>0.00  | 34.35<br>1.88<br>0.00  | 41.42<br>2.31<br>0.00   | 41.61<br>2.61<br>0.00   | 38.10<br>2.49<br>0.00   | 35.99<br>2.67<br>0.00   | 39.15<br>2.90<br>0.00   | 41.82<br>3.20<br>0.00   | 52.31<br>3.79<br>-8.99  | 66.55<br>4.12<br>-20.34 | 72.79<br>3.94<br>-28.27 | 71.37<br>4.34<br>-21.85 | 88.08<br>5.50<br>-27.01 | 106.16<br>7.28<br>-27.53 | 93.18<br>8.99<br>0.58     | 96.22<br>8.91<br>0.00   | 93.29<br>7.86<br>0.00   | 64.58<br>4.56<br>0.00   | 52.67<br>3.54<br>0.00   | 46.88<br>3.11<br>0.00   |
| HARSNRAD_115KV_TB1<br>81005                  | 34.92<br>-3.71<br>0.00 | 26.54<br>-3.50<br>-0.63 | 24.93<br>-3.14<br>-0.53 | 24.94<br>-3.48<br>-0.36 | 26.17<br>-3.88<br>0.00 | 28.11<br>-4.19<br>0.17 | 26.41<br>-4.38<br>8.32  | 25.38<br>-4.02<br>9.61  | 25.32<br>-3.42<br>6.88  | 25.97<br>-3.03<br>4.33  | 27.60<br>-3.33<br>5.32  | 30.34<br>-3.48<br>4.80  | 29.79<br>-3.64<br>6.10  | 28.85<br>-3.96<br>9.28  | 30.41<br>-3.94<br>6.23  | 32.69<br>-4.25<br>8.25  | 40.11<br>-4.67<br>10.79 | 52.83<br>-6.35<br>12.18  | 68.49<br>-5.93<br>10.35   | 81.73<br>-5.59<br>0.00  | 78.31<br>-7.09<br>0.03  | 48.22<br>-6.00<br>5.80  | 39.47<br>-4.42<br>5.24  | 40.09<br>-3.68<br>0.01  |
| HARZA MOOSE___RIVER<br>24016                 | 38.98<br>0.35<br>0.00  | 29.82<br>0.24<br>-0.17  | 27.87<br>0.19<br>-0.15  | 28.13<br>-0.03<br>-0.10 | 29.81<br>-0.24<br>0.00 | 32.34<br>-0.13<br>0.00 | 38.80<br>-0.31<br>0.00  | 38.49<br>-0.51<br>0.00  | 34.90<br>-0.71<br>0.00  | 32.39<br>-0.93<br>0.00  | 35.16<br>-1.09<br>0.00  | 37.45<br>-1.16<br>0.00  | 38.38<br>-1.15<br>0.00  | 40.96<br>-1.22<br>-0.09 | 39.65<br>-0.93<br>0.00  | 44.28<br>-0.90<br>0.00  | 54.95<br>-0.61<br>0.00  | 70.71<br>-0.64<br>0.00   | 88.36<br>2.88<br>-0.70    | 91.81<br>3.84<br>-0.64  | 90.52<br>3.84<br>-1.25  | 62.06<br>2.04<br>0.00   | 50.41<br>1.28<br>0.00   | 44.82<br>1.05<br>0.00   |
| HDSNBRDG_115KV_BRDG_TB1<br>355580            | 38.21<br>-0.42<br>0.00 | 29.47<br>-0.32<br>-0.39 | 27.51<br>-0.36<br>-0.33 | 27.89<br>-0.39<br>-0.22 | 29.60<br>-0.45<br>0.00 | 32.01<br>-0.45<br>0.00 | 38.64<br>-0.47<br>0.00  | 38.57<br>-0.43<br>0.00  | 35.25<br>-0.36<br>0.00  | 33.03<br>-0.30<br>0.00  | 35.89<br>-0.36<br>0.00  | 38.27<br>-0.35<br>0.00  | 39.09<br>-0.43<br>0.00  | 41.82<br>-0.46<br>-0.20 | 40.14<br>-0.45<br>0.00  | 44.61<br>-0.36<br>0.22  | 54.62<br>-0.22<br>0.73  | 69.50<br>-0.21<br>1.64   | 86.61<br>0.34<br>-1.49    | 89.22<br>0.52<br>-1.37  | 88.44<br>0.34<br>-2.67  | 58.56<br>-0.24<br>1.22  | 48.13<br>-0.34<br>0.66  | 43.47<br>-0.31<br>0.00  |
| HELLGATE_13_KV_LD<br>55870                   | 42.11<br>3.48<br>0.00  | 35.79<br>2.59<br>-3.79  | 33.23<br>2.45<br>-3.25  | 32.65<br>2.39<br>-2.21  | 32.49<br>2.43<br>-0.01 | 34.97<br>2.50<br>0.00  | 42.08<br>2.97<br>0.00   | 42.27<br>3.28<br>0.00   | 38.88<br>3.28<br>0.00   | 36.90<br>3.57<br>-0.01  | 40.06<br>3.81<br>-0.01  | 42.83<br>4.21<br>-0.01  | 46.95<br>4.82<br>-2.61  | 53.53<br>5.13<br>-6.31  | 63.15<br>4.71<br>-17.86 | 63.65<br>5.20<br>-13.27 | 90.18<br>6.45<br>-28.17 | 91.89<br>8.35<br>-12.19  | 100.07<br>10.09<br>-5.20  | 97.28<br>9.95<br>0.00   | 94.15<br>8.71<br>0.00   | 65.30<br>5.28<br>0.00   | 53.65<br>4.52<br>0.00   | 47.76<br>3.98<br>0.00   |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J<br>345018 | 42.11<br>3.48<br>0.00  | 35.79<br>2.59<br>-3.79  | 33.23<br>2.45<br>-3.25  | 32.65<br>2.39<br>-2.21  | 32.49<br>2.43<br>-0.01 | 34.97<br>2.50<br>0.00  | 42.08<br>2.97<br>0.00   | 42.27<br>3.28<br>0.00   | 38.88<br>3.28<br>0.00   | 36.90<br>3.57<br>-0.01  | 40.06<br>3.81<br>-0.01  | 42.83<br>4.21<br>-0.01  | 46.95<br>4.82<br>-2.61  | 53.53<br>5.13<br>-6.31  | 63.15<br>4.71<br>-17.86 | 63.65<br>5.20<br>-13.27 | 90.18<br>6.45<br>-28.17 | 91.89<br>8.35<br>-12.19  | 100.07<br>10.09<br>-5.20  | 97.28<br>9.95<br>0.00   | 94.15<br>8.71<br>0.00   | 65.30<br>5.28<br>0.00   | 53.65<br>4.52<br>0.00   | 47.76<br>3.98<br>0.00   |
| HEMPSTEAD____<br>23647                       | 42.16<br>3.52<br>-0.01 | 35.76<br>2.56<br>-3.79  | 33.14<br>2.37<br>-3.24  | 32.56<br>2.30<br>-2.20  | 32.57<br>2.52<br>0.00  | 34.97<br>2.50<br>0.00  | 42.12<br>3.01<br>0.00   | 42.47<br>3.43<br>-0.04  | 38.85<br>3.24<br>0.00   | 36.67<br>3.33<br>-0.01  | 39.81<br>3.55<br>-0.01  | 42.80<br>4.17<br>-0.01  | 46.52<br>4.50<br>-2.50  | 52.40<br>4.67<br>-5.64  | 52.72<br>4.30<br>-7.84  | 62.34<br>4.66<br>-12.50 | 90.94<br>5.89<br>-29.49 | 100.04<br>7.64<br>-21.05 | 105.09<br>10.00<br>-10.31 | 97.30<br>9.95<br>-0.03  | 94.00<br>8.54<br>-0.03  | 83.68<br>5.46<br>-18.19 | 53.46<br>4.32<br>-0.01  | 47.81<br>4.02<br>-0.01  |
| HICKLING___1<br>23621                        | 37.86<br>-0.77<br>0.00 | 29.44<br>-1.00<br>-1.03 | 27.42<br>-0.99<br>-0.88 | 27.56<br>-1.09<br>-0.60 | 28.91<br>-1.14<br>0.00 | 31.46<br>-1.01<br>0.00 | 42.52<br>-1.25<br>-4.66 | 42.56<br>-0.97<br>-4.53 | 39.35<br>-0.28<br>-4.02 | 35.66<br>-0.20<br>-2.53 | 39.11<br>-0.25<br>-3.11 | 41.27<br>-0.15<br>-2.81 | 42.97<br>-0.12<br>-3.57 | 47.56<br>-0.08<br>-5.56 | 44.03<br>-0.20<br>-3.65 | 49.59<br>0.05<br>-4.36  | 61.70<br>0.72<br>-5.41  | 76.27<br>0.86<br>-4.06   | 97.90<br>2.46<br>-10.67   | 90.54<br>2.36<br>-0.86  | 88.65<br>1.54<br>-1.69  | 61.35<br>0.48<br>-0.85  | 50.92<br>0.15<br>-1.64  | 43.39<br>-0.39<br>-0.01 |
| HICKLING___2<br>23622                        | 37.86<br>-0.77<br>0.00 | 29.44<br>-1.00<br>-1.03 | 27.42<br>-0.99<br>-0.88 | 27.56<br>-1.09<br>-0.60 | 28.91<br>-1.14<br>0.00 | 31.46<br>-1.01<br>0.00 | 42.52<br>-1.25<br>-4.66 | 42.56<br>-0.97<br>-4.53 | 39.35<br>-0.28<br>-4.02 | 35.66<br>-0.20<br>-2.53 | 39.11<br>-0.25<br>-3.11 | 41.27<br>-0.15<br>-2.81 | 42.97<br>-0.12<br>-3.57 | 47.56<br>-0.08<br>-5.56 | 44.03<br>-0.20<br>-3.65 | 49.59<br>0.05<br>-4.36  | 61.70<br>0.72<br>-5.41  | 76.27<br>0.86<br>-4.06   | 97.90<br>2.46<br>-10.67   | 90.54<br>2.36<br>-0.86  | 88.65<br>1.54<br>-1.69  | 61.35<br>0.48<br>-0.85  | 50.92<br>0.15<br>-1.64  | 43.39<br>-0.39<br>-0.01 |
| HIGH FALLS___HY<br>23754                     | 41.53<br>2.90<br>0.00  | 35.36<br>2.18<br>-3.77  | 32.77<br>2.01<br>-3.22  | 32.16<br>1.91<br>-2.19  | 31.94<br>1.89<br>0.00  | 34.45<br>1.98<br>0.00  | 41.61<br>2.50<br>0.00   | 41.81<br>2.81<br>0.00   | 38.39<br>2.78<br>0.00   | 36.23<br>2.90<br>0.00   | 39.33<br>3.08<br>0.00   | 42.01<br>3.40<br>0.00   | 43.55<br>4.03<br>0.00   | 46.42<br>4.33<br>0.00   | 44.76<br>4.18<br>0.00   | 49.89<br>4.70<br>0.00   | 61.73<br>6.17<br>0.00   | 79.91<br>8.56<br>0.00    | 95.46<br>10.68<br>0.00    | 98.15<br>10.83<br>0.00  | 94.91<br>9.48<br>0.00   | 65.54<br>5.52<br>0.00   | 53.41<br>4.27<br>0.00   | 47.41<br>3.63<br>0.00   |
| HIGH_RIVER___SOLAR<br>323847                 | 40.14<br>1.51<br>0.00  | 35.26<br>1.26<br>-4.59  | 32.56<br>1.10<br>-3.92  | 31.85<br>1.12<br>-2.66  | 31.25<br>1.20<br>0.00  | 33.73<br>1.26<br>0.00  | 40.51<br>1.41<br>0.00   | 40.09<br>1.09<br>0.00   | 36.18<br>0.57<br>0.00   | 33.59<br>0.27<br>0.00   | 36.47<br>0.22<br>0.00   | 38.73<br>0.12<br>0.00   | 39.76<br>0.24<br>0.00   | 42.42<br>0.34<br>0.00   | 40.91<br>0.32<br>0.00   | 45.64<br>0.45<br>0.00   | 56.51<br>0.94<br>0.00   | 73.35<br>2.00<br>0.00    | 88.50<br>3.73<br>0.00     | 91.86<br>4.54<br>0.00   | 89.95<br>4.52<br>0.00   | 62.90<br>2.88<br>0.00   | 51.39<br>2.26<br>0.00   | 45.66<br>1.88<br>0.00   |
| HILLBURN___GT<br>23639                       | 41.38<br>2.74<br>0.00  | 35.10<br>2.00<br>-3.69  | 32.61<br>1.93<br>-3.15  | 32.05<br>1.85<br>-2.14  | 31.94<br>1.89<br>0.00  | 34.41<br>1.95<br>0.00  | 41.38<br>2.27<br>0.00   | 41.65<br>2.61<br>-0.04  | 38.21<br>2.60<br>0.00   | 36.16<br>2.83<br>0.00   | 39.29<br>3.05<br>0.00   | 42.01<br>3.40<br>0.00   | 50.79<br>3.99<br>-7.27  | 62.88<br>4.34<br>-16.45 | 67.56<br>4.10<br>-22.88 | 67.17<br>4.43<br>-17.55 | 82.54<br>5.56<br>-21.42 | 100.57<br>7.20<br>-22.02 | 93.00<br>8.90<br>0.67     | 96.13<br>8.82<br>0.00   | 93.12<br>7.69<br>0.00   | 64.52<br>4.50<br>0.00   | 52.72<br>3.58<br>0.00   | 46.93<br>3.15<br>0.00   |
| HILLSIDE_115KV_TB1<br>80332                  | 37.59<br>-1.04<br>0.00 | 29.27<br>-1.21<br>-1.07 | 27.29<br>-1.16<br>-0.91 | 27.42<br>-1.26<br>-0.62 | 28.73<br>-1.32<br>0.00 | 31.23<br>-1.23<br>0.00 | 41.08<br>-1.56<br>-3.53 | 41.22<br>-1.25<br>-3.47 | 38.12<br>-0.50<br>-3.01 | 34.82<br>-0.40<br>-1.89 | 38.10<br>-0.47<br>-2.32 | 40.29<br>-0.42<br>-2.10 | 41.79<br>-0.40<br>-2.67 | 45.85<br>-0.42<br>-4.19 | 42.82<br>-0.49<br>-2.73 | 48.13<br>-0.27<br>-3.22 | 59.74<br>0.22<br>-3.96  | 74.18<br>0.07<br>-2.76   | 94.44<br>1.36<br>-8.30    | 89.34<br>1.14<br>-0.89  | 87.50<br>0.34<br>-1.73  | 60.25<br>-0.18<br>-0.41 | 49.95<br>-0.29<br>-1.11 | 42.95<br>-0.83<br>0.00  |

|                               |                        |                         |                         |                         |                        |                         |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                           |                           |                         |                         |                          |                          |                         |
|-------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| HISHELDN_WT_PWR<br>323625     | 35.73<br>-2.90<br>0.00 | 27.26<br>-2.88<br>-0.74 | 25.46<br>-2.70<br>-0.63 | 25.51<br>-2.98<br>-0.43 | 26.80<br>-3.25<br>0.00 | 28.89<br>-3.34<br>0.23  | 9.25<br>-3.91<br>25.95   | 6.81<br>-3.47<br>28.72   | 13.65<br>-2.60<br>19.36  | 18.75<br>-2.40<br>12.18  | 18.67<br>-2.61<br>14.97  | 22.39<br>-2.70<br>13.52  | 19.55<br>-2.81<br>17.16  | 12.84<br>-3.11<br>26.13  | 19.83<br>-3.21<br>17.55  | 19.47<br>-3.34<br>22.38  | 24.96<br>-3.45<br>27.16  | 39.25<br>-4.57<br>27.53   | 44.68<br>-3.81<br>36.29   | 83.82<br>-3.50<br>0.00  | 80.66<br>-4.70<br>0.07  | 44.72<br>-3.84<br>11.46  | 34.06<br>-3.44<br>11.63  | 40.51<br>-3.24<br>0.03  |
| HOLTSVILLE_IC_1<br>23690      | 42.31<br>3.67<br>-0.01 | 35.90<br>2.70<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.64<br>2.38<br>-2.20  | 32.78<br>2.73<br>0.00  | 35.16<br>2.69<br>0.00   | 42.32<br>3.21<br>0.00    | 42.78<br>3.74<br>-0.04   | 38.92<br>3.31<br>0.00    | 36.66<br>3.33<br>-0.01   | 39.77<br>3.52<br>-0.01   | 42.87<br>4.25<br>-0.01   | 46.33<br>4.31<br>-2.50   | 51.93<br>4.21<br>-5.64   | 52.23<br>3.81<br>-7.84   | 56.04<br>4.25<br>-6.61   | 70.23<br>5.28<br>-9.38   | 86.90<br>6.78<br>-8.77    | 94.83<br>9.33<br>-0.73    | 96.57<br>9.25<br>0.00   | 93.28<br>7.85<br>0.00   | 68.47<br>5.22<br>-3.23   | 53.21<br>4.08<br>0.00    | 47.81<br>4.02<br>-0.01  |
| HOLTSVILLE_IC_10<br>23699     | 42.47<br>3.83<br>-0.01 | 36.02<br>2.82<br>-3.79  | 33.30<br>2.53<br>-3.24  | 32.73<br>2.47<br>-2.20  | 32.90<br>2.86<br>0.00  | 35.29<br>2.82<br>0.00   | 42.47<br>3.36<br>0.00    | 42.90<br>3.86<br>-0.04   | 39.03<br>3.42<br>0.00    | 36.80<br>3.47<br>-0.01   | 39.91<br>3.66<br>-0.01   | 42.98<br>4.36<br>-0.01   | 46.48<br>4.46<br>-2.50   | 52.10<br>4.38<br>-5.64   | 52.40<br>3.98<br>-7.84   | 56.42<br>4.47<br>-6.76   | 71.00<br>5.56<br>-9.88   | 87.49<br>7.07<br>-9.07    | 95.49<br>9.75<br>-0.97    | 97.01<br>9.69<br>0.00   | 93.71<br>8.28<br>0.00   | 69.12<br>5.52<br>-3.58   | 53.46<br>4.32<br>0.00    | 48.03<br>4.24<br>-0.01  |
| HOLTSVILLE_IC_2<br>23691      | 42.31<br>3.67<br>-0.01 | 35.90<br>2.70<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.64<br>2.38<br>-2.20  | 32.78<br>2.73<br>0.00  | 35.16<br>2.69<br>0.00   | 42.32<br>3.21<br>0.00    | 42.78<br>3.74<br>-0.04   | 38.92<br>3.31<br>0.00    | 36.66<br>3.33<br>-0.01   | 39.77<br>3.52<br>-0.01   | 42.87<br>4.25<br>-0.01   | 46.33<br>4.31<br>-2.50   | 51.93<br>4.21<br>-5.64   | 52.23<br>3.81<br>-7.84   | 56.04<br>4.25<br>-6.61   | 70.23<br>5.28<br>-9.38   | 86.90<br>6.78<br>-8.77    | 94.83<br>9.33<br>-0.73    | 96.57<br>9.25<br>0.00   | 93.28<br>7.85<br>0.00   | 68.47<br>5.22<br>-3.23   | 53.21<br>4.08<br>0.00    | 47.81<br>4.02<br>-0.01  |
| HOLTSVILLE_IC_3<br>23692      | 42.31<br>3.67<br>-0.01 | 35.90<br>2.70<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.64<br>2.38<br>-2.20  | 32.78<br>2.73<br>0.00  | 35.16<br>2.69<br>0.00   | 42.32<br>3.21<br>0.00    | 42.78<br>3.74<br>-0.04   | 38.92<br>3.31<br>0.00    | 36.66<br>3.33<br>-0.01   | 39.77<br>3.52<br>-0.01   | 42.87<br>4.25<br>-0.01   | 46.33<br>4.31<br>-2.50   | 51.93<br>4.21<br>-5.64   | 52.23<br>3.81<br>-7.84   | 56.04<br>4.25<br>-6.61   | 70.23<br>5.28<br>-9.38   | 86.90<br>6.78<br>-8.77    | 94.83<br>9.33<br>-0.73    | 96.57<br>9.25<br>0.00   | 93.28<br>7.85<br>0.00   | 68.47<br>5.22<br>-3.23   | 53.21<br>4.08<br>0.00    | 47.81<br>4.02<br>-0.01  |
| HOLTSVILLE_IC_4<br>23693      | 42.31<br>3.67<br>-0.01 | 35.90<br>2.70<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.64<br>2.38<br>-2.20  | 32.78<br>2.73<br>0.00  | 35.16<br>2.69<br>0.00   | 42.32<br>3.21<br>0.00    | 42.78<br>3.74<br>-0.04   | 38.92<br>3.31<br>0.00    | 36.66<br>3.33<br>-0.01   | 39.77<br>3.52<br>-0.01   | 42.87<br>4.25<br>-0.01   | 46.33<br>4.31<br>-2.50   | 51.93<br>4.21<br>-5.64   | 52.23<br>3.81<br>-7.84   | 56.04<br>4.25<br>-6.61   | 70.23<br>5.28<br>-9.38   | 86.90<br>6.78<br>-8.77    | 94.83<br>9.33<br>-0.73    | 96.57<br>9.25<br>0.00   | 93.28<br>7.85<br>0.00   | 68.47<br>5.22<br>-3.23   | 53.21<br>4.08<br>0.00    | 47.81<br>4.02<br>-0.01  |
| HOLTSVILLE_IC_5<br>23694      | 42.31<br>3.67<br>-0.01 | 35.90<br>2.70<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.64<br>2.38<br>-2.20  | 32.78<br>2.73<br>0.00  | 35.16<br>2.69<br>0.00   | 42.32<br>3.21<br>0.00    | 42.78<br>3.74<br>-0.04   | 38.92<br>3.31<br>0.00    | 36.66<br>3.33<br>-0.01   | 39.77<br>3.52<br>-0.01   | 42.87<br>4.25<br>-0.01   | 46.33<br>4.31<br>-2.50   | 51.93<br>4.21<br>-5.64   | 52.23<br>3.81<br>-7.84   | 56.04<br>4.25<br>-6.61   | 70.23<br>5.28<br>-9.38   | 86.90<br>6.78<br>-8.77    | 94.83<br>9.33<br>-0.73    | 96.57<br>9.25<br>0.00   | 93.28<br>7.85<br>0.00   | 68.47<br>5.22<br>-3.23   | 53.21<br>4.08<br>0.00    | 47.81<br>4.02<br>-0.01  |
| HOLTSVILLE_IC_6<br>23695      | 42.47<br>3.83<br>-0.01 | 36.02<br>2.82<br>-3.79  | 33.30<br>2.53<br>-3.24  | 32.73<br>2.47<br>-2.20  | 32.90<br>2.86<br>0.00  | 35.29<br>2.82<br>0.00   | 42.47<br>3.36<br>0.00    | 42.90<br>3.86<br>-0.04   | 39.03<br>3.42<br>0.00    | 36.80<br>3.47<br>-0.01   | 39.91<br>3.66<br>-0.01   | 42.98<br>4.36<br>-0.01   | 46.48<br>4.46<br>-2.50   | 52.10<br>4.38<br>-5.64   | 52.40<br>3.98<br>-7.84   | 56.42<br>4.47<br>-6.76   | 71.00<br>5.56<br>-9.88   | 87.49<br>7.07<br>-9.07    | 95.49<br>9.75<br>-0.97    | 97.01<br>9.69<br>0.00   | 93.71<br>8.28<br>0.00   | 69.12<br>5.52<br>-3.58   | 53.46<br>4.32<br>0.00    | 48.03<br>4.24<br>-0.01  |
| HOLTSVILLE_IC_7<br>23696      | 42.47<br>3.83<br>-0.01 | 36.02<br>2.82<br>-3.79  | 33.30<br>2.53<br>-3.24  | 32.73<br>2.47<br>-2.20  | 32.90<br>2.86<br>0.00  | 35.29<br>2.82<br>0.00   | 42.47<br>3.36<br>0.00    | 42.90<br>3.86<br>-0.04   | 39.03<br>3.42<br>0.00    | 36.80<br>3.47<br>-0.01   | 39.91<br>3.66<br>-0.01   | 42.98<br>4.36<br>-0.01   | 46.48<br>4.46<br>-2.50   | 52.10<br>4.38<br>-5.64   | 52.40<br>3.98<br>-7.84   | 56.42<br>4.47<br>-6.76   | 71.00<br>5.56<br>-9.88   | 87.49<br>7.07<br>-9.07    | 95.49<br>9.75<br>-0.97    | 97.01<br>9.69<br>0.00   | 93.71<br>8.28<br>0.00   | 69.12<br>5.52<br>-3.58   | 53.46<br>4.32<br>0.00    | 48.03<br>4.24<br>-0.01  |
| HOLTSVILLE_IC_8<br>23697      | 42.47<br>3.83<br>-0.01 | 36.02<br>2.82<br>-3.79  | 33.30<br>2.53<br>-3.24  | 32.73<br>2.47<br>-2.20  | 32.90<br>2.86<br>0.00  | 35.29<br>2.82<br>0.00   | 42.47<br>3.36<br>0.00    | 42.90<br>3.86<br>-0.04   | 39.03<br>3.42<br>0.00    | 36.80<br>3.47<br>-0.01   | 39.91<br>3.66<br>-0.01   | 42.98<br>4.36<br>-0.01   | 46.48<br>4.46<br>-2.50   | 52.10<br>4.38<br>-5.64   | 52.40<br>3.98<br>-7.84   | 56.42<br>4.47<br>-6.76   | 71.00<br>5.56<br>-9.88   | 87.49<br>7.07<br>-9.07    | 95.49<br>9.75<br>-0.97    | 97.01<br>9.69<br>0.00   | 93.71<br>8.28<br>0.00   | 69.12<br>5.52<br>-3.58   | 53.46<br>4.32<br>0.00    | 48.03<br>4.24<br>-0.01  |
| HOLTSVILLE_IC_9<br>23698      | 42.47<br>3.83<br>-0.01 | 36.02<br>2.82<br>-3.79  | 33.30<br>2.53<br>-3.24  | 32.73<br>2.47<br>-2.20  | 32.90<br>2.86<br>0.00  | 35.29<br>2.82<br>0.00   | 42.47<br>3.36<br>0.00    | 42.90<br>3.86<br>-0.04   | 39.03<br>3.42<br>0.00    | 36.80<br>3.47<br>-0.01   | 39.91<br>3.66<br>-0.01   | 42.98<br>4.36<br>-0.01   | 46.48<br>4.46<br>-2.50   | 52.10<br>4.38<br>-5.64   | 52.40<br>3.98<br>-7.84   | 56.42<br>4.47<br>-6.76   | 71.00<br>5.56<br>-9.88   | 87.49<br>7.07<br>-9.07    | 95.49<br>9.75<br>-0.97    | 97.01<br>9.69<br>0.00   | 93.71<br>8.28<br>0.00   | 69.12<br>5.52<br>-3.58   | 53.46<br>4.32<br>0.00    | 48.03<br>4.24<br>-0.01  |
| HOMER_HL_115KV_TB2<br>355744  | 35.58<br>-3.05<br>0.00 | 26.88<br>-3.29<br>-0.77 | 25.08<br>-3.11<br>-0.65 | 25.17<br>-3.34<br>-0.44 | 26.71<br>-3.34<br>0.00 | 29.49<br>-2.89<br>0.09  | 32.46<br>-4.22<br>2.42   | 30.16<br>-3.24<br>5.60   | 28.06<br>-0.57<br>6.98   | 28.53<br>-0.40<br>4.40   | 30.38<br>-0.47<br>5.40   | 33.35<br>-0.39<br>4.88   | 32.93<br>-0.40<br>6.19   | 32.07<br>-0.59<br>9.42   | 33.65<br>-0.61<br>6.33   | 36.52<br>-0.36<br>8.30   | 46.35<br>0.39<br>9.61    | 59.85<br>-0.57<br>10.93   | 72.75<br>0.76<br>12.79    | 86.18<br>-1.14<br>0.00  | 83.10<br>-2.31<br>0.03  | 53.81<br>-0.96<br>5.25   | 44.22<br>-0.44<br>4.47   | 41.27<br>-2.50<br>0.01  |
| HOWARD_WT_PWR<br>323690       | 37.09<br>-1.55<br>0.00 | 28.59<br>-1.68<br>-0.86 | 26.61<br>-1.65<br>-0.73 | 26.76<br>-1.80<br>-0.50 | 28.16<br>-1.89<br>0.00 | 30.82<br>-1.79<br>-0.14 | 64.70<br>-2.19<br>-27.78 | 67.16<br>-1.95<br>-30.11 | 61.43<br>-1.39<br>-27.21 | 49.07<br>-1.37<br>-17.11 | 55.77<br>-1.52<br>-21.04 | 56.06<br>-1.55<br>-19.00 | 61.99<br>-1.66<br>-24.12 | 77.08<br>-1.85<br>-36.85 | 62.98<br>-2.27<br>-24.67 | 73.49<br>-2.35<br>-30.66 | 91.58<br>-2.17<br>-38.18 | 103.45<br>-2.50<br>-34.59 | 145.09<br>-0.59<br>-60.91 | 87.95<br>-0.09<br>-0.72 | 85.65<br>-1.28<br>-1.50 | 69.93<br>-2.04<br>-11.95 | 61.27<br>-2.11<br>-14.25 | 41.53<br>-2.28<br>-0.04 |
| HQ_GEN_CEDARS<br>23644        | 38.25<br>-0.39<br>0.00 | 29.12<br>-0.29<br>0.00  | 27.20<br>-0.33<br>0.00  | 27.75<br>-0.31<br>0.00  | 29.78<br>-0.27<br>0.00 | 32.24<br>-0.23<br>0.00  | 38.83<br>-0.27<br>0.00   | 38.53<br>-0.47<br>0.00   | 35.22<br>-0.39<br>0.00   | 32.89<br>-0.43<br>0.00   | 35.78<br>-0.47<br>0.00   | 38.15<br>-0.46<br>0.00   | 39.01<br>-0.51<br>0.00   | 41.50<br>-0.59<br>0.00   | 39.98<br>-0.61<br>0.00   | 44.51<br>-0.68<br>0.00   | 54.56<br>-1.00<br>0.00   | 69.93<br>-1.43<br>0.00    | 82.83<br>-1.95<br>0.00    | 85.40<br>-1.92<br>0.00  | 83.81<br>-1.62<br>0.00  | 59.24<br>-0.78<br>0.00   | 48.64<br>-0.49<br>0.00   | 43.38<br>-0.39<br>0.00  |
| HQ_GEN_CEDARS_PROXY<br>323590 | 38.25<br>-0.39<br>0.00 | 29.12<br>-0.29<br>0.00  | 27.20<br>-0.33<br>0.00  | 27.75<br>-0.31<br>0.00  | 29.78<br>-0.27<br>0.00 | 32.24<br>-0.23<br>0.00  | 38.84<br>-0.27<br>0.00   | 38.53<br>-0.47<br>0.00   | 35.22<br>-0.39<br>0.00   | 32.89<br>-0.43<br>0.00   | 35.78<br>-0.47<br>0.00   | 38.15<br>-0.46<br>0.00   | 39.01<br>-0.51<br>0.00   | 40.90<br>-0.59<br>0.60   | 40.57<br>-0.61<br>-0.60  | 44.51<br>-0.68<br>0.00   | 54.57<br>-1.00<br>0.00   | 72.29<br>-1.43<br>-2.36   | 80.47<br>-1.95<br>2.36    | 85.40<br>-1.92<br>0.00  | 79.74<br>-1.54<br>4.16  | 63.34<br>-0.84<br>-4.16  | 49.70<br>-0.49<br>-1.06  | 42.32<br>-0.39<br>1.06  |

|                               |                        |                         |                         |                         |                        |                        |                         |                         |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                          |                         |                        |                         |                         |                        |
|-------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|
| HQ_GEN_CHPE_PROXY<br>323851   | 41.76<br>3.13<br>0.00  | 35.50<br>2.30<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.39<br>2.13<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.70<br>2.24<br>0.00  | 41.73<br>2.62<br>0.00   | 42.00<br>2.96<br>-0.04  | 38.63<br>3.03<br>0.00  | 36.64<br>3.30<br>-0.01 | 39.82<br>3.55<br>-0.01 | 42.57<br>3.94<br>-0.01 | 46.63<br>4.50<br>-2.61 | 52.66<br>4.88<br>-5.70  | 63.67<br>4.62<br>-18.46 | 63.48<br>5.02<br>-13.27 | 90.78<br>6.28<br>-28.94 | 96.89<br>8.06<br>-17.48 | 97.91<br>9.83<br>-3.30   | 97.11<br>9.78<br>-0.01  | 89.82<br>8.54<br>4.15  | 69.28<br>5.10<br>-4.16  | 54.42<br>4.23<br>-1.06  | 46.40<br>3.68<br>1.06  |
| HQ_GEN_IMPORT<br>323601       | 38.40<br>-0.23<br>0.00 | 29.21<br>-0.20<br>0.00  | 27.37<br>-0.16<br>0.00  | 27.92<br>-0.14<br>0.00  | 29.96<br>-0.09<br>0.00 | 32.40<br>-0.06<br>0.00 | 39.03<br>-0.08<br>0.00  | 38.88<br>-0.12<br>0.00  | 35.50<br>-0.11<br>0.00 | 33.19<br>-0.13<br>0.00 | 36.14<br>-0.11<br>0.00 | 38.50<br>-0.12<br>0.00 | 39.36<br>-0.16<br>0.00 | 41.32<br>-0.17<br>0.60  | 41.02<br>-0.16<br>-0.60 | 44.96<br>-0.22<br>0.00  | 55.23<br>-0.33<br>0.00  | 74.37<br>-0.57<br>-3.59 | 80.00<br>-1.19<br>3.59   | 86.01<br>-1.31<br>0.00  | 79.99<br>-1.02<br>4.42 | 64.08<br>-0.36<br>-4.42 | 49.94<br>-0.24<br>-1.06 | 42.54<br>-0.17<br>1.06 |
| HQ_GEN_WHEEL<br>23651         | 38.40<br>-0.23<br>0.00 | 29.21<br>-0.20<br>0.00  | 27.37<br>-0.16<br>0.00  | 27.92<br>-0.14<br>0.00  | 29.96<br>-0.09<br>0.00 | 32.40<br>-0.06<br>0.00 | 39.03<br>-0.08<br>0.00  | 38.88<br>-0.12<br>0.00  | 35.50<br>-0.11<br>0.00 | 33.19<br>-0.13<br>0.00 | 36.14<br>-0.11<br>0.00 | 38.50<br>-0.12<br>0.00 | 39.36<br>-0.16<br>0.00 | 41.32<br>-0.17<br>0.60  | 41.02<br>-0.16<br>-0.60 | 44.96<br>-0.22<br>0.00  | 55.23<br>-0.33<br>0.00  | 74.37<br>-0.57<br>-3.59 | 80.00<br>-1.19<br>3.59   | 86.01<br>-1.31<br>0.00  | 79.99<br>-1.02<br>4.42 | 64.08<br>-0.36<br>-4.42 | 49.94<br>-0.24<br>-1.06 | 42.54<br>-0.17<br>1.06 |
| HUDSON_AVE_GT_3<br>23810      | 41.92<br>3.28<br>0.00  | 35.64<br>2.44<br>-3.79  | 33.06<br>2.29<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.30<br>2.25<br>0.00  | 34.77<br>2.31<br>0.00  | 41.96<br>2.85<br>0.00   | 42.20<br>3.20<br>0.00   | 38.78<br>3.17<br>0.00  | 36.73<br>3.40<br>-0.01 | 39.95<br>3.70<br>-0.01 | 42.72<br>4.09<br>-0.01 | 46.83<br>4.70<br>-2.61 | 53.44<br>5.09<br>-6.26  | 63.24<br>4.79<br>-17.87 | 63.71<br>5.24<br>-13.28 | 91.07<br>6.56<br>-28.95 | 95.08<br>8.42<br>-15.30 | 100.84<br>10.26<br>-5.81 | 97.55<br>10.22<br>-0.01 | 94.50<br>9.06<br>-0.01 | 65.48<br>5.46<br>0.00   | 53.56<br>4.42<br>0.00   | 47.58<br>3.81<br>0.00  |
| HUDSON_AVE_GT_4<br>23540      | 41.92<br>3.28<br>0.00  | 35.64<br>2.44<br>-3.79  | 33.06<br>2.29<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.30<br>2.25<br>0.00  | 34.77<br>2.31<br>0.00  | 41.96<br>2.85<br>0.00   | 42.20<br>3.20<br>0.00   | 38.78<br>3.17<br>0.00  | 36.73<br>3.40<br>-0.01 | 39.95<br>3.70<br>-0.01 | 42.72<br>4.09<br>-0.01 | 46.83<br>4.70<br>-2.61 | 53.44<br>5.09<br>-6.26  | 63.24<br>4.79<br>-17.87 | 63.71<br>5.24<br>-13.28 | 91.07<br>6.56<br>-28.95 | 95.08<br>8.42<br>-15.30 | 100.84<br>10.26<br>-5.81 | 97.55<br>10.22<br>-0.01 | 94.50<br>9.06<br>-0.01 | 65.48<br>5.46<br>0.00   | 53.56<br>4.42<br>0.00   | 47.58<br>3.81<br>0.00  |
| HUDSON_AVE_GT_5<br>23657      | 41.92<br>3.28<br>0.00  | 35.64<br>2.44<br>-3.79  | 33.06<br>2.29<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.30<br>2.25<br>0.00  | 34.77<br>2.31<br>0.00  | 41.96<br>2.85<br>0.00   | 42.20<br>3.20<br>0.00   | 38.78<br>3.17<br>0.00  | 36.73<br>3.40<br>-0.01 | 39.95<br>3.70<br>-0.01 | 42.72<br>4.09<br>-0.01 | 46.83<br>4.70<br>-2.61 | 53.44<br>5.09<br>-6.26  | 63.24<br>4.79<br>-17.87 | 63.71<br>5.24<br>-13.28 | 91.07<br>6.56<br>-28.95 | 95.08<br>8.42<br>-15.30 | 100.84<br>10.26<br>-5.81 | 97.55<br>10.22<br>-0.01 | 94.50<br>9.06<br>-0.01 | 65.48<br>5.46<br>0.00   | 53.56<br>4.42<br>0.00   | 47.58<br>3.81<br>0.00  |
| HUDSON_AVE_I0<br>24168        | 41.72<br>3.09<br>0.00  | 35.47<br>2.26<br>-3.79  | 32.92<br>2.15<br>-3.24  | 32.33<br>2.08<br>-2.20  | 32.15<br>2.10<br>0.00  | 34.64<br>2.18<br>0.00  | 41.81<br>2.70<br>0.00   | 42.08<br>3.08<br>0.00   | 38.67<br>3.06<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.53<br>3.90<br>-0.01 | 46.75<br>4.62<br>-2.61 | 53.31<br>4.97<br>-6.26  | 63.00<br>4.55<br>-17.87 | 63.38<br>4.97<br>-13.23 | 90.51<br>6.17<br>-28.77 | 94.36<br>7.99<br>-15.02 | 100.03<br>9.66<br>-5.58  | 97.03<br>9.69<br>-0.01  | 94.07<br>8.63<br>-0.01 | 65.24<br>5.22<br>0.00   | 53.41<br>4.27<br>0.00   | 47.41<br>3.63<br>0.00  |
| HUDSON___115KV_TB 4<br>355613 | 40.22<br>1.58<br>0.00  | 34.95<br>1.26<br>-4.27  | 32.40<br>1.21<br>-3.65  | 31.77<br>1.23<br>-2.48  | 31.43<br>1.38<br>0.00  | 33.89<br>1.43<br>0.00  | 40.59<br>1.49<br>0.00   | 40.40<br>1.40<br>0.00   | 36.64<br>1.03<br>0.00  | 34.13<br>0.80<br>0.00  | 37.08<br>0.83<br>0.00  | 39.39<br>0.77<br>0.00  | 40.55<br>1.03<br>0.00  | 43.31<br>1.22<br>0.00   | 41.84<br>1.26<br>0.00   | 46.63<br>1.45<br>0.00   | 57.40<br>1.83<br>0.00   | 74.35<br>3.00<br>0.00   | 89.36<br>4.58<br>0.00    | 92.21<br>4.89<br>0.00   | 90.13<br>4.70<br>0.00  | 62.96<br>2.94<br>0.00   | 51.30<br>2.16<br>0.00   | 45.53<br>1.75<br>0.00  |
| HUNTER MOUNT___DRP<br>323613  | 40.37<br>1.74<br>0.00  | 34.92<br>1.29<br>-4.21  | 32.34<br>1.21<br>-3.60  | 31.71<br>1.21<br>-2.44  | 31.52<br>1.47<br>0.00  | 33.96<br>1.49<br>0.00  | 40.71<br>1.60<br>0.00   | 40.48<br>1.48<br>0.00   | 36.68<br>1.07<br>0.00  | 34.13<br>0.80<br>0.00  | 37.08<br>0.83<br>0.00  | 39.35<br>0.73<br>0.00  | 40.51<br>0.99<br>0.00  | 43.31<br>1.22<br>0.00   | 41.84<br>1.26<br>0.00   | 46.72<br>1.54<br>0.00   | 57.57<br>2.00<br>0.00   | 74.78<br>3.42<br>0.00   | 89.95<br>5.17<br>0.00    | 92.82<br>5.50<br>0.00   | 90.64<br>5.21<br>0.00  | 63.20<br>3.18<br>0.00   | 51.44<br>2.31<br>0.00   | 45.70<br>1.93<br>0.00  |
| HUNTINGTON_RES_REC<br>323705  | 42.19<br>3.55<br>-0.01 | 35.82<br>2.62<br>-3.79  | 33.14<br>2.37<br>-3.24  | 32.53<br>2.27<br>-2.20  | 32.66<br>2.61<br>0.00  | 35.03<br>2.56<br>0.00  | 42.16<br>3.05<br>0.00   | 42.59<br>3.55<br>-0.04  | 38.81<br>3.21<br>0.00  | 36.56<br>3.23<br>-0.01 | 39.70<br>3.45<br>-0.01 | 42.76<br>4.13<br>-0.01 | 46.29<br>4.27<br>-2.50 | 51.81<br>4.08<br>-5.64  | 52.15<br>3.73<br>-7.84  | 56.09<br>4.11<br>-6.79  | 70.78<br>5.22<br>-9.99  | 87.13<br>6.64<br>-9.14  | 94.96<br>9.16<br>-1.02   | 96.31<br>9.00<br>0.00   | 93.12<br>7.69<br>0.00  | 68.74<br>5.04<br>-3.67  | 53.02<br>3.88<br>0.00   | 47.77<br>3.98<br>-0.01 |
| HUNTLEY___63<br>23557         | 35.35<br>-3.28<br>0.00 | 26.86<br>-3.21<br>-0.65 | 25.17<br>-2.92<br>-0.56 | 25.19<br>-3.26<br>-0.38 | 26.47<br>-3.58<br>0.00 | 28.60<br>-3.70<br>0.16 | 25.85<br>-4.03<br>9.23  | 24.75<br>-3.51<br>10.74 | 25.17<br>-2.67<br>7.76 | 26.10<br>-2.33<br>4.89 | 27.70<br>-2.54<br>6.01 | 30.64<br>-2.55<br>5.43 | 29.99<br>-2.65<br>6.89 | 28.62<br>-2.99<br>10.48 | 30.54<br>-3.00<br>7.04  | 32.82<br>-3.12<br>9.25  | 40.93<br>-3.06<br>11.58 | 54.05<br>-4.35<br>12.95 | 67.53<br>-3.65<br>13.60  | 84.00<br>-3.32<br>0.00  | 80.27<br>-5.13<br>0.03 | 49.41<br>-4.50<br>6.11  | 40.45<br>-3.29<br>5.39  | 40.70<br>-3.06<br>0.01 |
| HUNTLEY___64<br>23558         | 35.35<br>-3.28<br>0.00 | 26.86<br>-3.21<br>-0.65 | 25.17<br>-2.92<br>-0.56 | 25.19<br>-3.26<br>-0.38 | 26.47<br>-3.58<br>0.00 | 28.60<br>-3.70<br>0.16 | 25.85<br>-4.03<br>9.23  | 24.75<br>-3.51<br>10.74 | 25.17<br>-2.67<br>7.76 | 26.10<br>-2.33<br>4.89 | 27.70<br>-2.54<br>6.01 | 30.64<br>-2.55<br>5.43 | 29.99<br>-2.65<br>6.89 | 28.62<br>-2.99<br>10.48 | 30.54<br>-3.00<br>7.04  | 32.82<br>-3.12<br>9.25  | 40.93<br>-3.06<br>11.58 | 54.05<br>-4.35<br>12.95 | 67.53<br>-3.65<br>13.60  | 84.00<br>-3.32<br>0.00  | 80.27<br>-5.13<br>0.03 | 49.41<br>-4.50<br>6.11  | 40.45<br>-3.29<br>5.39  | 40.70<br>-3.06<br>0.01 |
| HUNTLEY___65<br>23559         | 35.35<br>-3.28<br>0.00 | 26.86<br>-3.21<br>-0.65 | 25.17<br>-2.92<br>-0.56 | 25.19<br>-3.26<br>-0.38 | 26.47<br>-3.58<br>0.00 | 28.60<br>-3.70<br>0.16 | 25.85<br>-4.03<br>9.23  | 24.75<br>-3.51<br>10.74 | 25.17<br>-2.67<br>7.76 | 26.10<br>-2.33<br>4.89 | 27.70<br>-2.54<br>6.01 | 30.64<br>-2.55<br>5.43 | 29.99<br>-2.65<br>6.89 | 28.62<br>-2.99<br>10.48 | 30.54<br>-3.00<br>7.04  | 32.82<br>-3.12<br>9.25  | 40.93<br>-3.06<br>11.58 | 54.05<br>-4.35<br>12.95 | 67.53<br>-3.65<br>13.60  | 84.00<br>-3.32<br>0.00  | 80.27<br>-5.13<br>0.03 | 49.41<br>-4.50<br>6.11  | 40.45<br>-3.29<br>5.39  | 40.70<br>-3.06<br>0.01 |
| HUNTLEY___66<br>23560         | 35.35<br>-3.28<br>0.00 | 26.86<br>-3.21<br>-0.65 | 25.17<br>-2.92<br>-0.56 | 25.19<br>-3.26<br>-0.38 | 26.47<br>-3.58<br>0.00 | 28.60<br>-3.70<br>0.16 | 25.85<br>-4.03<br>9.23  | 24.75<br>-3.51<br>10.74 | 25.17<br>-2.67<br>7.76 | 26.10<br>-2.33<br>4.89 | 27.70<br>-2.54<br>6.01 | 30.64<br>-2.55<br>5.43 | 29.99<br>-2.65<br>6.89 | 28.62<br>-2.99<br>10.48 | 30.54<br>-3.00<br>7.04  | 32.82<br>-3.12<br>9.25  | 40.93<br>-3.06<br>11.58 | 54.05<br>-4.35<br>12.95 | 67.53<br>-3.65<br>13.60  | 84.00<br>-3.32<br>0.00  | 80.27<br>-5.13<br>0.03 | 49.41<br>-4.50<br>6.11  | 40.45<br>-3.29<br>5.39  | 40.70<br>-3.06<br>0.01 |
| HUNTLEY___67<br>23561         | 35.08<br>-3.55<br>0.00 | 26.69<br>-3.38<br>-0.66 | 25.04<br>-3.06<br>-0.56 | 25.08<br>-3.37<br>-0.38 | 26.32<br>-3.73<br>0.00 | 28.36<br>-3.96<br>0.15 | 24.28<br>-4.50<br>10.33 | 22.99<br>-4.06<br>11.96 | 23.87<br>-3.20<br>8.54 | 25.11<br>-2.83<br>5.38 | 26.56<br>-3.08<br>6.61 | 29.44<br>-3.20<br>5.97 | 28.63<br>-3.32<br>7.57 | 26.86<br>-3.70<br>11.52 | 29.19<br>-3.65<br>7.74  | 31.18<br>-3.89<br>10.12 | 39.38<br>-4.17<br>12.01 | 52.18<br>-5.71<br>13.46 | 64.84<br>-5.34<br>14.60  | 81.99<br>-5.33<br>0.00  | 78.65<br>-6.75<br>0.03 | 48.12<br>-5.52<br>6.37  | 39.32<br>-4.18<br>5.63  | 40.22<br>-3.55<br>0.01 |



|                              |                        |                         |                         |                         |                        |                         |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                           |                         |                          |                          |                         |                        |
|------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|--------------------------|--------------------------|-------------------------|------------------------|
| HUNTLEY___68<br>23562        | 35.08<br>-3.55<br>0.00 | 26.69<br>-3.38<br>-0.66 | 25.04<br>-3.06<br>-0.56 | 25.08<br>-3.37<br>-0.38 | 26.32<br>-3.73<br>0.00 | 28.36<br>-3.96<br>0.15  | 24.28<br>-4.50<br>10.33  | 22.99<br>-4.06<br>11.96  | 23.87<br>-3.20<br>8.54   | 25.11<br>-2.83<br>5.38   | 26.56<br>-3.08<br>6.61   | 29.44<br>-3.20<br>5.97   | 28.63<br>-3.32<br>7.57   | 26.86<br>-3.70<br>11.52  | 29.19<br>-3.65<br>7.74   | 31.18<br>-3.89<br>10.12  | 39.38<br>-4.17<br>12.01  | 52.18<br>-5.71<br>13.46  | 64.84<br>-5.34<br>14.60   | 81.99<br>-5.33<br>0.00  | 78.65<br>-6.75<br>0.03   | 48.12<br>-5.52<br>6.37   | 39.32<br>-4.18<br>5.63  | 40.22<br>-3.55<br>0.01 |
| HYLAND___LFGE<br>323620      | 38.67<br>0.04<br>0.00  | 29.77<br>-0.35<br>-0.71 | 27.75<br>-0.39<br>-0.61 | 27.85<br>-0.62<br>-0.41 | 29.33<br>-0.72<br>0.00 | 32.00<br>-0.65<br>-0.18 | 69.98<br>-0.27<br>-31.14 | 72.48<br>-0.39<br>-33.87 | 59.86<br>-0.64<br>-24.89 | 47.88<br>-1.10<br>-15.66 | 53.98<br>-1.52<br>-19.25 | 54.26<br>-1.74<br>-17.38 | 59.66<br>-1.94<br>-22.07 | 73.70<br>-2.06<br>-33.67 | 58.56<br>-4.59<br>-22.57 | 68.19<br>-4.92<br>-27.93 | 84.33<br>-5.56<br>-34.32 | 96.24<br>-5.71<br>-30.60 | 136.79<br>-3.22<br>-55.24 | 86.57<br>-1.14<br>-0.39 | 84.74<br>-1.54<br>-0.84  | 68.34<br>-1.92<br>-10.25 | 62.78<br>1.03<br>-12.61 | 44.60<br>0.79<br>-0.03 |
| INDECK___CORINTH<br>23802    | 40.68<br>2.05<br>0.00  | 35.63<br>1.76<br>-4.46  | 32.85<br>1.51<br>-3.81  | 32.24<br>1.60<br>-2.58  | 31.73<br>1.68<br>0.00  | 34.22<br>1.75<br>0.00   | 41.18<br>2.07<br>0.00    | 40.95<br>1.95<br>0.00    | 37.03<br>1.43<br>0.00    | 34.42<br>1.10<br>0.00    | 37.48<br>1.23<br>0.00    | 39.77<br>1.16<br>0.00    | 40.75<br>1.23<br>0.00    | 43.64<br>1.56<br>0.00    | 42.00<br>1.42<br>0.00    | 45.82<br>0.63<br>0.00    | 56.45<br>0.89<br>0.00    | 72.92<br>1.57<br>0.00    | 87.74<br>2.97<br>0.00     | 90.64<br>3.32<br>0.00   | 88.93<br>3.50<br>0.00    | 62.42<br>2.40<br>0.00    | 50.85<br>1.72<br>0.00   | 46.31<br>2.54<br>0.00  |
| INDECK___ILION<br>23567      | 39.68<br>1.04<br>0.00  | 30.06<br>0.65<br>0.00   | 27.95<br>0.41<br>0.00   | 28.26<br>0.20<br>0.00   | 30.11<br>0.06<br>0.00  | 32.53<br>0.06<br>0.00   | 39.15<br>0.04<br>0.00    | 39.08<br>0.08<br>0.00    | 35.82<br>0.21<br>0.00    | 33.76<br>0.43<br>0.00    | 36.90<br>0.65<br>0.00    | 39.39<br>0.77<br>0.00    | 40.19<br>0.67<br>0.00    | 42.80<br>0.72<br>0.00    | 41.23<br>0.65<br>0.00    | 45.86<br>0.68<br>0.00    | 56.57<br>1.00<br>0.00    | 72.57<br>1.21<br>0.00    | 86.81<br>2.03<br>0.00     | 89.68<br>2.36<br>0.00   | 87.31<br>1.88<br>0.00    | 60.80<br>0.78<br>0.00    | 50.07<br>0.93<br>0.00   | 44.56<br>0.79<br>0.00  |
| INDECK___OLEAN<br>23982      | 35.62<br>-3.01<br>0.00 | 26.88<br>-3.29<br>-0.77 | 25.08<br>-3.11<br>-0.65 | 25.17<br>-3.34<br>-0.44 | 26.74<br>-3.31<br>0.00 | 29.49<br>-2.89<br>0.09  | 32.42<br>-4.26<br>2.42   | 32.65<br>-3.43<br>2.91   | 28.06<br>-0.57<br>6.98   | 28.50<br>-0.43<br>4.40   | 30.38<br>-0.47<br>5.40   | 33.35<br>-0.39<br>4.88   | 32.94<br>-0.40<br>6.19   | 32.07<br>-0.59<br>9.42   | 33.60<br>-0.65<br>6.33   | 36.52<br>-0.36<br>8.30   | 46.35<br>0.39<br>9.61    | 59.85<br>-0.57<br>10.93  | 72.75<br>0.76<br>12.79    | 86.18<br>-1.14<br>0.00  | 82.75<br>-2.65<br>0.03   | 53.39<br>-1.38<br>5.25   | 44.22<br>-0.44<br>4.47  | 41.31<br>-2.45<br>0.01 |
| INDECK___OSWEGO<br>23783     | 37.86<br>-0.77<br>0.00 | 29.18<br>-0.56<br>-0.33 | 27.23<br>-0.58<br>-0.28 | 27.63<br>-0.62<br>-0.19 | 29.36<br>-0.69<br>0.00 | 31.72<br>-0.75<br>0.00  | 38.29<br>-0.82<br>0.00   | 38.14<br>-0.82<br>0.04   | 34.86<br>-0.75<br>0.00   | 32.62<br>-0.70<br>0.00   | 35.45<br>-0.80<br>0.00   | 37.76<br>-0.85<br>0.00   | 38.49<br>-1.03<br>0.00   | 41.93<br>-1.13<br>-0.98  | 39.53<br>-1.06<br>0.00   | 44.80<br>-1.13<br>-0.74  | 56.89<br>-1.17<br>-2.50  | 75.57<br>-1.43<br>-5.64  | 90.88<br>-1.19<br>-7.29   | 92.97<br>-1.04<br>-6.70 | 97.33<br>-1.11<br>-13.01 | 63.07<br>-1.14<br>-4.19  | 50.33<br>-1.08<br>-2.28 | 42.90<br>-0.88<br>0.00 |
| INDECK___YERKES<br>23781     | 35.43<br>-3.21<br>0.00 | 26.92<br>-3.15<br>-0.65 | 25.17<br>-2.92<br>-0.56 | 25.21<br>-3.23<br>-0.38 | 26.50<br>-3.55<br>0.00 | 28.60<br>-3.70<br>0.16  | 25.88<br>-3.99<br>9.23   | 25.16<br>-3.51<br>10.33  | 25.25<br>-2.60<br>7.76   | 26.07<br>-2.37<br>4.89   | 27.74<br>-2.50<br>6.01   | 30.64<br>-2.55<br>5.43   | 30.03<br>-2.61<br>6.89   | 28.66<br>-2.95<br>10.48  | 30.58<br>-2.96<br>7.04   | 32.87<br>-3.07<br>9.25   | 40.93<br>-3.06<br>11.58  | 54.12<br>-4.28<br>12.95  | 67.53<br>-3.64<br>13.60   | 84.09<br>-3.23<br>0.00  | 80.44<br>-4.96<br>0.03   | 49.77<br>-4.14<br>6.11   | 40.45<br>-3.29<br>5.39  | 40.79<br>-2.98<br>0.01 |
| INDIAN POINT_GT_1<br>24139   | 41.41<br>2.78<br>0.00  | 35.24<br>2.06<br>-3.77  | 32.71<br>1.95<br>-3.22  | 32.13<br>1.88<br>-2.19  | 31.94<br>1.89<br>0.00  | 34.41<br>1.95<br>0.00   | 41.49<br>2.39<br>0.00    | 41.65<br>2.65<br>0.00    | 38.24<br>2.64<br>0.00    | 36.16<br>2.83<br>0.00    | 39.29<br>3.04<br>0.00    | 42.01<br>3.40<br>0.00    | 46.43<br>3.99<br>-2.92   | 52.98<br>4.29<br>-6.60   | 53.82<br>4.06<br>-9.18   | 56.21<br>4.43<br>-6.59   | 68.17<br>5.56<br>-7.05   | 86.48<br>7.21<br>-7.92   | 92.61<br>8.82<br>0.99     | 96.14<br>8.82<br>0.00   | 93.12<br>7.69<br>0.00    | 64.52<br>4.50<br>0.00    | 52.77<br>3.64<br>0.00   | 46.93<br>3.15<br>0.00  |
| INDIAN POINT_GT_2<br>23659   | 41.41<br>2.78<br>0.00  | 35.24<br>2.06<br>-3.77  | 32.71<br>1.95<br>-3.22  | 32.13<br>1.88<br>-2.19  | 31.94<br>1.89<br>0.00  | 34.41<br>1.95<br>0.00   | 41.49<br>2.39<br>0.00    | 41.65<br>2.65<br>0.00    | 38.24<br>2.64<br>0.00    | 36.16<br>2.83<br>0.00    | 39.29<br>3.04<br>0.00    | 42.01<br>3.40<br>0.00    | 46.43<br>3.99<br>-2.92   | 52.98<br>4.29<br>-6.60   | 53.82<br>4.06<br>-9.18   | 56.21<br>4.43<br>-6.59   | 68.17<br>5.56<br>-7.05   | 86.48<br>7.21<br>-7.92   | 92.61<br>8.82<br>0.99     | 96.14<br>8.82<br>0.00   | 93.12<br>7.69<br>0.00    | 64.52<br>4.50<br>0.00    | 52.77<br>3.64<br>0.00   | 46.93<br>3.15<br>0.00  |
| INDIAN POINT_GT_3<br>24019   | 41.41<br>2.78<br>0.00  | 35.24<br>2.06<br>-3.77  | 32.71<br>1.95<br>-3.22  | 32.13<br>1.88<br>-2.19  | 31.94<br>1.89<br>0.00  | 34.41<br>1.95<br>0.00   | 41.49<br>2.39<br>0.00    | 41.65<br>2.65<br>0.00    | 38.24<br>2.64<br>0.00    | 36.16<br>2.83<br>0.00    | 39.29<br>3.04<br>0.00    | 42.01<br>3.40<br>0.00    | 46.43<br>3.99<br>-2.92   | 52.98<br>4.29<br>-6.60   | 53.82<br>4.06<br>-9.18   | 56.21<br>4.43<br>-6.59   | 68.17<br>5.56<br>-7.05   | 86.48<br>7.21<br>-7.92   | 92.61<br>8.82<br>0.99     | 96.14<br>8.82<br>0.00   | 93.12<br>7.69<br>0.00    | 64.52<br>4.50<br>0.00    | 52.77<br>3.64<br>0.00   | 46.93<br>3.15<br>0.00  |
| INDIAN POINT___2<br>23530    | 41.34<br>2.70<br>0.00  | 35.12<br>1.97<br>-3.74  | 32.66<br>1.93<br>-3.20  | 32.08<br>1.85<br>-2.17  | 31.91<br>1.86<br>0.00  | 34.41<br>1.95<br>0.00   | 41.34<br>2.23<br>0.00    | 41.61<br>2.57<br>-0.04   | 38.21<br>2.60<br>0.00    | 36.16<br>2.83<br>0.00    | 39.29<br>3.05<br>0.00    | 42.01<br>3.40<br>0.00    | 46.90<br>3.95<br>-3.42   | 54.08<br>4.25<br>-7.75   | 55.42<br>4.06<br>-10.77  | 57.42<br>4.38<br>-7.85   | 69.67<br>5.45<br>-8.65   | 87.94<br>7.07<br>-9.52   | 92.53<br>8.73<br>0.98     | 95.96<br>8.65<br>0.00   | 92.95<br>7.52<br>0.00    | 64.40<br>4.38<br>0.00    | 52.72<br>3.58<br>0.00   | 46.93<br>3.15<br>0.00  |
| INDIAN POINT___3<br>23531    | 41.34<br>2.70<br>0.00  | 35.21<br>2.03<br>-3.77  | 32.68<br>1.93<br>-3.22  | 32.10<br>1.85<br>-2.19  | 31.91<br>1.86<br>0.00  | 34.41<br>1.95<br>0.00   | 41.46<br>2.35<br>0.00    | 41.61<br>2.61<br>0.00    | 38.21<br>2.60<br>0.00    | 36.09<br>2.77<br>0.00    | 39.26<br>3.01<br>0.00    | 41.97<br>3.36<br>0.00    | 46.38<br>3.91<br>-2.94   | 52.99<br>4.25<br>-6.65   | 53.82<br>3.98<br>-9.26   | 56.21<br>4.34<br>-6.69   | 68.21<br>5.39<br>-7.26   | 86.42<br>6.99<br>-8.07   | 92.41<br>8.56<br>0.93     | 95.87<br>8.56<br>0.00   | 92.94<br>7.52<br>0.00    | 64.40<br>4.38<br>0.00    | 52.67<br>3.54<br>0.00   | 46.88<br>3.11<br>0.00  |
| INDIANHDD_69_KV_BK1<br>55831 | 42.35<br>3.71<br>-0.01 | 35.97<br>2.76<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.62<br>2.36<br>-2.20  | 32.75<br>2.70<br>0.00  | 35.13<br>2.66<br>0.00   | 42.55<br>3.44<br>0.00    | 42.74<br>3.74<br>0.00    | 38.96<br>3.35<br>0.00    | 36.63<br>3.30<br>-0.01   | 39.77<br>3.52<br>-0.01   | 42.83<br>4.21<br>-0.01   | 46.41<br>4.39<br>-2.50   | 51.93<br>4.21<br>-5.64   | 52.28<br>3.86<br>-7.84   | 56.21<br>4.25<br>-6.78   | 70.90<br>5.39<br>-9.94   | 87.31<br>6.85<br>-9.11   | 95.19<br>9.41<br>-1.00    | 96.66<br>9.34<br>0.00   | 93.63<br>8.20<br>0.00    | 69.00<br>5.34<br>-3.64   | 53.21<br>4.08<br>0.00   | 47.90<br>4.11<br>-0.01 |
| INGHAM_C_115KV_TB7<br>356103 | 39.68<br>1.04<br>0.00  | 30.06<br>0.65<br>0.00   | 27.95<br>0.41<br>0.00   | 28.26<br>0.20<br>0.00   | 30.11<br>0.06<br>0.00  | 32.53<br>0.06<br>0.00   | 39.15<br>0.04<br>0.00    | 39.08<br>0.08<br>0.00    | 35.82<br>0.21<br>0.00    | 33.76<br>0.43<br>0.00    | 36.90<br>0.65<br>0.00    | 39.39<br>0.77<br>0.00    | 40.19<br>0.67<br>0.00    | 42.80<br>0.72<br>0.00    | 41.23<br>0.65<br>0.00    | 45.86<br>0.68<br>0.00    | 56.57<br>1.00<br>0.00    | 72.57<br>1.21<br>0.00    | 86.81<br>2.03<br>0.00     | 89.68<br>2.36<br>0.00   | 87.31<br>1.88<br>0.00    | 60.80<br>0.78<br>0.00    | 50.07<br>0.93<br>0.00   | 44.56<br>0.79<br>0.00  |
| IP CORINTH___1<br>23988      | 40.68<br>2.05<br>0.00  | 35.66<br>1.79<br>-4.46  | 32.85<br>1.51<br>-3.81  | 32.24<br>1.60<br>-2.58  | 31.73<br>1.68<br>0.00  | 34.22<br>1.75<br>0.00   | 41.18<br>2.07<br>0.00    | 40.95<br>1.95<br>0.00    | 37.03<br>1.42<br>0.00    | 34.43<br>1.10<br>0.00    | 37.48<br>1.23<br>0.00    | 39.77<br>1.16<br>0.00    | 40.75<br>1.23<br>0.00    | 43.64<br>1.56<br>0.00    | 42.00<br>1.42<br>0.00    | 46.04<br>0.86<br>0.00    | 56.79<br>1.22<br>0.00    | 73.28<br>1.93<br>0.00    | 88.25<br>3.48<br>0.00     | 91.16<br>3.84<br>0.00   | 89.44<br>4.02<br>0.00    | 62.78<br>2.76<br>0.00    | 51.10<br>1.97<br>0.00   | 46.31<br>2.54<br>0.00  |

|                                   |                        |                         |                         |                         |                        |                        |                         |                         |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                          |                         |                        |                         |                        |                        |
|-----------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|
| IP__TICONDEROGA<br>23804          | 41.72<br>3.09<br>0.00  | 36.54<br>2.68<br>-4.45  | 33.51<br>2.18<br>-3.80  | 33.00<br>2.36<br>-2.58  | 32.57<br>2.52<br>0.00  | 35.10<br>2.63<br>0.00  | 42.39<br>3.29<br>0.00   | 42.00<br>3.00<br>0.00   | 37.57<br>1.96<br>0.00  | 34.76<br>1.43<br>0.00  | 37.88<br>1.63<br>0.00  | 40.12<br>1.51<br>0.00  | 40.98<br>1.46<br>0.00  | 43.94<br>1.85<br>0.00   | 42.45<br>1.87<br>0.00   | 47.26<br>2.08<br>0.00   | 58.90<br>3.33<br>0.00   | 76.56<br>5.21<br>0.00   | 93.43<br>8.65<br>0.00    | 97.01<br>9.69<br>0.00   | 95.60<br>10.17<br>0.00 | 66.86<br>6.84<br>0.00   | 53.90<br>4.77<br>0.00  | 48.24<br>4.46<br>0.00  |
| ISLIP_RES_REC<br>323679           | 42.58<br>3.94<br>-0.01 | 36.11<br>2.91<br>-3.79  | 33.41<br>2.64<br>-3.24  | 32.81<br>2.55<br>-2.20  | 32.99<br>2.95<br>0.00  | 35.39<br>2.92<br>0.00  | 42.59<br>3.48<br>0.00   | 43.05<br>4.02<br>-0.04  | 39.17<br>3.56<br>0.00  | 36.90<br>3.57<br>-0.01 | 40.06<br>3.81<br>-0.01 | 43.18<br>4.55<br>-0.01 | 46.64<br>4.62<br>-2.50 | 52.27<br>4.55<br>-5.64  | 52.60<br>4.18<br>-7.84  | 56.74<br>4.70<br>-6.86  | 71.67<br>5.89<br>-10.22 | 88.12<br>7.49<br>-9.28  | 96.16<br>10.25<br>-1.13  | 97.53<br>10.21<br>0.00  | 94.23<br>8.80<br>0.00  | 69.72<br>5.89<br>-3.82  | 53.71<br>4.57<br>0.00  | 48.20<br>4.42<br>-0.01 |
| JAMAICA__27_KV_LOAD<br>355505     | 41.88<br>3.25<br>0.00  | 35.58<br>2.38<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.39<br>2.13<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.77<br>2.31<br>0.00  | 42.08<br>2.97<br>0.00   | 42.39<br>3.39<br>0.00   | 38.99<br>3.38<br>0.00  | 36.80<br>3.47<br>-0.01 | 40.06<br>3.81<br>-0.01 | 42.72<br>4.09<br>-0.01 | 47.11<br>4.98<br>-2.61 | 53.61<br>5.26<br>-6.26  | 63.12<br>4.67<br>-17.87 | 63.52<br>5.11<br>-13.23 | 90.67<br>6.33<br>-28.77 | 94.65<br>8.28<br>-15.02 | 100.28<br>9.92<br>-5.58  | 97.46<br>10.13<br>-0.01 | 94.67<br>9.23<br>-0.01 | 65.66<br>5.64<br>0.00   | 53.80<br>4.67<br>0.00  | 47.67<br>3.90<br>0.00  |
| JANIS__SOLAR<br>323808            | 39.87<br>1.24<br>0.00  | 31.43<br>0.79<br>-1.23  | 29.22<br>0.63<br>-1.05  | 29.36<br>0.59<br>-0.71  | 30.62<br>0.57<br>0.00  | 33.32<br>0.84<br>-0.01 | 42.03<br>0.98<br>-1.94  | 42.08<br>0.98<br>-2.11  | 38.07<br>0.78<br>-1.68 | 34.82<br>0.43<br>-1.06 | 37.77<br>0.22<br>-1.30 | 39.98<br>0.19<br>-1.17 | 41.13<br>0.12<br>-1.49 | 44.53<br>0.00<br>-2.45  | 42.11<br>0.00<br>-1.52  | 47.31<br>0.32<br>-1.81  | 59.33<br>1.67<br>-2.10  | 75.77<br>2.93<br>-1.49  | 95.96<br>5.93<br>-5.25   | 95.40<br>6.90<br>-1.19  | 94.15<br>6.41<br>-2.32 | 63.87<br>3.60<br>-0.24  | 52.09<br>2.36<br>-0.60 | 45.61<br>1.84<br>0.00  |
| JARVIS____<br>23743               | 38.87<br>0.23<br>0.00  | 29.59<br>0.18<br>0.00   | 27.70<br>0.17<br>0.00   | 28.20<br>0.14<br>0.00   | 30.17<br>0.12<br>0.00  | 32.60<br>0.13<br>0.00  | 39.27<br>0.16<br>0.00   | 39.15<br>0.16<br>0.00   | 35.75<br>0.14<br>0.00  | 33.46<br>0.13<br>0.00  | 36.39<br>0.15<br>0.00  | 38.77<br>0.16<br>0.00  | 39.68<br>0.16<br>0.00  | 42.25<br>0.17<br>0.00   | 40.75<br>0.16<br>0.00   | 45.37<br>0.18<br>0.00   | 55.84<br>0.28<br>0.00   | 71.71<br>0.36<br>0.00   | 85.45<br>0.68<br>0.00    | 88.01<br>0.70<br>0.00   | 86.03<br>0.60<br>0.00  | 60.32<br>0.30<br>0.00   | 49.38<br>0.25<br>0.00  | 43.99<br>0.22<br>0.00  |
| JENNISON__1<br>23625              | 40.22<br>1.58<br>0.00  | 32.20<br>1.09<br>-1.70  | 29.95<br>0.96<br>-1.45  | 29.92<br>0.87<br>-0.98  | 30.89<br>0.84<br>0.00  | 33.57<br>1.10<br>0.00  | 40.24<br>1.13<br>0.00   | 40.37<br>1.29<br>-0.08  | 36.89<br>1.28<br>0.00  | 34.53<br>1.20<br>0.00  | 37.52<br>1.27<br>0.00  | 40.00<br>1.39<br>0.00  | 40.42<br>1.54<br>0.65  | 42.29<br>1.56<br>1.35   | 40.01<br>1.46<br>2.03   | 45.25<br>1.76<br>1.69   | 56.39<br>3.11<br>2.28   | 72.72<br>4.07<br>2.70   | 92.55<br>6.61<br>-1.16   | 95.08<br>6.99<br>-0.77  | 93.34<br>6.41<br>-1.50 | 63.11<br>3.60<br>0.52   | 51.35<br>2.51<br>0.29  | 45.74<br>1.97<br>0.00  |
| JENNISON__2<br>23626              | 40.22<br>1.58<br>0.00  | 32.20<br>1.09<br>-1.70  | 29.95<br>0.96<br>-1.45  | 29.92<br>0.87<br>-0.98  | 30.89<br>0.84<br>0.00  | 33.57<br>1.10<br>0.00  | 40.24<br>1.13<br>0.00   | 40.37<br>1.29<br>-0.08  | 36.89<br>1.28<br>0.00  | 34.53<br>1.20<br>0.00  | 37.52<br>1.27<br>0.00  | 40.00<br>1.39<br>0.00  | 40.42<br>1.54<br>0.65  | 42.29<br>1.56<br>1.35   | 40.01<br>1.46<br>2.03   | 45.25<br>1.76<br>1.69   | 56.39<br>3.11<br>2.28   | 72.72<br>4.07<br>2.70   | 92.55<br>6.61<br>-1.16   | 95.08<br>6.99<br>-0.77  | 93.34<br>6.41<br>-1.50 | 63.11<br>3.60<br>0.52   | 51.35<br>2.51<br>0.29  | 45.74<br>1.97<br>0.00  |
| JERICHO_RISE_WT_PWR<br>323719     | 38.05<br>-0.58<br>0.00 | 28.94<br>-0.47<br>0.00  | 27.07<br>-0.47<br>0.00  | 27.58<br>-0.48<br>0.00  | 29.60<br>-0.45<br>0.00 | 32.01<br>-0.45<br>0.00 | 38.56<br>-0.55<br>0.00  | 38.34<br>-0.66<br>0.00  | 35.00<br>-0.61<br>0.00 | 32.76<br>-0.57<br>0.00 | 35.63<br>-0.62<br>0.00 | 37.96<br>-0.66<br>0.00 | 38.81<br>-0.71<br>0.00 | 41.28<br>-0.80<br>0.00  | 39.77<br>-0.81<br>0.00  | 44.28<br>-0.90<br>0.00  | 54.12<br>-1.45<br>0.00  | 69.21<br>-2.14<br>0.00  | 81.73<br>-3.05<br>0.00   | 84.09<br>-3.23<br>0.00  | 82.36<br>-3.07<br>0.00 | 58.16<br>-1.86<br>0.00  | 47.86<br>-1.28<br>0.00 | 42.59<br>-1.18<br>0.00 |
| KATONAH__115KV_46KV_TB4<br>355592 | 41.57<br>2.94<br>0.00  | 35.41<br>2.18<br>-3.83  | 32.87<br>2.07<br>-3.27  | 32.27<br>1.99<br>-2.22  | 32.06<br>2.01<br>0.00  | 34.54<br>2.08<br>0.00  | 41.65<br>2.54<br>0.00   | 41.77<br>2.77<br>0.00   | 38.39<br>2.78<br>0.00  | 36.33<br>3.00<br>0.00  | 39.47<br>3.23<br>0.00  | 42.24<br>3.63<br>0.00  | 45.30<br>4.15<br>-1.63 | 50.31<br>4.55<br>-3.68  | 50.00<br>4.30<br>-5.12  | 54.08<br>4.79<br>-4.10  | 66.96<br>6.00<br>-5.39  | 84.34<br>7.71<br>-5.28  | 94.31<br>9.41<br>-0.13   | 96.75<br>9.43<br>0.00   | 93.80<br>8.37<br>0.00  | 64.88<br>4.86<br>0.00   | 53.01<br>3.88<br>0.00  | 47.10<br>3.33<br>0.00  |
| KCE_NY_1<br>323755                | 40.53<br>1.89<br>0.00  | 35.47<br>1.62<br>-4.45  | 32.73<br>1.40<br>-3.80  | 32.12<br>1.49<br>-2.58  | 31.61<br>1.56<br>0.00  | 34.09<br>1.62<br>0.00  | 41.02<br>1.92<br>0.00   | 40.79<br>1.79<br>0.00   | 36.96<br>1.35<br>0.00  | 34.39<br>1.07<br>0.00  | 37.41<br>1.16<br>0.00  | 39.73<br>1.12<br>0.00  | 40.75<br>1.23<br>0.00  | 43.56<br>1.47<br>0.00   | 42.04<br>1.46<br>0.00   | 46.72<br>1.54<br>0.00   | 57.62<br>2.06<br>0.00   | 74.35<br>3.00<br>0.00   | 89.18<br>4.41<br>0.00    | 92.03<br>4.71<br>0.00   | 90.21<br>4.78<br>0.00  | 63.26<br>3.24<br>0.00   | 51.59<br>2.46<br>0.00  | 45.96<br>2.19<br>0.00  |
| KCE_NY_6_ESR<br>323823            | 35.39<br>-3.25<br>0.00 | 26.86<br>-3.24<br>-0.69 | 25.12<br>-3.00<br>-0.59 | 25.15<br>-3.31<br>-0.40 | 26.47<br>-3.58<br>0.00 | 28.68<br>-3.64<br>0.15 | 24.09<br>-4.30<br>10.71 | 23.24<br>-3.78<br>11.98 | 24.00<br>-2.53<br>9.08 | 25.31<br>-2.30<br>5.72 | 26.76<br>-2.47<br>7.02 | 29.76<br>-2.51<br>6.34 | 28.86<br>-2.61<br>8.05 | 26.88<br>-2.95<br>12.25 | 29.39<br>-2.96<br>8.23  | 31.39<br>-3.07<br>10.72 | 39.97<br>-3.06<br>12.54 | 53.14<br>-4.28<br>13.94 | 64.92<br>-3.73<br>16.13  | 83.48<br>-3.84<br>0.00  | 80.02<br>-5.38<br>0.03 | 49.35<br>-4.14<br>6.53  | 40.09<br>-3.29<br>5.75 | 40.57<br>-3.19<br>0.01 |
| KEDC_PORT_JEFF_GT2<br>24210       | 42.39<br>3.75<br>-0.01 | 35.96<br>2.76<br>-3.79  | 33.28<br>2.51<br>-3.24  | 32.70<br>2.44<br>-2.20  | 32.84<br>2.79<br>0.00  | 35.22<br>2.76<br>0.00  | 42.39<br>3.29<br>0.00   | 42.82<br>3.78<br>-0.04  | 38.95<br>3.35<br>0.00  | 36.73<br>3.40<br>-0.01 | 39.84<br>3.59<br>-0.01 | 42.91<br>4.29<br>-0.01 | 46.40<br>4.39<br>-2.50 | 52.02<br>4.29<br>-5.64  | 52.32<br>3.90<br>-7.84  | 56.23<br>4.34<br>-6.70  | 70.54<br>5.28<br>-9.69  | 86.66<br>6.35<br>-8.96  | 94.47<br>8.82<br>-0.88   | 96.05<br>8.73<br>0.00   | 92.77<br>7.35<br>0.00  | 68.75<br>5.28<br>-3.45  | 53.36<br>4.23<br>0.00  | 47.94<br>4.16<br>-0.01 |
| KEDC_PORT_JEFF_GT3<br>24211       | 42.39<br>3.75<br>-0.01 | 35.96<br>2.76<br>-3.79  | 33.28<br>2.51<br>-3.24  | 32.70<br>2.44<br>-2.20  | 32.84<br>2.79<br>0.00  | 35.22<br>2.76<br>0.00  | 42.39<br>3.29<br>0.00   | 42.82<br>3.78<br>-0.04  | 38.95<br>3.35<br>0.00  | 36.73<br>3.40<br>-0.01 | 39.84<br>3.59<br>-0.01 | 42.91<br>4.29<br>-0.01 | 46.40<br>4.39<br>-2.50 | 52.02<br>4.29<br>-5.64  | 52.32<br>3.90<br>-7.84  | 56.23<br>4.34<br>-6.70  | 70.54<br>5.28<br>-9.69  | 86.66<br>6.35<br>-8.96  | 94.47<br>8.82<br>-0.88   | 96.05<br>8.73<br>0.00   | 92.77<br>7.35<br>0.00  | 68.75<br>5.28<br>-3.45  | 53.36<br>4.23<br>0.00  | 47.94<br>4.16<br>-0.01 |
| KEDC_GLWD_GT4<br>24219            | 42.05<br>3.40<br>-0.02 | 35.67<br>2.47<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.50<br>2.25<br>-2.20  | 32.45<br>2.40<br>0.00  | 34.90<br>2.44<br>0.00  | 42.00<br>2.89<br>0.00   | 42.35<br>3.31<br>-0.04  | 38.82<br>3.21<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.71<br>4.09<br>-0.01 | 46.56<br>4.54<br>-2.50 | 52.52<br>4.80<br>-5.64  | 52.89<br>4.46<br>-7.84  | 62.43<br>4.88<br>-12.37 | 90.39<br>5.78<br>-29.04 | 99.62<br>7.49<br>-20.78 | 104.46<br>9.58<br>-10.10 | 96.87<br>9.52<br>-0.03  | 93.66<br>8.20<br>-0.03 | 84.35<br>5.04<br>-19.28 | 53.46<br>4.32<br>-0.01 | 47.68<br>3.89<br>-0.02 |
| KEDC_GLWD_GT5<br>24220            | 42.05<br>3.40<br>-0.02 | 35.67<br>2.47<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.50<br>2.25<br>-2.20  | 32.45<br>2.40<br>0.00  | 34.90<br>2.44<br>0.00  | 42.00<br>2.89<br>0.00   | 42.35<br>3.31<br>-0.04  | 38.82<br>3.21<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.71<br>4.09<br>-0.01 | 46.56<br>4.54<br>-2.50 | 52.52<br>4.80<br>-5.64  | 52.89<br>4.46<br>-7.84  | 62.43<br>4.88<br>-12.37 | 90.39<br>5.78<br>-29.04 | 99.62<br>7.49<br>-20.78 | 104.46<br>9.58<br>-10.10 | 96.87<br>9.52<br>-0.03  | 93.66<br>8.20<br>-0.03 | 84.35<br>5.04<br>-19.28 | 53.46<br>4.32<br>-0.01 | 47.68<br>3.89<br>-0.02 |

|   |                        |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                          |                         |                         |                        |                        |                        |
|---|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| KENSICO____<br>23655                    | 41.49<br>2.86<br>0.00  | 35.34<br>2.15<br>-3.79  | 32.78<br>2.01<br>-3.23  | 32.19<br>1.94<br>-2.20  | 32.03<br>1.98<br>0.00  | 34.51<br>2.05<br>0.00  | 41.61<br>2.50<br>0.00  | 41.77<br>2.77<br>0.00  | 38.35<br>2.74<br>0.00  | 36.26<br>2.93<br>0.00  | 39.44<br>3.19<br>0.00  | 42.16<br>3.55<br>0.00  | 46.23<br>4.11<br>-2.59 | 52.41<br>4.46<br>-5.87  | 52.97<br>4.22<br>-8.16  | 55.43<br>4.61<br>-5.64  | 66.80<br>5.72<br>-5.51  | 85.36<br>7.42<br>-6.59  | 92.62<br>9.07<br>1.23    | 96.31<br>8.99<br>0.00   | 93.37<br>7.94<br>0.00   | 64.70<br>4.68<br>0.00  | 52.92<br>3.78<br>0.00  | 47.06<br>3.28<br>0.00  |
| KERHONKS_69_KV_TR1_REV_LBMP_G<br>345021 | 41.49<br>2.86<br>0.00  | 35.19<br>2.12<br>-3.66  | 32.64<br>1.98<br>-3.13  | 32.06<br>1.88<br>-2.12  | 31.91<br>1.86<br>0.00  | 34.45<br>1.98<br>0.00  | 41.53<br>2.42<br>0.00  | 41.73<br>2.73<br>0.00  | 38.35<br>2.74<br>0.00  | 36.13<br>2.80<br>0.00  | 39.26<br>3.01<br>0.00  | 41.89<br>3.28<br>0.00  | 43.43<br>3.91<br>0.00  | 46.34<br>4.25<br>0.00   | 44.68<br>4.10<br>0.00   | 49.79<br>4.61<br>0.00   | 61.62<br>6.06<br>0.00   | 79.84<br>8.49<br>0.00   | 95.46<br>10.68<br>0.00   | 98.23<br>10.91<br>0.00  | 95.00<br>9.57<br>0.00   | 65.60<br>5.58<br>0.00  | 53.41<br>4.27<br>0.00  | 47.41<br>3.63<br>0.00  |
| KIAC_JFK_GT1<br>23816                   | 41.69<br>3.05<br>0.00  | 35.41<br>2.21<br>-3.79  | 32.86<br>2.09<br>-3.24  | 32.25<br>1.99<br>-2.20  | 32.06<br>2.01<br>0.00  | 34.61<br>2.14<br>0.00  | 41.85<br>2.74<br>0.00  | 42.20<br>3.20<br>0.00  | 38.78<br>3.17<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.88<br>3.62<br>-0.01 | 42.49<br>3.86<br>-0.01 | 46.87<br>4.74<br>-2.61 | 53.23<br>4.88<br>-6.26  | 62.88<br>4.42<br>-17.87 | 63.20<br>4.79<br>-13.23 | 90.12<br>5.78<br>-28.77 | 93.86<br>7.49<br>-15.02 | 99.35<br>8.99<br>-5.58   | 96.50<br>9.17<br>-0.01  | 93.81<br>8.37<br>-0.01  | 65.06<br>5.04<br>0.00  | 53.51<br>4.37<br>0.00  | 47.41<br>3.63<br>0.00  |
| KIAC_JFK_GT2<br>23817                   | 41.69<br>3.05<br>0.00  | 35.41<br>2.21<br>-3.79  | 32.86<br>2.09<br>-3.24  | 32.25<br>1.99<br>-2.20  | 32.06<br>2.01<br>0.00  | 34.61<br>2.14<br>0.00  | 41.85<br>2.74<br>0.00  | 42.20<br>3.20<br>0.00  | 38.78<br>3.17<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.88<br>3.62<br>-0.01 | 42.49<br>3.86<br>-0.01 | 46.87<br>4.74<br>-2.61 | 53.23<br>4.88<br>-6.26  | 62.88<br>4.42<br>-17.87 | 63.20<br>4.79<br>-13.23 | 90.12<br>5.78<br>-28.77 | 93.86<br>7.49<br>-15.02 | 99.35<br>8.99<br>-5.58   | 96.50<br>9.17<br>-0.01  | 93.81<br>8.37<br>-0.01  | 65.06<br>5.04<br>0.00  | 53.51<br>4.37<br>0.00  | 47.41<br>3.63<br>0.00  |
| KIAC_JFK____<br>323774                  | 41.65<br>3.02<br>0.00  | 35.35<br>2.15<br>-3.79  | 32.86<br>2.09<br>-3.24  | 32.25<br>1.99<br>-2.20  | 32.06<br>2.01<br>0.00  | 34.61<br>2.14<br>0.00  | 41.73<br>2.62<br>0.00  | 42.12<br>3.08<br>-0.04 | 38.78<br>3.17<br>0.00  | 36.64<br>3.30<br>-0.01 | 39.89<br>3.62<br>-0.01 | 42.49<br>3.86<br>-0.01 | 46.87<br>4.74<br>-2.61 | 53.48<br>5.13<br>-6.26  | 62.87<br>4.42<br>-17.87 | 63.20<br>4.79<br>-13.23 | 90.17<br>5.83<br>-28.77 | 93.86<br>7.49<br>-15.02 | 99.34<br>8.98<br>-5.58   | 96.50<br>9.17<br>-0.01  | 93.82<br>8.38<br>-0.01  | 65.00<br>4.98<br>0.00  | 53.51<br>4.37<br>-0.01 | 47.41<br>3.63<br>0.00  |
| KINTIGH_24_KV_GSU<br>356498             | 35.73<br>-2.90<br>0.00 | 27.30<br>-2.68<br>-0.57 | 25.57<br>-2.45<br>-0.48 | 25.64<br>-2.75<br>-0.33 | 26.92<br>-3.13<br>0.00 | 28.81<br>-3.54<br>0.11 | 29.60<br>-3.64<br>5.88 | 28.79<br>-3.51<br>6.70 | 27.27<br>-3.28<br>5.06 | 27.15<br>-3.00<br>3.18 | 29.11<br>-3.23<br>3.91 | 31.72<br>-3.36<br>3.53 | 31.52<br>-3.52<br>4.49 | 31.42<br>-3.83<br>6.84  | 32.22<br>-3.77<br>4.59  | 34.99<br>-3.98<br>6.22  | 41.69<br>-4.39<br>9.48  | 54.76<br>-5.64<br>10.95 | 66.22<br>-5.43<br>13.13  | 82.60<br>-4.72<br>0.00  | 79.60<br>-5.81<br>0.02  | 49.76<br>-4.92<br>5.35 | 40.44<br>-4.27<br>4.42 | 40.84<br>-2.93<br>0.01 |
| KINTIGH____<br>23543                    | 35.66<br>-2.97<br>0.00 | 27.24<br>-2.74<br>-0.57 | 25.57<br>-2.45<br>-0.48 | 25.64<br>-2.75<br>-0.33 | 26.92<br>-3.12<br>0.00 | 28.85<br>-3.51<br>0.11 | 29.56<br>-3.68<br>5.88 | 28.52<br>-3.55<br>6.93 | 27.24<br>-3.31<br>5.06 | 27.18<br>-2.97<br>3.18 | 29.11<br>-3.23<br>3.91 | 31.72<br>-3.36<br>3.53 | 31.52<br>-3.52<br>4.49 | 31.42<br>-3.83<br>6.84  | 32.22<br>-3.77<br>4.59  | 34.95<br>-4.02<br>6.22  | 41.75<br>-4.33<br>9.48  | 54.77<br>-5.64<br>10.95 | 66.30<br>-5.34<br>13.13  | 82.60<br>-4.72<br>0.00  | 79.43<br>-5.98<br>0.02  | 49.21<br>-5.46<br>5.35 | 40.39<br>-4.32<br>4.42 | 40.79<br>-2.98<br>0.01 |
| KNTFSRNC_46_KV_46KV_LOAD<br>80397       | 38.63<br>0.00<br>0.00  | 29.38<br>-0.03<br>0.00  | 27.42<br>-0.11<br>0.00  | 27.95<br>-0.11<br>0.00  | 30.02<br>-0.03<br>0.00 | 32.50<br>0.03<br>0.00  | 39.15<br>0.04<br>0.00  | 38.96<br>-0.04<br>0.00 | 35.54<br>-0.07<br>0.00 | 33.23<br>-0.10<br>0.00 | 36.14<br>-0.11<br>0.00 | 38.54<br>-0.08<br>0.00 | 39.36<br>-0.16<br>0.00 | 41.87<br>-0.21<br>0.00  | 40.30<br>-0.28<br>0.00  | 44.91<br>-0.27<br>0.00  | 54.84<br>-0.72<br>0.00  | 70.00<br>-1.36<br>0.00  | 82.83<br>-1.95<br>0.00   | 85.31<br>-2.01<br>0.00  | 83.55<br>-1.88<br>0.00  | 58.94<br>-1.08<br>0.00 | 48.69<br>-0.44<br>0.00 | 43.29<br>-0.48<br>0.00 |
| LACHUTE____HYDRO<br>323717              | 41.72<br>3.09<br>0.00  | 36.51<br>2.65<br>-4.45  | 33.51<br>2.17<br>-3.80  | 33.00<br>2.36<br>-2.58  | 32.57<br>2.52<br>0.00  | 35.10<br>2.63<br>0.00  | 42.39<br>3.29<br>0.00  | 42.00<br>3.00<br>0.00  | 37.57<br>1.96<br>0.00  | 34.76<br>1.43<br>0.00  | 37.88<br>1.63<br>0.00  | 40.12<br>1.50<br>0.00  | 40.98<br>1.46<br>0.00  | 43.93<br>1.85<br>0.00   | 42.45<br>1.87<br>0.00   | 47.27<br>2.08<br>0.00   | 58.90<br>3.33<br>0.00   | 76.56<br>5.21<br>0.00   | 93.43<br>8.65<br>0.00    | 97.01<br>9.69<br>0.00   | 95.50<br>10.08<br>0.00  | 66.80<br>6.78<br>0.00  | 53.90<br>4.76<br>0.00  | 48.19<br>4.42<br>0.00  |
| LAWRNCV_115KV_TB1<br>80681              | 37.74<br>-0.89<br>0.00 | 28.79<br>-0.68<br>-0.06 | 26.92<br>-0.66<br>-0.05 | 27.42<br>-0.67<br>-0.03 | 29.36<br>-0.69<br>0.00 | 31.85<br>-0.62<br>0.00 | 37.97<br>-1.13<br>0.00 | 37.48<br>-1.52<br>0.00 | 34.08<br>-1.53<br>0.00 | 31.73<br>-1.60<br>0.00 | 34.47<br>-1.78<br>0.00 | 36.72<br>-1.89<br>0.00 | 37.55<br>-1.98<br>0.00 | 39.94<br>-2.15<br>0.00  | 38.51<br>-2.07<br>0.00  | 42.88<br>-2.30<br>0.00  | 52.68<br>-2.89<br>0.00  | 67.64<br>-3.71<br>0.00  | 80.96<br>-3.82<br>0.00   | 83.91<br>-3.41<br>0.00  | 82.44<br>-2.99<br>0.00  | 58.04<br>-1.98<br>0.00 | 47.56<br>-1.57<br>0.00 | 42.55<br>-1.23<br>0.00 |
| LEDERLE____<br>23769                    | 41.53<br>2.90<br>0.00  | 35.28<br>2.15<br>-3.72  | 32.75<br>2.04<br>-3.18  | 32.15<br>1.94<br>-2.16  | 32.03<br>1.98<br>0.00  | 34.51<br>2.05<br>0.00  | 41.61<br>2.50<br>0.00  | 41.81<br>2.81<br>0.00  | 38.35<br>2.74<br>0.00  | 36.26<br>2.93<br>0.00  | 39.44<br>3.19<br>0.00  | 42.16<br>3.55<br>0.00  | 48.65<br>4.15<br>-4.98 | 57.86<br>4.50<br>-11.27 | 60.52<br>4.26<br>-15.67 | 61.63<br>4.61<br>-11.84 | 75.37<br>5.78<br>-14.03 | 93.61<br>7.56<br>-14.70 | 93.26<br>9.24<br>0.76    | 96.57<br>9.26<br>0.00   | 93.54<br>8.12<br>0.00   | 64.76<br>4.74<br>0.00  | 52.92<br>3.78<br>0.00  | 47.10<br>3.33<br>0.00  |
| LIGHTHSE_115KV_TB6<br>355974            | 38.21<br>-0.42<br>0.00 | 29.39<br>-0.32<br>-0.31 | 27.44<br>-0.36<br>-0.26 | 27.82<br>-0.42<br>-0.18 | 29.51<br>-0.54<br>0.00 | 31.95<br>-0.52<br>0.00 | 38.37<br>-0.74<br>0.00 | 38.22<br>-0.78<br>0.00 | 34.72<br>-0.89<br>0.00 | 32.36<br>-0.97<br>0.00 | 35.12<br>-1.12<br>0.00 | 37.42<br>-1.20<br>0.00 | 38.18<br>-1.34<br>0.00 | 40.89<br>-1.52<br>-0.32 | 39.20<br>-1.38<br>0.00  | 43.79<br>-1.40<br>0.00  | 54.40<br>-1.17<br>0.00  | 70.07<br>-1.28<br>0.00  | 87.56<br>0.42<br>-2.35   | 90.62<br>1.14<br>-2.16  | 90.74<br>1.11<br>-4.21  | 60.14<br>0.12<br>0.00  | 48.99<br>-0.15<br>0.00 | 43.69<br>-0.09<br>0.00 |
| LINDEN COGEN____<br>23786               | 41.72<br>3.09<br>0.00  | 35.43<br>2.23<br>-3.79  | 32.92<br>2.15<br>-3.24  | 32.33<br>2.08<br>-2.20  | 32.15<br>2.10<br>0.00  | 34.64<br>2.18<br>0.00  | 41.65<br>2.54<br>0.00  | 41.96<br>2.93<br>-0.04 | 38.60<br>2.99<br>0.00  | 36.61<br>3.27<br>-0.01 | 39.78<br>3.52<br>-0.01 | 42.52<br>3.90<br>-0.01 | 46.67<br>4.54<br>-2.61 | 53.27<br>4.92<br>-6.26  | 63.08<br>4.62<br>-17.87 | 63.53<br>5.06<br>-13.28 | 90.79<br>6.28<br>-28.95 | 94.79<br>8.13<br>-15.30 | 100.50<br>9.91<br>-5.81  | 97.28<br>9.95<br>-0.01  | 94.07<br>8.62<br>-0.01  | 65.18<br>5.16<br>0.00  | 53.31<br>4.17<br>-0.01 | 47.41<br>3.63<br>0.00  |
| LINDHRST_69_KV_BK1<br>356055            | 42.74<br>4.10<br>-0.01 | 36.17<br>2.97<br>-3.79  | 33.44<br>2.67<br>-3.24  | 32.84<br>2.58<br>-2.20  | 32.96<br>2.91<br>0.00  | 35.39<br>2.92<br>0.00  | 42.82<br>3.72<br>0.00  | 43.05<br>4.06<br>0.00  | 39.31<br>3.70<br>0.00  | 37.00<br>3.67<br>-0.01 | 40.17<br>3.91<br>-0.01 | 43.26<br>4.63<br>-0.01 | 46.88<br>4.86<br>-2.50 | 52.61<br>4.88<br>-5.64  | 52.97<br>4.55<br>-7.84  | 59.19<br>5.02<br>-8.99  | 79.45<br>6.39<br>-17.50 | 93.43<br>8.35<br>-13.73 | 100.57<br>11.19<br>-4.60 | 98.42<br>11.09<br>-0.01 | 95.43<br>10.00<br>-0.01 | 75.44<br>6.36<br>-9.06 | 54.05<br>4.91<br>0.00  | 48.43<br>4.64<br>-0.01 |
| LIPA_MISC_IPP<br>23656                  | 42.24<br>3.59<br>-0.01 | 35.97<br>2.76<br>-3.79  | 33.19<br>2.42<br>-3.24  | 32.62<br>2.36<br>-2.20  | 32.78<br>2.73<br>0.00  | 35.16<br>2.69<br>0.00  | 42.63<br>3.52<br>0.00  | 42.82<br>3.82<br>0.00  | 38.85<br>3.24<br>0.00  | 36.57<br>3.23<br>-0.01 | 39.66<br>3.41<br>-0.01 | 42.75<br>4.13<br>-0.01 | 46.21<br>4.19<br>-2.50 | 51.81<br>4.08<br>-5.64  | 52.16<br>3.73<br>-7.84  | 55.98<br>4.16<br>-6.63  | 70.30<br>5.28<br>-9.45  | 86.94<br>6.78<br>-8.81  | 94.95<br>9.41<br>-0.76   | 96.66<br>9.34<br>0.00   | 93.63<br>8.20<br>0.00   | 68.59<br>5.28<br>-3.28 | 53.16<br>4.03<br>0.00  | 47.77<br>3.98<br>-0.01 |

|                                    |                        |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                          |                         |                         |                         |                         |                        |
|------------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| LISF___SOLAR<br>323691             | 42.31<br>3.67<br>-0.01 | 35.96<br>2.76<br>-3.79  | 33.25<br>2.48<br>-3.24  | 32.67<br>2.41<br>-2.20  | 32.84<br>2.79<br>0.00  | 35.22<br>2.76<br>0.00  | 42.39<br>3.29<br>0.00  | 42.86<br>3.82<br>-0.04 | 38.88<br>3.27<br>0.00  | 36.63<br>3.30<br>-0.01 | 39.70<br>3.45<br>-0.01 | 42.79<br>4.17<br>-0.01 | 46.25<br>4.23<br>-2.50 | 51.85<br>4.13<br>-5.64  | 52.20<br>3.77<br>-7.84  | 56.09<br>4.25<br>-6.66  | 70.50<br>5.39<br>-9.55  | 87.14<br>6.92<br>-8.87  | 95.16<br>9.58<br>-0.81   | 96.92<br>9.61<br>0.00   | 93.63<br>8.20<br>0.00   | 68.77<br>5.40<br>-3.35  | 53.27<br>4.13<br>0.00   | 47.86<br>4.07<br>-0.01 |
| LITTLE FALLS___HYD<br>24013        | 39.68<br>1.04<br>0.00  | 30.06<br>0.65<br>0.00   | 27.95<br>0.41<br>0.00   | 28.26<br>0.20<br>0.00   | 30.11<br>0.06<br>0.00  | 32.53<br>0.06<br>0.00  | 39.15<br>0.04<br>0.00  | 39.08<br>0.08<br>0.00  | 35.82<br>0.21<br>0.00  | 33.76<br>0.43<br>0.00  | 36.90<br>0.65<br>0.00  | 39.39<br>0.77<br>0.00  | 40.19<br>0.67<br>0.00  | 42.80<br>0.72<br>0.00   | 41.23<br>0.65<br>0.00   | 45.86<br>0.68<br>0.00   | 56.57<br>1.00<br>0.00   | 72.57<br>1.21<br>0.00   | 86.81<br>2.03<br>0.00    | 89.68<br>2.36<br>0.00   | 87.31<br>1.88<br>0.00   | 60.80<br>0.78<br>0.00   | 50.07<br>0.93<br>0.00   | 44.56<br>0.79<br>0.00  |
| LITTLRIV_115KV_TB1<br>356100       | 38.01<br>-0.62<br>0.00 | 28.97<br>-0.50<br>-0.06 | 27.09<br>-0.50<br>-0.05 | 27.56<br>-0.53<br>-0.03 | 29.54<br>-0.51<br>0.00 | 32.08<br>-0.39<br>0.00 | 38.25<br>-0.86<br>0.00 | 37.67<br>-1.33<br>0.00 | 34.15<br>-1.46<br>0.00 | 31.76<br>-1.57<br>0.00 | 34.44<br>-1.81<br>0.00 | 36.64<br>-1.97<br>0.00 | 37.47<br>-2.06<br>0.00 | 39.85<br>-2.23<br>0.00  | 38.43<br>-2.15<br>0.00  | 42.84<br>-2.35<br>0.00  | 52.62<br>-2.94<br>0.00  | 67.78<br>-3.57<br>0.00  | 81.47<br>-3.31<br>0.00   | 84.70<br>-2.62<br>0.00  | 83.29<br>-2.14<br>0.00  | 58.64<br>-1.38<br>0.00  | 48.00<br>-1.13<br>0.00  | 42.94<br>-0.83<br>0.00 |
| LI_NEWBRDGE___DRP<br>323616        | 41.85<br>3.21<br>-0.01 | 35.61<br>2.41<br>-3.79  | 32.92<br>2.15<br>-3.24  | 32.33<br>2.08<br>-2.20  | 32.36<br>2.31<br>0.00  | 34.74<br>2.27<br>0.00  | 42.04<br>2.93<br>0.00  | 42.24<br>3.24<br>0.00  | 38.60<br>2.99<br>0.00  | 36.37<br>3.03<br>-0.01 | 39.48<br>3.23<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.09<br>4.07<br>-2.50 | 51.85<br>4.12<br>-5.64  | 52.20<br>3.77<br>-7.84  | 54.89<br>4.11<br>-5.60  | 66.70<br>5.22<br>-5.91  | 84.85<br>6.85<br>-6.65  | 93.01<br>9.16<br>0.93    | 96.39<br>9.08<br>0.01   | 93.36<br>7.94<br>0.01   | 65.71<br>4.92<br>-0.77  | 52.87<br>3.73<br>0.00   | 47.42<br>3.63<br>-0.01 |
| LOCKPORT_115KV_TB60_63_64<br>80432 | 34.89<br>-3.75<br>0.00 | 26.53<br>-3.50<br>-0.62 | 24.90<br>-3.17<br>-0.53 | 24.91<br>-3.51<br>-0.36 | 26.17<br>-3.88<br>0.00 | 28.11<br>-4.19<br>0.17 | 27.05<br>-4.30<br>7.76 | 26.08<br>-3.94<br>8.98 | 25.77<br>-3.38<br>6.45 | 26.26<br>-3.00<br>4.06 | 27.96<br>-3.30<br>4.99 | 30.67<br>-3.44<br>4.51 | 30.20<br>-3.60<br>5.72 | 29.46<br>-3.91<br>8.71  | 30.84<br>-3.90<br>5.85  | 33.21<br>-4.20<br>7.77  | 40.33<br>-4.61<br>10.62 | 53.10<br>-6.28<br>11.97 | 67.76<br>-5.93<br>11.08  | 81.82<br>-5.50<br>0.00  | 78.40<br>-7.01<br>0.02  | 48.38<br>-5.94<br>5.70  | 39.74<br>-4.37<br>5.02  | 40.09<br>-3.68<br>0.01 |
| LOCKPORT___CC1<br>323769           | 35.00<br>-3.63<br>0.00 | 26.59<br>-3.44<br>-0.63 | 24.93<br>-3.14<br>-0.53 | 24.94<br>-3.48<br>-0.36 | 26.17<br>-3.88<br>0.00 | 28.11<br>-4.19<br>0.17 | 26.44<br>-4.34<br>8.32 | 25.67<br>-4.02<br>9.31 | 25.35<br>-3.38<br>6.88 | 25.93<br>-3.07<br>4.33 | 27.60<br>-3.33<br>5.32 | 30.34<br>-3.48<br>4.80 | 29.83<br>-3.60<br>6.10 | 28.85<br>-3.98<br>9.28  | 30.38<br>-3.98<br>6.23  | 32.69<br>-4.25<br>8.25  | 40.11<br>-4.67<br>10.79 | 52.90<br>-6.28<br>12.18 | 68.32<br>-6.11<br>10.35  | 81.73<br>-5.59<br>0.00  | 78.40<br>-7.00<br>0.03  | 48.64<br>-5.58<br>5.80  | 39.42<br>-4.47<br>5.24  | 40.13<br>-3.63<br>0.01 |
| LOCKPORT___CC2<br>323770           | 35.00<br>-3.63<br>0.00 | 26.59<br>-3.44<br>-0.63 | 24.93<br>-3.14<br>-0.53 | 24.94<br>-3.48<br>-0.36 | 26.17<br>-3.88<br>0.00 | 28.11<br>-4.19<br>0.17 | 26.44<br>-4.34<br>8.32 | 25.67<br>-4.02<br>9.31 | 25.35<br>-3.38<br>6.88 | 25.93<br>-3.07<br>4.33 | 27.60<br>-3.33<br>5.32 | 30.34<br>-3.48<br>4.80 | 29.83<br>-3.60<br>6.10 | 28.85<br>-3.96<br>9.28  | 30.38<br>-3.98<br>6.23  | 32.69<br>-4.25<br>8.25  | 40.11<br>-4.67<br>10.79 | 52.90<br>-6.28<br>12.18 | 68.32<br>-6.11<br>10.35  | 81.73<br>-5.59<br>0.00  | 78.40<br>-7.00<br>0.03  | 48.64<br>-5.58<br>5.80  | 39.42<br>-4.47<br>5.24  | 40.13<br>-3.63<br>0.01 |
| LOCKPORT___CC3<br>323771           | 35.00<br>-3.63<br>0.00 | 26.59<br>-3.44<br>-0.63 | 24.93<br>-3.14<br>-0.53 | 24.94<br>-3.48<br>-0.36 | 26.17<br>-3.88<br>0.00 | 28.11<br>-4.19<br>0.17 | 26.44<br>-4.34<br>8.32 | 25.67<br>-4.02<br>9.31 | 25.35<br>-3.38<br>6.88 | 25.93<br>-3.07<br>4.33 | 27.60<br>-3.33<br>5.32 | 30.34<br>-3.48<br>4.80 | 29.83<br>-3.60<br>6.10 | 28.85<br>-3.96<br>9.28  | 30.38<br>-3.98<br>6.23  | 32.69<br>-4.25<br>8.25  | 40.11<br>-4.67<br>10.79 | 52.90<br>-6.28<br>12.18 | 68.32<br>-6.11<br>10.35  | 81.73<br>-5.59<br>0.00  | 78.40<br>-7.00<br>0.03  | 48.64<br>-5.58<br>5.80  | 39.42<br>-4.47<br>5.24  | 40.13<br>-3.63<br>0.01 |
| LOCUSVLY_69_KV_BK2<br>55797        | 42.24<br>3.59<br>-0.01 | 35.85<br>2.65<br>-3.79  | 33.17<br>2.40<br>-3.24  | 32.59<br>2.33<br>-2.20  | 32.60<br>2.55<br>0.00  | 35.03<br>2.56<br>0.00  | 42.35<br>3.25<br>0.00  | 42.59<br>3.59<br>0.00  | 38.96<br>3.35<br>0.00  | 36.73<br>3.40<br>-0.01 | 39.92<br>3.66<br>-0.01 | 42.91<br>4.29<br>-0.01 | 46.64<br>4.62<br>-2.50 | 52.48<br>4.76<br>-5.64  | 52.85<br>4.42<br>-7.84  | 61.07<br>4.83<br>-11.05 | 86.12<br>6.00<br>-24.55 | 97.24<br>7.85<br>-18.04 | 102.91<br>10.17<br>-7.96 | 97.38<br>10.04<br>-0.02 | 94.34<br>8.88<br>-0.02  | 81.01<br>5.52<br>-15.46 | 53.51<br>4.37<br>0.00   | 47.86<br>4.07<br>-0.01 |
| LONG_LAKE_PHOENIX<br>24014         | 37.78<br>-0.85<br>0.00 | 29.13<br>-0.62<br>-0.34 | 27.21<br>-0.61<br>-0.29 | 27.61<br>-0.65<br>-0.19 | 29.33<br>-0.72<br>0.00 | 31.72<br>-0.75<br>0.00 | 38.29<br>-0.82<br>0.00 | 38.18<br>-0.82<br>0.00 | 34.86<br>-0.75<br>0.00 | 32.63<br>-0.70<br>0.00 | 35.45<br>-0.80<br>0.00 | 37.76<br>-0.85<br>0.00 | 38.53<br>-0.99<br>0.00 | 41.73<br>-1.05<br>-0.70 | 39.57<br>-1.01<br>0.00  | 44.53<br>-1.04<br>-0.38 | 55.80<br>-1.06<br>-1.29 | 73.06<br>-1.21<br>-2.92 | 89.10<br>-0.85<br>-5.17  | 91.38<br>-0.70<br>-4.75 | 93.90<br>-0.77<br>-9.24 | 61.23<br>-0.96<br>-2.17 | 49.33<br>-0.98<br>-1.18 | 42.99<br>-0.79<br>0.00 |
| LOVETT___3<br>23632                | 41.34<br>2.70<br>0.00  | 35.14<br>2.00<br>-3.73  | 32.62<br>1.90<br>-3.19  | 32.05<br>1.82<br>-2.16  | 31.91<br>1.86<br>0.00  | 34.38<br>1.92<br>0.00  | 41.42<br>2.31<br>0.00  | 41.61<br>2.61<br>0.00  | 38.17<br>2.56<br>0.00  | 36.09<br>2.77<br>0.00  | 39.26<br>3.01<br>0.00  | 41.93<br>3.32<br>0.00  | 47.52<br>3.91<br>-4.09 | 55.54<br>4.21<br>-9.25  | 57.42<br>3.98<br>-12.86 | 59.08<br>4.29<br>-9.60  | 72.02<br>5.33<br>-11.12 | 90.10<br>6.92<br>-11.83 | 92.45<br>8.48<br>0.80    | 95.79<br>8.47<br>0.00   | 92.86<br>7.43<br>0.00   | 64.34<br>4.32<br>0.00   | 52.62<br>3.49<br>0.00   | 46.84<br>3.06<br>0.00  |
| LOVETT___4<br>23642                | 41.34<br>2.70<br>0.00  | 35.14<br>2.00<br>-3.73  | 32.62<br>1.90<br>-3.19  | 32.05<br>1.82<br>-2.16  | 31.91<br>1.86<br>0.00  | 34.38<br>1.92<br>0.00  | 41.42<br>2.31<br>0.00  | 41.61<br>2.61<br>0.00  | 38.17<br>2.56<br>0.00  | 36.09<br>2.77<br>0.00  | 39.26<br>3.01<br>0.00  | 41.93<br>3.32<br>0.00  | 47.52<br>3.91<br>-4.09 | 55.54<br>4.21<br>-9.25  | 57.42<br>3.98<br>-12.86 | 59.08<br>4.29<br>-9.60  | 72.02<br>5.33<br>-11.12 | 90.10<br>6.92<br>-11.83 | 92.45<br>8.48<br>0.80    | 95.79<br>8.47<br>0.00   | 92.86<br>7.43<br>0.00   | 64.34<br>4.32<br>0.00   | 52.62<br>3.49<br>0.00   | 46.84<br>3.06<br>0.00  |
| LOVETT___5<br>23593                | 41.34<br>2.70<br>0.00  | 35.14<br>2.00<br>-3.73  | 32.62<br>1.90<br>-3.19  | 32.05<br>1.82<br>-2.16  | 31.91<br>1.86<br>0.00  | 34.38<br>1.92<br>0.00  | 41.42<br>2.31<br>0.00  | 41.61<br>2.61<br>0.00  | 38.17<br>2.56<br>0.00  | 36.09<br>2.77<br>0.00  | 39.26<br>3.01<br>0.00  | 41.93<br>3.32<br>0.00  | 47.52<br>3.91<br>-4.09 | 55.54<br>4.21<br>-9.25  | 57.42<br>3.98<br>-12.86 | 59.08<br>4.29<br>-9.60  | 72.02<br>5.33<br>-11.12 | 90.10<br>6.92<br>-11.83 | 92.45<br>8.48<br>0.80    | 95.79<br>8.47<br>0.00   | 92.86<br>7.43<br>0.00   | 64.34<br>4.32<br>0.00   | 52.62<br>3.49<br>0.00   | 46.84<br>3.06<br>0.00  |
| LOWER RAQUET___HYD<br>24057        | 37.63<br>-1.00<br>0.00 | 28.71<br>-0.76<br>-0.06 | 26.82<br>-0.77<br>-0.05 | 27.31<br>-0.79<br>-0.04 | 29.24<br>-0.81<br>0.00 | 31.72<br>-0.75<br>0.00 | 37.74<br>-1.37<br>0.00 | 37.13<br>-1.87<br>0.00 | 33.72<br>-1.89<br>0.00 | 31.36<br>-1.97<br>0.00 | 34.07<br>-2.17<br>0.00 | 36.26<br>-2.36<br>0.00 | 37.07<br>-2.45<br>0.00 | 39.48<br>-2.61<br>0.00  | 38.03<br>-2.56<br>0.00  | 42.38<br>-2.80<br>0.00  | 52.12<br>-3.45<br>0.00  | 67.00<br>-4.35<br>0.00  | 80.46<br>-4.32<br>0.00   | 83.39<br>-3.93<br>0.00  | 82.01<br>-3.42<br>0.00  | 57.68<br>-2.34<br>0.00  | 47.27<br>-1.87<br>0.00  | 42.33<br>-1.44<br>0.00 |
| LOWER___HUDSON<br>24059            | 40.06<br>1.43<br>0.00  | 35.09<br>1.29<br>-4.39  | 32.47<br>1.18<br>-3.75  | 31.84<br>1.23<br>-2.54  | 31.34<br>1.29<br>0.00  | 33.80<br>1.33<br>0.00  | 40.67<br>1.57<br>0.00  | 40.44<br>1.44<br>0.00  | 36.78<br>1.17<br>0.00  | 34.19<br>0.87<br>0.00  | 37.23<br>0.98<br>0.00  | 39.54<br>0.93<br>0.00  | 40.59<br>1.07<br>0.00  | 43.39<br>1.31<br>0.00   | 41.84<br>1.26<br>0.00   | 46.54<br>1.35<br>0.00   | 57.07<br>1.50<br>0.00   | 73.57<br>2.21<br>0.00   | 87.92<br>3.14<br>0.00    | 90.64<br>3.32<br>0.00   | 88.85<br>3.42<br>0.00   | 62.30<br>2.28<br>0.00   | 50.95<br>1.82<br>0.00   | 45.17<br>1.40<br>0.00  |

|                                       |                        |                         |                         |                         |                        |                         |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                           |                           |                         |                         |                          |                          |                         |
|---------------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| LOWVILLE_115KV_TB2<br>356335          | 38.79<br>0.15<br>0.00  | 29.67<br>0.09<br>-0.18  | 27.71<br>0.03<br>-0.15  | 27.94<br>-0.22<br>-0.10 | 29.51<br>-0.54<br>0.00 | 31.98<br>-0.49<br>0.00  | 38.33<br>-0.78<br>0.00   | 37.91<br>-1.09<br>0.00   | 34.26<br>-1.35<br>0.00   | 31.73<br>-1.60<br>0.00   | 34.36<br>-1.88<br>0.00   | 36.60<br>-2.01<br>0.00   | 37.51<br>-2.02<br>0.00   | 40.13<br>-2.06<br>-0.11  | 38.92<br>-1.66<br>0.00   | 43.47<br>-1.72<br>0.00   | 53.79<br>-1.78<br>0.00   | 69.35<br>-2.00<br>0.00    | 87.98<br>2.37<br>-0.83    | 91.57<br>3.49<br>-0.76  | 90.50<br>3.59<br>-1.48  | 61.82<br>1.80<br>0.00    | 50.21<br>1.08<br>0.00    | 44.65<br>0.88<br>0.00   |
| LUTHERFT_115KV_GLOB_FND_222<br>355753 | 40.49<br>1.85<br>0.00  | 35.47<br>1.62<br>-4.45  | 32.74<br>1.40<br>-3.80  | 32.10<br>1.46<br>-2.58  | 31.58<br>1.53<br>0.00  | 34.06<br>1.59<br>0.00   | 40.99<br>1.88<br>0.00    | 40.75<br>1.75<br>0.00    | 36.96<br>1.35<br>0.00    | 34.36<br>1.03<br>0.00    | 37.41<br>1.16<br>0.00    | 39.73<br>1.12<br>0.00    | 40.71<br>1.19<br>0.00    | 43.56<br>1.47<br>0.00    | 42.05<br>1.46<br>0.00    | 46.72<br>1.54<br>0.00    | 57.57<br>2.00<br>0.00    | 74.28<br>2.93<br>0.00     | 89.10<br>4.32<br>0.00     | 91.95<br>4.63<br>0.00   | 90.13<br>4.70<br>0.00   | 63.20<br>3.18<br>0.00    | 51.54<br>2.41<br>0.00    | 45.96<br>2.19<br>0.00   |
| LUTHERNY_35_KV_BK2<br>355980          | 40.53<br>1.89<br>0.00  | 35.50<br>1.65<br>-4.45  | 32.74<br>1.40<br>-3.80  | 32.13<br>1.49<br>-2.58  | 31.61<br>1.56<br>0.00  | 34.09<br>1.62<br>0.00   | 40.99<br>1.88<br>0.00    | 40.79<br>1.79<br>0.00    | 36.96<br>1.35<br>0.00    | 34.36<br>1.03<br>0.00    | 37.41<br>1.16<br>0.00    | 39.73<br>1.12<br>0.00    | 40.75<br>1.23<br>0.00    | 43.60<br>1.52<br>0.00    | 42.05<br>1.46<br>0.00    | 46.72<br>1.54<br>0.00    | 57.62<br>2.06<br>0.00    | 74.35<br>3.00<br>0.00     | 89.19<br>4.41<br>0.00     | 92.03<br>4.72<br>0.00   | 90.21<br>4.78<br>0.00   | 63.26<br>3.24<br>0.00    | 51.59<br>2.46<br>0.00    | 46.01<br>2.23<br>0.00   |
| LWR__OSWEGATCHIE_HYD<br>23850         | 37.86<br>-0.77<br>0.00 | 28.91<br>-0.62<br>-0.12 | 27.03<br>-0.61<br>-0.10 | 27.37<br>-0.76<br>-0.07 | 29.15<br>-0.90<br>0.00 | 31.62<br>-0.84<br>0.00  | 37.74<br>-1.37<br>0.00   | 37.20<br>-1.79<br>0.00   | 33.69<br>-1.92<br>0.00   | 31.26<br>-2.07<br>0.00   | 33.89<br>-2.36<br>0.00   | 36.10<br>-2.51<br>0.00   | 36.91<br>-2.61<br>0.00   | 39.41<br>-2.78<br>-0.10  | 37.99<br>-2.60<br>0.00   | 42.38<br>-2.80<br>0.00   | 52.51<br>-3.06<br>0.00   | 67.64<br>-3.71<br>0.00    | 83.81<br>-1.70<br>-0.73   | 87.12<br>-0.87<br>-0.67 | 86.13<br>-0.60<br>-1.30 | 59.24<br>-0.78<br>0.00   | 48.30<br>-0.84<br>0.00   | 43.12<br>-0.66<br>0.00  |
| LYONS_FALL_HYD<br>23570               | 38.98<br>0.35<br>0.00  | 29.82<br>0.23<br>-0.17  | 27.88<br>0.19<br>-0.15  | 28.13<br>-0.03<br>-0.10 | 29.81<br>-0.24<br>0.00 | 32.34<br>-0.13<br>0.00  | 38.79<br>-0.31<br>0.00   | 38.49<br>-0.51<br>0.00   | 34.90<br>-0.71<br>0.00   | 32.39<br>-0.93<br>0.00   | 35.16<br>-1.09<br>0.00   | 37.46<br>-1.16<br>0.00   | 38.37<br>-1.15<br>0.00   | 40.96<br>-1.22<br>-0.09  | 39.65<br>-0.93<br>0.00   | 44.28<br>-0.90<br>0.00   | 54.96<br>-0.61<br>0.00   | 70.71<br>-0.64<br>0.00    | 88.36<br>2.88<br>-0.70    | 91.80<br>3.84<br>-0.64  | 90.53<br>3.85<br>-1.25  | 62.06<br>2.04<br>0.00    | 50.41<br>1.28<br>0.00    | 44.82<br>1.05<br>0.00   |
| MADISON__COUNTY_LFGE<br>323628        | 39.33<br>0.70<br>0.00  | 30.17<br>0.50<br>-0.26  | 28.19<br>0.44<br>-0.22  | 28.57<br>0.36<br>-0.15  | 30.38<br>0.33<br>0.00  | 32.95<br>0.49<br>0.00   | 39.66<br>0.55<br>0.00    | 39.54<br>0.55<br>0.00    | 36.04<br>0.43<br>0.00    | 33.59<br>0.27<br>0.00    | 36.50<br>0.25<br>0.00    | 38.92<br>0.31<br>0.00    | 39.80<br>0.28<br>0.00    | 42.49<br>0.29<br>-0.11   | 40.91<br>0.32<br>0.00    | 45.57<br>0.50<br>0.12    | 56.40<br>1.22<br>0.39    | 72.18<br>1.71<br>0.88     | 89.23<br>3.65<br>-0.81    | 92.26<br>4.19<br>-0.75  | 90.98<br>4.10<br>-1.45  | 61.71<br>2.34<br>0.66    | 50.40<br>1.62<br>0.36    | 45.09<br>1.31<br>0.00   |
| MALONE__115KV_TB1<br>356076           | 38.21<br>-0.42<br>0.00 | 29.09<br>-0.32<br>0.00  | 27.15<br>-0.39<br>0.00  | 27.67<br>-0.39<br>0.00  | 29.78<br>-0.27<br>0.00 | 32.24<br>-0.23<br>0.00  | 38.76<br>-0.35<br>0.00   | 38.41<br>-0.58<br>0.00   | 35.07<br>-0.53<br>0.00   | 32.73<br>-0.60<br>0.00   | 35.56<br>-0.69<br>0.00   | 37.92<br>-0.70<br>0.00   | 38.69<br>-0.83<br>0.00   | 41.16<br>-0.93<br>0.00   | 39.61<br>-0.97<br>0.00   | 44.15<br>-1.04<br>0.00   | 54.12<br>-1.44<br>0.00   | 69.35<br>-2.00<br>0.00    | 82.40<br>-2.37<br>0.00    | 85.05<br>-2.27<br>0.00  | 83.38<br>-2.05<br>0.00  | 58.70<br>-1.32<br>0.00   | 48.20<br>-0.93<br>0.00   | 42.90<br>-0.88<br>0.00  |
| MAPLEWOD_115KV_TB3<br>80458           | 39.87<br>1.24<br>0.00  | 34.92<br>1.15<br>-4.36  | 32.33<br>1.07<br>-3.72  | 31.71<br>1.12<br>-2.53  | 31.22<br>1.17<br>0.00  | 33.67<br>1.20<br>0.00   | 40.36<br>1.25<br>0.00    | 40.21<br>1.21<br>0.00    | 36.61<br>1.00<br>0.00    | 34.13<br>0.80<br>0.00    | 37.15<br>0.91<br>0.00    | 39.50<br>0.89<br>0.00    | 40.59<br>1.07<br>0.00    | 43.39<br>1.30<br>0.00    | 41.84<br>1.26<br>0.00    | 46.59<br>1.40<br>0.00    | 57.07<br>1.50<br>0.00    | 73.49<br>2.14<br>0.00     | 87.83<br>3.05<br>0.00     | 90.46<br>3.14<br>0.00   | 88.59<br>3.16<br>0.00   | 62.06<br>2.04<br>0.00    | 50.71<br>1.57<br>0.00    | 45.00<br>1.23<br>0.00   |
| MAPLE_RIDGE_WT_1<br>323574            | 38.21<br>-0.42<br>0.00 | 29.06<br>-0.35<br>0.00  | 27.15<br>-0.39<br>0.00  | 27.61<br>-0.45<br>0.00  | 29.51<br>-0.54<br>0.00 | 31.82<br>-0.65<br>0.00  | 38.33<br>-0.78<br>0.00   | 38.18<br>-0.82<br>0.00   | 34.86<br>-0.75<br>0.00   | 32.66<br>-0.67<br>0.00   | 35.56<br>-0.69<br>0.00   | 37.88<br>-0.73<br>0.00   | 38.73<br>-0.79<br>0.00   | 41.20<br>-0.89<br>0.00   | 39.73<br>-0.85<br>0.00   | 44.23<br>-0.95<br>0.00   | 54.29<br>-1.28<br>0.00   | 69.71<br>-1.64<br>0.00    | 82.83<br>-1.95<br>0.00    | 85.31<br>-2.00<br>0.00  | 83.47<br>-1.96<br>0.00  | 58.64<br>-1.38<br>0.00   | 48.05<br>-1.08<br>0.00   | 42.81<br>-0.96<br>0.00  |
| MAPLE_RIDGE_WT_2<br>323611            | 38.21<br>-0.42<br>0.00 | 29.06<br>-0.35<br>0.00  | 27.15<br>-0.39<br>0.00  | 27.61<br>-0.45<br>0.00  | 29.51<br>-0.54<br>0.00 | 31.82<br>-0.65<br>0.00  | 38.33<br>-0.78<br>0.00   | 38.18<br>-0.82<br>0.00   | 34.86<br>-0.75<br>0.00   | 32.66<br>-0.67<br>0.00   | 35.56<br>-0.69<br>0.00   | 37.88<br>-0.73<br>0.00   | 38.73<br>-0.79<br>0.00   | 41.20<br>-0.89<br>0.00   | 39.73<br>-0.85<br>0.00   | 44.23<br>-0.95<br>0.00   | 54.29<br>-1.28<br>0.00   | 69.71<br>-1.64<br>0.00    | 82.83<br>-1.95<br>0.00    | 85.31<br>-2.00<br>0.00  | 83.47<br>-1.96<br>0.00  | 58.64<br>-1.38<br>0.00   | 48.05<br>-1.08<br>0.00   | 42.81<br>-0.96<br>0.00  |
| MARBLE_RIVER_WT_PWR<br>323696         | 38.13<br>-0.50<br>0.00 | 29.03<br>-0.38<br>0.00  | 27.12<br>-0.41<br>0.00  | 27.64<br>-0.42<br>0.00  | 29.66<br>-0.39<br>0.00 | 32.08<br>-0.39<br>0.00  | 38.64<br>-0.47<br>0.00   | 38.45<br>-0.55<br>0.00   | 35.11<br>-0.50<br>0.00   | 32.83<br>-0.50<br>0.00   | 35.74<br>-0.51<br>0.00   | 38.07<br>-0.54<br>0.00   | 38.93<br>-0.59<br>0.00   | 41.41<br>-0.67<br>0.00   | 39.89<br>-0.69<br>0.00   | 44.37<br>-0.81<br>0.00   | 54.23<br>-1.33<br>0.00   | 69.36<br>-2.00<br>0.00    | 81.90<br>-2.88<br>0.00    | 84.26<br>-3.06<br>0.00  | 82.52<br>-2.90<br>0.00  | 58.28<br>-1.74<br>0.00   | 47.95<br>-1.18<br>0.00   | 42.72<br>-1.05<br>0.00  |
| MARSHVLE_115KV_TB1<br>80742           | 40.60<br>1.97<br>0.00  | 35.99<br>1.62<br>-4.96  | 33.12<br>1.35<br>-4.24  | 32.34<br>1.40<br>-2.88  | 31.55<br>1.50<br>0.00  | 34.09<br>1.62<br>0.00   | 40.99<br>1.88<br>0.00    | 40.44<br>1.44<br>0.00    | 36.29<br>0.68<br>0.00    | 33.59<br>0.27<br>0.00    | 36.47<br>0.22<br>0.00    | 38.69<br>0.08<br>0.00    | 39.56<br>0.04<br>0.00    | 42.21<br>0.13<br>0.00    | 40.79<br>0.20<br>0.00    | 45.73<br>0.54<br>0.00    | 56.73<br>1.17<br>0.00    | 73.56<br>2.21<br>0.00     | 89.95<br>5.17<br>0.00     | 93.96<br>6.64<br>0.00   | 92.26<br>6.83<br>0.00   | 64.28<br>4.26<br>0.00    | 52.57<br>3.44<br>0.00    | 46.53<br>2.76<br>0.00   |
| MARSH_HILL_WT_PWR<br>323713           | 37.05<br>-1.59<br>0.00 | 28.55<br>-1.71<br>-0.84 | 26.60<br>-1.65<br>-0.72 | 26.75<br>-1.80<br>-0.49 | 28.16<br>-1.89<br>0.00 | 30.83<br>-1.79<br>-0.15 | 67.22<br>-2.19<br>-30.31 | 69.86<br>-2.03<br>-32.89 | 63.93<br>-1.46<br>-29.78 | 50.62<br>-1.43<br>-18.73 | 57.68<br>-1.59<br>-23.03 | 57.75<br>-1.66<br>-20.79 | 64.15<br>-1.78<br>-26.40 | 80.47<br>-1.94<br>-40.32 | 65.23<br>-2.35<br>-27.00 | 76.28<br>-2.49<br>-33.58 | 95.06<br>-2.33<br>-41.83 | 106.70<br>-2.64<br>-37.98 | 150.43<br>-0.85<br>-66.50 | 87.67<br>-0.35<br>-0.69 | 85.35<br>-1.54<br>-1.46 | 71.04<br>-2.16<br>-13.18 | 62.57<br>-2.21<br>-15.65 | 41.45<br>-2.36<br>-0.04 |
| MCINTYRE_115KV_TB2<br>80467           | 38.40<br>-0.23<br>0.00 | 29.26<br>-0.21<br>-0.05 | 27.36<br>-0.22<br>-0.05 | 27.84<br>-0.25<br>-0.03 | 29.87<br>-0.18<br>0.00 | 32.40<br>-0.06<br>0.00  | 38.76<br>-0.35<br>0.00   | 38.26<br>-0.74<br>0.00   | 34.68<br>-0.93<br>0.00   | 32.23<br>-1.10<br>0.00   | 34.94<br>-1.30<br>0.00   | 37.18<br>-1.43<br>0.00   | 38.02<br>-1.50<br>0.00   | 40.44<br>-1.64<br>0.00   | 39.00<br>-1.58<br>0.00   | 43.51<br>-1.67<br>0.00   | 53.40<br>-2.17<br>0.00   | 68.78<br>-2.57<br>0.00    | 82.57<br>-2.20<br>0.00    | 85.92<br>-1.40<br>0.00  | 84.49<br>-0.94<br>0.00  | 59.54<br>-0.48<br>0.00   | 48.79<br>-0.34<br>0.00   | 43.56<br>-0.22<br>0.00  |
| MECO____69_KV_BK1<br>80468            | 40.95<br>2.32<br>0.00  | 36.12<br>1.94<br>-4.77  | 33.23<br>1.62<br>-4.07  | 32.54<br>1.71<br>-2.76  | 31.88<br>1.83<br>0.00  | 34.41<br>1.95<br>0.00   | 41.34<br>2.23<br>0.00    | 40.75<br>1.75<br>0.00    | 36.46<br>0.85<br>0.00    | 33.66<br>0.33<br>0.00    | 36.50<br>0.25<br>0.00    | 38.69<br>0.08<br>0.00    | 39.60<br>0.08<br>0.00    | 42.30<br>0.21<br>0.00    | 40.91<br>0.32<br>0.00    | 46.00<br>0.81<br>0.00    | 57.23<br>1.67<br>0.00    | 74.49<br>3.14<br>0.00     | 91.22<br>6.44<br>0.00     | 95.27<br>7.95<br>0.00   | 93.54<br>8.12<br>0.00   | 65.24<br>5.22<br>0.00    | 53.06<br>3.93<br>0.00    | 46.97<br>3.20<br>0.00   |

|  |                        |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                        |                        |                         |                         |                         |                         |                         |                        |                        |                        |
|--|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| MENANDS__115KV_TB5<br>355628               | 39.71<br>1.08<br>0.00  | 34.79<br>1.03<br>-4.35  | 32.27<br>1.02<br>-3.72  | 31.62<br>1.04<br>-2.52  | 31.13<br>1.08<br>0.00  | 33.57<br>1.10<br>0.00  | 40.20<br>1.10<br>0.00  | 40.05<br>1.05<br>0.00  | 36.53<br>0.93<br>0.00  | 34.06<br>0.73<br>0.00  | 37.08<br>0.83<br>0.00  | 39.42<br>0.81<br>0.00  | 40.51<br>0.99<br>0.00  | 43.31<br>1.22<br>0.00   | 41.76<br>1.18<br>0.00  | 46.45<br>1.27<br>0.00  | 56.84<br>1.28<br>0.00   | 73.14<br>1.78<br>0.00   | 87.32<br>2.54<br>0.00   | 89.94<br>2.62<br>0.00   | 88.08<br>2.65<br>0.00   | 61.70<br>1.68<br>0.00  | 50.41<br>1.28<br>0.00  | 44.78<br>1.01<br>0.00  |
| MG INDUSTRY__DRP<br>24185                  | 39.91<br>1.27<br>0.00  | 34.79<br>1.09<br>-4.29  | 32.21<br>1.02<br>-3.66  | 31.58<br>1.04<br>-2.49  | 31.16<br>1.11<br>0.00  | 33.57<br>1.10<br>0.00  | 40.28<br>1.17<br>0.00  | 40.09<br>1.09<br>0.00  | 36.46<br>0.85<br>0.00  | 33.99<br>0.67<br>0.00  | 36.97<br>0.72<br>0.00  | 39.31<br>0.70<br>0.00  | 40.39<br>0.87<br>0.00  | 43.14<br>1.05<br>0.00   | 41.64<br>1.06<br>0.00  | 46.41<br>1.22<br>0.00  | 56.95<br>1.39<br>0.00   | 73.42<br>2.07<br>0.00   | 87.83<br>3.05<br>0.00   | 90.64<br>3.32<br>0.00   | 88.59<br>3.16<br>0.00   | 62.06<br>2.04<br>0.00  | 50.75<br>1.62<br>0.00  | 45.13<br>1.36<br>0.00  |
| MID__OSWEGATCHIE_HYD<br>23849              | 37.86<br>-0.77<br>0.00 | 28.91<br>-0.62<br>-0.12 | 27.03<br>-0.61<br>-0.10 | 27.37<br>-0.76<br>-0.07 | 29.15<br>-0.90<br>0.00 | 31.62<br>-0.84<br>0.00 | 37.74<br>-1.37<br>0.00 | 37.20<br>-1.79<br>0.00 | 33.69<br>-1.92<br>0.00 | 31.26<br>-2.07<br>0.00 | 33.89<br>-2.36<br>0.00 | 36.10<br>-2.51<br>0.00 | 36.91<br>-2.61<br>0.00 | 39.41<br>-2.78<br>-0.10 | 37.99<br>-2.60<br>0.00 | 42.38<br>-2.80<br>0.00 | 52.51<br>-3.06<br>0.00  | 67.64<br>-3.71<br>0.00  | 83.81<br>-1.70<br>-0.73 | 87.12<br>-0.87<br>-0.67 | 86.13<br>-0.60<br>-1.30 | 59.24<br>-0.78<br>0.00 | 48.30<br>-0.84<br>0.00 | 43.12<br>-0.66<br>0.00 |
| MID__RAQUETTE_HYD<br>23851                 | 37.63<br>-1.00<br>0.00 | 28.71<br>-0.76<br>-0.06 | 26.82<br>-0.77<br>-0.05 | 27.31<br>-0.79<br>-0.04 | 29.24<br>-0.81<br>0.00 | 31.72<br>-0.75<br>0.00 | 37.74<br>-1.37<br>0.00 | 37.13<br>-1.87<br>0.00 | 33.72<br>-1.89<br>0.00 | 31.36<br>-1.97<br>0.00 | 34.07<br>-2.17<br>0.00 | 36.26<br>-2.36<br>0.00 | 37.07<br>-2.45<br>0.00 | 39.48<br>-2.61<br>0.00  | 38.03<br>-2.56<br>0.00 | 42.38<br>-2.80<br>0.00 | 52.06<br>-3.50<br>0.00  | 66.93<br>-4.42<br>0.00  | 80.45<br>-4.32<br>0.00  | 83.39<br>-3.93<br>0.00  | 82.01<br>-3.42<br>0.00  | 57.68<br>-2.34<br>0.00 | 47.27<br>-1.87<br>0.00 | 42.33<br>-1.44<br>0.00 |
| MILLIKEN__1<br>23584                       | 39.10<br>0.46<br>0.00  | 30.55<br>0.29<br>-0.85  | 28.45<br>0.19<br>-0.72  | 28.72<br>0.17<br>-0.49  | 30.20<br>0.15<br>0.00  | 32.74<br>0.26<br>-0.01 | 41.68<br>0.39<br>-2.18 | 41.90<br>0.47<br>-2.44 | 37.92<br>0.43<br>-1.88 | 34.84<br>0.33<br>-1.19 | 37.96<br>0.25<br>-1.46 | 40.24<br>0.31<br>-1.32 | 41.47<br>0.28<br>-1.67 | 45.16<br>0.29<br>-2.78  | 42.58<br>0.28<br>-1.71 | 47.73<br>0.50<br>-2.04 | 59.18<br>1.22<br>-2.40  | 75.08<br>1.93<br>-1.80  | 94.53<br>3.65<br>-6.10  | 92.96<br>4.02<br>-1.63  | 92.36<br>3.76<br>-3.17  | 62.32<br>1.92<br>-0.38 | 51.14<br>1.28<br>-0.73 | 44.78<br>1.01<br>0.00  |
| MILLIKEN__2<br>23585                       | 39.10<br>0.46<br>0.00  | 30.55<br>0.29<br>-0.85  | 28.45<br>0.19<br>-0.72  | 28.72<br>0.17<br>-0.49  | 30.20<br>0.15<br>0.00  | 32.74<br>0.26<br>-0.01 | 41.68<br>0.39<br>-2.18 | 41.90<br>0.47<br>-2.44 | 37.92<br>0.43<br>-1.88 | 34.84<br>0.33<br>-1.19 | 37.96<br>0.25<br>-1.46 | 40.24<br>0.31<br>-1.32 | 41.47<br>0.28<br>-1.67 | 45.16<br>0.29<br>-2.78  | 42.58<br>0.28<br>-1.71 | 47.73<br>0.50<br>-2.04 | 59.18<br>1.22<br>-2.40  | 75.08<br>1.93<br>-1.80  | 94.53<br>3.65<br>-6.10  | 92.96<br>4.02<br>-1.63  | 92.36<br>3.76<br>-3.17  | 62.32<br>1.92<br>-0.38 | 51.14<br>1.28<br>-0.73 | 44.78<br>1.01<br>0.00  |
| MILLIKEN__DIESEL<br>23629                  | 39.10<br>0.46<br>0.00  | 30.55<br>0.29<br>-0.85  | 28.45<br>0.19<br>-0.72  | 28.72<br>0.17<br>-0.49  | 30.20<br>0.15<br>0.00  | 32.74<br>0.26<br>-0.01 | 41.68<br>0.39<br>-2.18 | 41.90<br>0.47<br>-2.44 | 37.92<br>0.43<br>-1.88 | 34.84<br>0.33<br>-1.19 | 37.96<br>0.25<br>-1.46 | 40.24<br>0.31<br>-1.32 | 41.47<br>0.28<br>-1.67 | 45.16<br>0.29<br>-2.78  | 42.58<br>0.28<br>-1.71 | 47.73<br>0.50<br>-2.04 | 59.18<br>1.22<br>-2.40  | 75.08<br>1.93<br>-1.80  | 94.53<br>3.65<br>-6.10  | 92.96<br>4.02<br>-1.63  | 92.36<br>3.76<br>-3.17  | 62.32<br>1.92<br>-0.38 | 51.14<br>1.28<br>-0.73 | 44.78<br>1.01<br>0.00  |
| MILLSEAT__LFGE<br>323607                   | 35.81<br>-2.82<br>0.00 | 27.28<br>-2.73<br>-0.60 | 25.54<br>-2.51<br>-0.51 | 25.55<br>-2.86<br>-0.35 | 26.86<br>-3.19<br>0.00 | 28.74<br>-3.41<br>0.32 | 29.28<br>-3.29<br>6.54 | 28.64<br>-3.00<br>7.35 | 27.54<br>-2.60<br>5.47 | 27.45<br>-2.43<br>3.44 | 29.33<br>-2.68<br>4.23 | 32.01<br>-2.78<br>3.82 | 31.75<br>-2.92<br>4.85 | 31.54<br>-3.16<br>7.39  | 32.50<br>-3.12<br>4.96 | 35.32<br>-3.21<br>6.66 | 42.99<br>-3.28<br>9.29  | 56.32<br>-4.28<br>10.75 | 72.01<br>-3.31<br>9.46  | 84.78<br>-2.54<br>0.00  | 81.57<br>-3.84<br>0.02  | 51.04<br>-3.72<br>5.26 | 41.54<br>-3.09<br>4.50 | 41.32<br>-2.45<br>0.01 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H<br>345005 | 41.41<br>2.78<br>0.00  | 35.28<br>2.09<br>-3.78  | 32.72<br>1.95<br>-3.23  | 32.13<br>1.88<br>-2.19  | 31.97<br>1.92<br>0.00  | 34.45<br>1.98<br>0.00  | 41.53<br>2.42<br>0.00  | 41.69<br>2.69<br>0.00  | 38.24<br>2.64<br>0.00  | 36.19<br>2.87<br>0.00  | 39.33<br>3.08<br>0.00  | 42.05<br>3.44<br>0.00  | 46.27<br>3.99<br>-2.76 | 52.65<br>4.33<br>-6.23  | 53.35<br>4.10<br>-8.67 | 55.85<br>4.47<br>-6.19 | 67.65<br>5.56<br>-6.53  | 85.96<br>7.21<br>-7.40  | 92.60<br>8.82<br>0.99   | 96.14<br>8.82<br>0.00   | 93.12<br>7.69<br>0.00   | 64.52<br>4.50<br>0.00  | 52.77<br>3.64<br>0.00  | 46.97<br>3.20<br>0.00  |
| MILLWOOD_13_KV_LOAD<br>356217              | 41.53<br>2.90<br>0.00  | 35.34<br>2.15<br>-3.78  | 32.80<br>2.04<br>-3.23  | 32.22<br>1.96<br>-2.19  | 32.03<br>1.98<br>0.00  | 34.51<br>2.05<br>0.00  | 41.57<br>2.46<br>0.00  | 41.77<br>2.77<br>0.00  | 38.32<br>2.71<br>0.00  | 36.26<br>2.93<br>0.00  | 39.40<br>3.15<br>0.00  | 42.16<br>3.55<br>0.00  | 46.39<br>4.11<br>-2.76 | 52.78<br>4.46<br>-6.23  | 53.47<br>4.22<br>-8.67 | 55.98<br>4.61<br>-6.19 | 67.88<br>5.78<br>-6.53  | 86.25<br>7.49<br>-7.40  | 92.94<br>9.16<br>0.99   | 96.49<br>9.17<br>0.00   | 93.46<br>8.03<br>0.00   | 64.76<br>4.74<br>0.00  | 52.92<br>3.78<br>0.00  | 47.06<br>3.28<br>0.00  |
| MODEL_CITY_ENERGY<br>24167                 | 34.61<br>-4.02<br>0.00 | 26.34<br>-3.71<br>-0.63 | 24.66<br>-3.42<br>-0.54 | 24.67<br>-3.76<br>-0.37 | 25.90<br>-4.15<br>0.00 | 27.79<br>-4.51<br>0.16 | 26.41<br>-4.50<br>8.20 | 25.64<br>-4.21<br>9.15 | 25.12<br>-3.67<br>6.82 | 25.70<br>-3.33<br>4.29 | 27.38<br>-3.59<br>5.27 | 30.07<br>-3.78<br>4.76 | 29.52<br>-3.95<br>6.05 | 28.59<br>-4.29<br>9.20  | 30.10<br>-4.30<br>6.18 | 32.35<br>-4.65<br>8.18 | 38.46<br>-5.28<br>11.83 | 51.09<br>-7.28<br>12.98 | 64.14<br>-7.29<br>13.35 | 80.51<br>-6.81<br>0.00  | 77.29<br>-8.12<br>0.03  | 47.61<br>-6.42<br>5.99 | 38.81<br>-5.01<br>5.31 | 39.70<br>-4.07<br>0.01 |
| MODERN_LFGE__<br>323580                    | 34.61<br>-4.02<br>0.00 | 26.34<br>-3.71<br>-0.63 | 24.66<br>-3.42<br>-0.54 | 24.67<br>-3.76<br>-0.37 | 25.90<br>-4.15<br>0.00 | 27.79<br>-4.51<br>0.16 | 26.41<br>-4.50<br>8.20 | 25.64<br>-4.21<br>9.15 | 25.12<br>-3.67<br>6.82 | 25.70<br>-3.33<br>4.29 | 27.38<br>-3.59<br>5.27 | 30.07<br>-3.78<br>4.76 | 29.52<br>-3.95<br>6.05 | 28.59<br>-4.29<br>9.20  | 30.10<br>-4.30<br>6.18 | 32.35<br>-4.65<br>8.18 | 38.46<br>-5.28<br>11.83 | 51.09<br>-7.28<br>12.98 | 64.14<br>-7.29<br>13.35 | 80.51<br>-6.81<br>0.00  | 77.29<br>-8.12<br>0.03  | 47.61<br>-6.42<br>5.99 | 38.81<br>-5.01<br>5.31 | 39.70<br>-4.07<br>0.01 |
| MOHAWK_PAPER__DRP<br>24187                 | 39.87<br>1.24<br>0.00  | 34.92<br>1.15<br>-4.36  | 32.33<br>1.07<br>-3.72  | 31.71<br>1.12<br>-2.53  | 31.22<br>1.17<br>0.00  | 33.67<br>1.20<br>0.00  | 40.36<br>1.25<br>0.00  | 40.21<br>1.21<br>0.00  | 36.61<br>1.00<br>0.00  | 34.13<br>0.80<br>0.00  | 37.15<br>0.91<br>0.00  | 39.50<br>0.89<br>0.00  | 40.59<br>1.07<br>0.00  | 43.39<br>1.30<br>0.00   | 41.84<br>1.26<br>0.00  | 46.59<br>1.40<br>0.00  | 57.07<br>1.50<br>0.00   | 73.49<br>2.14<br>0.00   | 87.83<br>3.05<br>0.00   | 90.46<br>3.14<br>0.00   | 88.59<br>3.16<br>0.00   | 62.06<br>2.04<br>0.00  | 50.71<br>1.57<br>0.00  | 45.00<br>1.23<br>0.00  |
| MOHICAN__35_KV_115KV_LD<br>80490           | 40.84<br>2.20<br>0.00  | 35.77<br>1.91<br>-4.45  | 32.93<br>1.60<br>-3.80  | 32.35<br>1.71<br>-2.58  | 31.85<br>1.80<br>0.00  | 34.35<br>1.88<br>0.00  | 41.30<br>2.19<br>0.00  | 41.07<br>2.07<br>0.00  | 37.10<br>1.50<br>0.00  | 34.43<br>1.10<br>0.00  | 37.48<br>1.23<br>0.00  | 39.77<br>1.16<br>0.00  | 40.75<br>1.23<br>0.00  | 43.64<br>1.56<br>0.00   | 42.05<br>1.46<br>0.00  | 46.36<br>1.17<br>0.00  | 57.29<br>1.72<br>0.00   | 73.99<br>2.64<br>0.00   | 89.19<br>4.41<br>0.00   | 92.12<br>4.80<br>0.00   | 90.47<br>5.04<br>0.00   | 63.44<br>3.42<br>0.00  | 51.59<br>2.46<br>0.00  | 46.44<br>2.67<br>0.00  |
| MONGAUP__HYD<br>23641                      | 41.22<br>2.59<br>0.00  | 34.93<br>1.91<br>-3.61  | 32.43<br>1.82<br>-3.08  | 31.89<br>1.74<br>-2.09  | 31.76<br>1.71<br>0.00  | 34.25<br>1.78<br>0.00  | 41.18<br>2.07<br>0.00  | 41.34<br>2.30<br>-0.04 | 37.75<br>2.14<br>0.00  | 35.52<br>2.20<br>0.00  | 38.53<br>2.29<br>0.00  | 41.12<br>2.51<br>0.00  | 29.37<br>2.97<br>13.12 | 15.60<br>3.20<br>29.68  | 2.39<br>3.05<br>41.24  | 15.82<br>3.34<br>32.71 | 17.76<br>4.45<br>42.25  | 35.94<br>6.42<br>41.84  | 92.28<br>7.97<br>0.46   | 95.62<br>8.30<br>0.00   | 92.61<br>7.18<br>0.00   | 64.10<br>4.08<br>0.00  | 52.28<br>3.15<br>0.00  | 46.44<br>2.67<br>0.00  |

|  |                        |                         |                         |                         |                        |                         |                         |                          |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                           |                         |                         |                         |                         |                        |
|--|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| MONTAUK___DIESEL<br>23721                  | 42.04<br>3.40<br>-0.01 | 35.70<br>2.50<br>-3.79  | 32.86<br>2.09<br>-3.24  | 32.36<br>2.10<br>-2.20  | 32.81<br>2.76<br>0.00  | 35.29<br>2.82<br>0.00   | 42.78<br>3.68<br>0.00   | 42.98<br>3.98<br>0.00    | 39.13<br>3.53<br>0.00   | 36.83<br>3.50<br>-0.01  | 40.03<br>3.77<br>-0.01  | 43.18<br>4.56<br>-0.01  | 46.56<br>4.54<br>-2.50  | 52.19<br>4.46<br>-5.64  | 52.48<br>4.06<br>-7.84  | 56.39<br>4.56<br>-6.64  | 70.94<br>5.89<br>-9.49  | 87.75<br>7.56<br>-8.83   | 95.73<br>10.17<br>-0.78   | 97.45<br>10.13<br>0.00  | 94.40<br>8.97<br>0.00   | 68.97<br>5.64<br>-3.31  | 53.16<br>4.03<br>0.00   | 47.50<br>3.72<br>-0.01 |
| MOONROAD_115KV_HARTFLD_TB1-2<br>355988     | 35.04<br>-3.59<br>0.00 | 26.58<br>-3.56<br>-0.72 | 24.85<br>-3.30<br>-0.62 | 24.86<br>-3.62<br>-0.42 | 26.17<br>-3.88<br>0.00 | 28.57<br>-3.77<br>0.13  | 26.76<br>-4.69<br>7.65  | 25.22<br>-3.82<br>9.96   | 25.06<br>-2.24<br>8.31  | 26.06<br>-2.03<br>5.23  | 27.53<br>-2.28<br>6.43  | 30.45<br>-2.36<br>5.81  | 29.74<br>-2.41<br>7.37  | 28.05<br>-2.82<br>11.22 | 30.17<br>-2.88<br>7.54  | 32.37<br>-2.98<br>9.83  | 41.25<br>-2.78<br>11.54 | 54.49<br>-4.00<br>12.87  | 66.88<br>-3.05<br>14.85   | 84.35<br>-2.97<br>0.00  | 80.79<br>-4.61<br>0.03  | 50.07<br>-3.90<br>6.05  | 40.67<br>-3.14<br>5.32  | 40.17<br>-3.59<br>0.01 |
| MORRIS_RIDGE___SOLAR<br>323848             | 36.51<br>-2.12<br>0.00 | 28.02<br>-2.21<br>-0.82 | 26.17<br>-2.07<br>-0.70 | 26.23<br>-2.30<br>-0.47 | 27.58<br>-2.46<br>0.00 | 29.66<br>-2.47<br>0.34  | -8.84<br>-2.93<br>45.01 | -13.41<br>-2.77<br>49.64 | 1.15<br>-2.03<br>32.43  | 10.99<br>-1.93<br>20.40 | 9.03<br>-2.14<br>25.08  | 13.77<br>-2.20<br>22.65 | 8.47<br>-2.29<br>28.76  | -4.12<br>-2.48<br>43.72 | 8.50<br>-2.68<br>29.40  | 5.24<br>-2.76<br>37.19  | 6.77<br>-2.78<br>46.02  | 22.98<br>-3.35<br>45.02  | 17.12<br>-2.20<br>65.45   | 86.16<br>-1.66<br>-0.50 | 83.72<br>-2.56<br>-0.85 | 39.74<br>-2.52<br>17.76 | 28.04<br>-2.31<br>18.78 | 41.37<br>-2.36<br>0.04 |
| MORTIMER_115KV_TB3<br>55949                | 37.20<br>-1.43<br>0.00 | 28.59<br>-1.32<br>-0.51 | 26.75<br>-1.21<br>-0.43 | 26.95<br>-1.40<br>-0.29 | 28.43<br>-1.62<br>0.00 | 30.68<br>-1.82<br>-0.03 | 37.39<br>-1.72<br>0.00  | 37.20<br>-1.72<br>0.09   | 33.98<br>-1.64<br>-0.01 | 31.83<br>-1.50<br>0.00  | 34.59<br>-1.67<br>-0.01 | 36.96<br>-1.66<br>0.00  | 37.79<br>-1.74<br>-0.01 | 40.24<br>-1.85<br>-0.01 | 38.76<br>-1.83<br>-0.01 | 42.99<br>-1.72<br>0.47  | 52.35<br>-1.56<br>1.66  | 65.75<br>-1.86<br>3.75   | 83.76<br>-1.02<br>0.00    | 86.88<br>-0.44<br>0.00  | 84.15<br>-1.28<br>0.00  | 55.08<br>-2.16<br>2.78  | 45.80<br>-1.82<br>1.52  | 42.68<br>-1.09<br>0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J<br>345006   | 41.76<br>3.13<br>0.00  | 35.52<br>2.32<br>-3.79  | 32.97<br>2.20<br>-3.24  | 32.39<br>2.13<br>-2.20  | 32.21<br>2.16<br>0.00  | 34.71<br>2.24<br>0.00   | 41.81<br>2.70<br>0.00   | 42.04<br>3.04<br>0.00    | 38.64<br>3.03<br>0.00   | 36.57<br>3.23<br>-0.01  | 39.77<br>3.52<br>-0.01  | 42.52<br>3.90<br>-0.01  | 46.61<br>4.47<br>-2.62  | 53.29<br>4.84<br>-6.37  | 62.98<br>4.55<br>-17.85 | 63.41<br>4.97<br>-13.26 | 90.66<br>6.17<br>-28.92 | 94.02<br>7.99<br>-14.68  | 99.86<br>9.75<br>-5.33    | 97.11<br>9.78<br>-0.01  | 93.98<br>8.54<br>-0.01  | 65.12<br>5.10<br>0.00   | 53.31<br>4.18<br>0.00   | 47.41<br>3.63<br>0.00  |
| MUNSVILLE_WIND_PWR<br>323609               | 40.87<br>2.24<br>0.00  | 32.40<br>1.53<br>-1.46  | 30.11<br>1.32<br>-1.25  | 30.09<br>1.18<br>-0.85  | 31.19<br>1.14<br>0.00  | 34.07<br>1.59<br>-0.01  | 42.25<br>1.72<br>-1.42  | 42.46<br>1.83<br>-1.62   | 38.44<br>1.60<br>-1.23  | 35.40<br>1.30<br>-0.77  | 38.50<br>1.30<br>-0.95  | 40.90<br>1.43<br>-0.86  | 42.03<br>1.42<br>-1.09  | 45.24<br>1.35<br>-1.81  | 43.04<br>1.34<br>-1.12  | 48.16<br>1.67<br>-1.30  | 60.77<br>3.72<br>-1.48  | 77.57<br>5.28<br>-0.94   | 97.89<br>9.08<br>-4.04    | 98.42<br>10.12<br>-0.98 | 96.74<br>9.40<br>-1.91  | 65.42<br>5.34<br>-0.06  | 53.04<br>3.54<br>-0.37  | 46.62<br>2.84<br>0.00  |
| N SALMON___HYD<br>24042                    | 38.21<br>-0.42<br>0.00 | 29.09<br>-0.32<br>0.00  | 27.15<br>-0.39<br>0.00  | 27.67<br>-0.39<br>0.00  | 29.78<br>-0.27<br>0.00 | 32.24<br>-0.23<br>0.00  | 38.76<br>-0.35<br>0.00  | 38.41<br>-0.58<br>0.00   | 35.08<br>-0.53<br>0.00  | 32.73<br>-0.60<br>0.00  | 35.56<br>-0.69<br>0.00  | 37.92<br>-0.69<br>0.00  | 38.69<br>-0.83<br>0.00  | 41.16<br>-0.93<br>0.00  | 39.61<br>-0.97<br>0.00  | 44.15<br>-1.04<br>0.00  | 54.12<br>-1.45<br>0.00  | 69.36<br>-2.00<br>0.00   | 82.40<br>-2.37<br>0.00    | 85.05<br>-2.27<br>0.00  | 83.47<br>-1.96<br>0.00  | 58.70<br>-1.32<br>0.00  | 48.20<br>-0.94<br>0.00  | 42.90<br>-0.88<br>0.00 |
| N.AKRON__115KV_KNAPP<br>355671             | 35.70<br>-2.94<br>0.00 | 27.16<br>-2.85<br>-0.61 | 25.49<br>-2.56<br>-0.52 | 25.52<br>-2.89<br>-0.35 | 26.80<br>-3.25<br>0.00 | 28.71<br>-3.47<br>0.28  | 28.89<br>-3.40<br>6.82  | 28.00<br>-3.08<br>7.91   | 27.25<br>-2.67<br>5.69  | 27.31<br>-2.43<br>3.58  | 29.16<br>-2.68<br>4.40  | 31.86<br>-2.78<br>3.98  | 31.51<br>-2.96<br>5.05  | 31.20<br>-3.20<br>7.68  | 32.26<br>-3.17<br>5.16  | 34.98<br>-3.30<br>6.91  | 42.58<br>-3.39<br>9.59  | 55.90<br>-4.42<br>11.03  | 71.47<br>-3.48<br>9.83    | 84.53<br>-2.79<br>0.00  | 81.14<br>-4.27<br>0.02  | 50.40<br>-4.26<br>5.36  | 41.37<br>-3.14<br>4.62  | 41.14<br>-2.63<br>0.01 |
| N.BELMOR_69_KV_BK1<br>55787                | 42.28<br>3.63<br>-0.01 | 35.88<br>2.68<br>-3.79  | 33.19<br>2.42<br>-3.24  | 32.62<br>2.36<br>-2.20  | 32.63<br>2.58<br>0.00  | 35.06<br>2.60<br>0.00   | 42.39<br>3.29<br>0.00   | 42.63<br>3.63<br>0.00    | 38.96<br>3.35<br>0.00   | 36.70<br>3.37<br>-0.01  | 39.84<br>3.59<br>-0.01  | 42.83<br>4.21<br>-0.01  | 46.56<br>4.54<br>-2.50  | 52.35<br>4.63<br>-5.64  | 52.72<br>4.30<br>-7.84  | 63.03<br>4.61<br>-13.24 | 93.47<br>5.89<br>-32.01 | 101.65<br>7.71<br>-22.59 | 106.47<br>10.17<br>-11.52 | 97.48<br>10.13<br>-0.04 | 94.43<br>8.97<br>-0.03  | 84.79<br>5.70<br>-19.06 | 53.56<br>4.42<br>0.00   | 47.95<br>4.16<br>-0.01 |
| N.E_GEN_SANDY PD<br>24062                  | 40.33<br>1.70<br>0.00  | 35.02<br>1.47<br>-4.14  | 32.47<br>1.40<br>-3.53  | 31.89<br>1.43<br>-2.40  | 32.26<br>1.47<br>-0.74 | 34.11<br>1.53<br>-0.12  | 40.87<br>1.76<br>0.00   | 40.67<br>1.68<br>0.00    | 37.14<br>1.53<br>0.00   | 34.62<br>1.30<br>0.00   | 37.70<br>1.45<br>0.00   | 40.08<br>1.47<br>0.00   | 41.22<br>1.70<br>0.00   | 43.47<br>1.98<br>0.60   | 43.09<br>1.91<br>-0.60  | 47.17<br>1.99<br>0.00   | 57.73<br>2.16<br>0.00   | 76.78<br>3.07<br>-2.36   | 86.40<br>3.99<br>2.36     | 91.34<br>4.02<br>0.00   | 85.12<br>3.85<br>4.16   | 66.70<br>2.52<br>-4.16  | 52.30<br>2.11<br>-1.06  | 44.25<br>1.53<br>1.06  |
| N.HEMPST_138_KV_BK345_REV_LBMP_G<br>345014 | 41.41<br>2.78<br>0.00  | 35.19<br>2.06<br>-3.73  | 32.64<br>1.93<br>-3.18  | 32.07<br>1.85<br>-2.16  | 31.94<br>1.89<br>0.00  | 34.41<br>1.95<br>0.00   | 41.49<br>2.39<br>0.00   | 41.65<br>2.65<br>0.00    | 38.21<br>2.60<br>0.00   | 36.12<br>2.80<br>0.00   | 39.29<br>3.04<br>0.00   | 42.01<br>3.40<br>0.00   | 48.14<br>3.99<br>-4.63  | 56.84<br>4.29<br>-10.46 | 59.19<br>4.06<br>-14.55 | 60.51<br>4.38<br>-10.94 | 73.94<br>5.50<br>-12.87 | 92.11<br>7.21<br>-13.55  | 92.82<br>8.82<br>0.78     | 96.05<br>8.73<br>0.00   | 93.12<br>7.69<br>0.00   | 64.46<br>4.44<br>0.00   | 52.72<br>3.59<br>0.00   | 46.93<br>3.15<br>0.00  |
| N.QUEENS_27_KV_LOAD<br>356247              | 41.96<br>3.32<br>-0.01 | 35.71<br>2.50<br>-3.80  | 33.20<br>2.42<br>-3.25  | 32.60<br>2.33<br>-2.21  | 32.46<br>2.40<br>-0.01 | 34.94<br>2.47<br>-0.01  | 41.77<br>2.66<br>0.00   | 41.88<br>2.89<br>0.00    | 38.53<br>2.92<br>0.00   | 36.67<br>3.33<br>-0.01  | 39.70<br>3.44<br>-0.01  | 42.53<br>3.90<br>-0.01  | 46.83<br>4.70<br>-2.60  | 53.38<br>5.01<br>-6.28  | 53.52<br>4.59<br>-8.34  | 63.46<br>5.06<br>-13.21 | 76.99<br>6.22<br>-15.21 | 91.60<br>8.06<br>-12.19  | 97.99<br>9.83<br>-3.38    | 96.75<br>9.43<br>0.00   | 93.38<br>7.94<br>0.00   | 64.75<br>4.74<br>0.01   | 53.31<br>4.18<br>0.00   | 47.63<br>3.85<br>0.00  |
| N.TROY___115KV_TB1<br>355778               | 40.06<br>1.43<br>0.00  | 35.12<br>1.32<br>-4.39  | 32.47<br>1.18<br>-3.75  | 31.84<br>1.23<br>-2.54  | 31.34<br>1.29<br>0.00  | 33.80<br>1.33<br>0.00   | 40.63<br>1.53<br>0.00   | 40.44<br>1.44<br>0.00    | 36.78<br>1.18<br>0.00   | 34.19<br>0.87<br>0.00   | 37.23<br>0.98<br>0.00   | 39.54<br>0.93<br>0.00   | 40.59<br>1.07<br>0.00   | 43.39<br>1.30<br>0.00   | 41.88<br>1.30<br>0.00   | 46.54<br>1.36<br>0.00   | 57.01<br>1.44<br>0.00   | 73.56<br>2.21<br>0.00    | 87.91<br>3.14<br>0.00     | 90.64<br>3.32<br>0.00   | 88.85<br>3.42<br>0.00   | 62.36<br>2.34<br>0.00   | 50.95<br>1.82<br>0.00   | 45.18<br>1.40<br>0.00  |
| NARROWS_GT1_1<br>24228                     | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01  | 42.01<br>2.89<br>-0.01  | 42.28<br>3.24<br>-0.05   | 38.93<br>3.31<br>-0.01  | 36.95<br>3.60<br>-0.02  | 40.11<br>3.84<br>-0.02  | 42.88<br>4.25<br>-0.02  | 46.95<br>4.82<br>-2.61  | 53.36<br>4.96<br>-6.31  | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29  | 100.92<br>10.34<br>-5.80  | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01  | 65.43<br>5.40<br>0.00   | 53.77<br>4.62<br>-0.01  | 47.85<br>4.07<br>-0.01 |
| NARROWS_GT1_2<br>24229                     | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01  | 42.01<br>2.89<br>-0.01  | 42.28<br>3.24<br>-0.05   | 38.93<br>3.31<br>-0.01  | 36.95<br>3.60<br>-0.02  | 40.11<br>3.84<br>-0.02  | 42.88<br>4.25<br>-0.02  | 46.95<br>4.82<br>-2.61  | 53.36<br>4.96<br>-6.31  | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29  | 100.92<br>10.34<br>-5.80  | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01  | 65.43<br>5.40<br>0.00   | 53.77<br>4.62<br>-0.01  | 47.85<br>4.07<br>-0.01 |

|   |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                          |                         |                        |                       |                        |                        |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|-----------------------|------------------------|------------------------|
| NARROWS_GT1_3<br>24230                      | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NARROWS_GT1_4<br>24231                      | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NARROWS_GT1_5<br>24232                      | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NARROWS_GT1_6<br>24233                      | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NARROWS_GT1_7<br>24234                      | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NARROWS_GT1_8<br>24235                      | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NARROWS_GT2_1<br>24236                      | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NARROWS_GT2_2<br>24237                      | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NARROWS_GT2_3<br>24238                      | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NARROWS_GT2_4<br>24239                      | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NARROWS_GT2_5<br>24240                      | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NARROWS_GT2_6<br>24241                      | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NARROWS_GT2_7<br>24242                      | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NARROWS_GT2_8<br>24243                      | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21 | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31 | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00 | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G<br>345022 | 40.37<br>1.74<br>0.00  | 34.92<br>1.29<br>-4.21 | 32.34<br>1.21<br>-3.60 | 31.71<br>1.21<br>-2.44 | 31.52<br>1.47<br>0.00  | 33.96<br>1.49<br>0.00  | 40.71<br>1.60<br>0.00  | 40.48<br>1.48<br>0.00  | 36.68<br>1.07<br>0.00  | 34.13<br>0.80<br>0.00  | 37.08<br>0.83<br>0.00  | 39.35<br>0.73<br>0.00  | 40.51<br>0.99<br>0.00  | 43.31<br>1.22<br>0.00  | 41.84<br>1.26<br>0.00   | 46.72<br>1.54<br>0.00   | 57.57<br>2.00<br>0.00   | 74.78<br>3.42<br>0.00   | 89.95<br>5.17<br>0.00    | 92.82<br>5.50<br>0.00   | 90.64<br>5.21<br>0.00  | 63.20<br>3.18<br>0.00 | 51.44<br>2.31<br>0.00  | 45.70<br>1.93<br>0.00  |



|                                     |                        |                         |                         |                         |                        |                         |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                           |                        |                         |                          |                         |                        |
|-------------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|------------------------|-------------------------|--------------------------|-------------------------|------------------------|
| NCHELSEA_115KV_TR2<br>355582        | 41.41<br>2.78<br>0.00  | 35.33<br>2.12<br>-3.80  | 32.77<br>1.98<br>-3.25  | 32.17<br>1.91<br>-2.21  | 31.97<br>1.92<br>0.00  | 34.45<br>1.98<br>0.00   | 41.53<br>2.42<br>0.00    | 41.65<br>2.65<br>0.00    | 38.28<br>2.67<br>0.00    | 36.13<br>2.80<br>0.00    | 39.26<br>3.01<br>0.00    | 41.93<br>3.32<br>0.00    | 43.43<br>3.91<br>0.00    | 46.38<br>4.29<br>0.00    | 44.72<br>4.14<br>0.00    | 49.95<br>4.65<br>-0.11   | 61.85<br>5.89<br>-0.39   | 79.58<br>7.99<br>-0.23   | 94.88<br>9.92<br>-0.18    | 97.27<br>9.95<br>0.00  | 94.23<br>8.80<br>0.00   | 65.18<br>5.16<br>0.00    | 53.16<br>4.03<br>0.00   | 47.23<br>3.46<br>0.00  |
| NEG CAPITAL___MECHNVIL<br>23645     | 40.53<br>1.89<br>0.00  | 35.49<br>1.65<br>-4.43  | 32.75<br>1.43<br>-3.78  | 32.14<br>1.51<br>-2.57  | 31.64<br>1.59<br>0.00  | 34.12<br>1.65<br>0.00   | 41.06<br>1.95<br>0.00    | 40.83<br>1.83<br>0.00    | 37.03<br>1.43<br>0.00    | 34.42<br>1.10<br>0.00    | 37.48<br>1.23<br>0.00    | 39.81<br>1.20<br>0.00    | 40.82<br>1.30<br>0.00    | 43.64<br>1.56<br>0.00    | 42.13<br>1.54<br>0.00    | 46.90<br>1.72<br>0.00    | 57.79<br>2.22<br>0.00    | 74.57<br>3.21<br>0.00    | 89.44<br>4.66<br>0.00     | 92.29<br>4.97<br>0.00  | 90.38<br>4.95<br>0.00   | 63.38<br>3.36<br>0.00    | 51.69<br>2.55<br>0.00   | 45.96<br>2.19<br>0.00  |
| NEG CENTRAL_HIGH_ACRES<br>23767     | 36.86<br>-1.78<br>0.00 | 28.40<br>-1.50<br>-0.49 | 26.52<br>-1.43<br>-0.42 | 26.75<br>-1.60<br>-0.28 | 28.25<br>-1.80<br>0.00 | 30.47<br>-2.01<br>-0.02 | 37.12<br>-1.99<br>0.00   | 37.08<br>-1.83<br>0.09   | 33.83<br>-1.78<br>0.00   | 31.66<br>-1.67<br>0.00   | 34.44<br>-1.81<br>0.00   | 36.80<br>-1.81<br>0.00   | 37.62<br>-1.90<br>0.00   | 40.11<br>-1.98<br>0.00   | 38.68<br>-1.91<br>0.00   | 42.94<br>-1.81<br>0.44   | 52.35<br>-1.72<br>1.49   | 65.91<br>-2.07<br>3.37   | 83.25<br>-1.52<br>0.00    | 86.28<br>-1.04<br>0.00 | 83.89<br>-1.54<br>0.00  | 55.54<br>-1.98<br>2.50   | 45.76<br>-2.02<br>1.36  | 42.37<br>-1.40<br>0.00 |
| NEG CENTRAL___DRP<br>24199          | 38.32<br>-0.31<br>0.00 | 29.60<br>-0.35<br>-0.54 | 27.61<br>-0.39<br>-0.46 | 27.92<br>-0.45<br>-0.31 | 29.54<br>-0.51<br>0.00 | 32.03<br>-0.45<br>-0.02 | 41.64<br>-0.39<br>-2.92  | 41.94<br>-0.27<br>-3.22  | 37.85<br>-0.18<br>-2.42  | 34.68<br>-0.17<br>-1.52  | 37.87<br>-0.25<br>-1.87  | 40.07<br>-0.23<br>-1.69  | 41.39<br>-0.28<br>-2.15  | 45.30<br>-0.29<br>-3.51  | 42.45<br>-0.32<br>-2.19  | 47.64<br>-0.14<br>-2.59  | 58.82<br>0.39<br>-2.87   | 74.03<br>0.71<br>-1.96   | 93.88<br>2.12<br>-6.98    | 91.41<br>2.44<br>-1.64 | 90.68<br>2.05<br>-3.20  | 60.94<br>0.66<br>-0.25   | 50.20<br>0.25<br>-0.82  | 43.91<br>0.13<br>0.00  |
| NEG CENTRAL___INDECK<br>23768       | 38.17<br>-0.46<br>0.00 | 29.39<br>-0.73<br>-0.71 | 27.40<br>-0.74<br>-0.61 | 27.52<br>-0.95<br>-0.41 | 28.97<br>-1.08<br>0.00 | 31.61<br>-1.04<br>-0.18 | 69.57<br>-0.82<br>-31.28 | 72.20<br>-0.82<br>-34.02 | 59.80<br>-0.82<br>-25.01 | 48.06<br>-1.00<br>-15.73 | 54.36<br>-1.23<br>-19.34 | 54.80<br>-1.27<br>-17.46 | 60.31<br>-1.38<br>-22.17 | 74.48<br>-1.43<br>-33.83 | 60.41<br>-2.84<br>-22.67 | 70.35<br>-2.89<br>-28.06 | 87.05<br>-3.00<br>-34.49 | 98.97<br>-3.14<br>-30.76 | 139.08<br>-1.19<br>-55.49 | 87.88<br>0.17<br>-0.39 | 85.77<br>-0.51<br>-0.85 | 69.01<br>-1.32<br>-10.31 | 61.91<br>0.10<br>-12.67 | 43.85<br>0.04<br>-0.03 |
| NEG CENTRAL___SENECA<br>23627       | 38.25<br>-0.39<br>0.00 | 29.51<br>-0.50<br>-0.60 | 27.52<br>-0.52<br>-0.51 | 27.79<br>-0.62<br>-0.35 | 29.39<br>-0.66<br>0.00 | 31.91<br>-0.58<br>-0.03 | 43.21<br>-0.55<br>-4.65  | 43.78<br>-0.35<br>-5.13  | 39.28<br>-0.18<br>-3.85  | 35.55<br>-0.20<br>-2.42  | 38.90<br>-0.33<br>-2.98  | 41.03<br>-0.27<br>-2.69  | 42.62<br>-0.32<br>-3.41  | 47.12<br>-0.29<br>-5.33  | 43.71<br>-0.37<br>-3.49  | 49.18<br>-0.09<br>-4.08  | 60.58<br>0.56<br>-4.46   | 75.23<br>1.00<br>-2.88   | 96.74<br>2.71<br>-9.25    | 91.37<br>3.14<br>-0.91 | 89.77<br>2.56<br>-1.78  | 61.09<br>0.84<br>-0.22   | 50.74<br>0.39<br>-1.21  | 43.95<br>0.18<br>-0.01 |
| NEG CENTRAL___STATE_STREET<br>24147 | 38.52<br>-0.12<br>0.00 | 29.82<br>-0.12<br>-0.53 | 27.82<br>-0.17<br>-0.45 | 28.14<br>-0.22<br>-0.31 | 29.81<br>-0.24<br>0.00 | 32.24<br>-0.23<br>0.00  | 38.95<br>-0.16<br>0.00   | 39.37<br>-0.08<br>-0.45  | 36.50<br>-0.07<br>-0.96  | 33.86<br>-0.07<br>-0.61  | 36.88<br>-0.11<br>-0.74  | 39.17<br>-0.12<br>-0.67  | 40.18<br>-0.20<br>-0.85  | 43.49<br>-0.21<br>-1.62  | 41.29<br>-0.16<br>-0.87  | 46.32<br>0.05<br>-1.09   | 57.43<br>0.50<br>-1.36   | 73.49<br>0.86<br>-1.29   | 91.23<br>2.03<br>-4.42    | 91.84<br>2.36<br>-2.16 | 91.77<br>2.14<br>-4.20  | 61.28<br>0.78<br>-0.48   | 50.06<br>0.39<br>-0.53  | 44.08<br>0.31<br>0.00  |
| NEG MILLWOOD___DRP<br>24198         | 41.69<br>3.05<br>0.00  | 35.50<br>2.26<br>-3.82  | 32.95<br>2.15<br>-3.27  | 32.33<br>2.05<br>-2.22  | 32.12<br>2.07<br>0.00  | 34.61<br>2.14<br>0.00   | 41.73<br>2.62<br>0.00    | 41.85<br>2.85<br>0.00    | 38.46<br>2.85<br>0.00    | 36.39<br>3.07<br>0.00    | 39.55<br>3.30<br>0.00    | 42.32<br>3.71<br>0.00    | 44.81<br>4.27<br>-1.02   | 49.06<br>4.67<br>-2.31   | 48.25<br>4.46<br>-3.20   | 52.84<br>5.02<br>-2.63   | 65.61<br>6.45<br>-3.60   | 83.14<br>8.35<br>-3.44   | 95.14<br>10.17<br>-0.18   | 97.54<br>10.22<br>0.00 | 94.48<br>9.06<br>0.00   | 65.36<br>5.34<br>0.00    | 53.26<br>4.13<br>0.00   | 47.32<br>3.55<br>0.00  |
| NEG NORTH_FLCN_SEA<br>23793         | 38.59<br>-0.04<br>0.00 | 29.38<br>-0.03<br>0.00  | 27.42<br>-0.11<br>0.00  | 27.95<br>-0.11<br>0.00  | 30.02<br>-0.03<br>0.00 | 32.47<br>0.00<br>0.00   | 39.11<br>0.00<br>0.00    | 38.92<br>-0.08<br>0.00   | 35.61<br>0.00<br>0.00    | 33.26<br>-0.07<br>0.00   | 36.21<br>-0.04<br>0.00   | 38.57<br>-0.04<br>0.00   | 39.40<br>-0.12<br>0.00   | 41.92<br>-0.17<br>0.00   | 40.38<br>-0.20<br>0.00   | 44.96<br>-0.23<br>0.00   | 54.62<br>-0.94<br>0.00   | 69.50<br>-1.86<br>0.00   | 82.15<br>-2.63<br>0.00    | 84.53<br>-2.79<br>0.00 | 82.78<br>-2.65<br>0.00  | 58.52<br>-1.50<br>0.00   | 48.54<br>-0.59<br>0.00  | 43.21<br>-0.57<br>0.00 |
| NEG NORTH_KES_CHATEGAY<br>23792     | 38.13<br>-0.50<br>0.00 | 29.00<br>-0.41<br>0.00  | 27.09<br>-0.44<br>0.00  | 27.61<br>-0.45<br>0.00  | 29.66<br>-0.39<br>0.00 | 32.08<br>-0.39<br>0.00  | 38.64<br>-0.47<br>0.00   | 38.41<br>-0.58<br>0.00   | 35.04<br>-0.57<br>0.00   | 32.76<br>-0.57<br>0.00   | 35.63<br>-0.62<br>0.00   | 37.92<br>-0.70<br>0.00   | 38.77<br>-0.75<br>0.00   | 41.24<br>-0.84<br>0.00   | 39.73<br>-0.85<br>0.00   | 44.24<br>-0.95<br>0.00   | 54.12<br>-1.44<br>0.00   | 69.28<br>-2.07<br>0.00   | 81.90<br>-2.88<br>0.00    | 84.35<br>-2.97<br>0.00 | 82.70<br>-2.73<br>0.00  | 58.34<br>-1.68<br>0.00   | 48.00<br>-1.13<br>0.00  | 42.72<br>-1.05<br>0.00 |
| NEG NORTH___ALICE_FALLS<br>23915    | 38.63<br>0.00<br>0.00  | 29.38<br>-0.03<br>0.00  | 27.42<br>-0.11<br>0.00  | 27.95<br>-0.11<br>0.00  | 30.02<br>-0.03<br>0.00 | 32.50<br>0.03<br>0.00   | 39.15<br>0.04<br>0.00    | 38.96<br>-0.04<br>0.00   | 35.54<br>-0.07<br>0.00   | 33.23<br>-0.10<br>0.00   | 36.14<br>-0.11<br>0.00   | 38.54<br>-0.08<br>0.00   | 39.36<br>-0.16<br>0.00   | 41.87<br>-0.21<br>0.00   | 40.30<br>-0.28<br>0.00   | 44.91<br>-0.27<br>0.00   | 54.84<br>-0.72<br>0.00   | 70.00<br>-1.36<br>0.00   | 82.83<br>-1.95<br>0.00    | 85.31<br>-2.01<br>0.00 | 83.55<br>-1.88<br>0.00  | 58.94<br>-1.08<br>0.00   | 48.69<br>-0.44<br>0.00  | 43.29<br>-0.48<br>0.00 |
| NEG NORTH___LWR_SARANAC<br>23913    | 38.63<br>0.00<br>0.00  | 29.38<br>-0.03<br>0.00  | 27.42<br>-0.11<br>0.00  | 27.95<br>-0.11<br>0.00  | 30.02<br>-0.03<br>0.00 | 32.50<br>0.03<br>0.00   | 39.15<br>0.04<br>0.00    | 38.96<br>-0.04<br>0.00   | 35.54<br>-0.07<br>0.00   | 33.23<br>-0.10<br>0.00   | 36.14<br>-0.11<br>0.00   | 38.54<br>-0.08<br>0.00   | 39.36<br>-0.16<br>0.00   | 41.87<br>-0.21<br>0.00   | 40.30<br>-0.28<br>0.00   | 44.91<br>-0.27<br>0.00   | 54.84<br>-0.72<br>0.00   | 70.00<br>-1.36<br>0.00   | 82.83<br>-1.95<br>0.00    | 85.31<br>-2.01<br>0.00 | 83.55<br>-1.88<br>0.00  | 58.94<br>-1.08<br>0.00   | 48.69<br>-0.44<br>0.00  | 43.29<br>-0.48<br>0.00 |
| NEG NORTH___PLATTSBURG<br>23628     | 38.63<br>0.00<br>0.00  | 29.38<br>-0.03<br>0.00  | 27.42<br>-0.11<br>0.00  | 27.95<br>-0.11<br>0.00  | 30.02<br>-0.03<br>0.00 | 32.50<br>0.03<br>0.00   | 39.15<br>0.04<br>0.00    | 38.96<br>-0.04<br>0.00   | 35.54<br>-0.07<br>0.00   | 33.23<br>-0.10<br>0.00   | 36.14<br>-0.11<br>0.00   | 38.54<br>-0.08<br>0.00   | 39.36<br>-0.16<br>0.00   | 41.88<br>-0.21<br>0.00   | 40.30<br>-0.28<br>0.00   | 44.92<br>-0.27<br>0.00   | 54.84<br>-0.72<br>0.00   | 69.99<br>-1.36<br>0.00   | 82.83<br>-1.95<br>0.00    | 85.31<br>-2.00<br>0.00 | 83.55<br>-1.88<br>0.00  | 58.94<br>-1.08<br>0.00   | 48.69<br>-0.44<br>0.00  | 43.29<br>-0.48<br>0.00 |
| NEG WEST_LEA_LOCKPORT<br>23791      | 34.92<br>-3.71<br>0.00 | 26.54<br>-3.50<br>-0.63 | 24.93<br>-3.14<br>-0.53 | 24.94<br>-3.48<br>-0.36 | 26.17<br>-3.88<br>0.00 | 28.11<br>-4.19<br>0.17  | 26.41<br>-4.38<br>8.32   | 25.38<br>-4.02<br>9.61   | 25.32<br>-3.42<br>6.88   | 25.97<br>-3.03<br>4.33   | 27.60<br>-3.33<br>5.32   | 30.34<br>-3.48<br>4.80   | 29.79<br>-3.64<br>6.10   | 28.85<br>-3.96<br>9.28   | 30.41<br>-3.94<br>6.23   | 32.69<br>-4.25<br>8.25   | 40.11<br>-4.67<br>10.79  | 52.83<br>-6.35<br>12.18  | 68.49<br>-5.93<br>10.35   | 81.73<br>-5.59<br>0.00 | 78.31<br>-7.09<br>0.03  | 48.22<br>-6.00<br>5.80   | 39.47<br>-4.42<br>5.24  | 40.09<br>-3.68<br>0.01 |
| NEG WEST___LANCASTR<br>23811        | 35.08<br>-3.55<br>0.00 | 26.40<br>-3.74<br>-0.72 | 24.68<br>-3.47<br>-0.62 | 24.75<br>-3.73<br>-0.42 | 26.32<br>-3.73<br>0.00 | 29.02<br>-3.31<br>0.13  | 25.88<br>-4.81<br>8.42   | 24.94<br>-3.78<br>10.27  | 26.53<br>-1.18<br>7.90   | 27.42<br>-0.93<br>4.98   | 29.08<br>-1.05<br>6.12   | 32.09<br>-1.00<br>5.52   | 31.44<br>-1.07<br>7.01   | 30.15<br>-1.26<br>10.67  | 32.12<br>-1.30<br>7.17   | 34.60<br>-1.22<br>9.37   | 44.58<br>-0.78<br>10.20  | 57.37<br>-2.21<br>11.77  | 69.15<br>-1.27<br>14.36   | 83.74<br>-3.58<br>0.00 | 80.62<br>-4.78<br>0.03  | 51.88<br>-2.40<br>5.74   | 43.07<br>-1.33<br>4.74  | 40.35<br>-3.41<br>0.01 |

|                                    |                        |                         |                         |                         |                        |                        |                        |                         |                        |                        |                        |                        |                        |                         |                        |                        |                         |                         |                         |                         |                         |                         |                         |                        |
|------------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| NEG_PENN_ALLEGHNY<br>23528         | 38.67<br>0.04<br>0.00  | 30.60<br>-0.15<br>-1.34 | 28.51<br>-0.16<br>-1.14 | 28.61<br>-0.23<br>-0.77 | 29.81<br>-0.24<br>0.00 | 32.29<br>-0.16<br>0.01 | 38.84<br>-0.27<br>0.00 | 39.33<br>0.00<br>-0.33  | 35.97<br>0.36<br>0.00  | 33.69<br>0.37<br>0.00  | 36.65<br>0.40<br>0.00  | 39.11<br>0.50<br>0.00  | 40.12<br>0.59<br>0.00  | 42.90<br>0.67<br>-0.15  | 41.20<br>0.61<br>0.00  | 45.92<br>0.86<br>0.12  | 56.71<br>1.44<br>0.30   | 72.31<br>1.78<br>0.83   | 89.37<br>3.05<br>-1.55  | 91.36<br>3.05<br>-0.99  | 89.91<br>2.56<br>-1.92  | 60.63<br>1.26<br>0.66   | 49.65<br>0.89<br>0.37   | 44.30<br>0.53<br>0.00  |
| NEG__GEN_MONROE<br>24207           | 36.97<br>-1.66<br>0.00 | 28.39<br>-1.53<br>-0.51 | 26.59<br>-1.38<br>-0.44 | 26.76<br>-1.60<br>-0.30 | 28.21<br>-1.83<br>0.00 | 30.28<br>-1.98<br>0.21 | 37.23<br>-1.88<br>0.00 | 36.48<br>-1.87<br>0.65  | 32.75<br>-1.82<br>1.04 | 30.97<br>-1.70<br>0.65 | 33.52<br>-1.92<br>0.81 | 35.88<br>-2.01<br>0.73 | 36.46<br>-2.13<br>0.92 | 38.41<br>-2.27<br>1.41  | 37.37<br>-2.27<br>0.94 | 41.31<br>-2.21<br>1.66 | 50.20<br>-2.22<br>3.14  | 63.43<br>-2.78<br>5.14  | 80.74<br>-1.78<br>2.25  | 86.36<br>-0.96<br>0.00  | 83.55<br>-1.88<br>0.00  | 54.27<br>-2.46<br>3.29  | 45.10<br>-1.97<br>2.07  | 42.50<br>-1.27<br>0.00 |
| NEPA__ENERGY<br>23901              | 35.93<br>-2.70<br>0.00 | 27.32<br>-2.82<br>-0.73 | 25.54<br>-2.62<br>-0.62 | 25.62<br>-2.86<br>-0.42 | 26.98<br>-3.06<br>0.00 | 29.28<br>-3.05<br>0.13 | 26.15<br>-3.72<br>9.24 | 24.88<br>-3.12<br>11.00 | 25.66<br>-1.78<br>8.17 | 26.65<br>-1.53<br>5.14 | 28.22<br>-1.70<br>6.32 | 31.20<br>-1.70<br>5.71 | 30.54<br>-1.74<br>7.25 | 29.04<br>-2.02<br>11.03 | 31.15<br>-2.03<br>7.41 | 33.57<br>-1.94<br>9.67 | 42.42<br>-1.61<br>11.53 | 56.03<br>-2.50<br>12.83 | 68.59<br>-1.53<br>14.66 | 85.49<br>-1.83<br>0.00  | 82.07<br>-3.33<br>0.03  | 51.19<br>-2.82<br>6.01  | 41.59<br>-2.21<br>5.33  | 41.27<br>-2.50<br>0.01 |
| NEVERSINK__HYD<br>23608            | 41.14<br>2.51<br>0.00  | 34.77<br>1.85<br>-3.51  | 32.29<br>1.76<br>-3.00  | 31.75<br>1.66<br>-2.03  | 31.70<br>1.65<br>0.00  | 34.19<br>1.72<br>0.00  | 41.10<br>1.99<br>0.00  | 41.35<br>2.30<br>-0.05  | 38.03<br>2.42<br>0.00  | 35.86<br>2.53<br>0.00  | 38.97<br>2.72<br>0.00  | 41.59<br>2.97<br>0.00  | 43.08<br>3.56<br>0.00  | 45.95<br>3.87<br>0.00   | 44.32<br>3.73<br>0.00  | 49.39<br>4.20<br>0.00  | 61.17<br>5.61<br>0.00   | 79.13<br>7.78<br>0.00   | 94.69<br>9.91<br>0.00   | 97.44<br>10.12<br>0.00  | 94.23<br>8.80<br>0.00   | 65.06<br>5.04<br>0.00   | 53.01<br>3.88<br>0.00   | 47.06<br>3.28<br>0.00  |
| NEWKRMKL_115KV_TB1<br>55635        | 39.56<br>0.93<br>0.00  | 34.67<br>0.91<br>-4.35  | 32.19<br>0.94<br>-3.72  | 31.54<br>0.95<br>-2.52  | 31.04<br>0.99<br>0.00  | 33.47<br>1.01<br>0.00  | 40.05<br>0.94<br>0.00  | 39.90<br>0.90<br>0.00   | 36.36<br>0.75<br>0.00  | 33.93<br>0.60<br>0.00  | 36.94<br>0.69<br>0.00  | 39.27<br>0.66<br>0.00  | 40.35<br>0.83<br>0.00  | 43.14<br>1.05<br>0.00   | 41.60<br>1.01<br>0.00  | 46.32<br>1.13<br>0.00  | 56.73<br>1.17<br>0.00   | 72.99<br>1.64<br>0.00   | 87.15<br>2.37<br>0.00   | 89.76<br>2.44<br>0.00   | 87.82<br>2.39<br>0.00   | 61.52<br>1.50<br>0.00   | 50.26<br>1.13<br>0.00   | 44.65<br>0.88<br>0.00  |
| NEWTON__FALLS_HYD<br>23847         | 37.86<br>-0.77<br>0.00 | 28.91<br>-0.62<br>-0.12 | 27.03<br>-0.61<br>-0.10 | 27.37<br>-0.76<br>-0.07 | 29.15<br>-0.90<br>0.00 | 31.62<br>-0.84<br>0.00 | 37.74<br>-1.37<br>0.00 | 37.20<br>-1.79<br>0.00  | 33.69<br>-1.92<br>0.00 | 31.26<br>-2.07<br>0.00 | 33.89<br>-2.36<br>0.00 | 36.10<br>-2.51<br>0.00 | 36.91<br>-2.61<br>0.00 | 39.41<br>-2.78<br>-0.10 | 37.99<br>-2.60<br>0.00 | 42.38<br>-2.80<br>0.00 | 52.51<br>-3.06<br>0.00  | 67.64<br>-3.71<br>0.00  | 83.81<br>-1.70<br>-0.73 | 87.12<br>-0.87<br>-0.67 | 86.13<br>-0.60<br>-1.30 | 59.24<br>-0.78<br>0.00  | 48.30<br>-0.84<br>0.00  | 43.12<br>-0.66<br>0.00 |
| NGRID_A1_DSASP<br>323792           | 34.79<br>-3.82<br>0.02 | 26.49<br>-3.53<br>-0.61 | 24.85<br>-3.19<br>-0.52 | 24.90<br>-3.51<br>-0.34 | 26.12<br>-3.91<br>0.02 | 28.06<br>-4.25<br>0.16 | 26.18<br>-4.58<br>8.35 | 25.01<br>-4.25<br>9.74  | 25.01<br>-3.60<br>7.00 | 25.72<br>-3.20<br>4.41 | 27.32<br>-3.52<br>5.42 | 30.05<br>-3.67<br>4.89 | 29.44<br>-3.87<br>6.21 | 28.43<br>-4.21<br>9.45  | 30.06<br>-4.18<br>6.35 | 32.24<br>-4.56<br>8.39 | 38.04<br>-5.11<br>12.42 | 50.98<br>-6.85<br>13.52 | 59.75<br>-6.70<br>18.33 | 80.66<br>-6.64<br>0.02  | 77.35<br>-8.03<br>0.05  | 47.30<br>-6.54<br>6.18  | 38.82<br>-4.86<br>5.45  | 39.85<br>-3.90<br>0.03 |
| NGRID_A2_DSASP<br>323793           | 34.79<br>-3.82<br>0.02 | 26.49<br>-3.53<br>-0.61 | 24.85<br>-3.19<br>-0.52 | 24.90<br>-3.51<br>-0.34 | 26.12<br>-3.91<br>0.02 | 28.06<br>-4.25<br>0.16 | 26.18<br>-4.58<br>8.35 | 25.01<br>-4.25<br>9.74  | 25.01<br>-3.60<br>7.00 | 25.72<br>-3.20<br>4.41 | 27.32<br>-3.52<br>5.42 | 30.05<br>-3.67<br>4.89 | 29.44<br>-3.87<br>6.21 | 28.43<br>-4.21<br>9.45  | 30.06<br>-4.18<br>6.35 | 32.24<br>-4.56<br>8.39 | 38.04<br>-5.11<br>12.42 | 50.98<br>-6.85<br>13.52 | 59.75<br>-6.70<br>18.33 | 80.66<br>-6.64<br>0.02  | 77.35<br>-8.03<br>0.05  | 47.30<br>-6.54<br>6.18  | 38.82<br>-4.86<br>5.45  | 39.85<br>-3.90<br>0.03 |
| NGRID_A4_DSASP<br>323807           | 34.79<br>-3.82<br>0.02 | 26.49<br>-3.53<br>-0.61 | 24.85<br>-3.19<br>-0.52 | 24.90<br>-3.51<br>-0.34 | 26.12<br>-3.91<br>0.02 | 28.06<br>-4.25<br>0.16 | 26.18<br>-4.58<br>8.35 | 25.01<br>-4.25<br>9.74  | 25.01<br>-3.60<br>7.00 | 25.72<br>-3.20<br>4.41 | 27.32<br>-3.52<br>5.42 | 30.05<br>-3.67<br>4.89 | 29.44<br>-3.87<br>6.21 | 28.43<br>-4.21<br>9.45  | 30.06<br>-4.18<br>6.35 | 32.24<br>-4.56<br>8.39 | 38.04<br>-5.11<br>12.42 | 50.98<br>-6.85<br>13.52 | 59.75<br>-6.70<br>18.33 | 80.66<br>-6.64<br>0.02  | 77.35<br>-8.03<br>0.05  | 47.30<br>-6.54<br>6.18  | 38.82<br>-4.86<br>5.45  | 39.85<br>-3.90<br>0.03 |
| NIAGARA_115E_LBMP<br>323715        | 34.38<br>-4.25<br>0.00 | 26.16<br>-3.88<br>-0.64 | 24.53<br>-3.55<br>-0.54 | 24.53<br>-3.90<br>-0.37 | 25.72<br>-4.33<br>0.00 | 27.60<br>-4.71<br>0.16 | 26.03<br>-4.65<br>8.42 | 25.22<br>-4.41<br>9.37  | 24.77<br>-3.85<br>7.00 | 25.42<br>-3.50<br>4.40 | 27.07<br>-3.77<br>5.41 | 29.75<br>-3.98<br>4.89 | 29.17<br>-4.15<br>6.20 | 28.14<br>-4.50<br>9.44  | 29.70<br>-4.54<br>6.34 | 31.88<br>-4.92<br>8.38 | 37.48<br>-5.67<br>12.42 | 50.03<br>-7.85<br>13.48 | 62.26<br>-8.06<br>14.46 | 79.72<br>-7.60<br>0.00  | 76.52<br>-8.89<br>0.03  | 46.98<br>-6.90<br>6.14  | 38.33<br>-5.35<br>5.45  | 39.39<br>-4.38<br>0.01 |
| NIAGARA_115W_LBMP<br>323714        | 34.83<br>-3.78<br>0.02 | 26.49<br>-3.53<br>-0.61 | 24.83<br>-3.22<br>-0.51 | 24.87<br>-3.54<br>-0.34 | 26.09<br>-3.94<br>0.02 | 27.99<br>-4.32<br>0.16 | 26.23<br>-4.54<br>8.34 | 25.33<br>-4.25<br>9.42  | 25.02<br>-3.60<br>7.00 | 25.66<br>-3.26<br>4.40 | 27.32<br>-3.52<br>5.41 | 29.98<br>-3.74<br>4.89 | 29.40<br>-3.91<br>6.20 | 28.39<br>-4.25<br>9.44  | 30.02<br>-4.22<br>6.34 | 32.19<br>-4.61<br>8.38 | 37.92<br>-5.23<br>12.42 | 50.91<br>-6.92<br>13.52 | 59.50<br>-6.95<br>18.33 | 80.40<br>-6.90<br>0.02  | 77.35<br>-8.03<br>0.05  | 47.66<br>-6.18<br>6.18  | 38.77<br>-4.91<br>5.45  | 39.81<br>-3.94<br>0.03 |
| NIAGARA_230_LBMP<br>323716         | 35.00<br>-3.63<br>0.00 | 26.63<br>-3.41<br>-0.63 | 24.96<br>-3.11<br>-0.53 | 25.00<br>-3.42<br>-0.36 | 26.23<br>-3.82<br>0.00 | 28.14<br>-4.19<br>0.14 | 26.21<br>-4.62<br>8.28 | 25.32<br>-4.33<br>9.35  | 25.00<br>-3.63<br>6.98 | 25.61<br>-3.33<br>4.38 | 27.27<br>-3.59<br>5.39 | 30.00<br>-3.74<br>4.87 | 29.42<br>-3.91<br>6.18 | 28.41<br>-4.25<br>9.42  | 30.00<br>-4.26<br>6.32 | 32.26<br>-4.56<br>8.36 | 38.06<br>-5.11<br>12.40 | 51.00<br>-6.85<br>13.50 | 59.69<br>-6.79<br>18.31 | 80.77<br>-6.55<br>0.00  | 77.63<br>-7.77<br>0.03  | 47.92<br>-5.94<br>6.16  | 38.84<br>-4.87<br>5.43  | 40.00<br>-3.76<br>0.01 |
| NIAGARA__115KV_198_GIBSON<br>55903 | 34.75<br>-3.86<br>0.02 | 26.43<br>-3.59<br>-0.61 | 24.83<br>-3.22<br>-0.51 | 24.87<br>-3.54<br>-0.34 | 26.09<br>-3.94<br>0.02 | 28.03<br>-4.29<br>0.16 | 26.19<br>-4.58<br>8.34 | 25.02<br>-4.25<br>9.73  | 24.98<br>-3.63<br>7.00 | 25.72<br>-3.20<br>4.40 | 27.32<br>-3.52<br>5.41 | 30.02<br>-3.71<br>4.89 | 29.37<br>-3.95<br>6.20 | 28.39<br>-4.25<br>9.44  | 30.02<br>-4.22<br>6.34 | 32.19<br>-4.61<br>8.38 | 37.93<br>-5.22<br>12.42 | 50.91<br>-6.92<br>13.52 | 59.58<br>-6.87<br>18.33 | 80.40<br>-6.90<br>0.02  | 77.18<br>-8.20<br>0.05  | 47.18<br>-6.66<br>6.18  | 38.77<br>-4.91<br>5.45  | 39.76<br>-3.98<br>0.03 |
| NIAGARA____<br>23760               | 34.99<br>-3.63<br>0.01 | 26.63<br>-3.41<br>-0.63 | 24.96<br>-3.11<br>-0.53 | 25.00<br>-3.42<br>-0.36 | 26.23<br>-3.82<br>0.01 | 28.13<br>-4.19<br>0.15 | 26.21<br>-4.62<br>8.28 | 25.31<br>-4.33<br>9.35  | 25.00<br>-3.63<br>6.98 | 25.61<br>-3.33<br>4.39 | 27.26<br>-3.59<br>5.40 | 30.00<br>-3.74<br>4.87 | 29.42<br>-3.91<br>6.19 | 28.41<br>-4.25<br>9.43  | 29.99<br>-4.26<br>6.33 | 32.25<br>-4.56<br>8.37 | 38.05<br>-5.11<br>12.40 | 51.01<br>-6.85<br>13.49 | 60.80<br>-6.79<br>17.20 | 80.77<br>-6.55<br>0.00  | 77.63<br>-7.77<br>0.03  | 47.92<br>-5.94<br>6.16  | 38.83<br>-4.87<br>5.44  | 39.99<br>-3.76<br>0.02 |
| NINE_MILE_1<br>23575               | 37.59<br>-1.04<br>0.00 | 28.91<br>-0.76<br>-0.26 | 27.04<br>-0.72<br>-0.22 | 27.43<br>-0.79<br>-0.15 | 29.18<br>-0.87<br>0.00 | 31.52<br>-0.94<br>0.00 | 38.05<br>-1.05<br>0.00 | 37.95<br>-1.05<br>0.00  | 34.65<br>-0.96<br>0.00 | 32.43<br>-0.90<br>0.00 | 35.23<br>-1.01<br>0.00 | 37.53<br>-1.08<br>0.00 | 38.26<br>-1.27<br>0.00 | 38.57<br>-1.43<br>2.08  | 39.25<br>-1.34<br>0.00 | 40.19<br>-1.40<br>3.59 | 41.92<br>-1.56<br>12.09 | 42.05<br>-2.00<br>27.31 | 67.51<br>-1.87<br>15.40 | 71.33<br>-1.84<br>14.15 | 56.05<br>-1.88<br>27.50 | 38.06<br>-1.68<br>20.28 | 36.62<br>-1.47<br>11.04 | 42.55<br>-1.23<br>0.00 |

|                               |                        |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                        |                        |                         |                         |                         |                         |                         |                         |                         |                        |
|-------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| NINE_MILE_2<br>23744          | 37.59<br>-1.04<br>0.00 | 28.91<br>-0.76<br>-0.26 | 27.04<br>-0.72<br>-0.22 | 27.43<br>-0.79<br>-0.15 | 29.18<br>-0.87<br>0.00 | 31.52<br>-0.94<br>0.00 | 38.05<br>-1.05<br>0.00 | 37.95<br>-1.05<br>0.00 | 34.65<br>-0.96<br>0.00 | 32.43<br>-0.90<br>0.00 | 35.23<br>-1.01<br>0.00 | 37.53<br>-1.08<br>0.00 | 38.26<br>-1.27<br>0.00 | 38.54<br>-1.43<br>2.11  | 39.25<br>-1.34<br>0.00 | 40.15<br>-1.40<br>3.64 | 41.76<br>-1.56<br>12.25 | 41.69<br>-2.00<br>27.66 | 67.28<br>-1.87<br>15.63 | 71.11<br>-1.84<br>14.37 | 55.63<br>-1.88<br>27.92 | 37.80<br>-1.68<br>20.54 | 36.48<br>-1.47<br>11.18 | 42.55<br>-1.23<br>0.00 |
| NM_CAPITAL___DRP<br>24208     | 39.64<br>1.00<br>0.00  | 34.73<br>0.97<br>-4.34  | 32.24<br>0.99<br>-3.71  | 31.59<br>1.01<br>-2.52  | 31.10<br>1.05<br>0.00  | 33.54<br>1.07<br>0.00  | 40.16<br>1.06<br>0.00  | 39.97<br>0.97<br>0.00  | 36.46<br>0.85<br>0.00  | 33.99<br>0.67<br>0.00  | 37.01<br>0.76<br>0.00  | 39.35<br>0.73<br>0.00  | 40.43<br>0.91<br>0.00  | 43.22<br>1.14<br>0.00   | 41.72<br>1.14<br>0.00  | 46.36<br>1.17<br>0.00  | 56.73<br>1.17<br>0.00   | 72.99<br>1.64<br>0.00   | 87.15<br>2.37<br>0.00   | 89.76<br>2.44<br>0.00   | 87.82<br>2.39<br>0.00   | 61.58<br>1.56<br>0.00   | 50.31<br>1.18<br>0.00   | 44.69<br>0.92<br>0.00  |
| NM_CENTRAL___DRP<br>24181     | 38.25<br>-0.39<br>0.00 | 29.49<br>-0.29<br>-0.37 | 27.52<br>-0.33<br>-0.32 | 27.91<br>-0.36<br>-0.22 | 29.63<br>-0.42<br>0.00 | 32.04<br>-0.42<br>0.00 | 38.68<br>-0.43<br>0.00 | 38.61<br>-0.39<br>0.00 | 35.29<br>-0.32<br>0.00 | 33.06<br>-0.27<br>0.00 | 35.92<br>-0.33<br>0.00 | 38.30<br>-0.31<br>0.00 | 39.13<br>-0.40<br>0.00 | 41.87<br>-0.42<br>-0.20 | 40.22<br>-0.37<br>0.00 | 44.66<br>-0.32<br>0.21 | 54.70<br>-0.17<br>0.69  | 69.64<br>-0.14<br>1.57  | 86.79<br>0.51<br>-1.50  | 89.40<br>0.70<br>-1.38  | 88.63<br>0.51<br>-2.69  | 58.74<br>-0.12<br>1.17  | 48.20<br>-0.29<br>0.63  | 43.56<br>-0.22<br>0.00 |
| NM_FRONTIER___DRP<br>24179    | 34.75<br>-3.86<br>0.02 | 26.43<br>-3.59<br>-0.61 | 24.83<br>-3.22<br>-0.51 | 24.87<br>-3.54<br>-0.34 | 26.09<br>-3.94<br>0.02 | 28.03<br>-4.29<br>0.16 | 26.19<br>-4.58<br>8.34 | 25.02<br>-4.25<br>9.73 | 24.98<br>-3.63<br>7.00 | 25.72<br>-3.20<br>4.40 | 27.32<br>-3.52<br>5.41 | 30.02<br>-3.71<br>4.89 | 29.37<br>-3.95<br>6.20 | 28.39<br>-4.25<br>9.44  | 30.02<br>-4.22<br>6.34 | 32.19<br>-4.61<br>8.38 | 37.93<br>-5.22<br>12.42 | 50.91<br>-6.92<br>13.52 | 59.58<br>-6.87<br>18.33 | 80.40<br>-6.90<br>0.02  | 77.18<br>-8.20<br>0.05  | 47.18<br>-6.66<br>6.18  | 38.77<br>-4.91<br>5.45  | 39.76<br>-3.98<br>0.03 |
| NM_ST_REGIS___HYD<br>24053    | 37.78<br>-0.85<br>0.00 | 28.82<br>-0.65<br>-0.06 | 26.92<br>-0.66<br>-0.05 | 27.39<br>-0.70<br>-0.03 | 29.39<br>-0.66<br>0.00 | 31.85<br>-0.62<br>0.00 | 38.01<br>-1.10<br>0.00 | 37.48<br>-1.52<br>0.00 | 34.08<br>-1.53<br>0.00 | 31.73<br>-1.60<br>0.00 | 34.44<br>-1.81<br>0.00 | 36.68<br>-1.93<br>0.00 | 37.47<br>-2.06<br>0.00 | 39.90<br>-2.19<br>0.00  | 38.43<br>-2.15<br>0.00 | 42.84<br>-2.35<br>0.00 | 52.56<br>-3.00<br>0.00  | 67.57<br>-3.78<br>0.00  | 80.88<br>-3.90<br>0.00  | 83.83<br>-3.49<br>0.00  | 82.35<br>-3.08<br>0.00  | 57.92<br>-2.10<br>0.00  | 47.46<br>-1.67<br>0.00  | 42.46<br>-1.31<br>0.00 |
| NORTHPORT___1<br>23551        | 42.04<br>3.40<br>-0.01 | 35.70<br>2.50<br>-3.79  | 33.03<br>2.26<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.51<br>2.46<br>0.00  | 34.90<br>2.44<br>0.00  | 42.00<br>2.89<br>0.00  | 42.43<br>3.39<br>-0.04 | 38.70<br>3.10<br>0.00  | 36.50<br>3.17<br>-0.01 | 39.59<br>3.33<br>-0.01 | 42.64<br>4.02<br>-0.01 | 46.21<br>4.19<br>-2.50 | 51.64<br>3.91<br>-5.64  | 51.95<br>3.53<br>-7.84 | 55.39<br>3.80<br>-6.41 | 69.04<br>4.78<br>-8.69  | 85.98<br>6.28<br>-8.35  | 93.74<br>8.56<br>-0.40  | 95.78<br>8.47<br>0.00   | 92.51<br>7.09<br>0.00   | 67.28<br>4.50<br>-2.76  | 52.68<br>3.54<br>0.00   | 47.59<br>3.81<br>-0.01 |
| NORTHPORT___2<br>23552        | 42.04<br>3.40<br>-0.01 | 35.70<br>2.50<br>-3.79  | 33.03<br>2.26<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.51<br>2.46<br>0.00  | 34.90<br>2.44<br>0.00  | 42.00<br>2.89<br>0.00  | 42.43<br>3.39<br>-0.04 | 38.70<br>3.10<br>0.00  | 36.50<br>3.17<br>-0.01 | 39.59<br>3.33<br>-0.01 | 42.64<br>4.02<br>-0.01 | 46.21<br>4.19<br>-2.50 | 51.64<br>3.91<br>-5.64  | 51.95<br>3.53<br>-7.84 | 55.39<br>3.80<br>-6.41 | 69.04<br>4.78<br>-8.69  | 85.98<br>6.28<br>-8.35  | 93.74<br>8.56<br>-0.40  | 95.78<br>8.47<br>0.00   | 92.51<br>7.09<br>0.00   | 67.28<br>4.50<br>-2.76  | 52.68<br>3.54<br>0.00   | 47.59<br>3.81<br>-0.01 |
| NORTHPORT___3<br>23553        | 42.00<br>3.36<br>-0.01 | 35.67<br>2.47<br>-3.79  | 33.03<br>2.26<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.51<br>2.46<br>0.00  | 34.87<br>2.40<br>0.00  | 42.00<br>2.89<br>0.00  | 42.39<br>3.35<br>-0.04 | 38.70<br>3.10<br>0.00  | 36.46<br>3.13<br>-0.01 | 39.59<br>3.33<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.21<br>4.19<br>-2.50 | 51.64<br>3.91<br>-5.64  | 51.91<br>3.49<br>-7.84 | 55.37<br>3.75<br>-6.44 | 69.13<br>4.78<br>-8.79  | 85.96<br>6.20<br>-8.40  | 93.70<br>8.48<br>-0.45  | 95.70<br>8.38<br>0.00   | 92.51<br>7.09<br>0.00   | 67.36<br>4.50<br>-2.84  | 52.63<br>3.49<br>0.00   | 47.59<br>3.81<br>-0.01 |
| NORTHPORT___4<br>23650        | 42.00<br>3.36<br>-0.01 | 35.67<br>2.47<br>-3.79  | 33.03<br>2.26<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.51<br>2.46<br>0.00  | 34.87<br>2.40<br>0.00  | 42.00<br>2.89<br>0.00  | 42.39<br>3.35<br>-0.04 | 38.70<br>3.10<br>0.00  | 36.46<br>3.13<br>-0.01 | 39.59<br>3.33<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.21<br>4.19<br>-2.50 | 51.64<br>3.91<br>-5.64  | 51.91<br>3.49<br>-7.84 | 55.37<br>3.75<br>-6.44 | 69.13<br>4.78<br>-8.79  | 85.96<br>6.20<br>-8.40  | 93.70<br>8.48<br>-0.45  | 95.70<br>8.38<br>0.00   | 92.51<br>7.09<br>0.00   | 67.36<br>4.50<br>-2.84  | 52.63<br>3.49<br>0.00   | 47.59<br>3.81<br>-0.01 |
| NORTHPORT___IC<br>23718       | 42.08<br>3.44<br>-0.01 | 35.73<br>2.53<br>-3.79  | 33.03<br>2.26<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.51<br>2.46<br>0.00  | 34.90<br>2.43<br>0.00  | 42.24<br>3.13<br>0.00  | 42.47<br>3.47<br>0.00  | 38.74<br>3.13<br>0.00  | 36.47<br>3.13<br>-0.01 | 39.59<br>3.33<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.21<br>4.19<br>-2.50 | 51.64<br>3.91<br>-5.64  | 51.95<br>3.53<br>-7.84 | 55.39<br>3.80<br>-6.41 | 69.04<br>4.78<br>-8.69  | 85.98<br>6.28<br>-8.35  | 93.74<br>8.56<br>-0.40  | 95.78<br>8.47<br>0.00   | 92.77<br>7.35<br>0.00   | 67.34<br>4.56<br>-2.76  | 52.67<br>3.54<br>0.00   | 47.59<br>3.81<br>-0.01 |
| NORTH___COUNTRY_ESR<br>323785 | 38.05<br>-0.58<br>0.00 | 28.94<br>-0.47<br>0.00  | 27.07<br>-0.47<br>0.00  | 27.58<br>-0.48<br>0.00  | 29.60<br>-0.45<br>0.00 | 32.01<br>-0.45<br>0.00 | 38.56<br>-0.55<br>0.00 | 38.34<br>-0.66<br>0.00 | 35.00<br>-0.61<br>0.00 | 32.76<br>-0.57<br>0.00 | 35.63<br>-0.62<br>0.00 | 37.96<br>-0.66<br>0.00 | 38.81<br>-0.71<br>0.00 | 41.28<br>-0.80<br>0.00  | 39.77<br>-0.81<br>0.00 | 44.28<br>-0.90<br>0.00 | 54.12<br>-1.45<br>0.00  | 69.21<br>-2.14<br>0.00  | 81.73<br>-3.05<br>0.00  | 84.09<br>-3.23<br>0.00  | 82.36<br>-3.07<br>0.00  | 58.16<br>-1.86<br>0.00  | 47.86<br>-1.28<br>0.00  | 42.59<br>-1.18<br>0.00 |
| NPX_GEN_1385_PROXY<br>323591  | 42.04<br>3.40<br>-0.01 | 35.70<br>2.50<br>-3.79  | 33.03<br>2.26<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.51<br>2.46<br>0.00  | 34.90<br>2.44<br>0.00  | 42.00<br>2.89<br>0.00  | 42.43<br>3.39<br>-0.04 | 38.70<br>3.10<br>0.00  | 36.50<br>3.17<br>-0.01 | 39.59<br>3.33<br>-0.01 | 42.64<br>4.02<br>-0.01 | 46.21<br>4.19<br>-2.50 | 51.04<br>3.91<br>-5.04  | 52.55<br>3.53<br>-8.43 | 55.39<br>3.80<br>-6.41 | 69.04<br>4.78<br>-8.69  | 88.34<br>6.28<br>-10.71 | 91.38<br>8.56<br>1.96   | 95.78<br>8.47<br>0.00   | 88.35<br>7.09<br>4.16   | 71.44<br>4.50<br>-6.91  | 53.73<br>3.54<br>-1.06  | 46.53<br>3.81<br>1.05  |
| NPX_GEN_CSC<br>323557         | 41.97<br>3.32<br>-0.01 | 35.79<br>2.59<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.50<br>2.25<br>-2.20  | 32.69<br>2.64<br>0.00  | 35.06<br>2.60<br>0.00  | 42.16<br>3.05<br>0.00  | 42.62<br>3.59<br>-0.04 | 38.60<br>2.99<br>0.00  | 36.40<br>3.06<br>-0.01 | 39.41<br>3.15<br>-0.01 | 42.48<br>3.86<br>-0.01 | 45.93<br>3.91<br>-2.50 | 50.96<br>3.83<br>-5.04  | 52.51<br>3.49<br>-8.43 | 55.71<br>3.89<br>-6.63 | 69.97<br>4.94<br>-9.46  | 88.95<br>6.42<br>-11.18 | 92.08<br>8.90<br>1.59   | 96.23<br>8.91<br>0.00   | 88.79<br>7.52<br>4.16   | 72.39<br>4.92<br>-7.44  | 53.98<br>3.78<br>-1.06  | 46.41<br>3.68<br>1.05  |
| NSINS_S_GLNS_FALLS<br>23858   | 40.80<br>2.16<br>0.00  | 35.77<br>1.91<br>-4.45  | 32.93<br>1.60<br>-3.80  | 32.33<br>1.68<br>-2.58  | 31.85<br>1.80<br>0.00  | 34.32<br>1.85<br>0.00  | 41.30<br>2.19<br>0.00  | 41.07<br>2.07<br>0.00  | 37.10<br>1.50<br>0.00  | 34.46<br>1.13<br>0.00  | 37.52<br>1.27<br>0.00  | 39.81<br>1.20<br>0.00  | 40.79<br>1.26<br>0.00  | 43.68<br>1.60<br>0.00   | 42.09<br>1.50<br>0.00  | 46.32<br>1.13<br>0.00  | 57.18<br>1.61<br>0.00   | 73.85<br>2.50<br>0.00   | 89.02<br>4.24<br>0.00   | 91.95<br>4.63<br>0.00   | 90.21<br>4.78<br>0.00   | 63.32<br>3.30<br>0.00   | 51.49<br>2.36<br>0.00   | 46.44<br>2.67<br>0.00  |
| NUCOR_STEEL___DRP<br>24197    | 38.63<br>0.00<br>0.00  | 29.89<br>-0.03<br>-0.51 | 27.89<br>-0.08<br>-0.43 | 28.24<br>-0.11<br>-0.29 | 29.90<br>-0.15<br>0.00 | 32.37<br>-0.10<br>0.00 | 39.07<br>-0.04<br>0.00 | 38.99<br>0.04<br>0.04  | 35.64<br>0.04<br>0.00  | 33.33<br>0.00<br>0.00  | 36.21<br>-0.04<br>0.00 | 38.61<br>0.00<br>0.00  | 39.44<br>-0.08<br>0.00 | 42.38<br>-0.04<br>-0.34 | 40.54<br>-0.04<br>0.00 | 45.32<br>0.14<br>0.00  | 56.18<br>0.61<br>0.00   | 72.28<br>0.93<br>0.00   | 89.32<br>2.03<br>-2.51  | 91.98<br>2.36<br>-2.31  | 92.05<br>2.14<br>-4.48  | 60.92<br>0.90<br>0.00   | 49.62<br>0.49<br>0.00   | 44.21<br>0.44<br>0.00  |

|                                |                        |                        |                        |                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                          |                         |                        |                        |                        |                        |
|--------------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| NUMBER_THREE_WT_PWR<br>323818  | 38.75<br>0.12<br>0.00  | 29.62<br>0.03<br>-0.18 | 27.68<br>0.00<br>-0.15 | 27.88<br>-0.28<br>-0.10 | 29.45<br>-0.60<br>0.00 | 31.91<br>-0.55<br>0.00 | 38.25<br>-0.86<br>0.00 | 37.83<br>-1.17<br>0.00 | 34.18<br>-1.43<br>0.00 | 31.63<br>-1.70<br>0.00 | 34.29<br>-1.96<br>0.00 | 36.53<br>-2.09<br>0.00 | 37.43<br>-2.10<br>0.00 | 40.05<br>-2.14<br>-0.11 | 38.80<br>-1.78<br>0.00  | 43.38<br>-1.81<br>0.00  | 53.68<br>-1.89<br>0.00  | 69.21<br>-2.14<br>0.00  | 87.82<br>2.20<br>-0.84   | 91.41<br>3.32<br>-0.77  | 90.35<br>3.42<br>-1.50 | 61.76<br>1.74<br>0.00  | 50.12<br>0.98<br>0.00  | 44.56<br>0.79<br>0.00  |
| NYISO_LBMP_REFERENCE<br>24008  | 38.63<br>0.00<br>0.00  | 29.41<br>0.00<br>0.00  | 27.53<br>0.00<br>0.00  | 28.06<br>0.00<br>0.00   | 30.05<br>0.00<br>0.00  | 32.47<br>0.00<br>0.00  | 39.11<br>0.00<br>0.00  | 39.00<br>0.00<br>0.00  | 35.61<br>0.00<br>0.00  | 33.33<br>0.00<br>0.00  | 36.25<br>0.00<br>0.00  | 38.61<br>0.00<br>0.00  | 39.52<br>0.00<br>0.00  | 42.08<br>0.00<br>0.00   | 40.58<br>0.00<br>0.00   | 45.19<br>0.00<br>0.00   | 55.57<br>0.00<br>0.00   | 71.35<br>0.00<br>0.00   | 84.78<br>0.00<br>0.00    | 87.32<br>0.00<br>0.00   | 85.43<br>0.00<br>0.00  | 60.02<br>0.00<br>0.00  | 49.13<br>0.00<br>0.00  | 43.77<br>0.00<br>0.00  |
| NYPA_BRENTWD____GT<br>24164    | 42.51<br>3.86<br>-0.01 | 36.02<br>2.82<br>-3.79 | 33.33<br>2.56<br>-3.24 | 32.75<br>2.50<br>-2.20  | 32.87<br>2.82<br>0.00  | 35.26<br>2.79<br>0.00  | 42.47<br>3.36<br>0.00  | 42.90<br>3.86<br>-0.04 | 39.10<br>3.49<br>0.00  | 36.83<br>3.50<br>-0.01 | 39.99<br>3.73<br>-0.01 | 43.06<br>4.44<br>-0.01 | 46.64<br>4.62<br>-2.50 | 52.23<br>4.51<br>-5.64  | 52.52<br>4.10<br>-7.84  | 56.75<br>4.56<br>-7.00  | 71.89<br>5.61<br>-10.71 | 88.22<br>7.28<br>-9.58  | 96.06<br>9.91<br>-1.36   | 97.18<br>9.86<br>0.00   | 93.89<br>8.46<br>0.00  | 69.65<br>5.46<br>-4.17 | 53.51<br>4.37<br>0.00  | 48.16<br>4.38<br>-0.01 |
| NYPA_GOWANUS____GT5<br>24156   | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31  | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00  | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NYPA_GOWANUS____GT6<br>24157   | 42.12<br>3.48<br>-0.01 | 35.77<br>2.56<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.93<br>3.31<br>-0.01 | 36.95<br>3.60<br>-0.02 | 40.11<br>3.84<br>-0.02 | 42.88<br>4.25<br>-0.02 | 46.95<br>4.82<br>-2.61 | 53.36<br>4.96<br>-6.31  | 63.11<br>4.67<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.55<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.54<br>10.21<br>-0.01 | 94.24<br>8.80<br>-0.01 | 65.43<br>5.40<br>0.00  | 53.77<br>4.62<br>-0.01 | 47.85<br>4.07<br>-0.01 |
| NYPA_HARLEM__RVR__GT1<br>24160 | 41.89<br>3.25<br>-0.01 | 35.65<br>2.44<br>-3.80 | 33.17<br>2.39<br>-3.25 | 32.57<br>2.30<br>-2.21  | 32.43<br>2.37<br>-0.01 | 34.91<br>2.44<br>-0.01 | 41.61<br>2.51<br>0.00  | 41.81<br>2.77<br>-0.04 | 38.45<br>2.85<br>0.01  | 36.60<br>3.27<br>-0.01 | 39.66<br>3.41<br>-0.01 | 42.44<br>3.82<br>0.00  | 46.63<br>4.58<br>-2.52 | 53.21<br>4.84<br>-6.28  | 54.29<br>4.46<br>-9.24  | 57.94<br>4.88<br>-7.87  | 75.50<br>6.00<br>-13.93 | 91.05<br>7.78<br>-11.92 | 97.77<br>9.41<br>-3.59   | 96.41<br>9.08<br>0.00   | 93.13<br>7.69<br>0.00  | 64.63<br>4.62<br>0.02  | 53.27<br>4.13<br>-0.01 | 47.58<br>3.81<br>0.00  |
| NYPA_HARLEM__RVR__GT2<br>24161 | 41.89<br>3.25<br>-0.01 | 35.65<br>2.44<br>-3.80 | 33.17<br>2.39<br>-3.25 | 32.57<br>2.30<br>-2.21  | 32.43<br>2.37<br>-0.01 | 34.91<br>2.44<br>-0.01 | 41.61<br>2.51<br>0.00  | 41.81<br>2.77<br>-0.04 | 38.45<br>2.85<br>0.01  | 36.60<br>3.27<br>-0.01 | 39.66<br>3.41<br>-0.01 | 42.44<br>3.82<br>0.00  | 46.63<br>4.58<br>-2.52 | 53.21<br>4.84<br>-6.28  | 54.29<br>4.46<br>-9.24  | 57.94<br>4.88<br>-7.87  | 75.50<br>6.00<br>-13.93 | 91.05<br>7.78<br>-11.92 | 97.77<br>9.41<br>-3.59   | 96.41<br>9.08<br>0.00   | 93.13<br>7.69<br>0.00  | 64.63<br>4.62<br>0.02  | 53.27<br>4.13<br>-0.01 | 47.58<br>3.81<br>0.00  |
| NYPA_KENT____GT<br>24152       | 42.00<br>3.36<br>0.00  | 35.70<br>2.50<br>-3.79 | 33.20<br>2.42<br>-3.25 | 32.62<br>2.36<br>-2.21  | 32.46<br>2.40<br>-0.01 | 34.94<br>2.47<br>0.00  | 41.89<br>2.78<br>0.00  | 42.20<br>3.16<br>-0.04 | 38.82<br>3.21<br>0.00  | 36.88<br>3.53<br>-0.02 | 40.04<br>3.77<br>-0.02 | 42.76<br>4.13<br>-0.02 | 46.87<br>4.74<br>-2.61 | 53.32<br>4.92<br>-6.31  | 63.03<br>4.58<br>-17.86 | 63.56<br>5.10<br>-13.27 | 90.89<br>6.39<br>-28.94 | 94.48<br>8.27<br>-14.85 | 100.24<br>10.00<br>-5.46 | 97.20<br>9.86<br>-0.01  | 93.98<br>8.54<br>-0.01 | 65.18<br>5.16<br>0.00  | 53.62<br>4.47<br>-0.01 | 47.72<br>3.94<br>0.00  |
| NYPA_POUCH1____GT<br>24155     | 42.08<br>3.44<br>-0.01 | 35.80<br>2.59<br>-3.80 | 33.28<br>2.51<br>-3.25 | 32.71<br>2.44<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.04<br>2.56<br>-0.01 | 42.01<br>2.89<br>-0.01 | 42.28<br>3.24<br>-0.05 | 38.89<br>3.27<br>-0.01 | 36.92<br>3.57<br>-0.02 | 40.08<br>3.81<br>-0.02 | 42.81<br>4.17<br>-0.02 | 46.83<br>4.70<br>-2.61 | 53.07<br>4.71<br>-6.27  | 62.91<br>4.46<br>-17.86 | 63.56<br>5.10<br>-13.27 | 90.84<br>6.33<br>-28.94 | 94.85<br>8.20<br>-15.29 | 100.66<br>10.08<br>-5.80 | 97.37<br>10.04<br>-0.01 | 94.07<br>8.62<br>-0.01 | 65.30<br>5.28<br>0.00  | 53.72<br>4.57<br>-0.01 | 47.81<br>4.02<br>-0.01 |
| NYPA_VERNON____GT2<br>24162    | 41.88<br>3.25<br>0.00  | 35.61<br>2.41<br>-3.79 | 33.12<br>2.34<br>-3.25 | 32.54<br>2.27<br>-2.21  | 32.40<br>2.35<br>-0.01 | 34.84<br>2.37<br>0.00  | 41.81<br>2.70<br>0.00  | 42.08<br>3.04<br>-0.04 | 38.74<br>3.13<br>0.00  | 36.77<br>3.43<br>-0.02 | 39.92<br>3.66<br>-0.02 | 42.68<br>4.05<br>-0.01 | 46.79<br>4.66<br>-2.61 | 53.32<br>4.92<br>-6.31  | 63.03<br>4.58<br>-17.86 | 63.47<br>5.02<br>-13.27 | 90.72<br>6.22<br>-28.94 | 94.38<br>8.06<br>-14.97 | 100.08<br>9.75<br>-5.55  | 97.03<br>9.69<br>-0.01  | 93.82<br>8.38<br>-0.01 | 65.06<br>5.04<br>0.00  | 53.47<br>4.32<br>-0.01 | 47.58<br>3.81<br>0.00  |
| NYPA_VERNON____GT3<br>24163    | 41.88<br>3.25<br>0.00  | 35.61<br>2.41<br>-3.79 | 33.12<br>2.34<br>-3.25 | 32.54<br>2.27<br>-2.21  | 32.40<br>2.35<br>-0.01 | 34.84<br>2.37<br>0.00  | 41.81<br>2.70<br>0.00  | 42.08<br>3.04<br>-0.04 | 38.74<br>3.13<br>0.00  | 36.77<br>3.43<br>-0.02 | 39.92<br>3.66<br>-0.02 | 42.68<br>4.05<br>-0.01 | 46.79<br>4.66<br>-2.61 | 53.32<br>4.92<br>-6.31  | 63.03<br>4.58<br>-17.86 | 63.47<br>5.02<br>-13.27 | 90.72<br>6.22<br>-28.94 | 94.38<br>8.06<br>-14.97 | 100.08<br>9.75<br>-5.55  | 97.03<br>9.69<br>-0.01  | 93.82<br>8.38<br>-0.01 | 65.06<br>5.04<br>0.00  | 53.47<br>4.32<br>-0.01 | 47.58<br>3.81<br>0.00  |
| NYPA__ASTORIA_CC1<br>323568    | 41.84<br>3.20<br>0.00  | 35.61<br>2.41<br>-3.79 | 33.12<br>2.34<br>-3.25 | 32.54<br>2.27<br>-2.21  | 32.37<br>2.31<br>-0.01 | 34.84<br>2.37<br>0.00  | 41.73<br>2.62<br>0.00  | 42.00<br>2.96<br>-0.04 | 38.67<br>3.06<br>0.00  | 36.70<br>3.36<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.72<br>4.58<br>-2.61 | 53.23<br>4.84<br>-6.31  | 62.91<br>4.46<br>-17.86 | 63.34<br>4.88<br>-13.27 | 89.79<br>6.06<br>-28.17 | 91.39<br>7.85<br>-12.19 | 99.48<br>9.49<br>-5.20   | 96.76<br>9.43<br>0.00   | 93.55<br>8.12<br>0.00  | 64.88<br>4.86<br>0.00  | 53.37<br>4.23<br>-0.01 | 47.54<br>3.77<br>0.00  |
| NYPA__ASTORIA_CC2<br>323569    | 41.84<br>3.20<br>0.00  | 35.61<br>2.41<br>-3.79 | 33.12<br>2.34<br>-3.25 | 32.54<br>2.27<br>-2.21  | 32.37<br>2.31<br>-0.01 | 34.84<br>2.37<br>0.00  | 41.73<br>2.62<br>0.00  | 42.00<br>2.96<br>-0.04 | 38.67<br>3.06<br>0.00  | 36.70<br>3.36<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.72<br>4.58<br>-2.61 | 53.23<br>4.84<br>-6.31  | 62.91<br>4.46<br>-17.86 | 63.34<br>4.88<br>-13.27 | 89.79<br>6.06<br>-28.17 | 91.39<br>7.85<br>-12.19 | 99.48<br>9.49<br>-5.20   | 96.76<br>9.43<br>0.00   | 93.55<br>8.12<br>0.00  | 64.88<br>4.86<br>0.00  | 53.37<br>4.23<br>-0.01 | 47.54<br>3.77<br>0.00  |
| NYPA__HOLTSVILL<br>23794       | 42.31<br>3.67<br>-0.01 | 35.90<br>2.70<br>-3.79 | 33.22<br>2.45<br>-3.24 | 32.64<br>2.38<br>-2.20  | 32.78<br>2.73<br>0.00  | 35.16<br>2.69<br>0.00  | 42.32<br>3.21<br>0.00  | 42.78<br>3.74<br>-0.04 | 38.92<br>3.31<br>0.00  | 36.66<br>3.33<br>-0.01 | 39.77<br>3.52<br>-0.01 | 42.87<br>4.25<br>-0.01 | 46.33<br>4.31<br>-2.50 | 51.89<br>4.17<br>-5.64  | 52.23<br>3.81<br>-7.84  | 56.00<br>4.20<br>-6.61  | 70.23<br>5.28<br>-9.38  | 86.90<br>6.78<br>-8.77  | 94.83<br>9.33<br>-0.73   | 96.57<br>9.25<br>0.00   | 93.28<br>7.85<br>0.00  | 68.41<br>5.16<br>-3.23 | 53.17<br>4.03<br>0.00  | 47.81<br>4.02<br>-0.01 |
| NYPA__HELLGATE_GT1<br>24158    | 41.89<br>3.25<br>-0.01 | 35.65<br>2.44<br>-3.80 | 33.17<br>2.39<br>-3.25 | 32.57<br>2.30<br>-2.21  | 32.43<br>2.37<br>-0.01 | 34.91<br>2.44<br>-0.01 | 41.61<br>2.51<br>0.00  | 41.81<br>2.77<br>-0.04 | 38.45<br>2.85<br>0.01  | 36.60<br>3.27<br>-0.01 | 39.66<br>3.41<br>-0.01 | 42.44<br>3.82<br>0.00  | 46.78<br>4.58<br>-2.68 | 53.21<br>4.84<br>-6.28  | 52.50<br>4.46<br>-7.45  | 58.86<br>4.88<br>-8.79  | 78.05<br>6.00<br>-16.48 | 91.58<br>7.78<br>-12.45 | 97.36<br>9.41<br>-3.17   | 96.41<br>9.08<br>0.00   | 93.13<br>7.69<br>0.00  | 64.64<br>4.62<br>0.00  | 53.27<br>4.13<br>-0.01 | 47.58<br>3.81<br>0.00  |

|                                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |       |       |       |       |       |       |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|
| NYPA_____HELLGATE_GT2<br>24159 | 41.89 | 35.65 | 33.17 | 32.57 | 32.43 | 34.91 | 41.61 | 41.81 | 38.45 | 36.60 | 39.66 | 42.44 | 46.78 | 53.21 | 52.50 | 58.86 | 78.05  | 91.58  | 97.36 | 96.41 | 93.13 | 64.64 | 53.27 | 47.58 |
|                                | 3.25  | 2.44  | 2.39  | 2.30  | 2.37  | 2.44  | 2.51  | 2.77  | 2.85  | 3.27  | 3.41  | 3.82  | 4.58  | 4.84  | 4.46  | 4.88  | 6.00   | 7.78   | 9.41  | 9.08  | 7.69  | 4.62  | 4.13  | 3.81  |
|                                | -0.01 | -3.80 | -3.25 | -2.21 | -0.01 | -0.01 | 0.00  | -0.04 | 0.01  | -0.01 | -0.01 | 0.00  | -2.68 | -6.28 | -7.45 | -8.79 | -16.48 | -12.45 | -3.17 | 0.00  | 0.00  | 0.00  | -0.01 | 0.00  |
| NYS_BARGE___HYD<br>23848       | 34.96 | 26.59 | 24.90 | 24.91 | 26.17 | 28.11 | 27.09 | 26.38 | 25.85 | 26.23 | 27.96 | 30.67 | 30.24 | 29.46 | 30.80 | 33.26 | 40.33  | 53.10  | 67.68 | 81.82 | 78.49 | 48.74 | 39.69 | 40.13 |
|                                | -3.67 | -3.44 | -3.17 | -3.51 | -3.88 | -4.19 | -4.26 | -3.94 | -3.31 | -3.03 | -3.30 | -3.44 | -3.56 | -3.91 | -3.94 | -4.16 | -4.61  | -6.28  | -6.02 | -5.50 | -6.92 | -5.58 | -4.42 | -3.63 |
|                                | 0.00  | -0.62 | -0.53 | -0.36 | 0.00  | 0.17  | 7.76  | 8.69  | 6.45  | 4.06  | 4.99  | 4.51  | 5.72  | 8.71  | 5.85  | 7.77  | 10.62  | 11.97  | 11.08 | 0.00  | 0.02  | 5.70  | 5.02  | 0.01  |
| OAK ORCHARD___HYD<br>24046     | 37.24 | 28.62 | 26.76 | 26.95 | 28.42 | 30.65 | 37.39 | 37.23 | 33.98 | 31.80 | 34.59 | 36.96 | 37.79 | 40.24 | 38.77 | 43.00 | 52.35  | 65.75  | 83.67 | 86.89 | 84.23 | 55.44 | 45.85 | 42.68 |
|                                | -1.39 | -1.29 | -1.21 | -1.40 | -1.62 | -1.85 | -1.72 | -1.68 | -1.64 | -1.53 | -1.67 | -1.66 | -1.74 | -1.85 | -1.83 | -1.72 | -1.56  | -1.86  | -1.10 | -0.43 | -1.20 | -1.80 | -1.77 | -1.09 |
|                                | 0.00  | -0.51 | -0.43 | -0.29 | 0.00  | -0.03 | 0.00  | 0.09  | -0.01 | 0.00  | -0.01 | 0.00  | -0.01 | -0.01 | -0.01 | 0.47  | 1.66   | 3.75   | 0.00  | 0.00  | 0.00  | 2.78  | 1.52  | 0.00  |
| OAKDALE___35_KV_LOAD<br>356122 | 38.63 | 30.57 | 28.48 | 28.58 | 29.75 | 32.22 | 38.80 | 39.22 | 35.90 | 33.66 | 36.58 | 39.04 | 40.04 | 42.77 | 41.11 | 45.78 | 56.54  | 72.07  | 89.03 | 90.97 | 89.49 | 60.42 | 49.49 | 44.17 |
|                                | 0.00  | -0.18 | -0.19 | -0.25 | -0.30 | -0.23 | -0.31 | 0.00  | 0.28  | 0.33  | 0.33  | 0.42  | 0.51  | 0.55  | 0.53  | 0.72  | 1.28   | 1.57   | 2.71  | 2.71  | 2.22  | 1.08  | 0.74  | 0.39  |
|                                | 0.00  | -1.34 | -1.14 | -0.78 | 0.00  | 0.02  | 0.00  | -0.22 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.14 | 0.00  | 0.13  | 0.31   | 0.85   | -1.54 | -0.94 | -1.83 | 0.68  | 0.38  | 0.00  |
| OCC_CHEM___DRP<br>24175        | 34.79 | 26.49 | 24.85 | 24.90 | 26.12 | 28.06 | 26.18 | 25.01 | 25.01 | 25.72 | 27.32 | 30.05 | 29.44 | 28.43 | 30.06 | 32.24 | 38.04  | 50.98  | 59.75 | 80.66 | 77.35 | 47.30 | 38.82 | 39.85 |
|                                | -3.82 | -3.53 | -3.19 | -3.51 | -3.91 | -4.25 | -4.58 | -4.25 | -3.60 | -3.20 | -3.52 | -3.67 | -3.87 | -4.21 | -4.18 | -4.56 | -5.11  | -6.85  | -6.70 | -6.64 | -8.03 | -6.54 | -4.86 | -3.90 |
|                                | 0.02  | -0.61 | -0.52 | -0.34 | 0.02  | 0.16  | 8.35  | 9.74  | 7.00  | 4.41  | 5.42  | 4.89  | 6.21  | 9.45  | 6.35  | 8.39  | 12.42  | 13.52  | 18.33 | 0.02  | 0.05  | 6.18  | 5.45  | 0.03  |
| OH_GEN_PROXY<br>24063          | 35.12 | 26.74 | 25.04 | 25.08 | 26.32 | 28.28 | 27.28 | 26.48 | 25.84 | 26.18 | 27.95 | 30.60 | 30.20 | 28.92 | 31.39 | 33.27 | 39.52  | 54.87  | 59.82 | 81.20 | 73.90 | 52.68 | 40.50 | 39.08 |
|                                | -3.52 | -3.29 | -3.03 | -3.34 | -3.73 | -4.06 | -4.46 | -4.17 | -3.49 | -3.20 | -3.44 | -3.63 | -3.76 | -4.08 | -4.10 | -4.34 | -4.83  | -6.42  | -6.36 | -6.11 | -7.35 | -5.70 | -4.67 | -3.63 |
|                                | 0.00  | -0.62 | -0.53 | -0.36 | 0.00  | 0.13  | 7.37  | 8.34  | 6.28  | 3.95  | 4.85  | 4.38  | 5.57  | 9.08  | 5.09  | 7.57  | 11.21  | 10.06  | 18.60 | 0.00  | 4.18  | 1.64  | 3.96  | 1.06  |
| OLIN_CORP_DRP<br>24177         | 34.42 | 26.17 | 24.58 | 24.59 | 25.78 | 27.67 | 25.84 | 24.66 | 24.61 | 25.39 | 26.98 | 29.71 | 29.07 | 27.92 | 29.63 | 31.74 | 36.95  | 49.66  | 62.14 | 79.90 | 76.60 | 46.60 | 38.34 | 39.43 |
|                                | -4.21 | -3.88 | -3.50 | -3.84 | -4.27 | -4.64 | -4.69 | -4.41 | -3.85 | -3.43 | -3.73 | -3.90 | -4.11 | -4.50 | -4.46 | -4.88 | -5.56  | -7.71  | -7.71 | -7.42 | -8.80 | -7.14 | -5.21 | -4.33 |
|                                | 0.00  | -0.64 | -0.55 | -0.37 | 0.00  | 0.15  | 8.58  | 9.93  | 7.16  | 4.51  | 5.54  | 5.00  | 6.35  | 9.66  | 6.49  | 8.56  | 13.06  | 13.99  | 14.92 | 0.00  | 0.03  | 6.28  | 5.59  | 0.01  |
| OLIN_CORP_DSASP<br>323712      | 34.79 | 26.49 | 24.85 | 24.90 | 26.12 | 28.06 | 26.18 | 25.01 | 25.01 | 25.72 | 27.32 | 30.05 | 29.44 | 28.43 | 30.06 | 32.24 | 38.04  | 50.98  | 59.75 | 80.66 | 77.35 | 47.30 | 38.82 | 39.85 |
|                                | -3.82 | -3.53 | -3.19 | -3.51 | -3.91 | -4.25 | -4.58 | -4.25 | -3.60 | -3.20 | -3.52 | -3.67 | -3.87 | -4.21 | -4.18 | -4.56 | -5.11  | -6.85  | -6.70 | -6.64 | -8.03 | -6.54 | -4.86 | -3.90 |
|                                | 0.02  | -0.61 | -0.52 | -0.34 | 0.02  | 0.16  | 8.35  | 9.74  | 7.00  | 4.41  | 5.42  | 4.89  | 6.21  | 9.45  | 6.35  | 8.39  | 12.42  | 13.52  | 18.33 | 0.02  | 0.05  | 6.18  | 5.45  | 0.03  |
| ONEIDA_HERK_LFGE<br>323681     | 39.17 | 29.96 | 28.01 | 28.30 | 30.02 | 32.56 | 39.11 | 38.88 | 35.29 | 32.79 | 35.60 | 37.92 | 38.85 | 41.46 | 40.10 | 44.66 | 55.62  | 71.50  | 88.81 | 92.10 | 90.76 | 62.36 | 50.66 | 45.00 |
|                                | 0.54  | 0.38  | 0.33  | 0.14  | -0.03 | 0.10  | 0.00  | -0.12 | -0.32 | -0.53 | -0.65 | -0.69 | -0.67 | -0.72 | -0.49 | -0.45 | 0.06   | 0.14   | 3.39  | 4.19  | 4.18  | 2.34  | 1.52  | 1.22  |
|                                | 0.00  | -0.17 | -0.15 | -0.10 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.09 | 0.00  | 0.07  | 0.00   | 0.00   | -0.64 | -0.59 | -1.14 | 0.00  | 0.00  | 0.00  |
| ONEIDA___115KV_TB4<br>55905    | 39.33 | 30.17 | 28.19 | 28.57 | 30.38 | 32.95 | 39.66 | 39.54 | 36.04 | 33.59 | 36.50 | 38.92 | 39.80 | 42.49 | 40.91 | 45.57 | 56.40  | 72.18  | 89.23 | 92.26 | 90.98 | 61.71 | 50.40 | 45.09 |
|                                | 0.70  | 0.50  | 0.44  | 0.36  | 0.33  | 0.49  | 0.55  | 0.55  | 0.43  | 0.27  | 0.25  | 0.31  | 0.28  | 0.29  | 0.32  | 0.50  | 1.22   | 1.71   | 3.65  | 4.19  | 4.10  | 2.34  | 1.62  | 1.31  |
|                                | 0.00  | -0.26 | -0.22 | -0.15 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.11 | 0.00  | 0.12  | 0.39   | 0.88   | -0.81 | -0.75 | -1.45 | 0.66  | 0.36  | 0.00  |
| ONONDAGA_REF_OCCRA<br>23987    | 38.40 | 29.69 | 27.70 | 28.07 | 29.75 | 32.17 | 38.83 | 38.80 | 35.47 | 33.19 | 36.07 | 38.46 | 39.28 | 42.08 | 40.38 | 44.90 | 55.23  | 70.50  | 87.70 | 90.21 | 89.79 | 59.41 | 48.67 | 43.77 |
|                                | -0.23 | -0.18 | -0.22 | -0.25 | -0.30 | -0.29 | -0.27 | -0.19 | -0.14 | -0.13 | -0.18 | -0.15 | -0.24 | -0.25 | -0.20 | -0.14 | 0.17   | 0.29   | 1.10  | 1.22  | 1.11  | 0.24  | 0.00  | 0.00  |
|                                | 0.00  | -0.46 | -0.39 | -0.27 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.25 | 0.00  | 0.15  | 0.51   | 1.14   | -1.82 | -1.67 | -3.25 | 0.85  | 0.46  | 0.00  |
| ONONDAGA___COGEN<br>23986      | 38.44 | 29.72 | 27.73 | 28.11 | 29.81 | 32.24 | 38.91 | 38.84 | 35.50 | 33.23 | 36.14 | 38.54 | 39.36 | 42.29 | 40.46 | 45.14 | 55.79  | 71.78  | 88.76 | 91.20 | 91.62 | 60.32 | 49.18 | 43.82 |
|                                | -0.19 | -0.12 | -0.17 | -0.20 | -0.24 | -0.23 | -0.20 | -0.16 | -0.11 | -0.10 | -0.11 | -0.08 | -0.16 | -0.17 | -0.12 | -0.05 | 0.22   | 0.43   | 1.19  | 1.31  | 1.20  | 0.30  | 0.05  | 0.04  |
|                                | 0.00  | -0.43 | -0.36 | -0.25 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.38 | 0.00  | 0.00  | 0.00   | 0.00   | -2.80 | -2.57 | -5.00 | 0.00  | 0.00  | 0.00  |
| ONTARIO___LFGE<br>23819        | 38.28 | 29.54 | 27.52 | 27.79 | 29.39 | 31.91 | 43.17 | 43.52 | 39.28 | 35.51 | 38.90 | 41.03 | 42.62 | 47.12 | 43.71 | 49.18 | 60.58  | 75.15  | 96.74 | 91.37 | 89.77 | 61.20 | 50.74 | 44.00 |
|                                | -0.35 | -0.47 | -0.52 | -0.62 | -0.66 | -0.58 | -0.59 | -0.39 | -0.18 | -0.23 | -0.33 | -0.27 | -0.32 | -0.29 | -0.37 | -0.09 | 0.56   | 0.93   | 2.71  | 3.14  | 2.56  | 0.96  | 0.39  | 0.22  |
|                                | 0.00  | -0.60 | -0.51 | -0.35 | 0.00  | -0.03 | -4.65 | -4.91 | -3.85 | -2.42 | -2.98 | -2.69 | -3.41 | -5.33 | -3.49 | -4.08 | -4.46  | -2.88  | -9.25 | -0.91 | -1.78 | -0.22 | -1.21 | -0.01 |
| ORANGEVILLE_WT_PWR<br>323706   | 35.93 | 27.46 | 25.65 | 25.70 | 26.98 | 29.05 | 4.01  | 1.00  | 10.05 | 16.49 | 15.84 | 19.85 | 16.31 | 7.95  | 16.51 | 15.26 | 19.60  | 34.52  | 36.90 | 84.64 | 81.90 | 43.22 | 32.21 | 40.68 |
|                                | -2.71 | -2.71 | -2.53 | -2.81 | -3.07 | -3.15 | -3.68 | -3.28 | -2.46 | -2.30 | -2.54 | -2.63 | -2.73 | -2.99 | -3.12 | -3.30 | -3.39  | -4.28  | -3.48 | -3.06 | -4.18 | -3.54 | -3.24 | -3.07 |
|                                | 0.00  | -0.76 | -0.65 | -0.44 | 0.00  | 0.26  | 31.42 | 34.72 | 23.11 | 14.54 | 17.87 | 16.14 | 20.49 | 31.14 | 20.95 | 26.63 | 32.57  | 32.55  | 44.39 | -0.38 | -0.65 | 13.26 | 13.68 | 0.03  |
| ORANGEVILLE___ESR<br>323794    | 35.93 | 27.46 | 25.65 | 25.70 | 26.98 | 29.05 | 4.01  | 1.00  | 10.05 | 16.49 | 15.84 | 19.85 | 16.31 | 7.95  | 16.51 | 15.26 | 19.60  | 34.52  | 36.90 | 84.64 | 81.90 | 43.22 | 32.21 | 40.68 |
|                                | -2.71 | -2.71 | -2.53 | -2.81 | -3.07 | -3.15 | -3.68 | -3.28 | -2.46 | -2.30 | -2.54 | -2.63 | -2.73 | -2.99 | -3.12 | -3.30 | -3.39  | -4.28  | -3.48 | -3.06 | -4.18 | -3.54 | -3.24 | -3.07 |
|                                | 0.00  | -0.76 | -0.65 | -0.44 | 0.00  | 0.26  | 31.42 | 34.72 | 23.11 | 14.54 | 17.87 | 16.14 | 20.49 | 31.14 | 20.95 | 26.63 | 32.57  | 32.55  | 44.39 | -0.38 | -0.65 | 13.26 | 13.68 | 0.03  |

|   |                        |                         |                         |                         |                        |                        |                        |                         |                        |                        |                        |                        |                        |                         |                         |                         |                         |                          |                          |                          |                           |                         |                         |                        |
|---|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------|------------------------|
| OSWEGATCHIE___HYD<br>24044                    | 37.86<br>-0.77<br>0.00 | 28.91<br>-0.62<br>-0.12 | 27.01<br>-0.63<br>-0.10 | 27.38<br>-0.76<br>-0.07 | 29.15<br>-0.90<br>0.00 | 31.62<br>-0.84<br>0.00 | 37.74<br>-1.37<br>0.00 | 37.21<br>-1.79<br>0.00  | 33.69<br>-1.92<br>0.00 | 31.26<br>-2.07<br>0.00 | 33.89<br>-2.36<br>0.00 | 36.10<br>-2.51<br>0.00 | 36.91<br>-2.61<br>0.00 | 39.40<br>-2.78<br>-0.10 | 37.99<br>-2.60<br>0.00  | 42.38<br>-2.80<br>0.00  | 52.51<br>-3.06<br>0.00  | 67.64<br>-3.71<br>0.00   | 83.81<br>-1.69<br>-0.73  | 87.12<br>-0.87<br>-0.67  | 86.22<br>-0.51<br>-1.30   | 59.30<br>-0.72<br>0.00  | 48.30<br>-0.84<br>0.00  | 43.12<br>-0.66<br>0.00 |
| OSWEGO___5<br>23606                           | 37.82<br>-0.81<br>0.00 | 29.12<br>-0.59<br>-0.30 | 27.21<br>-0.58<br>-0.26 | 27.59<br>-0.64<br>-0.17 | 29.33<br>-0.72<br>0.00 | 31.72<br>-0.75<br>0.00 | 38.25<br>-0.86<br>0.00 | 38.18<br>-0.82<br>0.00  | 34.86<br>-0.75<br>0.00 | 32.62<br>-0.70<br>0.00 | 35.45<br>-0.80<br>0.00 | 37.76<br>-0.85<br>0.00 | 38.54<br>-0.99<br>0.00 | 42.55<br>-1.09<br>-1.56 | 39.57<br>-1.01<br>0.00  | 45.55<br>-1.08<br>-1.45 | 59.33<br>-1.11<br>-4.88 | 80.94<br>-1.43<br>-11.01 | 95.16<br>-1.19<br>-11.56 | 96.90<br>-1.04<br>-10.63 | 104.89<br>-1.20<br>-20.65 | 67.06<br>-1.14<br>-8.18 | 52.50<br>-1.08<br>-4.45 | 42.90<br>-0.88<br>0.00 |
| OSWEGO___6<br>23613                           | 37.82<br>-0.81<br>0.00 | 29.12<br>-0.59<br>-0.30 | 27.21<br>-0.58<br>-0.26 | 27.59<br>-0.64<br>-0.17 | 29.33<br>-0.72<br>0.00 | 31.72<br>-0.75<br>0.00 | 38.25<br>-0.86<br>0.00 | 38.18<br>-0.82<br>0.00  | 34.86<br>-0.75<br>0.00 | 32.62<br>-0.70<br>0.00 | 35.45<br>-0.80<br>0.00 | 37.76<br>-0.85<br>0.00 | 38.54<br>-0.99<br>0.00 | 42.55<br>-1.09<br>-1.56 | 39.57<br>-1.01<br>0.00  | 45.55<br>-1.08<br>-1.45 | 59.33<br>-1.11<br>-4.88 | 80.94<br>-1.43<br>-11.01 | 95.16<br>-1.19<br>-11.56 | 96.90<br>-1.04<br>-10.63 | 104.89<br>-1.20<br>-20.65 | 67.06<br>-1.14<br>-8.18 | 52.50<br>-1.08<br>-4.45 | 42.90<br>-0.88<br>0.00 |
| OUTOKUMPU-AB___DRP<br>24206                   | 35.35<br>-3.28<br>0.00 | 26.86<br>-3.21<br>-0.65 | 25.17<br>-2.92<br>-0.56 | 25.19<br>-3.26<br>-0.38 | 26.47<br>-3.58<br>0.00 | 28.60<br>-3.70<br>0.16 | 25.85<br>-4.03<br>9.23 | 24.75<br>-3.51<br>10.74 | 25.17<br>-2.67<br>7.76 | 26.10<br>-2.33<br>4.89 | 27.70<br>-2.54<br>6.01 | 30.64<br>-2.55<br>5.43 | 29.99<br>-2.65<br>6.89 | 28.62<br>-2.99<br>10.48 | 30.54<br>-3.00<br>7.04  | 32.82<br>-3.12<br>9.25  | 40.93<br>-3.06<br>11.58 | 54.05<br>-4.35<br>12.95  | 67.53<br>-3.65<br>13.60  | 84.00<br>-3.32<br>0.00   | 80.27<br>-5.13<br>0.03    | 49.41<br>-4.50<br>6.11  | 40.45<br>-3.29<br>5.39  | 40.70<br>-3.06<br>0.01 |
| OXBOW___BTM<br>323836                         | 34.94<br>-3.67<br>0.02 | 26.61<br>-3.41<br>-0.61 | 24.91<br>-3.14<br>-0.52 | 24.95<br>-3.45<br>-0.34 | 26.18<br>-3.85<br>0.02 | 28.09<br>-4.22<br>0.16 | 26.30<br>-4.46<br>8.35 | 25.43<br>-4.13<br>9.43  | 25.12<br>-3.49<br>7.00 | 25.75<br>-3.17<br>4.41 | 27.42<br>-3.41<br>5.42 | 30.13<br>-3.59<br>4.89 | 29.56<br>-3.76<br>6.21 | 28.56<br>-4.08<br>9.45  | 30.18<br>-4.06<br>6.35  | 32.42<br>-4.38<br>8.39  | 38.20<br>-4.95<br>12.42 | 51.27<br>-6.56<br>13.52  | 59.92<br>-6.53<br>18.33  | 81.01<br>-6.29<br>0.02   | 77.87<br>-7.52<br>0.05    | 47.96<br>-5.88<br>6.18  | 38.96<br>-4.72<br>5.45  | 40.02<br>-3.72<br>0.03 |
| OXBOW___<br>24026                             | 34.87<br>-3.75<br>0.02 | 26.55<br>-3.47<br>-0.61 | 24.91<br>-3.14<br>-0.52 | 24.95<br>-3.45<br>-0.34 | 26.18<br>-3.85<br>0.02 | 28.12<br>-4.19<br>0.16 | 26.26<br>-4.50<br>8.35 | 25.13<br>-4.13<br>9.74  | 25.08<br>-3.53<br>7.00 | 25.82<br>-3.10<br>4.41 | 27.43<br>-3.41<br>5.42 | 30.17<br>-3.55<br>4.89 | 29.56<br>-3.75<br>6.21 | 28.56<br>-4.08<br>9.45  | 30.18<br>-4.06<br>6.35  | 32.37<br>-4.43<br>8.39  | 38.26<br>-4.89<br>12.42 | 51.27<br>-6.56<br>13.52  | 60.09<br>-6.36<br>18.33  | 81.01<br>-6.29<br>0.02   | 77.69<br>-7.69<br>0.05    | 47.54<br>-6.30<br>6.18  | 38.97<br>-4.72<br>5.45  | 39.94<br>-3.81<br>0.03 |
| OXY_CHEM_DSASP<br>323612                      | 34.79<br>-3.82<br>0.02 | 26.49<br>-3.53<br>-0.61 | 24.85<br>-3.19<br>-0.52 | 24.90<br>-3.51<br>-0.34 | 26.12<br>-3.91<br>0.02 | 28.06<br>-4.25<br>0.16 | 26.18<br>-4.58<br>8.35 | 25.01<br>-4.25<br>9.74  | 25.01<br>-3.60<br>7.00 | 25.72<br>-3.20<br>4.41 | 27.32<br>-3.52<br>5.42 | 30.05<br>-3.67<br>4.89 | 29.44<br>-3.87<br>6.21 | 28.43<br>-4.21<br>9.45  | 30.06<br>-4.18<br>6.35  | 32.24<br>-4.56<br>8.39  | 38.04<br>-5.11<br>12.42 | 50.98<br>-6.85<br>13.52  | 59.75<br>-6.70<br>18.33  | 80.66<br>-6.64<br>0.02   | 77.35<br>-8.03<br>0.05    | 47.30<br>-6.54<br>6.18  | 38.82<br>-4.86<br>5.45  | 39.85<br>-3.90<br>0.03 |
| OZONE_PARK_ESR<br>323760                      | 42.15<br>3.52<br>0.00  | 35.85<br>2.65<br>-3.79  | 33.19<br>2.42<br>-3.24  | 32.62<br>2.36<br>-2.20  | 32.45<br>2.40<br>0.00  | 34.93<br>2.47<br>0.00  | 42.20<br>3.09<br>0.00  | 42.43<br>3.43<br>0.00   | 38.99<br>3.38<br>0.00  | 36.97<br>3.63<br>-0.01 | 40.17<br>3.91<br>-0.01 | 42.95<br>4.32<br>-0.01 | 47.11<br>4.98<br>-2.61 | 53.74<br>5.39<br>-6.26  | 63.53<br>5.07<br>-17.87 | 64.03<br>5.56<br>-13.28 | 91.46<br>6.95<br>-28.95 | 95.65<br>8.99<br>-15.30  | 101.52<br>10.94<br>-5.81 | 98.34<br>11.00<br>-0.01  | 95.18<br>9.74<br>-0.01    | 65.90<br>5.88<br>0.00   | 53.90<br>4.77<br>0.00   | 47.89<br>4.11<br>0.00  |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A<br>345013 | 34.79<br>-3.82<br>0.02 | 26.49<br>-3.53<br>-0.61 | 24.85<br>-3.19<br>-0.52 | 24.90<br>-3.51<br>-0.34 | 26.12<br>-3.91<br>0.02 | 28.06<br>-4.25<br>0.16 | 26.18<br>-4.58<br>8.35 | 25.01<br>-4.25<br>9.74  | 25.01<br>-3.60<br>7.00 | 25.72<br>-3.20<br>4.41 | 27.32<br>-3.52<br>5.42 | 30.05<br>-3.67<br>4.89 | 29.44<br>-3.87<br>6.21 | 28.43<br>-4.21<br>9.45  | 30.06<br>-4.18<br>6.35  | 32.24<br>-4.56<br>8.39  | 38.04<br>-5.11<br>12.42 | 50.98<br>-6.85<br>13.52  | 59.75<br>-6.70<br>18.33  | 80.66<br>-6.64<br>0.02   | 77.35<br>-8.03<br>0.05    | 47.30<br>-6.54<br>6.18  | 38.82<br>-4.86<br>5.45  | 39.85<br>-3.90<br>0.03 |
| PACKARD___115KV_DUPONT_184<br>80571           | 34.87<br>-3.75<br>0.02 | 26.55<br>-3.47<br>-0.61 | 24.86<br>-3.19<br>-0.52 | 24.90<br>-3.51<br>-0.34 | 26.12<br>-3.91<br>0.02 | 28.06<br>-4.25<br>0.16 | 26.22<br>-4.54<br>8.35 | 25.36<br>-4.21<br>9.43  | 25.05<br>-3.56<br>7.00 | 25.69<br>-3.23<br>4.41 | 27.32<br>-3.52<br>5.42 | 30.02<br>-3.71<br>4.89 | 29.44<br>-3.87<br>6.21 | 28.43<br>-4.21<br>9.45  | 30.06<br>-4.18<br>6.35  | 32.24<br>-4.56<br>8.39  | 38.04<br>-5.11<br>12.42 | 50.98<br>-6.85<br>13.52  | 59.58<br>-6.86<br>18.33  | 80.58<br>-6.72<br>0.02   | 77.53<br>-7.86<br>0.05    | 47.78<br>-6.06<br>6.18  | 38.82<br>-4.87<br>5.45  | 39.89<br>-3.85<br>0.03 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J<br>345007     | 42.08<br>3.44<br>-0.01 | 35.77<br>2.56<br>-3.80  | 33.20<br>2.42<br>-3.25  | 32.62<br>2.36<br>-2.21  | 32.49<br>2.43<br>-0.01 | 34.94<br>2.47<br>-0.01 | 41.89<br>2.78<br>0.00  | 41.96<br>2.96<br>0.00   | 38.56<br>2.96<br>0.00  | 36.57<br>3.23<br>-0.01 | 39.74<br>3.48<br>-0.01 | 42.45<br>3.82<br>-0.01 | 46.46<br>4.43<br>-2.52 | 53.04<br>4.67<br>-6.28  | 53.23<br>4.30<br>-8.34  | 58.22<br>4.70<br>-8.33  | 76.61<br>5.83<br>-15.21 | 91.10<br>7.56<br>-12.19  | 97.40<br>9.24<br>-3.38   | 96.41<br>9.08<br>0.00    | 93.38<br>7.94<br>0.00     | 64.88<br>4.86<br>0.00   | 53.36<br>4.23<br>0.00   | 47.71<br>3.94<br>0.00  |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J<br>345019     | 42.81<br>4.17<br>-0.01 | 36.33<br>3.12<br>-3.80  | 33.75<br>2.97<br>-3.25  | 33.16<br>2.89<br>-2.21  | 33.03<br>2.97<br>-0.01 | 35.56<br>3.08<br>-0.01 | 42.67<br>3.56<br>0.00  | 42.70<br>3.70<br>0.00   | 39.24<br>3.63<br>0.00  | 37.20<br>3.87<br>-0.01 | 40.35<br>4.10<br>-0.01 | 43.10<br>4.48<br>-0.01 | 47.18<br>5.14<br>-2.52 | 53.80<br>5.43<br>-6.28  | 53.96<br>5.03<br>-8.34  | 59.03<br>5.51<br>-8.33  | 77.61<br>6.83<br>-15.21 | 92.46<br>8.92<br>-12.19  | 99.01<br>10.85<br>-3.38  | 98.06<br>10.74<br>0.00   | 95.00<br>9.57<br>0.00     | 65.96<br>5.94<br>0.00   | 54.19<br>5.06<br>0.00   | 48.46<br>4.68<br>0.00  |
| PATROON_115KV_TB1<br>80586                    | 39.64<br>1.00<br>0.00  | 34.75<br>0.97<br>-4.36  | 32.25<br>0.99<br>-3.73  | 31.60<br>1.01<br>-2.53  | 31.10<br>1.05<br>0.00  | 33.54<br>1.07<br>0.00  | 40.13<br>1.02<br>0.00  | 39.97<br>0.97<br>0.00   | 36.43<br>0.82<br>0.00  | 33.99<br>0.67<br>0.00  | 37.01<br>0.76<br>0.00  | 39.35<br>0.73<br>0.00  | 40.43<br>0.91<br>0.00  | 43.22<br>1.14<br>0.00   | 41.72<br>1.14<br>0.00   | 46.45<br>1.27<br>0.00   | 56.90<br>1.33<br>0.00   | 73.21<br>1.86<br>0.00    | 87.49<br>2.71<br>0.00    | 90.03<br>2.71<br>0.00    | 88.16<br>2.73<br>0.00     | 61.70<br>1.68<br>0.00   | 50.41<br>1.28<br>0.00   | 44.78<br>1.01<br>0.00  |
| PATTRSNVILLE___SOLAR<br>323815                | 40.06<br>1.43<br>0.00  | 35.18<br>1.21<br>-4.56  | 32.47<br>1.05<br>-3.90  | 31.80<br>1.09<br>-2.64  | 31.19<br>1.14<br>0.00  | 33.67<br>1.20<br>0.00  | 40.48<br>1.37<br>0.00  | 40.17<br>1.17<br>0.00   | 36.36<br>0.75<br>0.00  | 33.83<br>0.50<br>0.00  | 36.76<br>0.51<br>0.00  | 39.04<br>0.43<br>0.00  | 40.07<br>0.55<br>0.00  | 42.76<br>0.67<br>0.00   | 41.23<br>0.65<br>0.00   | 46.00<br>0.81<br>0.00   | 56.79<br>1.22<br>0.00   | 73.42<br>2.07<br>0.00    | 88.42<br>3.64<br>0.00    | 91.51<br>4.19<br>0.00    | 89.53<br>4.10<br>0.00     | 62.66<br>2.64<br>0.00   | 51.20<br>2.06<br>0.00   | 45.53<br>1.75<br>0.00  |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A<br>345030      | 35.16<br>-3.48<br>0.00 | 26.55<br>-3.56<br>-0.70 | 24.83<br>-3.30<br>-0.60 | 24.88<br>-3.59<br>-0.41 | 26.35<br>-3.70<br>0.00 | 28.88<br>-3.44<br>0.14 | 25.24<br>-4.61<br>9.25 | 24.23<br>-3.74<br>11.03 | 25.69<br>-1.67<br>8.24 | 26.74<br>-1.40<br>5.19 | 28.35<br>-1.52<br>6.38 | 31.35<br>-1.51<br>5.76 | 30.63<br>-1.58<br>7.31 | 29.11<br>-1.85<br>11.13 | 31.24<br>-1.87<br>7.48  | 33.57<br>-1.85<br>9.77  | 44.58<br>-1.50<br>9.49  | 57.12<br>-2.85<br>11.37  | 67.69<br>-2.03<br>15.05  | 83.83<br>-3.49<br>0.00   | 80.53<br>-4.87<br>0.03    | 51.19<br>-3.06<br>5.77  | 42.69<br>-2.01<br>4.43  | 40.44<br>-3.33<br>0.01 |

|  |                        |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                          |                          |                        |                        |                        |                        |
|--|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|
| PAWLING_115_KV_BK3_REV_LBMP_H<br>345028      | 41.69<br>3.05<br>0.00  | 35.50<br>2.26<br>-3.82  | 32.95<br>2.15<br>-3.27  | 32.33<br>2.05<br>-2.22  | 32.12<br>2.07<br>0.00  | 34.61<br>2.14<br>0.00  | 41.73<br>2.62<br>0.00  | 41.85<br>2.85<br>0.00  | 38.46<br>2.85<br>0.00  | 36.39<br>3.07<br>0.00  | 39.55<br>3.30<br>0.00  | 42.32<br>3.71<br>0.00  | 44.81<br>4.27<br>-1.02 | 49.06<br>4.67<br>-2.31 | 48.25<br>4.46<br>-3.20  | 52.84<br>5.02<br>-2.63  | 65.61<br>6.45<br>-3.60  | 83.14<br>8.35<br>-3.44  | 95.14<br>10.17<br>-0.18  | 97.54<br>10.22<br>0.00   | 94.48<br>9.06<br>0.00  | 65.36<br>5.34<br>0.00  | 53.26<br>4.13<br>0.00  | 47.32<br>3.55<br>0.00  |
| PEEKSKILL____<br>23653                       | 41.38<br>2.74<br>0.00  | 35.18<br>2.00<br>-3.77  | 32.71<br>1.96<br>-3.22  | 32.13<br>1.88<br>-2.19  | 31.94<br>1.89<br>0.00  | 34.41<br>1.95<br>0.00  | 41.38<br>2.27<br>0.00  | 41.61<br>2.57<br>-0.04 | 38.21<br>2.60<br>0.00  | 36.16<br>2.83<br>0.00  | 39.29<br>3.05<br>0.00  | 42.01<br>3.40<br>0.00  | 46.43<br>3.99<br>-2.92 | 52.98<br>4.29<br>-6.60 | 53.82<br>4.06<br>-9.18  | 56.21<br>4.43<br>-6.59  | 68.17<br>5.56<br>-7.05  | 86.47<br>7.20<br>-7.92  | 92.61<br>8.82<br>0.99    | 96.13<br>8.82<br>0.00    | 93.03<br>7.60<br>0.00  | 64.46<br>4.44<br>0.00  | 52.77<br>3.64<br>0.00  | 46.93<br>3.15<br>0.00  |
| PGE MADISON__WINDPWR<br>24146                | 40.87<br>2.24<br>0.00  | 32.40<br>1.53<br>-1.46  | 30.11<br>1.32<br>-1.25  | 30.09<br>1.18<br>-0.85  | 31.19<br>1.14<br>0.00  | 34.07<br>1.59<br>-0.01 | 42.29<br>1.76<br>-1.42 | 42.54<br>1.87<br>-1.67 | 38.44<br>1.60<br>-1.23 | 35.40<br>1.30<br>-0.77 | 38.51<br>1.30<br>-0.95 | 40.90<br>1.43<br>-0.86 | 42.04<br>1.42<br>-1.09 | 45.24<br>1.35<br>-1.81 | 43.04<br>1.34<br>-1.12  | 48.16<br>1.67<br>-1.30  | 60.77<br>3.72<br>-1.48  | 77.57<br>5.28<br>-0.94  | 97.97<br>9.16<br>-4.04   | 98.43<br>10.13<br>-0.98  | 96.82<br>9.48<br>-1.91 | 65.42<br>5.34<br>-0.06 | 53.04<br>3.54<br>-0.37 | 46.58<br>2.80<br>0.00  |
| PIERCEFIELD____HYD<br>23852                  | 37.63<br>-1.00<br>0.00 | 28.71<br>-0.76<br>-0.06 | 26.82<br>-0.77<br>-0.05 | 27.31<br>-0.79<br>-0.04 | 29.24<br>-0.81<br>0.00 | 31.72<br>-0.75<br>0.00 | 37.74<br>-1.37<br>0.00 | 37.13<br>-1.87<br>0.00 | 33.72<br>-1.89<br>0.00 | 31.36<br>-1.97<br>0.00 | 34.07<br>-2.17<br>0.00 | 36.26<br>-2.36<br>0.00 | 37.07<br>-2.45<br>0.00 | 39.48<br>-2.61<br>0.00 | 38.03<br>-2.56<br>0.00  | 42.38<br>-2.80<br>0.00  | 52.06<br>-3.50<br>0.00  | 66.93<br>-4.42<br>0.00  | 80.45<br>-4.32<br>0.00   | 83.39<br>-3.93<br>0.00   | 82.01<br>-3.42<br>0.00 | 57.68<br>-2.34<br>0.00 | 47.27<br>-1.87<br>0.00 | 42.33<br>-1.44<br>0.00 |
| PINELAWN_CC_I<br>323563                      | 42.32<br>3.67<br>-0.01 | 35.88<br>2.68<br>-3.79  | 33.19<br>2.42<br>-3.24  | 32.62<br>2.36<br>-2.20  | 32.69<br>2.64<br>0.00  | 35.10<br>2.63<br>0.00  | 42.27<br>3.17<br>0.00  | 42.66<br>3.63<br>-0.04 | 38.96<br>3.35<br>0.00  | 36.70<br>3.36<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.83<br>4.21<br>-0.01 | 46.48<br>4.46<br>-2.50 | 52.18<br>4.46<br>-5.64 | 52.52<br>4.10<br>-7.84  | 58.65<br>4.47<br>-8.99  | 78.79<br>5.72<br>-17.50 | 92.57<br>7.49<br>-13.73 | 99.54<br>10.17<br>-4.60  | 97.45<br>10.12<br>-0.01  | 94.16<br>8.72<br>-0.01 | 74.42<br>5.64<br>-8.76 | 53.46<br>4.32<br>-0.01 | 47.99<br>4.20<br>-0.01 |
| PJM_GEN_HTP_PROXY<br>323702                  | 41.80<br>3.17<br>0.00  | 35.50<br>2.30<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.39<br>2.13<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00  | 41.73<br>2.62<br>0.00  | 42.04<br>3.00<br>-0.04 | 38.63<br>3.03<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.85<br>3.59<br>-0.01 | 42.60<br>3.98<br>-0.01 | 46.70<br>4.58<br>-2.60 | 52.64<br>4.96<br>-5.59 | 63.77<br>4.71<br>-18.48 | 63.64<br>5.15<br>-13.30 | 90.92<br>6.39<br>-28.97 | 97.74<br>8.27<br>-18.11 | 98.57<br>10.00<br>-3.79  | 97.37<br>10.04<br>-0.01  | 90.09<br>8.80<br>4.15  | 69.40<br>5.22<br>-4.16 | 54.52<br>4.32<br>-1.06 | 46.44<br>3.72<br>1.06  |
| PJM_GEN_KEystone<br>24065                    | 38.75<br>0.12<br>0.00  | 31.53<br>-0.27<br>-2.39 | 29.38<br>-0.19<br>-2.04 | 29.08<br>-0.37<br>-1.38 | 29.63<br>-0.42<br>0.00 | 32.00<br>-0.42<br>0.04 | 36.48<br>-0.59<br>2.04 | 36.47<br>-0.19<br>2.33 | 33.94<br>0.39<br>2.06  | 32.66<br>0.63<br>1.30  | 35.34<br>0.69<br>1.59  | 38.02<br>0.85<br>1.44  | 40.80<br>1.15<br>-0.13 | 44.39<br>1.22<br>-1.08 | 47.26<br>1.10<br>-5.58  | 49.00<br>1.26<br>-2.55  | 75.00<br>1.89<br>-17.54 | 95.00<br>2.28<br>-21.36 | 130.00<br>3.48<br>-41.75 | 115.00<br>3.23<br>-24.45 | 83.31<br>2.05<br>4.17  | 62.99<br>0.84<br>-2.13 | 49.25<br>0.69<br>0.57  | 43.15<br>0.44<br>1.06  |
| PJM_GEN_NEPTUNE_PROXY<br>323594              | 41.81<br>3.17<br>-0.01 | 35.52<br>2.32<br>-3.79  | 32.89<br>2.12<br>-3.24  | 32.31<br>2.05<br>-2.20  | 32.33<br>2.28<br>0.00  | 34.74<br>2.27<br>0.00  | 41.80<br>2.70<br>0.00  | 42.19<br>3.16<br>-0.04 | 38.53<br>2.92<br>0.00  | 36.36<br>3.03<br>-0.01 | 39.45<br>3.19<br>-0.01 | 42.41<br>3.79<br>-0.01 | 46.09<br>4.07<br>-2.50 | 51.21<br>4.08<br>-5.04 | 52.75<br>3.73<br>-8.43  | 54.85<br>4.07<br>-5.60  | 66.64<br>5.17<br>-5.91  | 87.14<br>6.78<br>-9.01  | 90.57<br>9.08<br>3.29    | 96.31<br>9.00<br>0.01    | 88.95<br>7.69<br>4.17  | 69.80<br>4.86<br>-4.92 | 53.93<br>3.73<br>-1.06 | 46.32<br>3.59<br>1.05  |
| PJM_GEN_VFT_PROXY<br>323633                  | 41.72<br>3.09<br>0.00  | 35.43<br>2.23<br>-3.79  | 32.92<br>2.15<br>-3.24  | 32.33<br>2.08<br>-2.20  | 32.15<br>2.10<br>0.00  | 34.64<br>2.18<br>0.00  | 41.65<br>2.54<br>0.00  | 41.96<br>2.93<br>-0.04 | 38.60<br>2.99<br>0.00  | 36.61<br>3.27<br>-0.01 | 39.78<br>3.52<br>-0.01 | 42.52<br>3.90<br>-0.01 | 46.67<br>4.54<br>-2.61 | 52.67<br>4.92<br>-5.67 | 63.68<br>4.62<br>-18.47 | 63.53<br>5.06<br>-13.28 | 90.79<br>6.28<br>-28.95 | 97.15<br>8.13<br>-17.67 | 98.14<br>9.91<br>-3.45   | 97.28<br>9.95<br>-0.01   | 89.91<br>8.62<br>4.15  | 69.34<br>5.16<br>-4.16 | 54.37<br>4.17<br>-1.06 | 46.35<br>3.63<br>1.06  |
| PLATSBURG_115KV_PMLD1<br>355749              | 38.59<br>-0.04<br>0.00 | 29.35<br>-0.06<br>0.00  | 27.42<br>-0.11<br>0.00  | 27.92<br>-0.14<br>0.00  | 29.99<br>-0.06<br>0.00 | 32.43<br>-0.03<br>0.00 | 39.11<br>0.00<br>0.00  | 38.92<br>-0.08<br>0.00 | 35.57<br>-0.04<br>0.00 | 33.26<br>-0.07<br>0.00 | 36.18<br>-0.07<br>0.00 | 38.57<br>-0.04<br>0.00 | 39.40<br>-0.12<br>0.00 | 41.92<br>-0.17<br>0.00 | 40.34<br>-0.24<br>0.00  | 44.91<br>-0.27<br>0.00  | 54.68<br>-0.89<br>0.00  | 69.71<br>-1.64<br>0.00  | 82.40<br>-2.37<br>0.00   | 84.79<br>-2.53<br>0.00   | 83.04<br>-2.39<br>0.00 | 58.64<br>-1.38<br>0.00 | 48.54<br>-0.59<br>0.00 | 43.21<br>-0.57<br>0.00 |
| PLEASANTVLY____LBMP<br>24000                 | 41.03<br>2.40<br>0.00  | 35.13<br>1.82<br>-3.90  | 32.60<br>1.73<br>-3.33  | 31.98<br>1.66<br>-2.26  | 31.73<br>1.68<br>0.00  | 34.22<br>1.75<br>0.00  | 41.18<br>2.07<br>0.00  | 41.30<br>2.30<br>0.00  | 37.89<br>2.28<br>0.00  | 35.73<br>2.40<br>0.00  | 38.82<br>2.57<br>0.00  | 41.47<br>2.86<br>0.00  | 43.76<br>3.36<br>-0.88 | 47.74<br>3.66<br>-1.99 | 46.80<br>3.45<br>-2.77  | 51.11<br>3.75<br>-2.18  | 62.94<br>4.61<br>-2.77  | 80.11<br>5.99<br>-2.77  | 92.24<br>7.46<br>0.00    | 94.74<br>7.42<br>0.00    | 91.92<br>6.49<br>0.00  | 63.86<br>3.84<br>0.00  | 52.23<br>3.10<br>0.00  | 46.44<br>2.67<br>0.00  |
| PLSNTVLE_13_KV_13.8KVDIST<br>80602           | 41.53<br>2.90<br>0.00  | 35.40<br>2.18<br>-3.81  | 32.85<br>2.07<br>-3.25  | 32.23<br>1.96<br>-2.21  | 32.06<br>2.01<br>0.00  | 34.54<br>2.08<br>0.00  | 41.65<br>2.54<br>0.00  | 41.81<br>2.81<br>0.00  | 38.39<br>2.78<br>0.00  | 36.30<br>2.97<br>0.00  | 39.44<br>3.19<br>0.00  | 42.17<br>3.55<br>-0.01 | 45.49<br>4.11<br>-1.86 | 50.80<br>4.50<br>-4.21 | 50.69<br>4.26<br>-5.85  | 56.33<br>4.65<br>-6.49  | 73.71<br>5.83<br>-12.31 | 88.70<br>7.56<br>-9.79  | 97.10<br>9.24<br>-3.08   | 96.50<br>9.17<br>-0.01   | 93.55<br>8.12<br>-0.01 | 64.76<br>4.74<br>0.00  | 52.97<br>3.83<br>0.00  | 47.06<br>3.28<br>0.00  |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I<br>345020 | 41.53<br>2.90<br>0.00  | 35.40<br>2.18<br>-3.81  | 32.85<br>2.07<br>-3.25  | 32.23<br>1.96<br>-2.21  | 32.06<br>2.01<br>0.00  | 34.54<br>2.08<br>0.00  | 41.65<br>2.54<br>0.00  | 41.81<br>2.81<br>0.00  | 38.39<br>2.78<br>0.00  | 36.30<br>2.97<br>0.00  | 39.44<br>3.19<br>0.00  | 42.17<br>3.55<br>-0.01 | 45.49<br>4.11<br>-1.86 | 50.80<br>4.50<br>-4.21 | 50.69<br>4.26<br>-5.85  | 56.33<br>4.65<br>-6.49  | 73.71<br>5.83<br>-12.31 | 88.70<br>7.56<br>-9.79  | 97.10<br>9.24<br>-3.08   | 96.50<br>9.17<br>-0.01   | 93.55<br>8.12<br>-0.01 | 64.76<br>4.74<br>0.00  | 52.97<br>3.83<br>0.00  | 47.06<br>3.28<br>0.00  |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G<br>345023 | 41.22<br>2.59<br>0.00  | 35.28<br>2.00<br>-3.87  | 32.71<br>1.87<br>-3.31  | 32.10<br>1.80<br>-2.24  | 31.85<br>1.80<br>0.00  | 34.35<br>1.88<br>0.00  | 41.38<br>2.27<br>0.00  | 41.46<br>2.46<br>0.00  | 38.03<br>2.42<br>0.00  | 35.83<br>2.50<br>0.00  | 38.93<br>2.68<br>0.00  | 41.55<br>2.93<br>0.00  | 43.64<br>3.48<br>-0.64 | 47.36<br>3.83<br>-1.44 | 46.24<br>3.65<br>-2.00  | 50.87<br>4.02<br>-1.66  | 62.93<br>5.06<br>-2.31  | 80.39<br>6.85<br>-2.19  | 93.40<br>8.48<br>-0.14   | 95.79<br>8.47<br>0.00    | 92.95<br>7.52<br>0.00  | 64.46<br>4.44<br>0.00  | 52.67<br>3.54<br>0.00  | 46.79<br>3.02<br>0.00  |
| POLETTI____<br>23519                         | 41.80<br>3.17<br>0.00  | 35.55<br>2.35<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.39<br>2.13<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.71<br>2.24<br>0.00  | 41.85<br>2.74<br>0.00  | 42.04<br>3.04<br>0.00  | 38.64<br>3.03<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.64<br>4.51<br>-2.61 | 53.26<br>4.88<br>-6.29 | 63.03<br>4.59<br>-17.86 | 63.52<br>5.06<br>-13.27 | 90.73<br>6.22<br>-28.94 | 94.53<br>8.06<br>-15.12 | 100.28<br>9.83<br>-5.66  | 97.11<br>9.78<br>-0.01   | 94.07<br>8.63<br>-0.01 | 65.18<br>5.16<br>0.00  | 53.36<br>4.23<br>0.00  | 47.45<br>3.68<br>0.00  |

|                              |                        |                         |                         |                         |                        |                         |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                        |                        |                        |                        |                        |                        |
|------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| POMONA___ESR<br>323819       | 41.38<br>2.74<br>0.00  | 35.14<br>2.00<br>-3.73  | 32.64<br>1.93<br>-3.18  | 32.07<br>1.85<br>-2.16  | 31.94<br>1.89<br>0.00  | 34.41<br>1.95<br>0.00   | 41.38<br>2.27<br>0.00  | 41.61<br>2.57<br>-0.04 | 38.21<br>2.60<br>0.00  | 36.16<br>2.83<br>0.00  | 39.29<br>3.05<br>0.00  | 42.01<br>3.40<br>0.00  | 48.14<br>3.99<br>-4.63 | 56.84<br>4.29<br>-10.46 | 59.23<br>4.10<br>-14.55 | 60.51<br>4.38<br>-10.94 | 73.94<br>5.50<br>-12.87 | 92.04<br>7.13<br>-13.55 | 92.82<br>8.82<br>0.78  | 96.05<br>8.73<br>0.00  | 93.03<br>7.60<br>0.00  | 64.46<br>4.44<br>0.00  | 52.72<br>3.58<br>0.00  | 46.93<br>3.15<br>0.00  |
| PORT_JEFF_3<br>23555         | 42.35<br>3.71<br>-0.01 | 35.94<br>2.74<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.64<br>2.38<br>-2.20  | 32.78<br>2.73<br>0.00  | 35.19<br>2.73<br>0.00   | 42.35<br>3.24<br>0.00  | 42.78<br>3.74<br>-0.04 | 38.92<br>3.31<br>0.00  | 36.70<br>3.36<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.87<br>4.25<br>-0.01 | 46.37<br>4.35<br>-2.50 | 51.97<br>4.25<br>-5.64  | 52.28<br>3.86<br>-7.84  | 56.07<br>4.25<br>-6.63  | 70.13<br>5.11<br>-9.46  | 86.59<br>6.42<br>-8.81  | 94.44<br>8.90<br>-0.77 | 96.13<br>8.82<br>0.00  | 92.85<br>7.43<br>0.00  | 68.41<br>5.10<br>-3.29 | 53.27<br>4.13<br>0.00  | 47.86<br>4.07<br>-0.01 |
| PORT_JEFF_4<br>23616         | 42.35<br>3.71<br>-0.01 | 35.94<br>2.74<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.64<br>2.38<br>-2.20  | 32.78<br>2.73<br>0.00  | 35.19<br>2.73<br>0.00   | 42.35<br>3.24<br>0.00  | 42.78<br>3.74<br>-0.04 | 38.92<br>3.31<br>0.00  | 36.70<br>3.36<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.87<br>4.25<br>-0.01 | 46.37<br>4.35<br>-2.50 | 51.97<br>4.25<br>-5.64  | 52.28<br>3.86<br>-7.84  | 56.07<br>4.25<br>-6.63  | 70.13<br>5.11<br>-9.46  | 86.59<br>6.42<br>-8.81  | 94.44<br>8.90<br>-0.77 | 96.13<br>8.82<br>0.00  | 92.85<br>7.43<br>0.00  | 68.41<br>5.10<br>-3.29 | 53.27<br>4.13<br>0.00  | 47.86<br>4.07<br>-0.01 |
| PORT_JEFF_IC<br>23713        | 42.43<br>3.79<br>-0.01 | 36.02<br>2.82<br>-3.79  | 33.28<br>2.51<br>-3.24  | 32.70<br>2.44<br>-2.20  | 32.84<br>2.79<br>0.00  | 35.23<br>2.76<br>0.00   | 42.67<br>3.56<br>0.00  | 42.86<br>3.86<br>0.00  | 38.99<br>3.38<br>0.00  | 36.70<br>3.37<br>-0.01 | 39.84<br>3.59<br>-0.01 | 42.91<br>4.29<br>-0.01 | 46.41<br>4.39<br>-2.50 | 51.98<br>4.25<br>-5.64  | 52.32<br>3.90<br>-7.84  | 56.23<br>4.34<br>-6.70  | 70.53<br>5.28<br>-9.69  | 86.66<br>6.35<br>-8.96  | 94.47<br>8.82<br>-0.88 | 96.05<br>8.73<br>0.00  | 93.11<br>7.69<br>0.00  | 68.75<br>5.28<br>-3.45 | 53.36<br>4.23<br>0.00  | 47.94<br>4.16<br>-0.01 |
| PPL PILGRIM_ST_GT1<br>24216  | 42.51<br>3.86<br>-0.01 | 36.02<br>2.82<br>-3.79  | 33.33<br>2.56<br>-3.24  | 32.75<br>2.50<br>-2.20  | 32.87<br>2.82<br>0.00  | 35.26<br>2.79<br>0.00   | 42.47<br>3.36<br>0.00  | 42.90<br>3.86<br>-0.04 | 39.10<br>3.49<br>0.00  | 36.83<br>3.50<br>-0.01 | 39.99<br>3.73<br>-0.01 | 43.06<br>4.44<br>-0.01 | 46.64<br>4.62<br>-2.50 | 52.23<br>4.51<br>-5.64  | 52.52<br>4.10<br>-7.84  | 56.75<br>4.56<br>-7.00  | 71.89<br>5.61<br>-10.71 | 88.22<br>7.28<br>-9.58  | 96.06<br>9.91<br>-1.36 | 97.18<br>9.86<br>0.00  | 93.89<br>8.46<br>0.00  | 69.65<br>5.46<br>-4.17 | 53.51<br>4.37<br>0.00  | 48.16<br>4.38<br>-0.01 |
| PPL PILGRIM_ST_GT2<br>24217  | 42.51<br>3.86<br>-0.01 | 36.02<br>2.82<br>-3.79  | 33.33<br>2.56<br>-3.24  | 32.75<br>2.50<br>-2.20  | 32.87<br>2.82<br>0.00  | 35.26<br>2.79<br>0.00   | 42.47<br>3.36<br>0.00  | 42.90<br>3.86<br>-0.04 | 39.10<br>3.49<br>0.00  | 36.83<br>3.50<br>-0.01 | 39.99<br>3.73<br>-0.01 | 43.06<br>4.44<br>-0.01 | 46.64<br>4.62<br>-2.50 | 52.23<br>4.51<br>-5.64  | 52.52<br>4.10<br>-7.84  | 56.75<br>4.56<br>-7.00  | 71.89<br>5.61<br>-10.71 | 88.22<br>7.28<br>-9.58  | 96.06<br>9.91<br>-1.36 | 97.18<br>9.86<br>0.00  | 93.89<br>8.46<br>0.00  | 69.65<br>5.46<br>-4.17 | 53.51<br>4.37<br>0.00  | 48.16<br>4.38<br>-0.01 |
| PPL_SHRM_GT3<br>24213        | 42.04<br>3.40<br>-0.01 | 35.85<br>2.65<br>-3.79  | 33.11<br>2.34<br>-3.24  | 32.56<br>2.30<br>-2.20  | 32.72<br>2.67<br>0.00  | 35.09<br>2.63<br>0.00   | 42.20<br>3.09<br>0.00  | 42.70<br>3.66<br>-0.04 | 38.63<br>3.03<br>0.00  | 36.43<br>3.10<br>-0.01 | 39.45<br>3.19<br>-0.01 | 42.52<br>3.90<br>-0.01 | 45.97<br>3.95<br>-2.50 | 51.55<br>3.83<br>-5.64  | 51.91<br>3.49<br>-7.84  | 55.78<br>3.93<br>-6.67  | 70.14<br>5.00<br>-9.57  | 86.73<br>6.49<br>-8.88  | 94.67<br>9.08<br>-0.82 | 96.40<br>9.08<br>0.00  | 93.12<br>7.69<br>0.00  | 68.43<br>5.04<br>-3.36 | 52.97<br>3.83<br>0.00  | 47.50<br>3.72<br>-0.01 |
| PPL_SHRM_GT4<br>24214        | 42.04<br>3.40<br>-0.01 | 35.85<br>2.65<br>-3.79  | 33.11<br>2.34<br>-3.24  | 32.56<br>2.30<br>-2.20  | 32.72<br>2.67<br>0.00  | 35.09<br>2.63<br>0.00   | 42.20<br>3.09<br>0.00  | 42.70<br>3.66<br>-0.04 | 38.63<br>3.03<br>0.00  | 36.43<br>3.10<br>-0.01 | 39.45<br>3.19<br>-0.01 | 42.52<br>3.90<br>-0.01 | 45.97<br>3.95<br>-2.50 | 51.55<br>3.83<br>-5.64  | 51.91<br>3.49<br>-7.84  | 55.78<br>3.93<br>-6.67  | 70.14<br>5.00<br>-9.57  | 86.73<br>6.49<br>-8.88  | 94.67<br>9.08<br>-0.82 | 96.40<br>9.08<br>0.00  | 93.12<br>7.69<br>0.00  | 68.43<br>5.04<br>-3.36 | 52.97<br>3.83<br>0.00  | 47.50<br>3.72<br>-0.01 |
| PROJECT___ORANGE 1<br>24174  | 38.25<br>-0.39<br>0.00 | 29.49<br>-0.29<br>-0.38 | 27.55<br>-0.30<br>-0.32 | 27.94<br>-0.34<br>-0.22 | 29.66<br>-0.39<br>0.00 | 32.08<br>-0.39<br>0.00  | 38.68<br>-0.43<br>0.00 | 38.65<br>-0.35<br>0.00 | 35.32<br>-0.28<br>0.00 | 33.09<br>-0.23<br>0.00 | 35.96<br>-0.29<br>0.00 | 38.34<br>-0.27<br>0.00 | 39.17<br>-0.36<br>0.00 | 41.91<br>-0.38<br>-0.20 | 40.26<br>-0.32<br>0.00  | 44.70<br>-0.27<br>0.21  | 54.80<br>-0.06<br>0.71  | 69.69<br>-0.07<br>1.59  | 86.87<br>0.59<br>-1.50 | 89.40<br>0.70<br>-1.38 | 88.62<br>0.51<br>-2.68 | 58.72<br>-0.12<br>1.18 | 48.24<br>-0.25<br>0.64 | 43.56<br>-0.22<br>0.00 |
| PROJECT___ORANGE 2<br>24166  | 38.25<br>-0.39<br>0.00 | 29.49<br>-0.29<br>-0.38 | 27.55<br>-0.30<br>-0.32 | 27.94<br>-0.34<br>-0.22 | 29.66<br>-0.39<br>0.00 | 32.08<br>-0.39<br>0.00  | 38.68<br>-0.43<br>0.00 | 38.65<br>-0.35<br>0.00 | 35.32<br>-0.28<br>0.00 | 33.09<br>-0.23<br>0.00 | 35.96<br>-0.29<br>0.00 | 38.34<br>-0.27<br>0.00 | 39.17<br>-0.36<br>0.00 | 41.91<br>-0.38<br>-0.20 | 40.26<br>-0.32<br>0.00  | 44.70<br>-0.27<br>0.21  | 54.80<br>-0.06<br>0.71  | 69.69<br>-0.07<br>1.59  | 86.87<br>0.59<br>-1.50 | 89.40<br>0.70<br>-1.38 | 88.62<br>0.51<br>-2.68 | 58.72<br>-0.12<br>1.18 | 48.24<br>-0.25<br>0.64 | 43.56<br>-0.22<br>0.00 |
| PUCKETT___SOLAR<br>323809    | 39.25<br>0.62<br>0.00  | 31.18<br>0.32<br>-1.45  | 29.05<br>0.28<br>-1.24  | 29.10<br>0.20<br>-0.84  | 30.23<br>0.18<br>0.00  | 32.81<br>0.36<br>0.01   | 39.42<br>0.31<br>0.00  | 39.74<br>0.47<br>-0.27 | 36.22<br>0.60<br>0.00  | 33.86<br>0.53<br>0.00  | 36.72<br>0.47<br>0.00  | 39.15<br>0.54<br>0.00  | 40.15<br>0.63<br>0.00  | 42.86<br>0.63<br>-0.14  | 41.20<br>0.61<br>0.00   | 45.93<br>0.86<br>0.11   | 57.01<br>1.72<br>0.28   | 72.93<br>2.35<br>0.77   | 90.44<br>4.24<br>-1.43 | 92.78<br>4.54<br>-0.92 | 91.23<br>4.02<br>-1.79 | 61.57<br>2.16<br>0.61  | 50.32<br>1.52<br>0.34  | 44.87<br>1.09<br>0.00  |
| PYRITES___HYD<br>24023       | 38.17<br>-0.46<br>0.00 | 29.12<br>-0.35<br>-0.06 | 27.20<br>-0.39<br>-0.05 | 27.70<br>-0.39<br>-0.03 | 29.69<br>-0.36<br>0.00 | 32.24<br>-0.23<br>0.00  | 38.48<br>-0.63<br>0.00 | 37.91<br>-1.09<br>0.00 | 34.33<br>-1.28<br>0.00 | 31.89<br>-1.43<br>0.00 | 34.58<br>-1.67<br>0.00 | 36.80<br>-1.81<br>0.00 | 37.62<br>-1.90<br>0.00 | 40.06<br>-2.02<br>0.00  | 38.64<br>-1.95<br>0.00  | 43.02<br>-2.17<br>0.00  | 52.84<br>-2.72<br>0.00  | 68.14<br>-3.21<br>0.00  | 81.98<br>-2.80<br>0.00 | 85.31<br>-2.01<br>0.00 | 83.89<br>-1.54<br>0.00 | 59.06<br>-0.96<br>0.00 | 48.35<br>-0.79<br>0.00 | 43.21<br>-0.57<br>0.00 |
| QUAKERRD_115KV_BK1<br>80622  | 36.66<br>-1.97<br>0.00 | 28.22<br>-1.68<br>-0.49 | 26.41<br>-1.54<br>-0.42 | 26.63<br>-1.71<br>-0.28 | 28.09<br>-1.95<br>0.00 | 30.31<br>-2.18<br>-0.02 | 36.88<br>-2.23<br>0.00 | 36.85<br>-2.07<br>0.08 | 33.61<br>-1.99<br>0.00 | 31.49<br>-1.83<br>0.00 | 34.22<br>-2.03<br>0.00 | 36.53<br>-2.09<br>0.00 | 37.35<br>-2.17<br>0.00 | 39.77<br>-2.31<br>0.00  | 38.39<br>-2.19<br>0.00  | 42.53<br>-2.17<br>0.49  | 51.70<br>-2.22<br>1.64  | 64.93<br>-2.71<br>3.71  | 82.57<br>-2.20<br>0.00 | 85.49<br>-1.83<br>0.00 | 82.95<br>-2.48<br>0.00 | 54.51<br>-2.76<br>2.75 | 45.23<br>-2.41<br>1.50 | 42.02<br>-1.75<br>0.00 |
| QUENSBRY_115KV_TB8<br>356137 | 40.91<br>2.28<br>0.00  | 35.86<br>2.00<br>-4.45  | 33.02<br>1.68<br>-3.80  | 32.41<br>1.77<br>-2.58  | 31.94<br>1.89<br>0.00  | 34.41<br>1.95<br>0.00   | 41.38<br>2.27<br>0.00  | 41.18<br>2.18<br>0.00  | 37.21<br>1.60<br>0.00  | 34.56<br>1.23<br>0.00  | 37.66<br>1.41<br>0.00  | 39.96<br>1.35<br>0.00  | 40.94<br>1.42<br>0.00  | 43.81<br>1.73<br>0.00   | 42.25<br>1.66<br>0.00   | 46.32<br>1.13<br>0.00   | 57.23<br>1.67<br>0.00   | 73.85<br>2.50<br>0.00   | 89.02<br>4.24<br>0.00  | 91.95<br>4.63<br>0.00  | 90.21<br>4.78<br>0.00  | 63.26<br>3.24<br>0.00  | 51.44<br>2.31<br>0.00  | 46.58<br>2.80<br>0.00  |
| RAMAPO___LBMP<br>323565      | 41.26<br>2.63<br>0.00  | 35.06<br>1.94<br>-3.71  | 32.55<br>1.84<br>-3.17  | 31.98<br>1.77<br>-2.15  | 31.85<br>1.80<br>0.00  | 34.32<br>1.85<br>0.00   | 41.34<br>2.23<br>0.00  | 41.53<br>2.53<br>0.00  | 38.10<br>2.49<br>0.00  | 36.02<br>2.70<br>0.00  | 39.15<br>2.90<br>0.00  | 41.85<br>3.24<br>0.00  | 47.33<br>3.79<br>-4.01 | 55.28<br>4.12<br>-9.07  | 57.06<br>3.86<br>-12.62 | 58.84<br>4.20<br>-9.45  | 71.82<br>5.22<br>-11.04 | 89.88<br>6.85<br>-11.68 | 92.44<br>8.39<br>0.73  | 95.70<br>8.38<br>0.00  | 92.77<br>7.35<br>0.00  | 64.28<br>4.26<br>0.00  | 52.52<br>3.39<br>0.00  | 46.79<br>3.02<br>0.00  |



|                           |                        |                         |                         |                         |                        |                        |                         |                         |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                          |                         |                        |                        |                        |                        |
|---------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| RANKINE____<br>23646      | 35.31<br>-3.32<br>0.00 | 26.80<br>-3.29<br>-0.69 | 25.12<br>-3.00<br>-0.59 | 25.15<br>-3.31<br>-0.40 | 26.47<br>-3.58<br>0.00 | 28.65<br>-3.67<br>0.15 | 24.05<br>-4.34<br>10.71 | 22.76<br>-3.74<br>12.50 | 23.93<br>-2.60<br>9.08 | 25.34<br>-2.27<br>5.72 | 26.76<br>-2.46<br>7.02 | 29.76<br>-2.51<br>6.34 | 28.86<br>-2.61<br>8.05 | 26.89<br>-2.95<br>12.25 | 29.39<br>-2.96<br>8.23  | 31.39<br>-3.07<br>10.72 | 40.03<br>-3.00<br>12.54 | 53.06<br>-4.35<br>13.94 | 65.00<br>-3.65<br>16.13  | 83.39<br>-3.93<br>0.00  | 79.93<br>-5.47<br>0.03 | 49.11<br>-4.38<br>6.53 | 40.09<br>-3.29<br>5.75 | 40.48<br>-3.28<br>0.01 |
| RAVENSWOOD_GT2_1<br>24244 | 41.80<br>3.17<br>0.00  | 35.55<br>2.35<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.39<br>2.13<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.71<br>2.24<br>0.00  | 41.85<br>2.74<br>0.00   | 42.08<br>3.08<br>0.00   | 38.64<br>3.03<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.64<br>4.51<br>-2.61 | 53.28<br>4.88<br>-6.31  | 63.03<br>4.59<br>-17.86 | 63.47<br>5.02<br>-13.27 | 90.73<br>6.22<br>-28.94 | 94.44<br>8.06<br>-15.02 | 100.21<br>9.83<br>-5.59  | 97.11<br>9.78<br>-0.01  | 94.07<br>8.63<br>-0.01 | 65.18<br>5.16<br>0.00  | 53.36<br>4.23<br>0.00  | 47.45<br>3.68<br>0.00  |
| RAVENSWOOD_GT2_2<br>24245 | 41.80<br>3.17<br>0.00  | 35.55<br>2.35<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.39<br>2.13<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.71<br>2.24<br>0.00  | 41.85<br>2.74<br>0.00   | 42.08<br>3.08<br>0.00   | 38.64<br>3.03<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.64<br>4.51<br>-2.61 | 53.28<br>4.88<br>-6.31  | 63.03<br>4.59<br>-17.86 | 63.47<br>5.02<br>-13.27 | 90.73<br>6.22<br>-28.94 | 94.44<br>8.06<br>-15.02 | 100.21<br>9.83<br>-5.59  | 97.11<br>9.78<br>-0.01  | 94.07<br>8.63<br>-0.01 | 65.18<br>5.16<br>0.00  | 53.36<br>4.23<br>0.00  | 47.45<br>3.68<br>0.00  |
| RAVENSWOOD_GT2_3<br>24246 | 41.84<br>3.21<br>0.00  | 35.55<br>2.35<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.71<br>2.24<br>0.00  | 41.85<br>2.74<br>0.00   | 42.08<br>3.08<br>0.00   | 38.67<br>3.06<br>0.00  | 36.63<br>3.30<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.68<br>4.54<br>-2.61 | 53.32<br>4.92<br>-6.31  | 63.07<br>4.63<br>-17.86 | 63.52<br>5.06<br>-13.27 | 90.78<br>6.28<br>-28.94 | 94.51<br>8.13<br>-15.02 | 100.29<br>9.92<br>-5.59  | 97.20<br>9.87<br>-0.01  | 94.16<br>8.71<br>-0.01 | 65.24<br>5.22<br>0.00  | 53.41<br>4.27<br>0.00  | 47.45<br>3.68<br>0.00  |
| RAVENSWOOD_GT2_4<br>24247 | 41.84<br>3.21<br>0.00  | 35.55<br>2.35<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.71<br>2.24<br>0.00  | 41.85<br>2.74<br>0.00   | 42.08<br>3.08<br>0.00   | 38.67<br>3.06<br>0.00  | 36.63<br>3.30<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.68<br>4.54<br>-2.61 | 53.32<br>4.92<br>-6.31  | 63.07<br>4.63<br>-17.86 | 63.52<br>5.06<br>-13.27 | 90.78<br>6.28<br>-28.94 | 94.51<br>8.13<br>-15.02 | 100.29<br>9.92<br>-5.59  | 97.20<br>9.87<br>-0.01  | 94.16<br>8.71<br>-0.01 | 65.24<br>5.22<br>0.00  | 53.41<br>4.27<br>0.00  | 47.45<br>3.68<br>0.00  |
| RAVENSWOOD_GT3_1<br>24248 | 41.80<br>3.17<br>0.00  | 35.55<br>2.35<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.71<br>2.24<br>0.00  | 41.85<br>2.74<br>0.00   | 42.08<br>3.08<br>0.00   | 38.67<br>3.06<br>0.00  | 36.63<br>3.30<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.68<br>4.54<br>-2.61 | 53.28<br>4.88<br>-6.31  | 63.07<br>4.63<br>-17.86 | 63.52<br>5.06<br>-13.27 | 90.78<br>6.28<br>-28.94 | 94.49<br>8.13<br>-15.00 | 100.19<br>9.83<br>-5.58  | 97.20<br>9.87<br>-0.01  | 94.16<br>8.71<br>-0.01 | 65.18<br>5.16<br>0.00  | 53.36<br>4.23<br>0.00  | 47.45<br>3.68<br>0.00  |
| RAVENSWOOD_GT3_2<br>24249 | 41.80<br>3.17<br>0.00  | 35.55<br>2.35<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.71<br>2.24<br>0.00  | 41.85<br>2.74<br>0.00   | 42.08<br>3.08<br>0.00   | 38.67<br>3.06<br>0.00  | 36.63<br>3.30<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.68<br>4.54<br>-2.61 | 53.28<br>4.88<br>-6.31  | 63.07<br>4.63<br>-17.86 | 63.52<br>5.06<br>-13.27 | 90.78<br>6.28<br>-28.94 | 94.49<br>8.13<br>-15.00 | 100.19<br>9.83<br>-5.58  | 97.20<br>9.87<br>-0.01  | 94.16<br>8.71<br>-0.01 | 65.18<br>5.16<br>0.00  | 53.36<br>4.23<br>0.00  | 47.45<br>3.68<br>0.00  |
| RAVENSWOOD_GT3_3<br>24250 | 41.88<br>3.25<br>0.00  | 35.61<br>2.41<br>-3.79  | 33.03<br>2.26<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.27<br>2.22<br>0.00  | 34.77<br>2.31<br>0.00  | 41.92<br>2.82<br>0.00   | 42.16<br>3.16<br>0.00   | 38.74<br>3.13<br>0.00  | 36.70<br>3.37<br>-0.01 | 39.88<br>3.62<br>-0.01 | 42.64<br>4.02<br>-0.01 | 46.76<br>4.62<br>-2.61 | 53.40<br>5.01<br>-6.31  | 63.15<br>4.71<br>-17.86 | 63.61<br>5.15<br>-13.27 | 90.89<br>6.39<br>-28.94 | 94.63<br>8.28<br>-15.01 | 100.45<br>10.09<br>-5.58 | 97.37<br>10.04<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.30<br>5.28<br>0.00  | 53.46<br>4.32<br>0.00  | 47.54<br>3.76<br>0.00  |
| RAVENSWOOD_GT3_4<br>24251 | 41.88<br>3.25<br>0.00  | 35.61<br>2.41<br>-3.79  | 33.03<br>2.26<br>-3.24  | 32.45<br>2.19<br>-2.20  | 32.27<br>2.22<br>0.00  | 34.77<br>2.31<br>0.00  | 41.92<br>2.82<br>0.00   | 42.16<br>3.16<br>0.00   | 38.74<br>3.13<br>0.00  | 36.70<br>3.37<br>-0.01 | 39.88<br>3.62<br>-0.01 | 42.64<br>4.02<br>-0.01 | 46.76<br>4.62<br>-2.61 | 53.40<br>5.01<br>-6.31  | 63.15<br>4.71<br>-17.86 | 63.61<br>5.15<br>-13.27 | 90.89<br>6.39<br>-28.94 | 94.63<br>8.28<br>-15.01 | 100.45<br>10.09<br>-5.58 | 97.37<br>10.04<br>-0.01 | 94.33<br>8.88<br>-0.01 | 65.30<br>5.28<br>0.00  | 53.46<br>4.32<br>0.00  | 47.54<br>3.76<br>0.00  |
| RAVENSWOOD_GT_1<br>23729  | 41.96<br>3.32<br>0.00  | 35.67<br>2.47<br>-3.79  | 33.12<br>2.34<br>-3.25  | 32.54<br>2.27<br>-2.21  | 32.40<br>2.34<br>-0.01 | 34.84<br>2.37<br>0.00  | 41.93<br>2.82<br>0.00   | 42.16<br>3.16<br>0.00   | 38.74<br>3.13<br>0.00  | 36.77<br>3.43<br>-0.01 | 39.92<br>3.66<br>-0.01 | 42.68<br>4.05<br>-0.01 | 46.80<br>4.66<br>-2.61 | 53.32<br>4.92<br>-6.31  | 63.03<br>4.59<br>-17.86 | 63.47<br>5.02<br>-13.27 | 90.73<br>6.22<br>-28.94 | 94.39<br>8.06<br>-14.97 | 100.16<br>9.83<br>-5.55  | 97.03<br>9.69<br>-0.01  | 93.90<br>8.46<br>-0.01 | 65.12<br>5.10<br>0.00  | 53.46<br>4.32<br>0.00  | 47.58<br>3.81<br>0.00  |
| RAVENSWOOD_GT_10<br>24258 | 41.80<br>3.17<br>0.00  | 35.55<br>2.35<br>-3.79  | 32.97<br>2.20<br>-3.24  | 32.39<br>2.13<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.71<br>2.24<br>0.00  | 41.85<br>2.74<br>0.00   | 42.08<br>3.08<br>0.00   | 38.64<br>3.03<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.64<br>4.51<br>-2.61 | 53.28<br>4.88<br>-6.31  | 63.03<br>4.59<br>-17.86 | 63.52<br>5.06<br>-13.27 | 90.73<br>6.22<br>-28.94 | 94.44<br>8.06<br>-15.02 | 100.20<br>9.83<br>-5.59  | 97.20<br>9.87<br>-0.01  | 94.07<br>8.63<br>-0.01 | 65.18<br>5.16<br>0.00  | 53.36<br>4.23<br>0.00  | 47.45<br>3.68<br>0.00  |
| RAVENSWOOD_GT_11<br>24259 | 41.80<br>3.17<br>0.00  | 35.55<br>2.35<br>-3.79  | 32.97<br>2.20<br>-3.24  | 32.39<br>2.13<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.71<br>2.24<br>0.00  | 41.85<br>2.74<br>0.00   | 42.08<br>3.08<br>0.00   | 38.64<br>3.03<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.64<br>4.51<br>-2.61 | 53.28<br>4.88<br>-6.31  | 63.03<br>4.59<br>-17.86 | 63.52<br>5.06<br>-13.27 | 90.73<br>6.22<br>-28.94 | 94.44<br>8.06<br>-15.02 | 100.20<br>9.83<br>-5.59  | 97.20<br>9.87<br>-0.01  | 94.07<br>8.63<br>-0.01 | 65.18<br>5.16<br>0.00  | 53.36<br>4.23<br>0.00  | 47.45<br>3.68<br>0.00  |
| RAVENSWOOD_GT_4<br>24252  | 41.84<br>3.21<br>0.00  | 35.58<br>2.38<br>-3.79  | 33.04<br>2.26<br>-3.24  | 32.45<br>2.19<br>-2.21  | 32.28<br>2.22<br>-0.01 | 34.74<br>2.27<br>0.00  | 41.84<br>2.74<br>0.00   | 42.08<br>3.08<br>0.00   | 38.67<br>3.06<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.84<br>3.59<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.68<br>4.54<br>-2.61 | 53.28<br>4.88<br>-6.31  | 63.03<br>4.59<br>-17.86 | 63.47<br>5.02<br>-13.27 | 90.73<br>6.22<br>-28.94 | 94.47<br>8.06<br>-15.06 | 100.23<br>9.83<br>-5.62  | 97.11<br>9.78<br>-0.01  | 93.98<br>8.54<br>-0.01 | 65.12<br>5.10<br>0.00  | 53.36<br>4.23<br>0.00  | 47.49<br>3.72<br>0.00  |
| RAVENSWOOD_GT_5<br>24254  | 41.84<br>3.21<br>0.00  | 35.58<br>2.38<br>-3.79  | 33.04<br>2.26<br>-3.24  | 32.45<br>2.19<br>-2.21  | 32.28<br>2.22<br>-0.01 | 34.74<br>2.27<br>0.00  | 41.84<br>2.74<br>0.00   | 42.08<br>3.08<br>0.00   | 38.67<br>3.06<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.84<br>3.59<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.68<br>4.54<br>-2.61 | 53.28<br>4.88<br>-6.31  | 63.03<br>4.59<br>-17.86 | 63.47<br>5.02<br>-13.27 | 90.73<br>6.22<br>-28.94 | 94.47<br>8.06<br>-15.06 | 100.23<br>9.83<br>-5.62  | 97.11<br>9.78<br>-0.01  | 93.98<br>8.54<br>-0.01 | 65.12<br>5.10<br>0.00  | 53.36<br>4.23<br>0.00  | 47.49<br>3.72<br>0.00  |
| RAVENSWOOD_GT_6<br>24253  | 41.84<br>3.21<br>0.00  | 35.58<br>2.38<br>-3.79  | 33.04<br>2.26<br>-3.24  | 32.45<br>2.19<br>-2.21  | 32.28<br>2.22<br>-0.01 | 34.74<br>2.27<br>0.00  | 41.84<br>2.74<br>0.00   | 42.08<br>3.08<br>0.00   | 38.67<br>3.06<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.84<br>3.59<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.68<br>4.54<br>-2.61 | 53.28<br>4.88<br>-6.31  | 63.03<br>4.59<br>-17.86 | 63.47<br>5.02<br>-13.27 | 90.73<br>6.22<br>-28.94 | 94.47<br>8.06<br>-15.06 | 100.23<br>9.83<br>-5.62  | 97.11<br>9.78<br>-0.01  | 93.98<br>8.54<br>-0.01 | 65.12<br>5.10<br>0.00  | 53.36<br>4.23<br>0.00  | 47.49<br>3.72<br>0.00  |

|   |                        |                         |                         |                         |                        |                         |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                          |                         |                        |                        |                        |                        |
|---|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD_GT_7<br>24255                | 41.84<br>3.21<br>0.00  | 35.58<br>2.38<br>-3.79  | 33.04<br>2.26<br>-3.24  | 32.45<br>2.19<br>-2.21  | 32.28<br>2.22<br>-0.01 | 34.74<br>2.27<br>0.00   | 41.84<br>2.74<br>0.00  | 42.08<br>3.08<br>0.00  | 38.67<br>3.06<br>0.00  | 36.67<br>3.33<br>-0.01 | 39.84<br>3.59<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.68<br>4.54<br>-2.61 | 53.28<br>4.88<br>-6.31  | 63.03<br>4.59<br>-17.86 | 63.47<br>5.02<br>-13.27 | 90.73<br>6.22<br>-28.94 | 94.47<br>8.06<br>-15.06 | 100.23<br>9.83<br>-5.62  | 97.11<br>9.78<br>-0.01  | 93.98<br>8.54<br>-0.01 | 65.12<br>5.10<br>0.00  | 53.36<br>4.23<br>0.00  | 47.49<br>3.72<br>0.00  |
| RAVENSWOOD_GT_8 TEMP GRP(8-11)<br>24256 | 41.80<br>3.17<br>0.00  | 35.55<br>2.35<br>-3.79  | 32.97<br>2.20<br>-3.24  | 32.39<br>2.13<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.71<br>2.24<br>0.00   | 41.85<br>2.74<br>0.00  | 42.08<br>3.08<br>0.00  | 38.64<br>3.03<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.64<br>4.51<br>-2.61 | 53.28<br>4.88<br>-6.31  | 63.03<br>4.59<br>-17.86 | 63.52<br>5.06<br>-13.27 | 90.73<br>6.22<br>-28.94 | 94.44<br>8.06<br>-15.02 | 100.20<br>9.83<br>-5.59  | 97.20<br>9.87<br>-0.01  | 94.07<br>8.63<br>-0.01 | 65.18<br>5.16<br>0.00  | 53.36<br>4.23<br>0.00  | 47.45<br>3.68<br>0.00  |
| RAVENSWOOD_GT_9<br>24257                | 41.80<br>3.17<br>0.00  | 35.55<br>2.35<br>-3.79  | 32.97<br>2.20<br>-3.24  | 32.39<br>2.13<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.71<br>2.24<br>0.00   | 41.85<br>2.74<br>0.00  | 42.08<br>3.08<br>0.00  | 38.64<br>3.03<br>0.00  | 36.60<br>3.27<br>-0.01 | 39.81<br>3.55<br>-0.01 | 42.56<br>3.94<br>-0.01 | 46.64<br>4.51<br>-2.61 | 53.28<br>4.88<br>-6.31  | 63.03<br>4.59<br>-17.86 | 63.52<br>5.06<br>-13.27 | 90.73<br>6.22<br>-28.94 | 94.44<br>8.06<br>-15.02 | 100.20<br>9.83<br>-5.59  | 97.20<br>9.87<br>-0.01  | 94.07<br>8.63<br>-0.01 | 65.18<br>5.16<br>0.00  | 53.36<br>4.23<br>0.00  | 47.45<br>3.68<br>0.00  |
| RAVENSWOOD___1<br>23533                 | 41.88<br>3.25<br>0.00  | 35.61<br>2.41<br>-3.79  | 33.12<br>2.34<br>-3.25  | 32.54<br>2.27<br>-2.21  | 32.37<br>2.31<br>-0.01 | 34.84<br>2.37<br>0.00   | 41.77<br>2.66<br>0.00  | 42.04<br>3.00<br>-0.04 | 38.71<br>3.10<br>0.00  | 36.74<br>3.40<br>-0.01 | 39.92<br>3.66<br>-0.01 | 42.64<br>4.02<br>-0.01 | 46.76<br>4.62<br>-2.61 | 53.32<br>4.92<br>-6.31  | 62.99<br>4.54<br>-17.86 | 63.47<br>5.02<br>-13.27 | 90.72<br>6.22<br>-28.94 | 94.43<br>8.06<br>-15.01 | 100.11<br>9.75<br>-5.58  | 96.94<br>9.61<br>-0.01  | 93.82<br>8.38<br>-0.01 | 65.00<br>4.98<br>0.00  | 53.46<br>4.32<br>-0.01 | 47.58<br>3.81<br>0.00  |
| RAVENSWOOD___2<br>23534                 | 41.84<br>3.20<br>0.00  | 35.58<br>2.38<br>-3.79  | 33.12<br>2.34<br>-3.25  | 32.51<br>2.25<br>-2.21  | 32.37<br>2.31<br>-0.01 | 34.81<br>2.34<br>0.00   | 41.77<br>2.66<br>0.00  | 42.04<br>3.00<br>-0.04 | 38.71<br>3.10<br>0.00  | 36.74<br>3.40<br>-0.01 | 39.89<br>3.62<br>-0.01 | 42.64<br>4.02<br>-0.01 | 46.76<br>4.62<br>-2.61 | 53.28<br>4.88<br>-6.31  | 62.99<br>4.54<br>-17.86 | 63.47<br>5.02<br>-13.27 | 90.72<br>6.22<br>-28.94 | 94.43<br>8.06<br>-15.01 | 100.11<br>9.75<br>-5.58  | 96.94<br>9.61<br>-0.01  | 93.73<br>8.28<br>-0.01 | 65.00<br>4.98<br>0.00  | 53.41<br>4.27<br>-0.01 | 47.54<br>3.77<br>0.00  |
| RAVENSWOOD___3<br>23535                 | 41.76<br>3.13<br>0.00  | 35.50<br>2.30<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.42<br>2.16<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.70<br>2.24<br>0.00   | 41.73<br>2.62<br>0.00  | 42.04<br>3.00<br>-0.04 | 38.63<br>3.03<br>0.00  | 36.64<br>3.30<br>-0.01 | 39.82<br>3.55<br>-0.01 | 42.57<br>3.94<br>-0.01 | 46.68<br>4.54<br>-2.61 | 53.28<br>4.88<br>-6.31  | 63.07<br>4.62<br>-17.86 | 63.52<br>5.06<br>-13.27 | 90.78<br>6.28<br>-28.94 | 94.43<br>8.06<br>-15.01 | 100.19<br>9.83<br>-5.59  | 97.20<br>9.86<br>-0.01  | 94.07<br>8.62<br>-0.01 | 65.18<br>5.16<br>0.00  | 53.37<br>4.23<br>-0.01 | 47.45<br>3.68<br>0.00  |
| RAVENSWOOD___4<br>23820                 | 41.84<br>3.20<br>0.00  | 35.58<br>2.38<br>-3.79  | 33.09<br>2.31<br>-3.24  | 32.51<br>2.25<br>-2.20  | 32.34<br>2.28<br>-0.01 | 34.80<br>2.34<br>0.00   | 41.73<br>2.62<br>0.00  | 42.04<br>3.00<br>-0.04 | 38.70<br>3.10<br>0.00  | 36.74<br>3.40<br>-0.01 | 39.89<br>3.62<br>-0.01 | 42.64<br>4.02<br>-0.01 | 46.76<br>4.62<br>-2.61 | 53.28<br>4.88<br>-6.31  | 62.99<br>4.54<br>-17.86 | 63.47<br>5.02<br>-13.27 | 90.72<br>6.22<br>-28.94 | 94.46<br>8.06<br>-15.05 | 100.14<br>9.75<br>-5.61  | 96.94<br>9.61<br>-0.01  | 93.72<br>8.28<br>-0.01 | 65.00<br>4.98<br>0.00  | 53.41<br>4.27<br>-0.01 | 47.54<br>3.77<br>0.00  |
| RCPL_TRUST___DRP<br>24196               | 42.15<br>3.52<br>0.00  | 35.79<br>2.59<br>-3.79  | 33.19<br>2.42<br>-3.24  | 32.62<br>2.36<br>-2.20  | 32.45<br>2.40<br>0.00  | 34.97<br>2.50<br>0.00   | 42.20<br>3.09<br>0.00  | 42.47<br>3.47<br>0.00  | 39.06<br>3.45<br>0.00  | 37.03<br>3.70<br>-0.01 | 40.25<br>3.99<br>-0.01 | 43.07<br>4.44<br>-0.01 | 47.22<br>5.10<br>-2.60 | 53.79<br>5.51<br>-6.19  | 63.58<br>5.11<br>-17.88 | 64.09<br>5.60<br>-13.30 | 91.54<br>7.00<br>-28.97 | 96.10<br>8.99<br>-15.75 | 101.78<br>10.85<br>-6.15 | 98.42<br>11.09<br>-0.01 | 95.18<br>9.74<br>-0.01 | 65.90<br>5.88<br>0.00  | 53.90<br>4.77<br>0.00  | 47.85<br>4.07<br>0.00  |
| RED___ROCHESTER<br>323720               | 37.48<br>-1.16<br>0.00 | 28.80<br>-1.12<br>-0.50 | 26.92<br>-1.05<br>-0.43 | 27.09<br>-1.26<br>-0.29 | 28.55<br>-1.50<br>0.00 | 30.84<br>-1.65<br>-0.03 | 37.62<br>-1.49<br>0.00 | 37.50<br>-1.40<br>0.09 | 34.22<br>-1.39<br>0.00 | 32.06<br>-1.27<br>0.00 | 34.84<br>-1.41<br>0.00 | 37.26<br>-1.35<br>0.00 | 38.10<br>-1.42<br>0.00 | 40.66<br>-1.43<br>-0.01 | 39.17<br>-1.42<br>0.00  | 43.48<br>-1.22<br>0.48  | 52.98<br>-0.89<br>1.69  | 66.47<br>-1.07<br>3.81  | 84.61<br>-0.17<br>0.00   | 87.76<br>0.44<br>0.00   | 85.09<br>-0.34<br>0.00 | 55.93<br>-1.26<br>2.83 | 46.27<br>-1.32<br>1.54 | 43.03<br>-0.74<br>0.00 |
| REGAN___SOLAR<br>323812                 | 40.80<br>2.16<br>0.00  | 35.94<br>1.79<br>-4.73  | 33.09<br>1.51<br>-4.04  | 32.40<br>1.60<br>-2.74  | 31.76<br>1.71<br>0.00  | 34.28<br>1.82<br>0.00   | 41.06<br>1.95<br>0.00  | 40.44<br>1.40<br>-0.03 | 36.07<br>0.46<br>0.00  | 33.26<br>-0.07<br>0.00 | 36.07<br>-0.18<br>0.00 | 38.23<br>-0.39<br>0.00 | 39.09<br>-0.43<br>0.00 | 41.75<br>-0.34<br>0.00  | 40.42<br>-0.16<br>0.00  | 45.46<br>0.27<br>0.00   | 56.51<br>0.94<br>0.00   | 73.64<br>2.28<br>0.00   | 90.21<br>5.43<br>0.00    | 94.48<br>7.16<br>0.00   | 92.78<br>7.35<br>0.00  | 64.76<br>4.74<br>0.00  | 52.72<br>3.58<br>0.00  | 46.71<br>2.93<br>0.00  |
| RENSSELAER___COGEN<br>23796             | 39.52<br>0.89<br>0.00  | 34.71<br>0.97<br>-4.33  | 32.11<br>0.88<br>-3.70  | 31.47<br>0.90<br>-2.51  | 30.98<br>0.93<br>0.00  | 33.41<br>0.94<br>0.00   | 40.20<br>1.09<br>0.00  | 40.05<br>1.05<br>0.00  | 36.32<br>0.71<br>0.00  | 33.89<br>0.57<br>0.00  | 36.90<br>0.65<br>0.00  | 39.23<br>0.62<br>0.00  | 40.31<br>0.79<br>0.00  | 43.05<br>0.97<br>0.00   | 41.56<br>0.97<br>0.00   | 46.18<br>0.99<br>0.00   | 56.57<br>1.00<br>0.00   | 72.78<br>1.43<br>0.00   | 86.90<br>2.12<br>0.00    | 89.50<br>2.18<br>0.00   | 87.48<br>2.05<br>0.00  | 61.28<br>1.26<br>0.00  | 50.12<br>0.98<br>0.00  | 44.52<br>0.74<br>0.00  |
| REPUBLIC_115KV_BARTNBRK<br>55605        | 41.88<br>3.25<br>0.00  | 36.68<br>2.82<br>-4.45  | 33.65<br>2.31<br>-3.80  | 33.14<br>2.50<br>-2.58  | 32.72<br>2.67<br>0.00  | 35.23<br>2.76<br>0.00   | 42.59<br>3.48<br>0.00  | 42.24<br>3.24<br>0.00  | 37.75<br>2.14<br>0.00  | 34.93<br>1.60<br>0.00  | 38.06<br>1.81<br>0.00  | 40.27<br>1.66<br>0.00  | 41.10<br>1.58<br>0.00  | 44.10<br>2.02<br>0.00   | 42.61<br>2.03<br>0.00   | 47.58<br>2.39<br>0.00   | 59.34<br>3.78<br>0.00   | 77.13<br>5.78<br>0.00   | 94.19<br>9.41<br>0.00    | 97.89<br>10.57<br>0.00  | 96.36<br>10.93<br>0.00 | 67.40<br>7.38<br>0.00  | 54.24<br>5.11<br>0.00  | 48.50<br>4.73<br>0.00  |
| REVERE_CPPR_DRP<br>24186                | 39.56<br>0.93<br>0.00  | 30.29<br>0.65<br>-0.23  | 28.31<br>0.58<br>-0.19  | 28.67<br>0.48<br>-0.13  | 30.44<br>0.39<br>0.00  | 33.05<br>0.58<br>0.00   | 39.73<br>0.63<br>0.00  | 39.58<br>0.58<br>0.00  | 36.00<br>0.39<br>0.00  | 33.53<br>0.20<br>0.00  | 36.43<br>0.18<br>0.00  | 38.81<br>0.19<br>0.00  | 39.72<br>0.20<br>0.00  | 42.35<br>0.17<br>-0.10  | 40.87<br>0.28<br>0.00   | 45.54<br>0.45<br>0.10   | 56.56<br>1.33<br>0.34   | 72.44<br>1.86<br>0.77   | 90.11<br>4.58<br>-0.75   | 93.34<br>5.33<br>-0.69  | 92.07<br>5.30<br>-1.35 | 62.51<br>3.06<br>0.57  | 50.93<br>2.11<br>0.31  | 45.48<br>1.71<br>0.00  |
| REYNLDPA_13_KV_LD<br>356490             | 38.40<br>-0.23<br>0.00 | 29.24<br>-0.18<br>0.00  | 27.31<br>-0.22<br>0.00  | 27.87<br>-0.20<br>0.00  | 29.93<br>-0.12<br>0.00 | 32.37<br>-0.10<br>0.00  | 38.95<br>-0.16<br>0.00 | 38.68<br>-0.31<br>0.00 | 35.36<br>-0.25<br>0.00 | 33.09<br>-0.23<br>0.00 | 36.00<br>-0.25<br>0.00 | 38.42<br>-0.19<br>0.00 | 39.29<br>-0.24<br>0.00 | 41.79<br>-0.29<br>0.00  | 40.26<br>-0.33<br>0.00  | 44.82<br>-0.36<br>0.00  | 54.40<br>-1.17<br>0.00  | 69.57<br>-1.78<br>0.00  | 82.32<br>-2.46<br>0.00   | 84.78<br>-2.54<br>0.00  | 83.30<br>-2.13<br>0.00 | 58.94<br>-1.08<br>0.00 | 48.74<br>-0.39<br>0.00 | 43.47<br>-0.30<br>0.00 |
| REYNOLDS_115KV_TB3<br>80639             | 39.79<br>1.16<br>0.00  | 34.84<br>1.09<br>-4.34  | 32.28<br>1.05<br>-3.70  | 31.64<br>1.07<br>-2.51  | 31.16<br>1.11<br>0.00  | 33.60<br>1.14<br>0.00   | 40.28<br>1.17<br>0.00  | 40.13<br>1.13<br>0.00  | 36.57<br>0.96<br>0.00  | 34.09<br>0.77<br>0.00  | 37.12<br>0.87<br>0.00  | 39.46<br>0.85<br>0.00  | 40.55<br>1.03<br>0.00  | 43.35<br>1.26<br>0.00   | 41.80<br>1.22<br>0.00   | 46.45<br>1.27<br>0.00   | 56.79<br>1.22<br>0.00   | 73.14<br>1.78<br>0.00   | 87.24<br>2.46<br>0.00    | 89.85<br>2.53<br>0.00   | 87.99<br>2.56<br>0.00  | 61.70<br>1.68<br>0.00  | 50.41<br>1.28<br>0.00  | 44.78<br>1.01<br>0.00  |

|                                 |                        |                         |                         |                         |                        |                         |                        |                        |                        |                        |                        |                        |                        |                         |                        |                        |                         |                         |                         |                        |                        |                        |                        |                        |
|---------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RIVERBAY____<br>323610          | 42.81<br>4.17<br>-0.01 | 36.33<br>3.12<br>-3.80  | 33.75<br>2.97<br>-3.25  | 33.16<br>2.89<br>-2.21  | 33.03<br>2.97<br>-0.01 | 35.56<br>3.08<br>-0.01  | 42.67<br>3.56<br>0.00  | 42.70<br>3.70<br>0.00  | 39.24<br>3.63<br>0.00  | 37.20<br>3.87<br>-0.01 | 40.35<br>4.10<br>-0.01 | 43.10<br>4.48<br>-0.01 | 47.18<br>5.14<br>-2.52 | 53.80<br>5.43<br>-6.28  | 53.96<br>5.03<br>-8.34 | 59.03<br>5.51<br>-8.33 | 77.61<br>6.83<br>-15.21 | 92.46<br>8.92<br>-12.19 | 99.01<br>10.85<br>-3.38 | 98.06<br>10.74<br>0.00 | 95.00<br>9.57<br>0.00  | 65.96<br>5.94<br>0.00  | 54.19<br>5.06<br>0.00  | 48.46<br>4.68<br>0.00  |
| RIVERSDE_115KV_TB3<br>55908     | 39.64<br>1.00<br>0.00  | 34.73<br>0.97<br>-4.34  | 32.24<br>0.99<br>-3.71  | 31.59<br>1.01<br>-2.52  | 31.10<br>1.05<br>0.00  | 33.54<br>1.07<br>0.00   | 40.16<br>1.06<br>0.00  | 39.97<br>0.97<br>0.00  | 36.46<br>0.85<br>0.00  | 33.99<br>0.67<br>0.00  | 37.01<br>0.76<br>0.00  | 39.35<br>0.73<br>0.00  | 40.43<br>0.91<br>0.00  | 43.22<br>1.14<br>0.00   | 41.72<br>1.14<br>0.00  | 46.36<br>1.17<br>0.00  | 56.73<br>1.17<br>0.00   | 72.99<br>1.64<br>0.00   | 87.15<br>2.37<br>0.00   | 89.76<br>2.44<br>0.00  | 87.82<br>2.39<br>0.00  | 61.58<br>1.56<br>0.00  | 50.31<br>1.18<br>0.00  | 44.69<br>0.92<br>0.00  |
| ROARING__BROOK_WT_PWR<br>323790 | 38.21<br>-0.42<br>0.00 | 29.06<br>-0.35<br>0.00  | 27.15<br>-0.39<br>0.00  | 27.61<br>-0.45<br>0.00  | 29.51<br>-0.54<br>0.00 | 31.82<br>-0.65<br>0.00  | 38.33<br>-0.78<br>0.00 | 38.18<br>-0.82<br>0.00 | 34.86<br>-0.75<br>0.00 | 32.66<br>-0.67<br>0.00 | 35.56<br>-0.69<br>0.00 | 37.88<br>-0.73<br>0.00 | 38.73<br>-0.79<br>0.00 | 41.20<br>-0.89<br>0.00  | 39.73<br>-0.85<br>0.00 | 44.23<br>-0.95<br>0.00 | 54.29<br>-1.28<br>0.00  | 69.71<br>-1.64<br>0.00  | 82.83<br>-1.95<br>0.00  | 85.31<br>-2.00<br>0.00 | 83.47<br>-1.96<br>0.00 | 58.64<br>-1.38<br>0.00 | 48.05<br>-1.08<br>0.00 | 42.81<br>-0.96<br>0.00 |
| ROCHESRG_115KV_T4<br>355643     | 37.09<br>-1.55<br>0.00 | 28.50<br>-1.41<br>-0.50 | 26.67<br>-1.29<br>-0.43 | 26.86<br>-1.49<br>-0.29 | 28.30<br>-1.74<br>0.00 | 30.54<br>-1.95<br>-0.02 | 37.19<br>-1.92<br>0.00 | 36.47<br>-1.87<br>0.66 | 32.72<br>-1.82<br>1.07 | 30.99<br>-1.67<br>0.67 | 33.61<br>-1.81<br>0.83 | 36.01<br>-1.85<br>0.75 | 36.64<br>-1.94<br>0.95 | 38.58<br>-2.06<br>1.45  | 37.58<br>-2.03<br>0.97 | 41.48<br>-1.99<br>1.72 | 50.37<br>-1.89<br>3.31  | 63.62<br>-2.35<br>5.38  | 80.58<br>-1.61<br>2.59  | 86.27<br>-1.05<br>0.00 | 83.55<br>-1.88<br>0.00 | 54.06<br>-2.52<br>3.44 | 44.85<br>-2.11<br>2.17 | 42.42<br>-1.36<br>0.00 |
| ROCHESTER_9_IC<br>23652         | 37.32<br>-1.31<br>0.00 | 28.68<br>-1.24<br>-0.50 | 26.84<br>-1.13<br>-0.43 | 27.01<br>-1.35<br>-0.29 | 28.49<br>-1.56<br>0.00 | 30.74<br>-1.75<br>-0.03 | 37.47<br>-1.64<br>0.00 | 37.31<br>-1.60<br>0.09 | 34.08<br>-1.53<br>0.00 | 31.93<br>-1.40<br>0.00 | 34.73<br>-1.52<br>0.00 | 37.11<br>-1.51<br>0.00 | 37.95<br>-1.58<br>0.00 | 40.41<br>-1.68<br>-0.01 | 38.97<br>-1.62<br>0.00 | 43.21<br>-1.49<br>0.48 | 52.67<br>-1.22<br>1.68  | 66.07<br>-1.50<br>3.78  | 84.18<br>-0.59<br>0.00  | 87.32<br>0.00<br>0.00  | 84.49<br>-0.94<br>0.00 | 55.29<br>-1.92<br>2.81 | 45.98<br>-1.62<br>1.53 | 42.81<br>-0.96<br>0.00 |
| ROCKVIEW_13_KV_LD<br>356306     | 41.65<br>3.01<br>0.00  | 35.44<br>2.24<br>-3.79  | 32.89<br>2.12<br>-3.24  | 32.31<br>2.05<br>-2.20  | 32.12<br>2.07<br>0.00  | 34.64<br>2.18<br>0.00   | 41.77<br>2.66<br>0.00  | 41.96<br>2.96<br>0.00  | 38.53<br>2.92<br>0.00  | 36.46<br>3.13<br>0.00  | 39.66<br>3.41<br>0.00  | 42.40<br>3.78<br>-0.01 | 46.42<br>4.39<br>-2.51 | 52.59<br>4.80<br>-5.71  | 53.44<br>4.50<br>-8.35 | 57.98<br>4.93<br>-7.87 | 75.22<br>6.17<br>-13.48 | 90.29<br>7.99<br>-10.94 | 96.93<br>9.75<br>-2.40  | 97.02<br>9.69<br>-0.01 | 93.98<br>8.54<br>-0.01 | 65.00<br>4.98<br>0.00  | 53.16<br>4.03<br>0.00  | 47.23<br>3.46<br>0.00  |
| ROME____115KV_TB2<br>80656      | 39.56<br>0.93<br>0.00  | 30.29<br>0.65<br>-0.23  | 28.31<br>0.58<br>-0.19  | 28.67<br>0.48<br>-0.13  | 30.44<br>0.39<br>0.00  | 33.05<br>0.58<br>0.00   | 39.73<br>0.63<br>0.00  | 39.58<br>0.58<br>0.00  | 36.00<br>0.39<br>0.00  | 33.53<br>0.20<br>0.00  | 36.43<br>0.18<br>0.00  | 38.81<br>0.19<br>0.00  | 39.72<br>0.20<br>0.00  | 42.35<br>0.17<br>-0.10  | 40.87<br>0.28<br>0.00  | 45.54<br>0.45<br>0.10  | 56.56<br>1.33<br>0.34   | 72.44<br>1.86<br>0.77   | 90.11<br>4.58<br>-0.75  | 93.34<br>5.33<br>-0.69 | 92.07<br>5.30<br>-1.35 | 62.51<br>3.06<br>0.57  | 50.93<br>2.11<br>0.31  | 45.48<br>1.71<br>0.00  |
| ROSETON__1<br>23587             | 40.95<br>2.32<br>0.00  | 34.94<br>1.73<br>-3.80  | 32.46<br>1.68<br>-3.24  | 31.89<br>1.63<br>-2.20  | 31.70<br>1.65<br>0.00  | 34.15<br>1.69<br>0.00   | 41.06<br>1.95<br>0.00  | 41.22<br>2.18<br>-0.04 | 37.82<br>2.21<br>0.00  | 35.69<br>2.37<br>0.00  | 38.79<br>2.54<br>0.00  | 41.43<br>2.82<br>0.00  | 42.84<br>3.32<br>0.00  | 45.66<br>3.58<br>0.00   | 43.95<br>3.37<br>0.00  | 48.94<br>3.66<br>-0.09 | 60.33<br>4.45<br>-0.32  | 77.39<br>5.85<br>-0.19  | 92.13<br>7.20<br>-0.15  | 94.56<br>7.24<br>0.00  | 91.66<br>6.23<br>0.00  | 63.68<br>3.66<br>0.00  | 52.13<br>3.00<br>0.00  | 46.40<br>2.63<br>0.00  |
| ROSETON__2<br>23588             | 40.95<br>2.32<br>0.00  | 34.94<br>1.73<br>-3.80  | 32.46<br>1.68<br>-3.24  | 31.89<br>1.63<br>-2.20  | 31.70<br>1.65<br>0.00  | 34.15<br>1.69<br>0.00   | 41.06<br>1.95<br>0.00  | 41.22<br>2.18<br>-0.04 | 37.82<br>2.21<br>0.00  | 35.69<br>2.37<br>0.00  | 38.79<br>2.54<br>0.00  | 41.43<br>2.82<br>0.00  | 42.84<br>3.32<br>0.00  | 45.66<br>3.58<br>0.00   | 43.95<br>3.37<br>0.00  | 48.94<br>3.66<br>-0.09 | 60.33<br>4.45<br>-0.32  | 77.39<br>5.85<br>-0.19  | 92.13<br>7.20<br>-0.15  | 94.56<br>7.24<br>0.00  | 91.66<br>6.23<br>0.00  | 63.68<br>3.66<br>0.00  | 52.13<br>3.00<br>0.00  | 46.40<br>2.63<br>0.00  |
| ROTTDRAM_115KV_TB3<br>80664     | 39.87<br>1.24<br>0.00  | 34.96<br>1.06<br>-4.49  | 32.30<br>0.94<br>-3.83  | 31.59<br>0.93<br>-2.60  | 31.01<br>0.96<br>0.00  | 33.47<br>1.01<br>0.00   | 40.28<br>1.17<br>0.00  | 40.13<br>1.13<br>0.00  | 36.50<br>0.89<br>0.00  | 34.09<br>0.77<br>0.00  | 37.08<br>0.83<br>0.00  | 39.46<br>0.85<br>0.00  | 40.47<br>0.95<br>0.00  | 43.22<br>1.14<br>0.00   | 41.68<br>1.10<br>0.00  | 46.36<br>1.17<br>0.00  | 57.01<br>1.44<br>0.00   | 73.42<br>2.07<br>0.00   | 87.83<br>3.05<br>0.00   | 90.55<br>3.23<br>0.00  | 88.59<br>3.16<br>0.00  | 62.06<br>2.04<br>0.00  | 50.71<br>1.57<br>0.00  | 45.13<br>1.36<br>0.00  |
| RUSSELL__1<br>23602             | 37.44<br>-1.20<br>0.00 | 28.77<br>-1.15<br>-0.50 | 26.92<br>-1.05<br>-0.43 | 27.09<br>-1.26<br>-0.29 | 28.55<br>-1.50<br>0.00 | 30.84<br>-1.66<br>-0.03 | 37.58<br>-1.53<br>0.00 | 37.47<br>-1.44<br>0.09 | 34.22<br>-1.39<br>0.00 | 32.06<br>-1.27<br>0.00 | 34.87<br>-1.38<br>0.00 | 37.26<br>-1.35<br>0.00 | 38.10<br>-1.42<br>0.00 | 40.62<br>-1.47<br>-0.01 | 39.17<br>-1.42<br>0.00 | 43.48<br>-1.22<br>0.48 | 52.99<br>-0.89<br>1.69  | 66.47<br>-1.07<br>3.81  | 84.69<br>-0.08<br>0.00  | 87.76<br>0.44<br>0.00  | 85.00<br>-0.43<br>0.00 | 55.63<br>-1.56<br>2.83 | 46.26<br>-1.33<br>1.54 | 43.03<br>-0.74<br>0.00 |
| RUSSELL__2<br>23532             | 37.44<br>-1.20<br>0.00 | 28.77<br>-1.15<br>-0.50 | 26.92<br>-1.05<br>-0.43 | 27.09<br>-1.26<br>-0.29 | 28.55<br>-1.50<br>0.00 | 30.84<br>-1.66<br>-0.03 | 37.58<br>-1.53<br>0.00 | 37.47<br>-1.44<br>0.09 | 34.22<br>-1.39<br>0.00 | 32.06<br>-1.27<br>0.00 | 34.87<br>-1.38<br>0.00 | 37.26<br>-1.35<br>0.00 | 38.10<br>-1.42<br>0.00 | 40.62<br>-1.47<br>-0.01 | 39.17<br>-1.42<br>0.00 | 43.48<br>-1.22<br>0.48 | 52.99<br>-0.89<br>1.69  | 66.47<br>-1.07<br>3.81  | 84.69<br>-0.08<br>0.00  | 87.76<br>0.44<br>0.00  | 85.00<br>-0.43<br>0.00 | 55.63<br>-1.56<br>2.83 | 46.26<br>-1.33<br>1.54 | 43.03<br>-0.74<br>0.00 |
| RUSSELL__3<br>23549             | 37.44<br>-1.20<br>0.00 | 28.77<br>-1.15<br>-0.50 | 26.92<br>-1.05<br>-0.43 | 27.09<br>-1.26<br>-0.29 | 28.55<br>-1.50<br>0.00 | 30.84<br>-1.66<br>-0.03 | 37.58<br>-1.53<br>0.00 | 37.47<br>-1.44<br>0.09 | 34.22<br>-1.39<br>0.00 | 32.06<br>-1.27<br>0.00 | 34.87<br>-1.38<br>0.00 | 37.26<br>-1.35<br>0.00 | 38.10<br>-1.42<br>0.00 | 40.62<br>-1.47<br>-0.01 | 39.17<br>-1.42<br>0.00 | 43.48<br>-1.22<br>0.48 | 52.99<br>-0.89<br>1.69  | 66.47<br>-1.07<br>3.81  | 84.69<br>-0.08<br>0.00  | 87.76<br>0.44<br>0.00  | 85.00<br>-0.43<br>0.00 | 55.63<br>-1.56<br>2.83 | 46.26<br>-1.33<br>1.54 | 43.03<br>-0.74<br>0.00 |
| RUSSELL__4<br>23556             | 37.44<br>-1.20<br>0.00 | 28.77<br>-1.15<br>-0.50 | 26.92<br>-1.05<br>-0.43 | 27.09<br>-1.26<br>-0.29 | 28.55<br>-1.50<br>0.00 | 30.84<br>-1.66<br>-0.03 | 37.58<br>-1.53<br>0.00 | 37.47<br>-1.44<br>0.09 | 34.22<br>-1.39<br>0.00 | 32.06<br>-1.27<br>0.00 | 34.87<br>-1.38<br>0.00 | 37.26<br>-1.35<br>0.00 | 38.10<br>-1.42<br>0.00 | 40.62<br>-1.47<br>-0.01 | 39.17<br>-1.42<br>0.00 | 43.48<br>-1.22<br>0.48 | 52.99<br>-0.89<br>1.69  | 66.47<br>-1.07<br>3.81  | 84.69<br>-0.08<br>0.00  | 87.76<br>0.44<br>0.00  | 85.00<br>-0.43<br>0.00 | 55.63<br>-1.56<br>2.83 | 46.26<br>-1.33<br>1.54 | 43.03<br>-0.74<br>0.00 |
| RUSSELL__STATION<br>23914       | 37.44<br>-1.20<br>0.00 | 28.77<br>-1.15<br>-0.50 | 26.92<br>-1.05<br>-0.43 | 27.09<br>-1.26<br>-0.29 | 28.55<br>-1.50<br>0.00 | 30.84<br>-1.66<br>-0.03 | 37.58<br>-1.53<br>0.00 | 37.47<br>-1.44<br>0.09 | 34.22<br>-1.39<br>0.00 | 32.06<br>-1.27<br>0.00 | 34.87<br>-1.38<br>0.00 | 37.26<br>-1.35<br>0.00 | 38.10<br>-1.42<br>0.00 | 40.62<br>-1.47<br>-0.01 | 39.17<br>-1.42<br>0.00 | 43.48<br>-1.22<br>0.48 | 52.99<br>-0.89<br>1.69  | 66.47<br>-1.07<br>3.81  | 84.69<br>-0.08<br>0.00  | 87.76<br>0.44<br>0.00  | 85.00<br>-0.43<br>0.00 | 55.63<br>-1.56<br>2.83 | 46.26<br>-1.33<br>1.54 | 43.03<br>-0.74<br>0.00 |

|  |                        |                         |                         |                         |                        |                         |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                           |                         |                         |                          |                         |                        |
|--|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|
| S SALMON___HYD<br>24043                | 38.21<br>-0.42<br>0.00 | 29.40<br>-0.32<br>-0.31 | 27.44<br>-0.36<br>-0.26 | 27.82<br>-0.42<br>-0.18 | 29.51<br>-0.54<br>0.00 | 31.95<br>-0.52<br>0.00  | 38.36<br>-0.74<br>0.00   | 38.19<br>-0.78<br>0.03   | 34.72<br>-0.89<br>0.00   | 32.36<br>-0.97<br>0.00   | 35.12<br>-1.12<br>0.00   | 37.42<br>-1.20<br>0.00   | 38.18<br>-1.34<br>0.00   | 40.89<br>-1.51<br>-0.32  | 39.20<br>-1.38<br>0.00   | 43.78<br>-1.40<br>0.00   | 54.40<br>-1.17<br>0.00   | 70.07<br>-1.28<br>0.00   | 87.56<br>0.43<br>-2.35    | 90.62<br>1.13<br>-2.16  | 90.74<br>1.11<br>-4.21  | 60.20<br>0.18<br>0.00    | 48.99<br>-0.15<br>0.00  | 43.73<br>-0.04<br>0.00 |
| S.PERRY___115KV_TB1<br>80734           | 38.13<br>-0.50<br>0.00 | 29.36<br>-0.76<br>-0.71 | 27.40<br>-0.74<br>-0.61 | 27.52<br>-0.95<br>-0.41 | 28.97<br>-1.08<br>0.00 | 31.61<br>-1.04<br>-0.18 | 69.53<br>-0.86<br>-31.28 | 73.15<br>-0.82<br>-34.97 | 59.80<br>-0.82<br>-25.01 | 48.09<br>-0.97<br>-15.73 | 54.36<br>-1.23<br>-19.34 | 54.80<br>-1.27<br>-17.46 | 60.31<br>-1.38<br>-22.17 | 74.48<br>-1.43<br>-33.83 | 60.46<br>-2.80<br>-22.67 | 70.35<br>-2.89<br>-28.06 | 87.11<br>-2.94<br>-34.49 | 98.97<br>-3.14<br>-30.76 | 139.17<br>-1.10<br>-55.49 | 87.88<br>0.17<br>-0.39  | 85.68<br>-0.60<br>-0.85 | 68.77<br>-1.56<br>-10.31 | 61.91<br>0.10<br>-12.67 | 43.81<br>0.00<br>-0.03 |
| SAWYER_23_KV_LOAD_REV_LBMP_A<br>345024 | 35.16<br>-3.48<br>0.00 | 26.72<br>-3.35<br>-0.66 | 25.07<br>-3.03<br>-0.56 | 25.10<br>-3.34<br>-0.38 | 26.35<br>-3.70<br>0.00 | 28.39<br>-3.93<br>0.15  | 24.34<br>-4.46<br>10.31  | 23.09<br>-3.98<br>11.93  | 23.96<br>-3.13<br>8.52   | 25.19<br>-2.77<br>5.37   | 26.61<br>-3.04<br>6.59   | 29.53<br>-3.13<br>5.96   | 28.72<br>-3.24<br>7.56   | 26.97<br>-3.62<br>11.49  | 29.29<br>-3.57<br>7.73   | 31.29<br>-3.80<br>10.10  | 39.57<br>-4.00<br>11.99  | 52.42<br>-5.49<br>13.44  | 65.13<br>-5.09<br>14.57   | 82.26<br>-5.06<br>0.00  | 78.82<br>-6.58<br>0.03  | 48.25<br>-5.40<br>6.37   | 39.43<br>-4.08<br>5.63  | 40.30<br>-3.46<br>0.01 |
| SAWYER___23_KV_LOAD<br>55526           | 35.16<br>-3.48<br>0.00 | 26.72<br>-3.35<br>-0.66 | 25.07<br>-3.03<br>-0.56 | 25.10<br>-3.34<br>-0.38 | 26.35<br>-3.70<br>0.00 | 28.39<br>-3.93<br>0.15  | 24.34<br>-4.46<br>10.31  | 23.09<br>-3.98<br>11.93  | 23.96<br>-3.13<br>8.52   | 25.19<br>-2.77<br>5.37   | 26.61<br>-3.04<br>6.59   | 29.53<br>-3.13<br>5.96   | 28.72<br>-3.24<br>7.56   | 26.97<br>-3.62<br>11.49  | 29.29<br>-3.57<br>7.73   | 31.29<br>-3.80<br>10.10  | 39.57<br>-4.00<br>11.99  | 52.42<br>-5.49<br>13.44  | 65.13<br>-5.09<br>14.57   | 82.26<br>-5.06<br>0.00  | 78.82<br>-6.58<br>0.03  | 48.25<br>-5.40<br>6.37   | 39.43<br>-4.08<br>5.63  | 40.30<br>-3.46<br>0.01 |
| SELKIRK___I<br>23801                   | 39.91<br>1.27<br>0.00  | 34.84<br>1.15<br>-4.29  | 32.21<br>1.02<br>-3.66  | 31.58<br>1.04<br>-2.49  | 31.16<br>1.11<br>0.00  | 33.57<br>1.10<br>0.00   | 40.36<br>1.25<br>0.00    | 40.17<br>1.17<br>0.00    | 36.46<br>0.85<br>0.00    | 34.03<br>0.70<br>0.00    | 36.97<br>0.72<br>0.00    | 39.31<br>0.70<br>0.00    | 40.39<br>0.87<br>0.00    | 43.14<br>1.05<br>0.00    | 41.64<br>1.05<br>1.00    | 46.41<br>1.22<br>0.00    | 56.95<br>1.39<br>0.00    | 73.42<br>2.07<br>0.00    | 87.83<br>3.05<br>0.00     | 90.64<br>3.32<br>0.00   | 88.59<br>3.16<br>0.00   | 62.00<br>1.98<br>0.00    | 50.75<br>1.62<br>0.00   | 45.09<br>1.31<br>0.00  |
| SELKIRK___II<br>23799                  | 39.64<br>1.00<br>0.00  | 34.66<br>0.94<br>-4.31  | 32.09<br>0.88<br>-3.68  | 31.43<br>0.87<br>-2.50  | 30.98<br>0.93<br>0.00  | 33.41<br>0.94<br>0.00   | 40.16<br>1.06<br>0.00    | 40.05<br>1.05<br>0.00    | 36.43<br>0.82<br>0.00    | 34.03<br>0.70<br>0.00    | 37.05<br>0.80<br>0.00    | 39.38<br>0.77<br>0.00    | 40.47<br>0.95<br>0.00    | 43.22<br>1.14<br>0.00    | 41.68<br>1.10<br>0.00    | 46.36<br>1.17<br>0.00    | 56.79<br>1.22<br>0.00    | 73.06<br>1.71<br>0.00    | 87.24<br>2.46<br>0.00     | 89.76<br>2.44<br>0.00   | 87.74<br>2.31<br>0.00   | 61.46<br>1.44<br>0.00    | 50.26<br>1.13<br>0.00   | 44.70<br>0.92<br>0.00  |
| SENECA OSWGO___HYD<br>24041            | 37.78<br>-0.85<br>0.00 | 29.16<br>-0.59<br>-0.34 | 27.21<br>-0.61<br>-0.29 | 27.61<br>-0.64<br>-0.19 | 29.33<br>-0.72<br>0.00 | 31.72<br>-0.75<br>0.00  | 38.29<br>-0.82<br>0.00   | 38.14<br>-0.82<br>0.04   | 34.86<br>-0.75<br>0.00   | 32.62<br>-0.70<br>0.00   | 35.45<br>-0.80<br>0.00   | 37.76<br>-0.85<br>0.00   | 38.54<br>-0.99<br>0.00   | 41.73<br>-1.05<br>-0.70  | 39.57<br>-1.01<br>0.00   | 44.53<br>-1.04<br>-0.38  | 55.80<br>-1.06<br>-1.29  | 73.06<br>-1.21<br>-2.92  | 89.10<br>-0.85<br>-5.17   | 91.37<br>-0.70<br>-4.75 | 93.90<br>-0.77<br>-9.24 | 61.23<br>-0.96<br>-2.17  | 49.33<br>-0.98<br>-1.18 | 42.99<br>-0.79<br>0.00 |
| SENECA___115KV_TB3<br>355854           | 35.39<br>-3.25<br>0.00 | 26.86<br>-3.24<br>-0.69 | 25.12<br>-3.00<br>-0.59 | 25.15<br>-3.31<br>-0.40 | 26.47<br>-3.58<br>0.00 | 28.68<br>-3.64<br>0.15  | 24.09<br>-4.30<br>10.71  | 23.24<br>-3.78<br>11.98  | 24.00<br>-2.53<br>9.08   | 25.34<br>-2.27<br>5.72   | 26.80<br>-2.43<br>7.02   | 29.80<br>-2.47<br>6.34   | 28.94<br>-2.53<br>8.05   | 26.97<br>-2.86<br>12.25  | 29.43<br>-2.92<br>8.23   | 31.48<br>-2.98<br>10.72  | 40.08<br>-2.95<br>12.54  | 53.21<br>-4.21<br>13.94  | 65.01<br>-3.64<br>16.13   | 83.57<br>-3.75<br>0.00  | 80.10<br>-5.30<br>0.03  | 49.41<br>-4.08<br>6.53   | 40.14<br>-3.24<br>5.75  | 40.61<br>-3.15<br>0.01 |
| SENECA___ENERGY<br>23797               | 38.13<br>-0.50<br>0.00 | 29.47<br>-0.47<br>-0.54 | 27.50<br>-0.49<br>-0.46 | 27.78<br>-0.59<br>-0.31 | 29.42<br>-0.63<br>0.00 | 31.86<br>-0.62<br>-0.01 | 40.65<br>-0.59<br>-2.13  | 40.75<br>-0.47<br>-2.22  | 37.06<br>-0.32<br>-1.77  | 34.10<br>-0.33<br>-1.11  | 37.18<br>-0.43<br>-1.37  | 39.42<br>-0.42<br>-1.23  | 40.62<br>-0.47<br>-1.57  | 44.24<br>-0.50<br>-2.66  | 41.66<br>-0.53<br>-1.60  | 46.71<br>-0.36<br>-1.89  | 57.72<br>0.06<br>-2.09   | 73.00<br>0.21<br>-1.43   | 92.05<br>1.44<br>-5.83    | 90.94<br>1.75<br>-1.87  | 90.44<br>1.36<br>-3.65  | 60.45<br>0.24<br>-0.18   | 49.64<br>-0.10<br>-0.60 | 43.65<br>-0.13<br>0.00 |
| SHOEMAKER___GT<br>23640                | 40.87<br>2.24<br>0.00  | 34.66<br>1.65<br>-3.61  | 32.21<br>1.60<br>-3.08  | 31.67<br>1.51<br>-2.09  | 31.55<br>1.50<br>0.00  | 34.02<br>1.56<br>0.00   | 40.91<br>1.80<br>0.00    | 41.07<br>2.03<br>-0.04   | 37.60<br>1.99<br>0.00    | 35.49<br>2.16<br>0.00    | 38.57<br>2.32<br>0.00    | 41.16<br>2.55<br>0.00    | 29.45<br>3.04<br>13.12   | 15.69<br>3.28<br>29.68   | 2.47<br>3.13<br>41.24    | 15.87<br>3.39<br>32.71   | 17.60<br>4.28<br>42.25   | 35.29<br>5.78<br>41.84   | 91.51<br>7.20<br>0.46     | 94.65<br>7.34<br>0.00   | 91.75<br>6.32<br>0.00   | 63.62<br>3.60<br>0.00    | 52.03<br>2.90<br>0.00   | 46.27<br>2.49<br>0.00  |
| SHOEMAKR_138KV_BK 111<br>55601         | 40.87<br>2.24<br>0.00  | 34.68<br>1.68<br>-3.59  | 32.20<br>1.60<br>-3.07  | 31.66<br>1.52<br>-2.08  | 31.55<br>1.50<br>0.00  | 34.02<br>1.56<br>0.00   | 41.02<br>1.92<br>0.00    | 41.14<br>2.14<br>0.00    | 37.64<br>2.03<br>0.00    | 35.49<br>2.17<br>0.00    | 38.60<br>2.36<br>0.00    | 41.20<br>2.59<br>0.00    | 22.64<br>3.08<br>19.96   | 0.29<br>3.37<br>45.16    | -19.02<br>3.17<br>62.77  | -0.99<br>3.43<br>49.61   | -3.82<br>4.33<br>63.72   | 13.80<br>5.78<br>63.33   | 91.54<br>7.21<br>0.44     | 94.57<br>7.25<br>0.00   | 91.84<br>6.41<br>0.00   | 63.68<br>3.66<br>0.00    | 52.03<br>2.90<br>0.00   | 46.31<br>2.54<br>0.00  |
| SHOREHAM_IC_1<br>23715                 | 42.04<br>3.40<br>-0.01 | 35.85<br>2.65<br>-3.79  | 33.11<br>2.34<br>-3.24  | 32.56<br>2.30<br>-2.20  | 32.72<br>2.67<br>0.00  | 35.09<br>2.63<br>0.00   | 42.20<br>3.09<br>0.00    | 42.70<br>3.66<br>-0.04   | 38.63<br>3.03<br>0.00    | 36.43<br>3.10<br>-0.01   | 39.45<br>3.19<br>-0.01   | 42.52<br>3.90<br>-0.01   | 45.97<br>3.95<br>-2.50   | 51.55<br>3.83<br>-5.64   | 51.91<br>3.49<br>-7.84   | 55.78<br>3.93<br>-6.67   | 70.14<br>5.00<br>-9.57   | 86.73<br>6.49<br>-8.88   | 94.67<br>9.08<br>-0.82    | 96.40<br>9.08<br>0.00   | 93.12<br>7.69<br>0.00   | 68.43<br>5.04<br>-3.36   | 52.97<br>3.83<br>0.00   | 47.50<br>3.72<br>-0.01 |
| SHOREHAM_IC_2<br>23716                 | 42.04<br>3.40<br>-0.01 | 35.85<br>2.65<br>-3.79  | 33.11<br>2.34<br>-3.24  | 32.56<br>2.30<br>-2.20  | 32.72<br>2.67<br>0.00  | 35.09<br>2.63<br>0.00   | 42.20<br>3.09<br>0.00    | 42.70<br>3.66<br>-0.04   | 38.63<br>3.03<br>0.00    | 36.43<br>3.10<br>-0.01   | 39.45<br>3.19<br>-0.01   | 42.52<br>3.90<br>-0.01   | 45.97<br>3.95<br>-2.50   | 51.55<br>3.83<br>-5.64   | 51.91<br>3.49<br>-7.84   | 55.78<br>3.93<br>-6.67   | 70.14<br>5.00<br>-9.57   | 86.73<br>6.49<br>-8.88   | 94.67<br>9.08<br>-0.82    | 96.40<br>9.08<br>0.00   | 93.12<br>7.69<br>0.00   | 68.43<br>5.04<br>-3.36   | 52.97<br>3.83<br>0.00   | 47.50<br>3.72<br>-0.01 |
| SISSONVILLE____<br>23735               | 37.63<br>-1.00<br>0.00 | 28.71<br>-0.76<br>-0.06 | 26.82<br>-0.77<br>-0.05 | 27.31<br>-0.79<br>-0.04 | 29.24<br>-0.81<br>0.00 | 31.72<br>-0.75<br>0.00  | 37.74<br>-1.37<br>0.00   | 37.13<br>-1.87<br>0.00   | 33.72<br>-1.89<br>0.00   | 31.36<br>-1.97<br>0.00   | 34.07<br>-2.17<br>0.00   | 36.26<br>-2.36<br>0.00   | 37.07<br>-2.45<br>0.00   | 39.48<br>-2.61<br>0.00   | 38.03<br>-2.56<br>0.00   | 42.38<br>-2.80<br>0.00   | 52.06<br>-3.50<br>0.00   | 66.93<br>-4.42<br>0.00   | 80.45<br>-4.32<br>0.00    | 83.39<br>-3.93<br>0.00  | 82.01<br>-3.42<br>0.00  | 57.68<br>-2.34<br>0.00   | 47.27<br>-1.87<br>0.00  | 42.33<br>-1.44<br>0.00 |
| SITHE_IND_GS1<br>24169                 | 37.63<br>-1.00<br>0.00 | 28.94<br>-0.73<br>-0.26 | 27.04<br>-0.72<br>-0.23 | 27.46<br>-0.76<br>-0.15 | 29.21<br>-0.84<br>0.00 | 31.56<br>-0.91<br>0.00  | 38.09<br>-1.02<br>0.00   | 37.95<br>-1.05<br>0.00   | 34.65<br>-0.96<br>0.00   | 32.43<br>-0.90<br>0.00   | 35.23<br>-1.01<br>0.00   | 37.53<br>-1.08<br>0.00   | 38.26<br>-1.27<br>0.00   | 38.71<br>-1.43<br>1.94   | 39.25<br>-1.34<br>0.00   | 40.35<br>-1.45<br>3.39   | 42.55<br>-1.61<br>11.40  | 43.60<br>-2.00<br>25.75  | 68.45<br>-1.95<br>14.38   | 72.27<br>-1.84<br>13.21 | 57.79<br>-1.96<br>25.68 | 39.22<br>-1.68<br>19.12  | 37.25<br>-1.47<br>10.41 | 42.55<br>-1.23<br>0.00 |

|                               |                        |                         |                         |                         |                        |                         |                        |                        |                        |                        |                        |                        |                        |                         |                        |                        |                         |                         |                         |                         |                         |                         |                         |                        |
|-------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| SITHE_IND_GS2<br>24170        | 37.63<br>-1.00<br>0.00 | 28.94<br>-0.73<br>-0.26 | 27.04<br>-0.72<br>-0.23 | 27.46<br>-0.76<br>-0.15 | 29.21<br>-0.84<br>0.00 | 31.56<br>-0.91<br>0.00  | 38.09<br>-1.02<br>0.00 | 37.95<br>-1.05<br>0.00 | 34.65<br>-0.96<br>0.00 | 32.43<br>-0.90<br>0.00 | 35.23<br>-1.01<br>0.00 | 37.53<br>-1.08<br>0.00 | 38.26<br>-1.27<br>0.00 | 38.71<br>-1.43<br>1.94  | 39.25<br>-1.34<br>0.00 | 40.35<br>-1.45<br>3.39 | 42.55<br>-1.61<br>11.40 | 43.60<br>-2.00<br>25.75 | 68.45<br>-1.95<br>14.38 | 72.27<br>-1.84<br>13.21 | 57.79<br>-1.96<br>25.68 | 39.22<br>-1.68<br>19.12 | 37.25<br>-1.47<br>10.41 | 42.55<br>-1.23<br>0.00 |
| SITHE_IND_GS3<br>24171        | 37.63<br>-1.00<br>0.00 | 28.94<br>-0.73<br>-0.26 | 27.04<br>-0.72<br>-0.23 | 27.46<br>-0.76<br>-0.15 | 29.21<br>-0.84<br>0.00 | 31.56<br>-0.91<br>0.00  | 38.09<br>-1.02<br>0.00 | 37.95<br>-1.05<br>0.00 | 34.65<br>-0.96<br>0.00 | 32.43<br>-0.90<br>0.00 | 35.23<br>-1.01<br>0.00 | 37.53<br>-1.08<br>0.00 | 38.26<br>-1.27<br>0.00 | 38.71<br>-1.43<br>1.94  | 39.25<br>-1.34<br>0.00 | 40.35<br>-1.45<br>3.39 | 42.55<br>-1.61<br>11.40 | 43.60<br>-2.00<br>25.75 | 68.45<br>-1.95<br>14.38 | 72.27<br>-1.84<br>13.21 | 57.79<br>-1.96<br>25.68 | 39.22<br>-1.68<br>19.12 | 37.25<br>-1.47<br>10.41 | 42.55<br>-1.23<br>0.00 |
| SITHE_IND_GS4<br>24172        | 37.63<br>-1.00<br>0.00 | 28.94<br>-0.73<br>-0.26 | 27.04<br>-0.72<br>-0.23 | 27.46<br>-0.76<br>-0.15 | 29.21<br>-0.84<br>0.00 | 31.56<br>-0.91<br>0.00  | 38.09<br>-1.02<br>0.00 | 37.95<br>-1.05<br>0.00 | 34.65<br>-0.96<br>0.00 | 32.43<br>-0.90<br>0.00 | 35.23<br>-1.01<br>0.00 | 37.53<br>-1.08<br>0.00 | 38.26<br>-1.27<br>0.00 | 38.71<br>-1.43<br>1.94  | 39.25<br>-1.34<br>0.00 | 40.35<br>-1.45<br>3.39 | 42.55<br>-1.61<br>11.40 | 43.60<br>-2.00<br>25.75 | 68.45<br>-1.95<br>14.38 | 72.27<br>-1.84<br>13.21 | 57.79<br>-1.96<br>25.68 | 39.22<br>-1.68<br>19.12 | 37.25<br>-1.47<br>10.41 | 42.55<br>-1.23<br>0.00 |
| SITHE___BATAVIA<br>24024      | 36.32<br>-2.32<br>0.00 | 27.70<br>-2.29<br>-0.59 | 25.91<br>-2.12<br>-0.50 | 25.96<br>-2.44<br>-0.34 | 27.31<br>-2.73<br>0.00 | 29.07<br>-2.95<br>0.44  | 30.79<br>-2.74<br>5.58 | 30.20<br>-2.50<br>6.30 | 28.74<br>-2.17<br>4.70 | 28.27<br>-2.10<br>2.96 | 30.29<br>-2.32<br>3.63 | 32.94<br>-2.39<br>3.28 | 32.83<br>-2.53<br>4.16 | 33.01<br>-2.73<br>6.34  | 33.61<br>-2.72<br>4.26 | 36.69<br>-2.71<br>5.79 | 44.71<br>-2.61<br>8.25  | 58.28<br>-3.28<br>9.79  | 74.64<br>-1.95<br>8.19  | 86.18<br>-1.14<br>0.00  | 83.11<br>-2.30<br>0.02  | 52.34<br>-2.76<br>4.92  | 42.69<br>-2.36<br>4.09  | 41.93<br>-1.84<br>0.01 |
| SITHE___INDEPEND<br>23800     | 37.63<br>-1.00<br>0.00 | 28.94<br>-0.74<br>-0.26 | 27.04<br>-0.72<br>-0.23 | 27.46<br>-0.76<br>-0.15 | 29.21<br>-0.84<br>0.00 | 31.56<br>-0.91<br>0.00  | 38.09<br>-1.02<br>0.00 | 37.95<br>-1.05<br>0.00 | 34.65<br>-0.96<br>0.00 | 32.43<br>-0.90<br>0.00 | 35.23<br>-1.01<br>0.00 | 37.53<br>-1.08<br>0.00 | 38.26<br>-1.26<br>0.00 | 38.71<br>-1.43<br>1.94  | 39.25<br>-1.34<br>0.00 | 40.35<br>-1.45<br>3.39 | 42.55<br>-1.61<br>11.40 | 43.60<br>-2.00<br>25.75 | 68.45<br>-1.95<br>14.38 | 72.27<br>-1.83<br>13.21 | 57.79<br>-1.96<br>25.68 | 39.16<br>-1.74<br>19.12 | 37.25<br>-1.47<br>10.41 | 42.55<br>-1.23<br>0.00 |
| SITHE___MASSENA<br>23902      | 38.32<br>-0.31<br>0.00 | 29.15<br>-0.27<br>0.00  | 27.26<br>-0.28<br>0.00  | 27.81<br>-0.25<br>0.00  | 29.84<br>-0.21<br>0.00 | 32.30<br>-0.16<br>0.00  | 38.88<br>-0.23<br>0.00 | 38.65<br>-0.35<br>0.00 | 35.29<br>-0.32<br>0.00 | 32.96<br>-0.37<br>0.00 | 35.85<br>-0.40<br>0.00 | 38.23<br>-0.39<br>0.00 | 39.09<br>-0.43<br>0.00 | 41.62<br>-0.46<br>0.00  | 40.06<br>-0.53<br>0.00 | 44.65<br>-0.54<br>0.00 | 54.73<br>-0.83<br>0.00  | 70.14<br>-1.21<br>0.00  | 82.99<br>-1.78<br>0.00  | 85.57<br>-1.75<br>0.00  | 83.98<br>-1.45<br>0.00  | 59.30<br>-0.72<br>0.00  | 48.74<br>-0.39<br>0.00  | 43.42<br>-0.35<br>0.00 |
| SITHE___OGDNSBRG<br>24021     | 38.40<br>-0.23<br>0.00 | 29.20<br>-0.21<br>0.00  | 27.31<br>-0.22<br>0.00  | 27.81<br>-0.25<br>0.00  | 29.87<br>-0.18<br>0.00 | 32.40<br>-0.06<br>0.00  | 38.80<br>-0.31<br>0.00 | 38.30<br>-0.70<br>0.00 | 34.75<br>-0.85<br>0.00 | 32.33<br>-1.00<br>0.00 | 35.05<br>-1.20<br>0.00 | 37.34<br>-1.27<br>0.00 | 38.18<br>-1.34<br>0.00 | 40.61<br>-1.47<br>0.00  | 39.16<br>-1.42<br>0.00 | 43.65<br>-1.54<br>0.00 | 53.56<br>-2.00<br>0.00  | 69.00<br>-2.35<br>0.00  | 82.66<br>-2.12<br>0.00  | 85.92<br>-1.40<br>0.00  | 84.49<br>-0.94<br>0.00  | 59.54<br>-0.48<br>0.00  | 48.79<br>-0.34<br>0.00  | 43.56<br>-0.22<br>0.00 |
| SITHE___STERLING<br>23777     | 39.33<br>0.70<br>0.00  | 30.17<br>0.50<br>-0.26  | 28.19<br>0.44<br>-0.22  | 28.57<br>0.36<br>-0.15  | 30.38<br>0.33<br>0.00  | 32.95<br>0.49<br>0.00   | 39.66<br>0.55<br>0.00  | 39.54<br>0.55<br>0.00  | 36.04<br>0.43<br>0.00  | 33.59<br>0.27<br>0.00  | 36.50<br>0.26<br>0.00  | 38.92<br>0.31<br>0.00  | 39.80<br>0.28<br>0.00  | 42.49<br>0.30<br>-0.11  | 40.91<br>0.32<br>0.00  | 45.57<br>0.50<br>0.12  | 56.39<br>1.22<br>0.39   | 72.18<br>1.71<br>0.88   | 89.23<br>3.64<br>-0.81  | 92.26<br>4.19<br>-0.75  | 90.98<br>4.10<br>-1.45  | 61.70<br>2.34<br>0.66   | 50.39<br>1.62<br>0.36   | 45.09<br>1.31<br>0.00  |
| SLEIGHT__34_KV_TB1<br>80719   | 37.51<br>-1.12<br>0.00 | 28.90<br>-1.00<br>-0.49 | 27.02<br>-0.94<br>-0.42 | 27.25<br>-1.09<br>-0.29 | 28.82<br>-1.23<br>0.00 | 31.15<br>-1.33<br>-0.01 | 37.82<br>-1.29<br>0.00 | 37.79<br>-1.13<br>0.08 | 34.50<br>-1.10<br>0.00 | 32.29<br>-1.03<br>0.00 | 35.09<br>-1.16<br>0.00 | 37.49<br>-1.12<br>0.00 | 38.34<br>-1.19<br>0.00 | 40.94<br>-1.22<br>-0.08 | 39.41<br>-1.18<br>0.00 | 43.80<br>-0.99<br>0.39 | 53.53<br>-0.72<br>1.31  | 67.62<br>-0.78<br>2.95  | 85.55<br>0.17<br>-0.60  | 88.49<br>0.61<br>-0.55  | 86.59<br>0.09<br>-1.08  | 56.87<br>-0.96<br>2.19  | 46.91<br>-1.03<br>1.19  | 43.12<br>-0.66<br>0.00 |
| SOUTH CAIRO___GT<br>23612     | 40.72<br>2.09<br>0.00  | 35.18<br>1.56<br>-4.21  | 32.59<br>1.46<br>-3.60  | 31.96<br>1.46<br>-2.44  | 31.73<br>1.68<br>0.00  | 34.22<br>1.75<br>0.00   | 41.06<br>1.96<br>0.00  | 40.83<br>1.83<br>0.00  | 36.89<br>1.28<br>0.00  | 34.29<br>0.97<br>0.00  | 37.19<br>0.94<br>0.00  | 39.46<br>0.85<br>0.00  | 40.67<br>1.15<br>0.00  | 43.47<br>1.39<br>0.00   | 42.05<br>1.46<br>0.00  | 46.95<br>1.76<br>0.00  | 58.01<br>2.44<br>0.00   | 75.63<br>4.28<br>0.00   | 91.22<br>6.44<br>0.00   | 94.22<br>6.90<br>0.00   | 91.84<br>6.41<br>0.00   | 63.98<br>3.96<br>0.00   | 51.98<br>2.85<br>0.00   | 46.14<br>2.36<br>0.00  |
| SOUTH HAMPTN___IC<br>23720    | 42.31<br>3.67<br>-0.01 | 35.96<br>2.76<br>-3.79  | 33.19<br>2.42<br>-3.24  | 32.64<br>2.38<br>-2.20  | 32.93<br>2.88<br>0.00  | 35.35<br>2.89<br>0.00   | 42.55<br>3.44<br>0.00  | 43.02<br>3.98<br>-0.04 | 39.06<br>3.45<br>0.00  | 36.83<br>3.50<br>-0.01 | 39.95<br>3.70<br>-0.01 | 43.06<br>4.44<br>-0.01 | 46.52<br>4.50<br>-2.50 | 52.14<br>4.42<br>-5.64  | 52.48<br>4.06<br>-7.84 | 56.44<br>4.61<br>-6.64 | 70.88<br>5.83<br>-9.49  | 87.67<br>7.49<br>-8.83  | 95.81<br>10.25<br>-0.78 | 97.53<br>10.21<br>0.00  | 94.23<br>8.80<br>0.00   | 69.09<br>5.76<br>-3.31  | 53.46<br>4.32<br>0.00   | 47.86<br>4.07<br>-0.01 |
| SOUTHDOW__115KV_TB1<br>355954 | 35.62<br>-3.01<br>0.00 | 26.97<br>-3.18<br>-0.74 | 25.22<br>-2.95<br>-0.63 | 25.26<br>-3.23<br>-0.43 | 26.62<br>-3.43<br>0.00 | 29.17<br>-3.18<br>0.11  | 29.18<br>-4.07<br>5.87 | 27.41<br>-3.12<br>8.47 | 26.36<br>-1.39<br>7.86 | 27.18<br>-1.20<br>4.95 | 28.83<br>-1.34<br>6.08 | 31.85<br>-1.27<br>5.49 | 31.29<br>-1.26<br>6.97 | 29.84<br>-1.64<br>10.60 | 31.76<br>-1.70<br>7.12 | 34.30<br>-1.58<br>9.31 | 43.74<br>-0.94<br>10.88 | 57.37<br>-1.78<br>12.20 | 70.13<br>-0.51<br>14.14 | 86.71<br>-0.61<br>0.00  | 82.92<br>-2.48<br>0.03  | 52.02<br>-2.22<br>5.78  | 42.38<br>-1.72<br>5.03  | 41.18<br>-2.58<br>0.01 |
| SOUTHOLD_69_KV_BK 2<br>55809  | 42.31<br>3.67<br>-0.01 | 35.94<br>2.74<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.59<br>2.33<br>-2.20  | 32.96<br>2.91<br>0.00  | 35.42<br>2.95<br>0.00   | 42.94<br>3.83<br>0.00  | 43.17<br>4.17<br>0.00  | 39.24<br>3.63<br>0.00  | 36.93<br>3.60<br>-0.01 | 40.10<br>3.84<br>-0.01 | 43.30<br>4.67<br>-0.01 | 46.68<br>4.66<br>-2.50 | 52.35<br>4.63<br>-5.64  | 52.64<br>4.22<br>-7.84 | 56.62<br>4.79<br>-6.64 | 71.22<br>6.17<br>-9.49  | 88.11<br>7.92<br>-8.83  | 96.24<br>10.68<br>-0.78 | 97.97<br>10.65<br>0.00  | 94.91<br>9.48<br>0.00   | 69.33<br>6.00<br>-3.31  | 53.51<br>4.37<br>0.00   | 47.81<br>4.03<br>-0.01 |
| SOUTHOLD___IC<br>23719        | 42.31<br>3.67<br>-0.01 | 35.88<br>2.68<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.59<br>2.33<br>-2.20  | 32.96<br>2.91<br>0.00  | 35.42<br>2.95<br>0.00   | 42.63<br>3.52<br>0.00  | 43.09<br>4.06<br>-0.04 | 39.20<br>3.59<br>0.00  | 36.97<br>3.63<br>-0.01 | 40.10<br>3.84<br>-0.01 | 43.29<br>4.67<br>-0.01 | 46.68<br>4.66<br>-2.50 | 52.35<br>4.63<br>-5.64  | 52.64<br>4.22<br>-7.84 | 56.62<br>4.79<br>-6.64 | 71.22<br>6.17<br>-9.49  | 88.11<br>7.92<br>-8.83  | 96.24<br>10.68<br>-0.78 | 97.97<br>10.65<br>0.00  | 94.57<br>9.15<br>0.00   | 69.33<br>6.00<br>-3.31  | 53.51<br>4.37<br>0.00   | 47.81<br>4.02<br>-0.01 |
| SOUTH_FORK_WT_PWR<br>323839   | 41.97<br>3.32<br>-0.01 | 35.61<br>2.41<br>-3.79  | 32.81<br>2.04<br>-3.24  | 32.33<br>2.08<br>-2.20  | 32.78<br>2.73<br>0.00  | 35.26<br>2.79<br>0.00   | 42.43<br>3.32<br>0.00  | 42.90<br>3.86<br>-0.04 | 39.06<br>3.45<br>0.00  | 36.83<br>3.50<br>-0.01 | 39.99<br>3.73<br>-0.01 | 43.14<br>4.52<br>-0.01 | 46.56<br>4.54<br>-2.50 | 52.18<br>4.46<br>-5.64  | 52.44<br>4.02<br>-7.84 | 56.39<br>4.56<br>-6.64 | 70.89<br>5.83<br>-9.49  | 87.68<br>7.49<br>-8.83  | 95.64<br>10.08<br>-0.78 | 97.35<br>10.04<br>0.00  | 93.97<br>8.54<br>0.00   | 68.91<br>5.58<br>-3.31  | 53.12<br>3.98<br>0.00   | 47.41<br>3.63<br>-0.01 |

|  |                        |                         |                         |                         |                        |                         |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                        |                         |                         |                          |                         |
|--|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|
| SPIERFLS_115KV_TB 1<br>80737             | 40.68<br>2.05<br>0.00  | 35.66<br>1.79<br>-4.46  | 32.85<br>1.51<br>-3.81  | 32.24<br>1.60<br>-2.58  | 31.73<br>1.68<br>0.00  | 34.22<br>1.75<br>0.00   | 41.18<br>2.07<br>0.00    | 40.95<br>1.95<br>0.00    | 37.03<br>1.42<br>0.00    | 34.43<br>1.10<br>0.00    | 37.48<br>1.23<br>0.00    | 39.77<br>1.16<br>0.00    | 40.75<br>1.23<br>0.00    | 43.64<br>1.56<br>0.00    | 42.00<br>1.42<br>0.00    | 46.04<br>0.86<br>0.00    | 56.79<br>1.22<br>0.00    | 73.28<br>1.93<br>0.00    | 88.25<br>3.48<br>0.00    | 91.16<br>3.84<br>0.00  | 89.44<br>4.02<br>0.00   | 62.78<br>2.76<br>0.00   | 51.10<br>1.97<br>0.00    | 46.31<br>2.54<br>0.00   |
| ST LAWRENCE____<br>23600                 | 38.13<br>-0.50<br>0.00 | 29.03<br>-0.38<br>0.00  | 27.15<br>-0.39<br>0.00  | 27.73<br>-0.34<br>0.00  | 29.72<br>-0.33<br>0.00 | 32.14<br>-0.32<br>0.00  | 38.72<br>-0.39<br>0.00   | 38.53<br>-0.47<br>0.00   | 35.18<br>-0.43<br>0.00   | 32.89<br>-0.43<br>0.00   | 35.78<br>-0.47<br>0.00   | 38.15<br>-0.46<br>0.00   | 39.01<br>-0.51<br>0.00   | 41.54<br>-0.55<br>0.00   | 40.02<br>-0.57<br>0.00   | 44.55<br>-0.63<br>0.00   | 54.57<br>-1.00<br>0.00   | 69.93<br>-1.43<br>0.00   | 82.57<br>-2.20<br>0.00   | 84.97<br>-2.35<br>0.00 | 83.38<br>-2.05<br>0.00  | 58.94<br>-1.08<br>0.00  | 48.40<br>-0.74<br>0.00   | 43.16<br>-0.61<br>0.00  |
| STATE_CA_115KV_115_LB<br>55624           | 39.64<br>1.00<br>0.00  | 34.75<br>0.97<br>-4.37  | 32.25<br>0.99<br>-3.73  | 31.60<br>1.01<br>-2.53  | 31.10<br>1.05<br>0.00  | 33.54<br>1.07<br>0.00   | 40.13<br>1.02<br>0.00    | 39.97<br>0.97<br>0.00    | 36.43<br>0.82<br>0.00    | 33.99<br>0.67<br>0.00    | 37.01<br>0.76<br>0.00    | 39.35<br>0.73<br>0.00    | 40.43<br>0.91<br>0.00    | 43.22<br>1.14<br>0.00    | 41.72<br>1.14<br>0.00    | 46.45<br>1.27<br>0.00    | 56.90<br>1.33<br>0.00    | 73.21<br>1.86<br>0.00    | 87.49<br>2.71<br>0.00    | 90.03<br>2.71<br>0.00  | 88.16<br>2.73<br>0.00   | 61.76<br>1.74<br>0.00   | 50.41<br>1.28<br>0.00    | 44.78<br>1.01<br>0.00   |
| STATE_ST_34_KV_LOAD<br>55959             | 38.52<br>-0.12<br>0.00 | 29.82<br>-0.12<br>-0.53 | 27.82<br>-0.17<br>-0.45 | 28.14<br>-0.22<br>-0.31 | 29.81<br>-0.24<br>0.00 | 32.24<br>-0.23<br>0.00  | 38.95<br>-0.16<br>0.00   | 39.37<br>-0.08<br>-0.45  | 36.50<br>-0.07<br>-0.96  | 33.86<br>-0.07<br>-0.61  | 36.88<br>-0.11<br>-0.74  | 39.17<br>-0.12<br>-0.67  | 40.18<br>-0.20<br>-0.85  | 43.49<br>-0.21<br>-1.62  | 41.29<br>-0.16<br>-0.87  | 46.32<br>0.05<br>-1.09   | 57.43<br>0.50<br>-1.36   | 73.49<br>0.86<br>-1.29   | 91.23<br>2.03<br>-4.42   | 91.84<br>2.36<br>-2.16 | 91.77<br>2.14<br>-4.20  | 61.28<br>0.78<br>-0.48  | 50.06<br>0.39<br>-0.53   | 44.08<br>0.31<br>0.00   |
| STATION 5_MISC_HYD<br>23604              | 37.36<br>-1.27<br>0.00 | 28.71<br>-1.21<br>-0.50 | 26.83<br>-1.13<br>-0.43 | 27.01<br>-1.35<br>-0.29 | 28.48<br>-1.56<br>0.00 | 30.74<br>-1.75<br>-0.03 | 37.50<br>-1.61<br>0.00   | 37.34<br>-1.56<br>0.09   | 34.08<br>-1.53<br>0.00   | 31.93<br>-1.40<br>0.00   | 34.69<br>-1.56<br>0.00   | 37.11<br>-1.51<br>0.00   | 37.94<br>-1.58<br>0.00   | 40.45<br>-1.64<br>-0.01  | 38.96<br>-1.62<br>0.00   | 43.22<br>-1.49<br>0.48   | 52.61<br>-1.28<br>1.68   | 66.07<br>-1.50<br>3.78   | 84.10<br>-0.68<br>0.00   | 87.32<br>0.00<br>0.00  | 84.66<br>-0.77<br>0.00  | 55.65<br>-1.56<br>2.81  | 46.03<br>-1.57<br>1.53   | 42.85<br>-0.92<br>0.00  |
| STA_168_34_KV_BK1_2_REV_LBMP_B<br>345032 | 37.74<br>-0.89<br>0.00 | 29.06<br>-0.85<br>-0.50 | 27.17<br>-0.80<br>-0.43 | 27.40<br>-0.95<br>-0.29 | 28.94<br>-1.11<br>0.00 | 31.31<br>-1.17<br>-0.02 | 38.01<br>-1.10<br>0.00   | 37.97<br>-0.94<br>0.09   | 34.72<br>-0.89<br>0.00   | 32.49<br>-0.83<br>0.00   | 35.31<br>-0.94<br>0.00   | 37.72<br>-0.89<br>0.00   | 38.57<br>-0.95<br>0.00   | 41.16<br>-1.01<br>-0.09  | 39.61<br>-0.97<br>0.00   | 44.05<br>-0.77<br>0.37   | 53.91<br>-0.39<br>1.27   | 68.20<br>-0.29<br>2.86   | 86.20<br>0.76<br>-0.66   | 89.15<br>1.22<br>-0.61 | 87.21<br>0.60<br>-1.19  | 57.23<br>-0.66<br>2.13  | 47.24<br>-0.74<br>1.16   | 43.34<br>-0.44<br>0.00  |
| STA_56_34_KV_BUS2_REV_LBMP_B<br>345033   | 37.13<br>-1.51<br>0.00 | 28.56<br>-1.35<br>-0.50 | 26.72<br>-1.24<br>-0.43 | 26.92<br>-1.43<br>-0.29 | 28.40<br>-1.65<br>0.00 | 30.64<br>-1.85<br>-0.02 | 37.31<br>-1.80<br>0.00   | 37.20<br>-1.72<br>0.08   | 33.97<br>-1.64<br>0.00   | 31.83<br>-1.50<br>0.00   | 34.58<br>-1.67<br>0.00   | 36.96<br>-1.66<br>0.00   | 37.79<br>-1.74<br>0.00   | 40.28<br>-1.81<br>0.00   | 38.84<br>-1.75<br>0.00   | 43.08<br>-1.63<br>0.48   | 52.45<br>-1.44<br>1.67   | 65.81<br>-1.78<br>3.76   | 83.76<br>-1.02<br>0.00   | 86.80<br>-0.52<br>0.00 | 84.15<br>-1.28<br>0.00  | 55.13<br>-2.10<br>2.79  | 45.79<br>-1.82<br>1.52   | 42.59<br>-1.18<br>0.00  |
| STA_56____34_KV_BUS2<br>355983           | 37.13<br>-1.51<br>0.00 | 28.56<br>-1.35<br>-0.50 | 26.72<br>-1.24<br>-0.43 | 26.92<br>-1.43<br>-0.29 | 28.40<br>-1.65<br>0.00 | 30.64<br>-1.85<br>-0.02 | 37.31<br>-1.80<br>0.00   | 37.20<br>-1.72<br>0.08   | 33.97<br>-1.64<br>0.00   | 31.83<br>-1.50<br>0.00   | 34.58<br>-1.67<br>0.00   | 36.96<br>-1.66<br>0.00   | 37.79<br>-1.74<br>0.00   | 40.28<br>-1.81<br>0.00   | 38.84<br>-1.75<br>0.00   | 43.08<br>-1.63<br>0.48   | 52.45<br>-1.44<br>1.67   | 65.81<br>-1.78<br>3.76   | 83.76<br>-1.02<br>0.00   | 86.80<br>-0.52<br>0.00 | 84.15<br>-1.28<br>0.00  | 55.13<br>-2.10<br>2.79  | 45.79<br>-1.82<br>1.52   | 42.59<br>-1.18<br>0.00  |
| STA_67____115KV_BK2<br>355882            | 37.28<br>-1.35<br>0.00 | 28.62<br>-1.29<br>-0.51 | 26.81<br>-1.16<br>-0.43 | 26.98<br>-1.37<br>-0.29 | 28.46<br>-1.59<br>0.00 | 30.71<br>-1.79<br>-0.03 | 37.43<br>-1.76<br>0.00   | 37.27<br>-1.64<br>0.09   | 34.01<br>-1.60<br>-0.01  | 31.90<br>-1.43<br>0.00   | 34.66<br>-1.59<br>0.00   | 37.03<br>-1.58<br>0.00   | 37.87<br>-1.66<br>0.00   | 40.32<br>-1.77<br>-0.01  | 38.84<br>-1.75<br>0.00   | 43.13<br>-1.58<br>0.48   | 52.50<br>-1.39<br>1.67   | 65.87<br>-1.71<br>3.77   | 84.01<br>-0.76<br>0.00   | 87.06<br>-0.26<br>0.00 | 84.32<br>-1.11<br>0.00  | 55.18<br>-2.04<br>2.80  | 45.89<br>-1.72<br>1.53   | 42.72<br>-1.05<br>0.00  |
| STA_7____115KV_9TRANS<br>80674           | 37.44<br>-1.20<br>0.00 | 28.77<br>-1.15<br>-0.50 | 26.92<br>-1.05<br>-0.43 | 27.09<br>-1.26<br>-0.29 | 28.55<br>-1.50<br>0.00 | 30.84<br>-1.66<br>-0.03 | 37.58<br>-1.53<br>0.00   | 37.47<br>-1.44<br>0.09   | 34.22<br>-1.39<br>0.00   | 32.06<br>-1.27<br>0.00   | 34.87<br>-1.38<br>0.00   | 37.26<br>-1.35<br>0.00   | 38.10<br>-1.42<br>0.00   | 40.62<br>-1.47<br>-0.01  | 39.17<br>-1.42<br>0.00   | 43.48<br>-1.22<br>0.48   | 52.99<br>-0.89<br>1.69   | 66.47<br>-1.07<br>3.81   | 84.69<br>-0.08<br>0.00   | 87.76<br>0.44<br>0.00  | 85.00<br>-0.43<br>0.00  | 55.63<br>-1.56<br>2.83  | 46.26<br>-1.33<br>1.54   | 43.03<br>-0.74<br>0.00  |
| STA_82____115KV_TB1<br>80780             | 37.20<br>-1.43<br>0.00 | 28.59<br>-1.32<br>-0.51 | 26.75<br>-1.21<br>-0.43 | 26.95<br>-1.40<br>-0.29 | 28.40<br>-1.65<br>0.00 | 30.64<br>-1.85<br>-0.03 | 37.35<br>-1.76<br>0.00   | 37.20<br>-1.72<br>0.09   | 33.94<br>-1.67<br>-0.01  | 31.83<br>-1.50<br>0.00   | 34.59<br>-1.67<br>0.00   | 36.96<br>-1.66<br>0.00   | 37.75<br>-1.78<br>0.00   | 40.24<br>-1.85<br>-0.01  | 38.76<br>-1.83<br>0.00   | 42.99<br>-1.72<br>0.48   | 52.34<br>-1.56<br>1.67   | 65.73<br>-1.86<br>3.77   | 83.76<br>-1.02<br>0.00   | 86.88<br>-0.44<br>0.00 | 84.06<br>-1.37<br>0.00  | 55.06<br>-2.16<br>2.80  | 45.79<br>-1.82<br>1.52   | 42.64<br>-1.14<br>0.00  |
| STEEL____WIND<br>323596                  | 35.39<br>-3.25<br>0.00 | 26.86<br>-3.24<br>-0.69 | 25.12<br>-3.00<br>-0.59 | 25.15<br>-3.31<br>-0.40 | 26.47<br>-3.58<br>0.00 | 28.68<br>-3.64<br>0.15  | 24.09<br>-4.30<br>10.71  | 23.24<br>-3.78<br>11.98  | 24.00<br>-2.53<br>9.08   | 25.31<br>-2.30<br>5.72   | 26.76<br>-2.47<br>7.02   | 29.76<br>-2.51<br>6.34   | 28.86<br>-2.61<br>8.05   | 26.88<br>-2.95<br>12.25  | 29.39<br>-2.96<br>8.23   | 31.39<br>-3.07<br>10.72  | 39.97<br>-3.06<br>12.54  | 53.14<br>-4.28<br>13.94  | 64.92<br>-3.73<br>16.13  | 83.48<br>-3.84<br>0.00 | 80.02<br>-5.38<br>0.03  | 49.35<br>-4.14<br>6.53  | 40.09<br>-3.29<br>5.75   | 40.57<br>-3.19<br>0.01  |
| STEPHTWN_115KV_BK_2<br>55603             | 39.83<br>1.20<br>0.00  | 34.86<br>1.12<br>-4.33  | 32.33<br>1.10<br>-3.70  | 31.72<br>1.15<br>-2.51  | 31.25<br>1.20<br>0.00  | 33.70<br>1.23<br>0.00   | 40.36<br>1.25<br>0.00    | 40.21<br>1.21<br>0.00    | 36.61<br>1.00<br>0.00    | 34.13<br>0.80<br>0.00    | 37.15<br>0.91<br>0.00    | 39.50<br>0.89<br>0.00    | 40.55<br>1.03<br>0.00    | 43.39<br>1.30<br>0.00    | 41.88<br>1.30<br>0.00    | 46.68<br>1.49<br>0.00    | 57.23<br>1.67<br>0.00    | 73.78<br>2.43<br>0.00    | 88.25<br>3.48<br>0.00    | 90.81<br>3.49<br>0.00  | 88.93<br>3.50<br>0.00   | 62.24<br>2.22<br>0.00   | 50.75<br>1.62<br>0.00    | 45.04<br>1.27<br>0.00   |
| STEBEN_REC_LFGE<br>323667                | 37.20<br>-1.43<br>0.00 | 28.72<br>-1.59<br>-0.89 | 26.76<br>-1.54<br>-0.76 | 26.90<br>-1.68<br>-0.52 | 28.27<br>-1.77<br>0.00 | 30.94<br>-1.62<br>-0.10 | 57.38<br>-1.96<br>-20.22 | 61.44<br>-1.68<br>-24.12 | 54.07<br>-1.03<br>-19.49 | 44.58<br>-1.00<br>-12.26 | 50.16<br>-1.16<br>-15.07 | 51.06<br>-1.16<br>-13.61 | 55.54<br>-1.26<br>-17.28 | 67.09<br>-1.43<br>-26.44 | 56.51<br>-1.75<br>-17.67 | 65.29<br>-1.81<br>-21.91 | 81.42<br>-1.39<br>-27.25 | 94.29<br>-1.50<br>-24.43 | 129.49<br>0.59<br>-44.12 | 89.18<br>1.05<br>-0.81 | 86.99<br>-0.09<br>-1.64 | 66.97<br>-1.32<br>-8.27 | 57.77<br>-1.42<br>-10.06 | 42.05<br>-1.75<br>-0.03 |
| STILLWATER____SOLAR<br>323814            | 40.45<br>1.82<br>0.00  | 35.44<br>1.59<br>-4.44  | 32.70<br>1.38<br>-3.79  | 32.09<br>1.46<br>-2.57  | 31.58<br>1.53<br>0.00  | 34.06<br>1.59<br>0.00   | 40.95<br>1.84<br>0.00    | 40.71<br>1.71<br>0.00    | 36.89<br>1.28<br>0.00    | 34.29<br>0.97<br>0.00    | 37.34<br>1.09<br>0.00    | 39.62<br>1.00<br>0.00    | 40.63<br>1.11<br>0.00    | 43.47<br>1.39<br>0.00    | 41.92<br>1.34<br>0.00    | 46.59<br>1.40<br>0.00    | 57.40<br>1.83<br>0.00    | 74.06<br>2.71<br>0.00    | 88.93<br>4.15<br>0.00    | 91.77<br>4.45<br>0.00  | 89.95<br>4.52<br>0.00   | 63.08<br>3.06<br>0.00   | 51.49<br>2.36<br>0.00    | 45.88<br>2.10<br>0.00   |

|  |                        |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                          |                         |                        |                        |                        |                        |                        |
|--|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| STONY___BROOK<br>24151                   | 42.43<br>3.79<br>-0.01 | 36.00<br>2.80<br>-3.79  | 33.30<br>2.53<br>-3.24  | 32.73<br>2.47<br>-2.20  | 32.87<br>2.82<br>0.00  | 35.26<br>2.79<br>0.00  | 42.43<br>3.32<br>0.00  | 42.86<br>3.82<br>-0.04 | 39.03<br>3.42<br>0.00  | 36.77<br>3.43<br>-0.01 | 39.88<br>3.62<br>-0.01 | 42.98<br>4.36<br>-0.01 | 46.48<br>4.46<br>-2.50 | 52.06<br>4.34<br>-5.64  | 52.40<br>3.98<br>-7.84  | 56.34<br>4.43<br>-6.72  | 70.82<br>5.50<br>-9.75  | 87.05<br>6.71<br>-8.99   | 94.93<br>9.24<br>-0.91  | 96.48<br>9.17<br>0.00  | 93.20<br>7.77<br>0.00  | 68.98<br>5.46<br>-3.49 | 53.46<br>4.32<br>0.00  | 48.03<br>4.24<br>-0.01 |
| STURGEON_POOL_HYD<br>23609               | 41.22<br>2.59<br>0.00  | 35.08<br>1.82<br>-3.84  | 32.52<br>1.71<br>-3.28  | 31.92<br>1.63<br>-2.23  | 31.79<br>1.74<br>0.00  | 34.25<br>1.79<br>0.00  | 41.30<br>2.19<br>0.00  | 41.42<br>2.42<br>0.00  | 37.99<br>2.39<br>0.00  | 35.83<br>2.50<br>0.00  | 38.93<br>2.68<br>0.00  | 41.59<br>2.97<br>0.00  | 43.04<br>3.52<br>0.00  | 45.91<br>3.83<br>0.00   | 44.24<br>3.65<br>0.00   | 49.21<br>4.02<br>0.00   | 60.62<br>5.06<br>0.00   | 78.20<br>6.85<br>0.00    | 93.17<br>8.39<br>0.00   | 95.79<br>8.47<br>0.00  | 92.78<br>7.35<br>0.00  | 64.34<br>4.32<br>0.00  | 52.57<br>3.44<br>0.00  | 46.75<br>2.98<br>0.00  |
| ST_LAW_115_BK7_LBMP<br>345037            | 38.09<br>-0.54<br>0.00 | 29.00<br>-0.41<br>0.00  | 27.12<br>-0.41<br>0.00  | 27.70<br>-0.37<br>0.00  | 29.72<br>-0.33<br>0.00 | 32.11<br>-0.36<br>0.00 | 38.68<br>-0.43<br>0.00 | 38.45<br>-0.55<br>0.00 | 35.14<br>-0.46<br>0.00 | 32.86<br>-0.47<br>0.00 | 35.74<br>-0.51<br>0.00 | 38.07<br>-0.54<br>0.00 | 38.97<br>-0.55<br>0.00 | 41.45<br>-0.63<br>0.00  | 39.93<br>-0.65<br>0.00  | 44.46<br>-0.72<br>0.00  | 54.45<br>-1.11<br>0.00  | 69.78<br>-1.57<br>0.00   | 82.40<br>-2.37<br>0.00  | 84.88<br>-2.44<br>0.00 | 83.21<br>-2.22<br>0.00 | 58.88<br>-1.14<br>0.00 | 48.35<br>-0.79<br>0.00 | 43.12<br>-0.66<br>0.00 |
| ST_LAW_115_BK8_LBMP<br>345038            | 38.09<br>-0.54<br>0.00 | 29.00<br>-0.41<br>0.00  | 27.12<br>-0.41<br>0.00  | 27.70<br>-0.37<br>0.00  | 29.72<br>-0.33<br>0.00 | 32.11<br>-0.36<br>0.00 | 38.68<br>-0.43<br>0.00 | 38.45<br>-0.55<br>0.00 | 35.14<br>-0.46<br>0.00 | 32.86<br>-0.47<br>0.00 | 35.74<br>-0.51<br>0.00 | 38.07<br>-0.54<br>0.00 | 38.97<br>-0.55<br>0.00 | 41.45<br>-0.63<br>0.00  | 39.93<br>-0.65<br>0.00  | 44.46<br>-0.72<br>0.00  | 54.45<br>-1.11<br>0.00  | 69.78<br>-1.57<br>0.00   | 82.40<br>-2.37<br>0.00  | 84.88<br>-2.44<br>0.00 | 83.21<br>-2.22<br>0.00 | 58.88<br>-1.14<br>0.00 | 48.35<br>-0.79<br>0.00 | 43.12<br>-0.66<br>0.00 |
| ST_LAW_230_BK5_LBMP<br>345035            | 38.13<br>-0.50<br>0.00 | 29.03<br>-0.38<br>0.00  | 27.15<br>-0.39<br>0.00  | 27.73<br>-0.34<br>0.00  | 29.72<br>-0.33<br>0.00 | 32.14<br>-0.32<br>0.00 | 38.72<br>-0.39<br>0.00 | 38.53<br>-0.47<br>0.00 | 35.18<br>-0.43<br>0.00 | 32.89<br>-0.43<br>0.00 | 35.78<br>-0.47<br>0.00 | 38.15<br>-0.46<br>0.00 | 39.01<br>-0.51<br>0.00 | 41.54<br>-0.55<br>0.00  | 40.02<br>-0.57<br>0.00  | 44.55<br>-0.63<br>0.00  | 54.57<br>-1.00<br>0.00  | 69.93<br>-1.43<br>0.00   | 82.57<br>-2.20<br>0.00  | 84.97<br>-2.35<br>0.00 | 83.38<br>-2.05<br>0.00 | 58.94<br>-1.08<br>0.00 | 48.40<br>-0.74<br>0.00 | 43.16<br>-0.61<br>0.00 |
| ST_LAW_230_BK6_LBMP<br>345036            | 38.13<br>-0.50<br>0.00 | 29.03<br>-0.38<br>0.00  | 27.15<br>-0.39<br>0.00  | 27.73<br>-0.34<br>0.00  | 29.72<br>-0.33<br>0.00 | 32.14<br>-0.32<br>0.00 | 38.72<br>-0.39<br>0.00 | 38.53<br>-0.47<br>0.00 | 35.18<br>-0.43<br>0.00 | 32.89<br>-0.43<br>0.00 | 35.78<br>-0.47<br>0.00 | 38.15<br>-0.46<br>0.00 | 39.01<br>-0.51<br>0.00 | 41.54<br>-0.55<br>0.00  | 40.02<br>-0.57<br>0.00  | 44.55<br>-0.63<br>0.00  | 54.57<br>-1.00<br>0.00  | 69.93<br>-1.43<br>0.00   | 82.57<br>-2.20<br>0.00  | 84.97<br>-2.35<br>0.00 | 83.38<br>-2.05<br>0.00 | 58.94<br>-1.08<br>0.00 | 48.40<br>-0.74<br>0.00 | 43.16<br>-0.61<br>0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G<br>345026 | 41.11<br>2.47<br>0.00  | 34.89<br>1.82<br>-3.65  | 32.39<br>1.73<br>-3.12  | 31.83<br>1.66<br>-2.12  | 31.70<br>1.65<br>0.00  | 34.19<br>1.72<br>0.00  | 41.18<br>2.07<br>0.00  | 41.34<br>2.34<br>0.00  | 37.89<br>2.28<br>0.00  | 35.76<br>2.43<br>0.00  | 38.89<br>2.65<br>0.00  | 41.55<br>2.93<br>0.00  | 52.74<br>3.48<br>-9.74 | 67.90<br>3.79<br>-22.03 | 74.78<br>3.57<br>-30.63 | 72.80<br>3.89<br>-23.73 | 89.85<br>4.83<br>-29.45 | 107.71<br>6.42<br>-29.93 | 92.12<br>7.88<br>0.54   | 95.26<br>7.95<br>0.00  | 92.35<br>6.92<br>0.00  | 64.04<br>4.02<br>0.00  | 52.33<br>3.19<br>0.00  | 46.53<br>2.76<br>0.00  |
| SWANROAD_115KV_TB1<br>355699             | 34.42<br>-4.21<br>0.00 | 26.16<br>-3.88<br>-0.63 | 24.58<br>-3.50<br>-0.54 | 24.58<br>-3.84<br>-0.37 | 25.78<br>-4.27<br>0.00 | 27.70<br>-4.61<br>0.16 | 26.24<br>-4.61<br>8.25 | 25.14<br>-4.33<br>9.53 | 24.98<br>-3.77<br>6.86 | 25.64<br>-3.37<br>4.32 | 27.24<br>-3.70<br>5.31 | 29.96<br>-3.86<br>4.79 | 29.37<br>-4.07<br>6.08 | 28.41<br>-4.42<br>9.26  | 29.94<br>-4.42<br>6.22  | 32.17<br>-4.79<br>8.23  | 38.10<br>-5.50<br>11.96 | 50.69<br>-7.56<br>13.10  | 63.63<br>-7.55<br>13.60 | 80.16<br>-7.16<br>0.00 | 76.78<br>-8.63<br>0.03 | 46.97<br>-7.02<br>6.03 | 38.73<br>-5.06<br>5.34 | 39.47<br>-4.29<br>0.01 |
| SYNERGY___BIOGAS<br>323694               | 36.24<br>-2.40<br>0.00 | 27.64<br>-2.35<br>-0.59 | 25.91<br>-2.12<br>-0.50 | 25.96<br>-2.44<br>-0.34 | 27.31<br>-2.73<br>0.00 | 29.11<br>-2.92<br>0.44 | 30.75<br>-2.78<br>5.58 | 29.99<br>-2.50<br>6.52 | 28.70<br>-2.21<br>4.70 | 28.34<br>-2.03<br>2.96 | 30.30<br>-2.32<br>3.63 | 32.94<br>-2.39<br>3.28 | 32.83<br>-2.53<br>4.17 | 33.01<br>-2.74<br>6.34  | 33.65<br>-2.68<br>4.26  | 36.69<br>-2.71<br>5.79  | 44.71<br>-2.61<br>8.25  | 58.28<br>-3.28<br>9.79   | 74.72<br>-1.87<br>8.19  | 86.27<br>-1.05<br>0.00 | 82.93<br>-2.48<br>0.02 | 51.98<br>-3.12<br>4.92 | 42.74<br>-2.31<br>4.09 | 41.89<br>-1.88<br>0.01 |
| SYRACUSE___ENERGY_ST1<br>323597          | 38.44<br>-0.19<br>0.00 | 29.72<br>-0.12<br>-0.43 | 27.73<br>-0.17<br>-0.36 | 28.11<br>-0.20<br>-0.25 | 29.81<br>-0.24<br>0.00 | 32.24<br>-0.23<br>0.00 | 38.91<br>-0.20<br>0.00 | 38.84<br>-0.16<br>0.00 | 35.50<br>-0.11<br>0.00 | 33.23<br>-0.10<br>0.00 | 36.14<br>-0.11<br>0.00 | 38.54<br>-0.08<br>0.00 | 39.36<br>-0.16<br>0.00 | 42.29<br>-0.17<br>-0.38 | 40.46<br>-0.12<br>0.00  | 45.14<br>-0.05<br>0.00  | 55.79<br>0.22<br>0.00   | 71.78<br>0.43<br>0.00    | 88.76<br>1.19<br>-2.80  | 91.20<br>1.31<br>-2.57 | 91.62<br>1.20<br>-5.00 | 60.32<br>0.30<br>0.00  | 49.18<br>0.05<br>0.00  | 43.82<br>0.04<br>0.00  |
| SYRACUSE___ENERGY_ST2<br>323598          | 38.44<br>-0.19<br>0.00 | 29.72<br>-0.12<br>-0.43 | 27.73<br>-0.17<br>-0.36 | 28.11<br>-0.20<br>-0.25 | 29.81<br>-0.24<br>0.00 | 32.24<br>-0.23<br>0.00 | 38.91<br>-0.20<br>0.00 | 38.84<br>-0.16<br>0.00 | 35.50<br>-0.11<br>0.00 | 33.23<br>-0.10<br>0.00 | 36.14<br>-0.11<br>0.00 | 38.54<br>-0.08<br>0.00 | 39.36<br>-0.16<br>0.00 | 42.29<br>-0.17<br>-0.38 | 40.46<br>-0.12<br>0.00  | 45.14<br>-0.05<br>0.00  | 55.79<br>0.22<br>0.00   | 71.78<br>0.43<br>0.00    | 88.76<br>1.19<br>-2.80  | 91.20<br>1.31<br>-2.57 | 91.62<br>1.20<br>-5.00 | 60.32<br>0.30<br>0.00  | 49.18<br>0.05<br>0.00  | 43.82<br>0.04<br>0.00  |
| SYRACUSE___POWER<br>24017                | 38.40<br>-0.23<br>0.00 | 29.65<br>-0.21<br>-0.44 | 27.69<br>-0.22<br>-0.38 | 28.07<br>-0.25<br>-0.26 | 29.75<br>-0.30<br>0.00 | 32.17<br>-0.29<br>0.00 | 38.83<br>-0.27<br>0.00 | 38.76<br>-0.23<br>0.00 | 35.43<br>-0.18<br>0.00 | 33.16<br>-0.17<br>0.00 | 36.07<br>-0.18<br>0.00 | 38.46<br>-0.15<br>0.00 | 39.28<br>-0.24<br>0.00 | 42.08<br>-0.25<br>-0.25 | 40.34<br>-0.24<br>0.00  | 44.90<br>-0.14<br>0.15  | 55.17<br>0.11<br>0.51   | 70.41<br>0.21<br>1.15    | 87.63<br>1.02<br>-1.83  | 90.14<br>1.14<br>-1.68 | 89.72<br>1.03<br>-3.27 | 59.34<br>0.18<br>0.86  | 48.62<br>-0.05<br>0.47 | 43.73<br>-0.04<br>0.00 |
| TALLMAN__138KV_BK151<br>55660            | 41.38<br>2.74<br>0.00  | 35.15<br>2.03<br>-3.71  | 32.63<br>1.93<br>-3.17  | 32.06<br>1.85<br>-2.15  | 31.91<br>1.86<br>0.00  | 34.38<br>1.92<br>0.00  | 41.46<br>2.35<br>0.00  | 41.65<br>2.65<br>0.00  | 38.21<br>2.60<br>0.00  | 36.12<br>2.80<br>0.00  | 39.29<br>3.04<br>0.00  | 42.01<br>3.40<br>0.00  | 49.39<br>3.95<br>-5.92 | 59.76<br>4.29<br>-13.39 | 63.25<br>4.06<br>-18.61 | 63.74<br>4.38<br>-14.17 | 78.11<br>5.50<br>-17.04 | 96.17<br>7.14<br>-17.68  | 92.78<br>8.73<br>0.73   | 96.05<br>8.73<br>0.00  | 93.03<br>7.60<br>0.00  | 64.46<br>4.44<br>0.00  | 52.67<br>3.54<br>0.00  | 46.93<br>3.15<br>0.00  |
| TEALLAVE_115KV_TB7<br>355573             | 38.25<br>-0.39<br>0.00 | 29.49<br>-0.29<br>-0.37 | 27.52<br>-0.33<br>-0.32 | 27.91<br>-0.36<br>-0.22 | 29.63<br>-0.42<br>0.00 | 32.04<br>-0.42<br>0.00 | 38.68<br>-0.43<br>0.00 | 38.61<br>-0.39<br>0.00 | 35.29<br>-0.32<br>0.00 | 33.06<br>-0.27<br>0.00 | 35.92<br>-0.33<br>0.00 | 38.30<br>-0.31<br>0.00 | 39.13<br>-0.40<br>0.00 | 41.87<br>-0.42<br>-0.20 | 40.22<br>-0.37<br>0.00  | 44.66<br>-0.32<br>0.21  | 54.70<br>-0.17<br>0.69  | 69.64<br>-0.14<br>1.57   | 86.79<br>0.51<br>-1.50  | 89.40<br>0.70<br>-1.38 | 88.63<br>0.51<br>-2.69 | 58.74<br>-0.12<br>1.17 | 48.20<br>-0.29<br>0.63 | 43.56<br>-0.22<br>0.00 |
| TELGRAPH_34_KV_EAST<br>80808             | 35.50<br>-3.13<br>0.00 | 27.02<br>-3.00<br>-0.60 | 25.35<br>-2.70<br>-0.52 | 25.38<br>-3.03<br>-0.35 | 26.68<br>-3.37<br>0.00 | 28.65<br>-3.64<br>0.18 | 28.71<br>-3.64<br>6.76 | 27.83<br>-3.31<br>7.85 | 27.11<br>-2.85<br>5.65 | 27.20<br>-2.57<br>3.56 | 29.05<br>-2.83<br>4.37 | 31.73<br>-2.93<br>3.95 | 31.43<br>-3.08<br>5.01 | 31.09<br>-3.37<br>7.63  | 32.14<br>-3.33<br>5.12  | 34.84<br>-3.48<br>6.86  | 42.37<br>-3.67<br>9.53  | 55.46<br>-4.92<br>10.97  | 70.87<br>-4.15<br>9.76  | 83.65<br>-3.67<br>0.00 | 80.28<br>-5.13<br>0.02 | 49.94<br>-4.74<br>5.34 | 41.05<br>-3.49<br>4.59 | 40.88<br>-2.89<br>0.01 |

|   |                        |                         |                         |                         |                        |                         |                        |                        |                         |                        |                         |                        |                         |                         |                         |                         |                         |                          |                          |                        |                        |                         |                        |                        |
|---|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| TEMPLE___115KV_TB 2<br>55572                  | 38.25<br>-0.39<br>0.00 | 29.49<br>-0.29<br>-0.38 | 27.55<br>-0.30<br>-0.32 | 27.94<br>-0.34<br>-0.22 | 29.66<br>-0.39<br>0.00 | 32.08<br>-0.39<br>0.00  | 38.68<br>-0.43<br>0.00 | 38.65<br>-0.35<br>0.00 | 35.32<br>-0.28<br>0.00  | 33.09<br>-0.23<br>0.00 | 35.96<br>-0.29<br>0.00  | 38.34<br>-0.27<br>0.00 | 39.17<br>-0.36<br>0.00  | 41.91<br>-0.38<br>-0.20 | 40.26<br>-0.32<br>0.00  | 44.70<br>-0.27<br>0.21  | 54.80<br>-0.06<br>0.71  | 69.69<br>-0.07<br>1.59   | 86.87<br>0.59<br>-1.50   | 89.40<br>0.70<br>-1.38 | 88.62<br>0.51<br>-2.68 | 58.72<br>-0.12<br>1.18  | 48.24<br>-0.25<br>0.64 | 43.56<br>-0.22<br>0.00 |
| TIANA____69_KV_BK 1<br>55817                  | 42.39<br>3.75<br>-0.01 | 36.02<br>2.82<br>-3.79  | 33.25<br>2.48<br>-3.24  | 32.67<br>2.41<br>-2.20  | 32.93<br>2.88<br>0.00  | 35.36<br>2.89<br>0.00   | 42.86<br>3.75<br>0.00  | 43.05<br>4.06<br>0.00  | 39.06<br>3.45<br>0.00   | 36.77<br>3.43<br>-0.01 | 39.88<br>3.62<br>-0.01  | 42.99<br>4.36<br>-0.01 | 46.44<br>4.43<br>-2.50  | 52.06<br>4.33<br>-5.64  | 52.40<br>3.98<br>-7.84  | 56.30<br>4.47<br>-6.64  | 70.83<br>5.78<br>-9.49  | 87.61<br>7.42<br>-8.83   | 95.73<br>10.17<br>-0.78  | 97.53<br>10.22<br>0.00 | 94.40<br>8.97<br>0.00  | 69.09<br>5.76<br>-3.31  | 53.46<br>4.32<br>0.00  | 47.90<br>4.11<br>-0.01 |
| TILDEN___115KV_TB1<br>80814                   | 38.40<br>-0.23<br>0.00 | 29.65<br>-0.21<br>-0.44 | 27.69<br>-0.22<br>-0.38 | 28.07<br>-0.25<br>-0.26 | 29.75<br>-0.30<br>0.00 | 32.17<br>-0.29<br>0.00  | 38.83<br>-0.27<br>0.00 | 38.76<br>-0.23<br>0.00 | 35.43<br>-0.18<br>0.00  | 33.16<br>-0.17<br>0.00 | 36.07<br>-0.18<br>0.00  | 38.46<br>-0.15<br>0.00 | 39.28<br>-0.24<br>0.00  | 42.08<br>-0.25<br>-0.25 | 40.34<br>-0.24<br>0.00  | 44.90<br>-0.14<br>0.15  | 55.17<br>0.11<br>0.51   | 70.41<br>0.21<br>1.15    | 87.63<br>1.02<br>-1.83   | 90.14<br>1.14<br>-1.68 | 89.72<br>1.03<br>-3.27 | 59.34<br>0.18<br>0.86   | 48.62<br>-0.05<br>0.47 | 43.73<br>-0.04<br>0.00 |
| TRIGEN___CC<br>323695                         | 41.93<br>3.28<br>-0.02 | 35.67<br>2.47<br>-3.79  | 33.00<br>2.23<br>-3.24  | 32.39<br>2.13<br>-2.20  | 32.42<br>2.37<br>0.00  | 34.80<br>2.34<br>0.00   | 42.08<br>2.97<br>0.00  | 42.31<br>3.31<br>0.00  | 38.71<br>3.10<br>0.00   | 36.47<br>3.13<br>-0.01 | 39.59<br>3.33<br>-0.01  | 42.52<br>3.90<br>-0.01 | 46.25<br>4.23<br>-2.50  | 52.06<br>4.33<br>-5.64  | 52.44<br>4.02<br>-7.84  | 64.01<br>4.38<br>-14.44 | 97.26<br>5.56<br>-36.14 | 103.74<br>7.28<br>-25.11 | 107.84<br>9.58<br>-13.48 | 96.88<br>9.52<br>-0.04 | 93.84<br>8.37<br>-0.04 | 89.55<br>5.16<br>-24.36 | 53.11<br>3.98<br>0.00  | 47.51<br>3.72<br>-0.02 |
| TRINITY___115KV___ 4 BK<br>55933              | 39.56<br>0.93<br>0.00  | 34.66<br>0.91<br>-4.34  | 32.17<br>0.94<br>-3.70  | 31.53<br>0.95<br>-2.51  | 31.04<br>0.99<br>0.00  | 33.47<br>1.01<br>0.00   | 40.05<br>0.94<br>0.00  | 39.90<br>0.90<br>0.00  | 36.36<br>0.75<br>0.00   | 33.93<br>0.60<br>0.00  | 36.94<br>0.69<br>0.00   | 39.27<br>0.66<br>0.00  | 40.35<br>0.83<br>0.00   | 43.14<br>1.05<br>0.00   | 41.60<br>1.01<br>0.00   | 46.27<br>1.08<br>0.00   | 56.62<br>1.06<br>0.00   | 72.85<br>1.50<br>0.00    | 86.98<br>2.20<br>0.00    | 89.59<br>2.27<br>0.00  | 87.65<br>2.22<br>0.00  | 61.40<br>1.38<br>0.00   | 50.17<br>1.03<br>0.00  | 44.61<br>0.83<br>0.00  |
| UNION___PROCESSING_DRP<br>323587              | 37.20<br>-1.43<br>0.00 | 28.59<br>-1.32<br>-0.51 | 26.75<br>-1.21<br>-0.43 | 26.95<br>-1.40<br>-0.29 | 28.43<br>-1.62<br>0.00 | 30.68<br>-1.82<br>-0.03 | 37.39<br>-1.72<br>0.00 | 37.20<br>-1.72<br>0.09 | 33.98<br>-1.64<br>-0.01 | 31.83<br>-1.50<br>0.00 | 34.59<br>-1.67<br>-0.01 | 36.96<br>-1.66<br>0.00 | 37.79<br>-1.74<br>-0.01 | 40.24<br>-1.85<br>-0.01 | 38.76<br>-1.83<br>-0.01 | 42.99<br>-1.72<br>0.47  | 52.35<br>-1.56<br>1.66  | 65.75<br>-1.86<br>3.75   | 83.76<br>-1.02<br>0.00   | 86.88<br>-0.44<br>0.00 | 84.15<br>-1.28<br>0.00 | 55.08<br>-2.16<br>2.78  | 45.80<br>-1.82<br>1.52 | 42.68<br>-1.09<br>0.00 |
| UPPER HUDSON___HYD<br>24058                   | 40.68<br>2.05<br>0.00  | 35.63<br>1.76<br>-4.46  | 32.85<br>1.51<br>-3.81  | 32.24<br>1.60<br>-2.58  | 31.73<br>1.68<br>0.00  | 34.22<br>1.75<br>0.00   | 41.18<br>2.07<br>0.00  | 40.95<br>1.95<br>0.00  | 37.03<br>1.43<br>0.00   | 34.42<br>1.10<br>0.00  | 37.48<br>1.23<br>0.00   | 39.77<br>1.16<br>0.00  | 40.75<br>1.23<br>0.00   | 43.64<br>1.56<br>0.00   | 42.00<br>1.42<br>0.00   | 46.04<br>0.86<br>0.00   | 56.79<br>1.22<br>0.00   | 73.28<br>1.93<br>0.00    | 88.26<br>3.48<br>0.00    | 91.16<br>3.84<br>0.00  | 89.36<br>3.93<br>0.00  | 62.72<br>2.70<br>0.00   | 51.10<br>1.97<br>0.00  | 46.31<br>2.54<br>0.00  |
| UPPER RAQUET___HYD<br>24056                   | 37.63<br>-1.00<br>0.00 | 28.71<br>-0.76<br>-0.06 | 26.82<br>-0.77<br>-0.05 | 27.31<br>-0.79<br>-0.04 | 29.24<br>-0.81<br>0.00 | 31.72<br>-0.75<br>0.00  | 37.74<br>-1.37<br>0.00 | 37.13<br>-1.87<br>0.00 | 33.72<br>-1.89<br>0.00  | 31.36<br>-1.97<br>0.00 | 34.07<br>-2.17<br>0.00  | 36.26<br>-2.36<br>0.00 | 37.07<br>-2.45<br>0.00  | 39.48<br>-2.61<br>0.00  | 38.03<br>-2.56<br>0.00  | 42.38<br>-2.80<br>0.00  | 52.12<br>-3.45<br>0.00  | 67.00<br>-4.35<br>0.00   | 80.46<br>-4.32<br>0.00   | 83.39<br>-3.93<br>0.00 | 82.01<br>-3.42<br>0.00 | 57.68<br>-2.34<br>0.00  | 47.27<br>-1.87<br>0.00 | 42.33<br>-1.44<br>0.00 |
| VALLEY44_115KV_TB2<br>355964                  | 35.58<br>-3.05<br>0.00 | 26.88<br>-3.29<br>-0.76 | 25.10<br>-3.08<br>-0.65 | 25.19<br>-3.31<br>-0.44 | 26.71<br>-3.34<br>0.00 | 29.41<br>-2.95<br>0.10  | 31.32<br>-4.22<br>3.57 | 29.44<br>-3.24<br>6.32 | 28.20<br>-0.57<br>6.84  | 28.62<br>-0.40<br>4.30 | 30.52<br>-0.43<br>5.29  | 33.45<br>-0.39<br>4.78 | 33.06<br>-0.40<br>6.06  | 32.27<br>-0.59<br>9.23  | 33.78<br>-0.61<br>6.20  | 36.69<br>-0.36<br>8.13  | 46.54<br>0.39<br>9.41   | 60.04<br>-0.57<br>10.74  | 72.89<br>0.68<br>12.57   | 86.01<br>-1.31<br>0.00 | 82.93<br>-2.48<br>0.03 | 53.82<br>-1.02<br>5.19  | 44.31<br>-0.44<br>4.39 | 41.27<br>-2.50<br>0.01 |
| VALLEY___115KV_TB 1-4<br>80826                | 39.41<br>0.77<br>0.00  | 29.91<br>0.50<br>0.00   | 27.84<br>0.30<br>0.00   | 28.20<br>0.14<br>0.00   | 30.08<br>0.03<br>0.00  | 32.50<br>0.03<br>0.00   | 39.11<br>0.00<br>0.00  | 39.04<br>0.04<br>0.00  | 35.79<br>0.18<br>0.00   | 33.63<br>0.30<br>0.00  | 36.76<br>0.51<br>0.00   | 39.19<br>0.58<br>0.00  | 40.08<br>0.55<br>0.00   | 42.67<br>0.59<br>0.00   | 41.11<br>0.53<br>0.00   | 45.73<br>0.54<br>0.00   | 56.40<br>0.83<br>0.00   | 72.35<br>1.00<br>0.00    | 86.56<br>1.78<br>0.00    | 89.24<br>1.92<br>0.00  | 86.97<br>1.54<br>0.00  | 60.68<br>0.66<br>0.00   | 49.82<br>0.69<br>0.00  | 44.34<br>0.57<br>0.00  |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E<br>345011 | 40.45<br>1.82<br>0.00  | 32.52<br>1.29<br>-1.82  | 30.30<br>1.21<br>-1.55  | 30.24<br>1.12<br>-1.05  | 31.19<br>1.14<br>0.00  | 33.80<br>1.33<br>0.00   | 40.67<br>1.56<br>0.00  | 40.78<br>1.72<br>-0.06 | 37.25<br>1.64<br>0.00   | 34.89<br>1.57<br>0.00  | 38.03<br>1.78<br>0.00   | 40.58<br>1.97<br>0.00  | 41.66<br>2.13<br>0.00   | 44.39<br>2.23<br>-0.07  | 42.74<br>2.15<br>0.00   | 47.55<br>2.44<br>0.07   | 58.93<br>3.61<br>0.25   | 75.22<br>4.42<br>0.56    | 91.57<br>6.27<br>-0.52   | 94.35<br>6.55<br>-0.48 | 92.51<br>6.15<br>-0.93 | 63.32<br>3.72<br>0.42   | 51.76<br>2.85<br>0.23  | 46.14<br>2.36<br>0.00  |
| VISCHER___FERRY HYD<br>24020                  | 40.06<br>1.43<br>0.00  | 35.09<br>1.29<br>-4.39  | 32.47<br>1.18<br>-3.75  | 31.84<br>1.23<br>-2.54  | 31.34<br>1.29<br>0.00  | 33.80<br>1.33<br>0.00   | 40.67<br>1.57<br>0.00  | 40.44<br>1.44<br>0.00  | 36.78<br>1.17<br>0.00   | 34.19<br>0.87<br>0.00  | 37.23<br>0.98<br>0.00   | 39.54<br>0.93<br>0.00  | 40.59<br>1.07<br>0.00   | 43.39<br>1.31<br>0.00   | 41.84<br>1.26<br>0.00   | 46.54<br>1.35<br>0.00   | 57.07<br>1.50<br>0.00   | 73.57<br>2.21<br>0.00    | 87.92<br>3.14<br>0.00    | 90.64<br>3.32<br>0.00  | 88.85<br>3.42<br>0.00  | 62.30<br>2.28<br>0.00   | 50.95<br>1.82<br>0.00  | 45.17<br>1.40<br>0.00  |
| V_A_10_SYNC_DSASP<br>323832                   | 35.66<br>-2.97<br>0.00 | 27.24<br>-2.74<br>-0.57 | 25.57<br>-2.45<br>-0.48 | 25.64<br>-2.75<br>-0.33 | 26.92<br>-3.12<br>0.00 | 28.85<br>-3.51<br>0.11  | 29.56<br>-3.68<br>5.88 | 28.52<br>-3.55<br>6.93 | 27.24<br>-3.31<br>5.06  | 27.18<br>-2.97<br>3.18 | 29.11<br>-3.23<br>3.91  | 31.72<br>-3.36<br>3.53 | 31.52<br>-3.52<br>4.49  | 31.42<br>-3.83<br>6.84  | 32.22<br>-3.77<br>4.59  | 34.95<br>-4.02<br>6.22  | 41.75<br>-4.33<br>9.48  | 54.77<br>-5.64<br>10.95  | 66.30<br>-5.34<br>13.13  | 82.60<br>-4.72<br>0.00 | 79.43<br>-5.98<br>0.02 | 49.21<br>-5.46<br>5.35  | 40.39<br>-4.32<br>4.42 | 40.79<br>-2.98<br>0.01 |
| V_CMM_10_SYNC_DSASP<br>323787                 | 38.25<br>-0.39<br>0.00 | 29.12<br>-0.29<br>0.00  | 27.23<br>-0.30<br>0.00  | 27.78<br>-0.28<br>0.00  | 29.81<br>-0.24<br>0.00 | 32.24<br>-0.23<br>0.00  | 38.80<br>-0.31<br>0.00 | 38.57<br>-0.43<br>0.00 | 35.25<br>-0.36<br>0.00  | 32.96<br>-0.37<br>0.00 | 35.89<br>-0.36<br>0.00  | 38.27<br>-0.35<br>0.00 | 39.13<br>-0.40<br>0.00  | 41.62<br>-0.46<br>0.00  | 40.10<br>-0.49<br>0.00  | 44.64<br>-0.54<br>0.00  | 54.45<br>-1.11<br>0.00  | 69.71<br>-1.64<br>0.00   | 82.32<br>-2.46<br>0.00   | 84.79<br>-2.53<br>0.00 | 83.21<br>-2.22<br>0.00 | 58.88<br>-1.14<br>0.00  | 48.54<br>-0.59<br>0.00 | 43.29<br>-0.48<br>0.00 |
| V_CMP_10_SYNC_DSASP<br>323788                 | 38.59<br>-0.04<br>0.00 | 29.35<br>-0.06<br>0.00  | 27.42<br>-0.11<br>0.00  | 27.92<br>-0.14<br>0.00  | 29.99<br>-0.06<br>0.00 | 32.43<br>-0.03<br>0.00  | 39.11<br>0.00<br>0.00  | 38.92<br>-0.08<br>0.00 | 35.57<br>-0.04<br>0.00  | 33.26<br>-0.07<br>0.00 | 36.18<br>-0.07<br>0.00  | 38.57<br>-0.04<br>0.00 | 39.40<br>-0.12<br>0.00  | 41.92<br>-0.17<br>0.00  | 40.34<br>-0.24<br>0.00  | 44.91<br>-0.27<br>0.00  | 54.68<br>-0.89<br>0.00  | 69.71<br>-1.64<br>0.00   | 82.40<br>-2.37<br>0.00   | 84.79<br>-2.53<br>0.00 | 83.04<br>-2.39<br>0.00 | 58.64<br>-1.38<br>0.00  | 48.54<br>-0.59<br>0.00 | 43.21<br>-0.57<br>0.00 |



|  |                        |                         |                         |                         |                        |                        |                         |                         |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                          |                         |                        |                        |                        |                        |
|--|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| V_D_10_SYNC_DSASP<br>323841                | 38.32<br>-0.31<br>0.00 | 29.18<br>-0.24<br>0.00  | 27.26<br>-0.28<br>0.00  | 27.81<br>-0.25<br>0.00  | 29.87<br>-0.18<br>0.00 | 32.30<br>-0.16<br>0.00 | 38.87<br>-0.23<br>0.00  | 38.65<br>-0.35<br>0.00  | 35.29<br>-0.32<br>0.00 | 32.99<br>-0.33<br>0.00 | 35.89<br>-0.36<br>0.00 | 38.27<br>-0.35<br>0.00 | 39.13<br>-0.40<br>0.00 | 41.62<br>-0.46<br>0.00  | 40.10<br>-0.49<br>0.00  | 44.64<br>-0.54<br>0.00  | 54.73<br>-0.83<br>0.00  | 70.14<br>-1.21<br>0.00  | 83.00<br>-1.78<br>0.00   | 85.57<br>-1.75<br>0.00  | 83.98<br>-1.45<br>0.00 | 59.30<br>-0.72<br>0.00 | 48.74<br>-0.39<br>0.00 | 43.42<br>-0.35<br>0.00 |
| V_E_10_SYNC_DSASP<br>323830                | 40.87<br>2.24<br>0.00  | 32.40<br>1.53<br>-1.46  | 30.11<br>1.32<br>-1.25  | 30.09<br>1.18<br>-0.85  | 31.19<br>1.14<br>0.00  | 34.07<br>1.59<br>-0.01 | 42.29<br>1.76<br>-1.42  | 42.54<br>1.87<br>-1.67  | 38.44<br>1.60<br>-1.23 | 35.40<br>1.30<br>-0.77 | 38.51<br>1.30<br>-0.95 | 40.90<br>1.43<br>-0.86 | 42.04<br>1.42<br>-1.09 | 45.24<br>1.35<br>-1.81  | 43.04<br>1.34<br>-1.12  | 48.16<br>1.67<br>-1.30  | 60.77<br>3.72<br>-1.48  | 77.57<br>5.28<br>-0.94  | 97.97<br>9.16<br>-4.04   | 98.43<br>10.13<br>-0.98 | 96.82<br>9.48<br>-1.91 | 65.42<br>5.34<br>-0.06 | 53.04<br>3.54<br>-0.37 | 46.58<br>2.80<br>0.00  |
| V_F_30_NSYNC___DSASP<br>323816             | 40.49<br>1.85<br>0.00  | 35.47<br>1.62<br>-4.45  | 32.74<br>1.40<br>-3.80  | 32.10<br>1.46<br>-2.58  | 31.58<br>1.53<br>0.00  | 34.06<br>1.59<br>0.00  | 40.99<br>1.88<br>0.00   | 40.75<br>1.75<br>0.00   | 36.96<br>1.35<br>0.00  | 34.36<br>1.03<br>0.00  | 37.41<br>1.16<br>0.00  | 39.73<br>1.12<br>0.00  | 40.71<br>1.19<br>0.00  | 43.56<br>1.47<br>0.00   | 42.05<br>1.46<br>0.00   | 46.72<br>1.54<br>0.00   | 57.57<br>2.00<br>0.00   | 74.28<br>2.93<br>0.00   | 89.10<br>4.32<br>0.00    | 91.95<br>4.63<br>0.00   | 90.13<br>4.70<br>0.00  | 63.20<br>3.18<br>0.00  | 51.54<br>2.41<br>0.00  | 45.96<br>2.19<br>0.00  |
| V_F_30_SYNC_DSASP<br>323786                | 39.64<br>1.00<br>0.00  | 34.75<br>0.97<br>-4.36  | 32.25<br>0.99<br>-3.73  | 31.60<br>1.01<br>-2.53  | 31.10<br>1.05<br>0.00  | 33.54<br>1.07<br>0.00  | 40.13<br>1.02<br>0.00   | 39.97<br>0.97<br>0.00   | 36.43<br>0.82<br>0.00  | 33.99<br>0.67<br>0.00  | 37.01<br>0.76<br>0.00  | 39.35<br>0.73<br>0.00  | 40.43<br>0.91<br>0.00  | 43.22<br>1.14<br>0.00   | 41.72<br>1.14<br>0.00   | 46.45<br>1.27<br>0.00   | 56.90<br>1.33<br>0.00   | 73.21<br>1.86<br>0.00   | 87.49<br>2.71<br>0.00    | 90.03<br>2.71<br>0.00   | 88.16<br>2.73<br>0.00  | 61.70<br>1.68<br>0.00  | 50.41<br>1.28<br>0.00  | 44.78<br>1.01<br>0.00  |
| V_XM_10_SYNC_DSASP<br>323789               | 38.59<br>-0.04<br>0.00 | 29.35<br>-0.06<br>0.00  | 27.42<br>-0.11<br>0.00  | 27.92<br>-0.14<br>0.00  | 29.99<br>-0.06<br>0.00 | 32.43<br>-0.03<br>0.00 | 39.11<br>0.00<br>0.00   | 38.92<br>-0.08<br>0.00  | 35.57<br>-0.04<br>0.00 | 33.26<br>-0.07<br>0.00 | 36.18<br>-0.07<br>0.00 | 38.57<br>-0.04<br>0.00 | 39.40<br>-0.12<br>0.00 | 41.92<br>-0.17<br>0.00  | 40.34<br>-0.24<br>0.00  | 44.91<br>-0.27<br>0.00  | 54.68<br>-0.89<br>0.00  | 69.71<br>-1.64<br>0.00  | 82.40<br>-2.37<br>0.00   | 84.79<br>-2.53<br>0.00  | 83.04<br>-2.39<br>0.00 | 58.64<br>-1.38<br>0.00 | 48.54<br>-0.59<br>0.00 | 43.21<br>-0.57<br>0.00 |
| W.BABYLN_69_KV_BK1<br>56697                | 42.74<br>4.10<br>-0.01 | 36.20<br>3.00<br>-3.79  | 33.44<br>2.67<br>-3.24  | 32.87<br>2.61<br>-2.20  | 32.99<br>2.94<br>0.00  | 35.39<br>2.92<br>0.00  | 42.86<br>3.75<br>0.00   | 43.09<br>4.09<br>0.00   | 39.31<br>3.70<br>0.00  | 37.00<br>3.67<br>-0.01 | 40.17<br>3.91<br>-0.01 | 43.26<br>4.63<br>-0.01 | 46.84<br>4.82<br>-2.50 | 52.57<br>4.84<br>-5.64  | 52.89<br>4.46<br>-7.84  | 59.14<br>4.97<br>-8.99  | 79.40<br>6.33<br>-17.50 | 93.28<br>8.21<br>-13.73 | 100.48<br>11.11<br>-4.60 | 98.42<br>11.09<br>-0.01 | 95.35<br>9.91<br>-0.01 | 75.15<br>6.30<br>-8.83 | 54.00<br>4.86<br>0.00  | 48.42<br>4.64<br>-0.01 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G<br>345027  | 41.49<br>2.86<br>0.00  | 35.25<br>2.12<br>-3.73  | 32.73<br>2.01<br>-3.18  | 32.13<br>1.91<br>-2.16  | 32.00<br>1.95<br>0.00  | 34.48<br>2.01<br>0.00  | 41.57<br>2.46<br>0.00   | 41.77<br>2.77<br>0.00   | 38.32<br>2.71<br>0.00  | 36.22<br>2.90<br>0.00  | 39.40<br>3.15<br>0.00  | 42.09<br>3.48<br>0.00  | 48.12<br>4.07<br>-4.53 | 56.76<br>4.42<br>-10.25 | 59.02<br>4.18<br>-14.26 | 60.46<br>4.56<br>-10.71 | 73.81<br>5.67<br>-12.57 | 92.03<br>7.42<br>-13.26 | 93.15<br>9.16<br>0.78    | 96.40<br>9.08<br>0.00   | 93.37<br>7.94<br>0.00  | 64.70<br>4.68<br>0.00  | 52.87<br>3.73<br>0.00  | 47.06<br>3.28<br>0.00  |
| W49TH_ST_138_KV_38M43_REV_LBMP_J<br>345008 | 41.92<br>3.28<br>0.00  | 35.64<br>2.44<br>-3.79  | 33.06<br>2.29<br>-3.24  | 32.48<br>2.22<br>-2.20  | 32.30<br>2.25<br>0.00  | 34.80<br>2.34<br>0.00  | 41.96<br>2.85<br>0.00   | 42.20<br>3.20<br>0.00   | 38.78<br>3.17<br>0.00  | 36.77<br>3.43<br>-0.01 | 39.96<br>3.70<br>-0.01 | 42.72<br>4.09<br>-0.01 | 46.86<br>4.74<br>-2.60 | 53.41<br>5.13<br>-6.19  | 63.30<br>4.83<br>-17.88 | 63.77<br>5.29<br>-13.30 | 91.09<br>6.56<br>-28.97 | 95.60<br>8.49<br>-15.75 | 101.19<br>10.26<br>-6.15 | 97.72<br>10.39<br>-0.01 | 94.58<br>9.14<br>-0.01 | 65.48<br>5.46<br>0.00  | 53.56<br>4.42<br>0.00  | 47.58<br>3.81<br>0.00  |
| W50THST__13_KV_LOAD<br>356117              | 42.19<br>3.55<br>0.00  | 35.82<br>2.62<br>-3.79  | 33.22<br>2.45<br>-3.24  | 32.62<br>2.36<br>-2.20  | 32.48<br>2.43<br>0.00  | 35.00<br>2.53<br>0.00  | 42.24<br>3.13<br>0.00   | 42.51<br>3.51<br>0.00   | 39.10<br>3.49<br>0.00  | 37.07<br>3.73<br>-0.01 | 40.28<br>4.02<br>-0.01 | 43.11<br>4.48<br>-0.01 | 47.25<br>5.14<br>-2.60 | 53.83<br>5.56<br>-6.19  | 63.62<br>5.15<br>-17.88 | 64.13<br>5.65<br>-13.30 | 91.54<br>7.00<br>-28.97 | 96.17<br>9.06<br>-15.75 | 101.87<br>10.94<br>-6.15 | 98.51<br>11.18<br>-0.01 | 95.27<br>9.82<br>-0.01 | 65.96<br>5.94<br>0.00  | 53.90<br>4.77<br>0.00  | 47.89<br>4.11<br>0.00  |
| WADING RIVER_IC_1<br>23522                 | 41.97<br>3.32<br>-0.01 | 35.79<br>2.59<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.50<br>2.25<br>-2.20  | 32.69<br>2.64<br>0.00  | 35.06<br>2.60<br>0.00  | 42.12<br>3.01<br>0.00   | 42.62<br>3.59<br>-0.04  | 38.56<br>2.95<br>0.00  | 36.40<br>3.06<br>-0.01 | 39.41<br>3.15<br>-0.01 | 42.48<br>3.86<br>-0.01 | 45.93<br>3.91<br>-2.50 | 51.51<br>3.79<br>-5.64  | 51.87<br>3.45<br>-7.84  | 55.71<br>3.89<br>-6.63  | 69.96<br>4.94<br>-9.46  | 86.51<br>6.35<br>-8.81  | 94.44<br>8.90<br>-0.77   | 96.23<br>8.91<br>0.00   | 92.95<br>7.52<br>0.00  | 68.23<br>4.92<br>-3.28 | 52.87<br>3.73<br>0.00  | 47.46<br>3.68<br>-0.01 |
| WADING RIVER_IC_2<br>23547                 | 41.97<br>3.32<br>-0.01 | 35.79<br>2.59<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.50<br>2.25<br>-2.20  | 32.69<br>2.64<br>0.00  | 35.06<br>2.60<br>0.00  | 42.12<br>3.01<br>0.00   | 42.62<br>3.59<br>-0.04  | 38.56<br>2.95<br>0.00  | 36.40<br>3.06<br>-0.01 | 39.41<br>3.15<br>-0.01 | 42.48<br>3.86<br>-0.01 | 45.93<br>3.91<br>-2.50 | 51.51<br>3.79<br>-5.64  | 51.87<br>3.45<br>-7.84  | 55.71<br>3.89<br>-6.63  | 69.96<br>4.94<br>-9.46  | 86.51<br>6.35<br>-8.81  | 94.44<br>8.90<br>-0.77   | 96.23<br>8.91<br>0.00   | 92.95<br>7.52<br>0.00  | 68.23<br>4.92<br>-3.28 | 52.87<br>3.73<br>0.00  | 47.46<br>3.68<br>-0.01 |
| WADING RIVER_IC_3<br>23601                 | 41.97<br>3.32<br>-0.01 | 35.79<br>2.59<br>-3.79  | 33.08<br>2.31<br>-3.24  | 32.50<br>2.25<br>-2.20  | 32.69<br>2.64<br>0.00  | 35.06<br>2.60<br>0.00  | 42.12<br>3.01<br>0.00   | 42.62<br>3.59<br>-0.04  | 38.56<br>2.95<br>0.00  | 36.40<br>3.06<br>-0.01 | 39.41<br>3.15<br>-0.01 | 42.48<br>3.86<br>-0.01 | 45.93<br>3.91<br>-2.50 | 51.51<br>3.79<br>-5.64  | 51.87<br>3.45<br>-7.84  | 55.71<br>3.89<br>-6.63  | 69.96<br>4.94<br>-9.46  | 86.51<br>6.35<br>-8.81  | 94.44<br>8.90<br>-0.77   | 96.23<br>8.91<br>0.00   | 92.95<br>7.52<br>0.00  | 68.23<br>4.92<br>-3.28 | 52.87<br>3.73<br>0.00  | 47.46<br>3.68<br>-0.01 |
| WALDENNY_12_KV_BK2<br>80841                | 35.27<br>-3.36<br>0.00 | 26.80<br>-3.29<br>-0.68 | 25.09<br>-3.03<br>-0.58 | 25.12<br>-3.34<br>-0.40 | 26.44<br>-3.61<br>0.00 | 28.61<br>-3.70<br>0.15 | 24.36<br>-4.30<br>10.45 | 23.12<br>-3.70<br>12.18 | 24.13<br>-2.64<br>8.84 | 25.46<br>-2.30<br>5.57 | 26.91<br>-2.50<br>6.84 | 29.89<br>-2.55<br>6.18 | 29.03<br>-2.65<br>7.84 | 27.17<br>-2.99<br>11.93 | 29.57<br>-3.00<br>8.02  | 31.61<br>-3.12<br>10.45 | 39.91<br>-3.06<br>12.60 | 52.99<br>-4.42<br>13.94 | 64.98<br>-3.82<br>15.98  | 83.48<br>-3.84<br>0.00  | 79.93<br>-5.47<br>0.03 | 49.02<br>-4.50<br>6.50 | 40.01<br>-3.39<br>5.73 | 40.48<br>-3.28<br>0.01 |
| WALDEN___HYDRO<br>24148                    | 41.22<br>2.59<br>0.00  | 35.08<br>1.94<br>-3.73  | 32.56<br>1.84<br>-3.18  | 31.96<br>1.74<br>-2.16  | 31.82<br>1.77<br>0.00  | 34.28<br>1.82<br>0.00  | 41.34<br>2.23<br>0.00   | 41.53<br>2.53<br>0.00   | 38.42<br>2.81<br>0.00  | 36.23<br>2.90<br>0.00  | 39.37<br>3.12<br>0.00  | 42.05<br>3.44<br>0.00  | 43.55<br>4.03<br>0.00  | 46.50<br>4.42<br>0.00   | 44.85<br>4.26<br>0.00   | 50.12<br>4.83<br>-0.10  | 62.17<br>6.28<br>-0.33  | 80.25<br>8.71<br>-0.20  | 95.78<br>10.85<br>-0.15  | 98.32<br>11.00<br>0.00  | 95.17<br>9.74<br>0.00  | 65.72<br>5.70<br>0.00  | 53.56<br>4.42<br>0.00  | 47.54<br>3.76<br>0.00  |
| WARRENSBURG____<br>23737                   | 40.68<br>2.05<br>0.00  | 35.66<br>1.79<br>-4.46  | 32.85<br>1.51<br>-3.81  | 32.24<br>1.60<br>-2.58  | 31.73<br>1.68<br>0.00  | 34.22<br>1.75<br>0.00  | 41.18<br>2.07<br>0.00   | 40.95<br>1.95<br>0.00   | 37.03<br>1.42<br>0.00  | 34.43<br>1.10<br>0.00  | 37.48<br>1.23<br>0.00  | 39.77<br>1.16<br>0.00  | 40.75<br>1.23<br>0.00  | 43.64<br>1.56<br>0.00   | 42.00<br>1.42<br>0.00   | 46.04<br>0.86<br>0.00   | 56.79<br>1.22<br>0.00   | 73.28<br>1.93<br>0.00   | 88.25<br>3.48<br>0.00    | 91.16<br>3.84<br>0.00   | 89.44<br>4.02<br>0.00  | 62.78<br>2.76<br>0.00  | 51.10<br>1.97<br>0.00  | 46.31<br>2.54<br>0.00  |

|  |                        |                         |                         |                         |                        |                        |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |                         |                        |
|--|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| WATERSIDE___6 8 9<br>23538                 | 41.88<br>3.25<br>0.00  | 35.64<br>2.44<br>-3.79  | 33.09<br>2.31<br>-3.24  | 32.51<br>2.24<br>-2.20  | 32.34<br>2.28<br>-0.01 | 34.80<br>2.34<br>0.00  | 41.88<br>2.78<br>0.00  | 42.08<br>3.08<br>0.00   | 38.71<br>3.10<br>0.00  | 36.70<br>3.37<br>-0.01  | 39.88<br>3.62<br>-0.01  | 42.60<br>3.98<br>-0.01  | 46.72<br>4.58<br>-2.61  | 53.28<br>4.88<br>-6.31  | 62.99<br>4.55<br>-17.86 | 63.47<br>5.02<br>-13.27 | 90.73<br>6.22<br>-28.94 | 94.47<br>8.06<br>-15.05 | 100.14<br>9.75<br>-5.61  | 96.94<br>9.61<br>-0.01  | 93.81<br>8.37<br>-0.01  | 65.06<br>5.04<br>0.00   | 53.41<br>4.27<br>0.00   | 47.54<br>3.76<br>0.00  |
| WATKINRD_115KV_LN8_ILLION<br>55919         | 39.68<br>1.04<br>0.00  | 30.06<br>0.65<br>0.00   | 27.95<br>0.41<br>0.00   | 28.26<br>0.20<br>0.00   | 30.11<br>0.06<br>0.00  | 32.53<br>0.06<br>0.00  | 39.15<br>0.04<br>0.00  | 39.08<br>0.08<br>0.00   | 35.82<br>0.21<br>0.00  | 33.76<br>0.43<br>0.00   | 36.90<br>0.65<br>0.00   | 39.39<br>0.77<br>0.00   | 40.19<br>0.67<br>0.00   | 42.80<br>0.72<br>0.00   | 41.23<br>0.65<br>0.00   | 45.86<br>0.68<br>0.00   | 56.57<br>1.00<br>0.00   | 72.57<br>1.21<br>0.00   | 86.81<br>2.03<br>0.00    | 89.68<br>2.36<br>0.00   | 87.31<br>1.88<br>0.00   | 60.80<br>0.78<br>0.00   | 50.07<br>0.93<br>0.00   | 44.56<br>0.79<br>0.00  |
| WDELAWARE___HYD<br>323627                  | 41.03<br>2.40<br>0.00  | 34.70<br>1.76<br>-3.52  | 32.22<br>1.68<br>-3.01  | 31.67<br>1.57<br>-2.04  | 31.61<br>1.56<br>0.00  | 34.12<br>1.65<br>0.00  | 41.02<br>1.92<br>0.00  | 41.23<br>2.18<br>-0.05  | 37.92<br>2.31<br>0.00  | 35.76<br>2.43<br>0.00   | 38.86<br>2.61<br>0.00   | 41.51<br>2.90<br>0.00   | 43.00<br>3.48<br>0.00   | 45.83<br>3.74<br>0.00   | 44.24<br>3.65<br>0.00   | 49.30<br>4.11<br>0.00   | 61.01<br>5.45<br>0.00   | 78.99<br>7.64<br>0.00   | 94.44<br>9.66<br>0.00    | 97.18<br>9.86<br>0.00   | 93.97<br>8.54<br>0.00   | 64.94<br>4.92<br>0.00   | 52.87<br>3.73<br>0.00   | 46.97<br>3.19<br>0.00  |
| WEST BABYLON___IC<br>23714                 | 42.74<br>4.10<br>-0.01 | 36.20<br>3.00<br>-3.79  | 33.44<br>2.67<br>-3.24  | 32.87<br>2.61<br>-2.20  | 32.99<br>2.94<br>0.00  | 35.39<br>2.92<br>0.00  | 42.86<br>3.75<br>0.00  | 43.09<br>4.09<br>0.00   | 39.31<br>3.70<br>0.00  | 37.00<br>3.67<br>-0.01  | 40.17<br>3.91<br>-0.01  | 43.26<br>4.63<br>-0.01  | 46.84<br>4.82<br>-2.50  | 52.57<br>4.84<br>-5.64  | 52.89<br>4.46<br>-7.84  | 59.14<br>4.97<br>-8.99  | 79.40<br>6.33<br>-17.50 | 93.28<br>8.21<br>-13.73 | 100.48<br>11.11<br>-4.60 | 98.42<br>11.09<br>-0.01 | 95.35<br>9.91<br>-0.01  | 75.15<br>6.30<br>-8.83  | 54.00<br>4.86<br>0.00   | 48.42<br>4.64<br>-0.01 |
| WEST CANADA___HYD<br>24049                 | 38.87<br>0.23<br>0.00  | 29.59<br>0.18<br>0.00   | 27.70<br>0.17<br>0.00   | 28.20<br>0.14<br>0.00   | 30.17<br>0.12<br>0.00  | 32.60<br>0.13<br>0.00  | 39.27<br>0.16<br>0.00  | 39.15<br>0.16<br>0.00   | 35.75<br>0.14<br>0.00  | 33.46<br>0.13<br>0.00   | 36.39<br>0.15<br>0.00   | 38.77<br>0.16<br>0.00   | 39.68<br>0.16<br>0.00   | 42.25<br>0.17<br>0.00   | 40.75<br>0.16<br>0.00   | 45.37<br>0.18<br>0.00   | 55.84<br>0.28<br>0.00   | 71.71<br>0.36<br>0.00   | 85.45<br>0.68<br>0.00    | 88.01<br>0.70<br>0.00   | 86.03<br>0.60<br>0.00   | 60.32<br>0.30<br>0.00   | 49.38<br>0.25<br>0.00   | 43.99<br>0.22<br>0.00  |
| WESTERN_NY_WIND<br>24143                   | 36.16<br>-2.47<br>0.00 | 27.56<br>-2.44<br>-0.59 | 25.84<br>-2.20<br>-0.51 | 25.88<br>-2.53<br>-0.34 | 27.22<br>-2.82<br>0.00 | 29.07<br>-3.02<br>0.38 | 30.21<br>-2.85<br>6.04 | 29.35<br>-2.61<br>7.04  | 28.26<br>-2.28<br>5.07 | 28.04<br>-2.10<br>3.19  | 29.93<br>-2.39<br>3.92  | 32.60<br>-2.47<br>3.54  | 32.42<br>-2.61<br>4.49  | 32.42<br>-2.82<br>6.84  | 33.19<br>-2.80<br>4.60  | 36.18<br>-2.80<br>6.21  | 44.04<br>-2.78<br>8.75  | 57.60<br>-3.50<br>10.25 | 73.86<br>-2.12<br>8.80   | 86.01<br>-1.31<br>0.00  | 82.68<br>-2.73<br>0.02  | 51.63<br>-3.30<br>5.09  | 42.39<br>-2.46<br>4.29  | 41.80<br>-1.97<br>0.01 |
| WESTOVER___LESR<br>323668                  | 38.67<br>0.04<br>0.00  | 30.63<br>-0.12<br>-1.33 | 28.53<br>-0.14<br>-1.14 | 28.61<br>-0.22<br>-0.77 | 29.81<br>-0.24<br>0.00 | 32.29<br>-0.16<br>0.01 | 38.87<br>-0.23<br>0.00 | 39.27<br>0.04<br>-0.24  | 35.93<br>0.32<br>0.00  | 33.69<br>0.37<br>0.00   | 36.61<br>0.36<br>0.00   | 39.08<br>0.46<br>0.00   | 40.08<br>0.55<br>0.00   | 42.82<br>0.59<br>-0.15  | 41.15<br>0.57<br>0.00   | 45.83<br>0.77<br>0.12   | 56.59<br>1.33<br>0.30   | 72.23<br>1.71<br>0.84   | 89.30<br>2.97<br>-1.55   | 91.27<br>2.97<br>-0.99  | 89.82<br>2.48<br>-1.91  | 60.56<br>1.20<br>0.66   | 49.60<br>0.84<br>0.37   | 44.26<br>0.48<br>0.00  |
| WETHRSFD_WT_PWR<br>323626                  | 36.00<br>-2.63<br>0.00 | 27.53<br>-2.65<br>-0.77 | 25.71<br>-2.48<br>-0.65 | 25.76<br>-2.75<br>-0.44 | 27.04<br>-3.00<br>0.00 | 29.11<br>-3.09<br>0.27 | 2.65<br>-3.60<br>32.86 | -0.54<br>-3.24<br>36.30 | 9.09<br>-2.42<br>24.10 | 15.90<br>-2.27<br>15.16 | 15.11<br>-2.50<br>18.64 | 19.20<br>-2.59<br>16.83 | 15.47<br>-2.69<br>21.36 | 6.66<br>-2.95<br>32.48  | 15.65<br>-3.09<br>21.85 | 14.19<br>-3.25<br>27.75 | 18.23<br>-3.33<br>34.00 | 33.27<br>-4.21<br>33.87 | 34.76<br>-3.39<br>46.63  | 84.74<br>-2.97<br>-0.39 | 82.09<br>-4.01<br>-0.68 | 42.80<br>-3.48<br>13.74 | 31.76<br>-3.15<br>14.22 | 40.72<br>-3.02<br>0.03 |
| WHAVSTOR_138KV_BK127<br>55557              | 41.34<br>2.70<br>0.00  | 35.14<br>2.00<br>-3.73  | 32.62<br>1.90<br>-3.19  | 32.05<br>1.82<br>-2.16  | 31.91<br>1.86<br>0.00  | 34.38<br>1.92<br>0.00  | 41.42<br>2.31<br>0.00  | 41.61<br>2.61<br>0.00   | 38.17<br>2.56<br>0.00  | 36.09<br>2.77<br>0.00   | 39.26<br>3.01<br>0.00   | 41.93<br>3.32<br>0.00   | 47.73<br>3.91<br>-4.29  | 56.00<br>4.21<br>-9.71  | 58.06<br>3.98<br>-13.50 | 59.59<br>4.29<br>-10.11 | 72.64<br>5.28<br>-11.79 | 90.76<br>6.92<br>-12.49 | 92.46<br>8.48<br>0.79    | 95.79<br>8.47<br>0.00   | 92.77<br>7.35<br>0.00   | 64.34<br>4.32<br>0.00   | 52.57<br>3.44<br>0.00   | 46.84<br>3.06<br>0.00  |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G<br>345015 | 41.34<br>2.70<br>0.00  | 35.14<br>2.00<br>-3.73  | 32.62<br>1.90<br>-3.19  | 32.05<br>1.82<br>-2.16  | 31.91<br>1.86<br>0.00  | 34.38<br>1.92<br>0.00  | 41.42<br>2.31<br>0.00  | 41.61<br>2.61<br>0.00   | 38.17<br>2.56<br>0.00  | 36.09<br>2.77<br>0.00   | 39.26<br>3.01<br>0.00   | 41.93<br>3.32<br>0.00   | 47.73<br>3.91<br>-4.29  | 56.00<br>4.21<br>-9.71  | 58.06<br>3.98<br>-13.50 | 59.59<br>4.29<br>-10.11 | 72.64<br>5.28<br>-11.79 | 90.76<br>6.92<br>-12.49 | 92.46<br>8.48<br>0.79    | 95.79<br>8.47<br>0.00   | 92.77<br>7.35<br>0.00   | 64.34<br>4.32<br>0.00   | 52.57<br>3.44<br>0.00   | 46.84<br>3.06<br>0.00  |
| WHITEHAL_115KV_TB1<br>80871                | 41.22<br>2.59<br>0.00  | 36.13<br>2.26<br>-4.45  | 33.18<br>1.84<br>-3.80  | 32.63<br>1.99<br>-2.58  | 32.18<br>2.13<br>0.00  | 34.67<br>2.21<br>0.00  | 41.92<br>2.82<br>0.00  | 41.57<br>2.57<br>0.00   | 37.35<br>1.74<br>0.00  | 34.59<br>1.27<br>0.00   | 37.66<br>1.41<br>0.00   | 39.93<br>1.31<br>0.00   | 40.83<br>1.30<br>0.00   | 43.73<br>1.64<br>0.00   | 42.21<br>1.62<br>0.00   | 46.77<br>1.58<br>0.00   | 58.12<br>2.56<br>0.00   | 75.42<br>4.07<br>0.00   | 91.56<br>6.78<br>0.00    | 95.00<br>7.94<br>0.00   | 93.37<br>7.94<br>0.00   | 65.42<br>5.40<br>0.00   | 52.87<br>3.73<br>0.00   | 47.41<br>3.63<br>0.00  |
| WHITEPLN_13_KV_LOAD<br>356215              | 41.80<br>3.17<br>0.00  | 35.55<br>2.35<br>-3.79  | 33.00<br>2.23<br>-3.23  | 32.39<br>2.13<br>-2.20  | 32.24<br>2.19<br>0.00  | 34.74<br>2.27<br>0.00  | 41.89<br>2.78<br>0.00  | 42.08<br>3.08<br>0.00   | 38.64<br>3.03<br>0.00  | 36.56<br>3.23<br>0.00   | 39.76<br>3.52<br>0.00   | 42.51<br>3.90<br>0.00   | 46.62<br>4.51<br>-2.59  | 52.92<br>4.97<br>-5.87  | 53.46<br>4.71<br>-8.16  | 55.98<br>5.15<br>-5.64  | 67.63<br>6.56<br>-5.51  | 86.43<br>8.49<br>-6.59  | 93.81<br>10.26<br>1.23   | 97.45<br>10.13<br>0.00  | 94.40<br>8.97<br>0.00   | 65.24<br>5.22<br>0.00   | 53.31<br>4.18<br>0.00   | 47.41<br>3.63<br>0.00  |
| WM_FLOYD_69_KV_BK2<br>356380               | 42.39<br>3.75<br>-0.01 | 36.05<br>2.85<br>-3.79  | 33.30<br>2.53<br>-3.24  | 32.73<br>2.47<br>-2.20  | 32.90<br>2.85<br>0.00  | 35.29<br>2.82<br>0.00  | 42.75<br>3.64<br>0.00  | 42.98<br>3.98<br>0.00   | 38.99<br>3.38<br>0.00  | 36.70<br>3.37<br>-0.01  | 39.81<br>3.55<br>-0.01  | 42.87<br>4.25<br>-0.01  | 46.33<br>4.31<br>-2.50  | 51.93<br>4.21<br>-5.64  | 52.28<br>3.86<br>-7.84  | 56.20<br>4.34<br>-6.68  | 70.67<br>5.50<br>-9.60  | 87.39<br>7.14<br>-8.90  | 95.45<br>9.83<br>-0.84   | 97.10<br>9.78<br>0.00   | 94.14<br>8.71<br>0.00   | 68.99<br>5.58<br>-3.39  | 53.41<br>4.27<br>0.00   | 47.94<br>4.16<br>-0.01 |
| WOODARD__115KV_TB2<br>355635               | 38.21<br>-0.42<br>0.00 | 29.50<br>-0.29<br>-0.38 | 27.53<br>-0.33<br>-0.32 | 27.92<br>-0.36<br>-0.22 | 29.63<br>-0.42<br>0.00 | 32.04<br>-0.42<br>0.00 | 38.64<br>-0.47<br>0.00 | 38.61<br>-0.39<br>0.00  | 35.25<br>-0.36<br>0.00 | 33.03<br>-0.30<br>0.00  | 35.89<br>-0.36<br>0.00  | 38.27<br>-0.35<br>0.00  | 39.05<br>-0.47<br>0.00  | 41.85<br>-0.51<br>-0.27 | 40.14<br>-0.45<br>0.00  | 44.64<br>-0.41<br>0.14  | 54.89<br>-0.22<br>0.46  | 70.04<br>-0.29<br>1.03  | 87.13<br>0.34<br>-2.01   | 89.61<br>0.44<br>-1.85  | 89.28<br>0.26<br>-3.60  | 59.02<br>-0.24<br>0.76  | 48.32<br>-0.39<br>0.42  | 43.47<br>-0.31<br>0.00 |
| YORK___WARBASSE<br>23770                   | 42.16<br>3.52<br>-0.01 | 35.83<br>2.62<br>-3.80  | 33.28<br>2.51<br>-3.25  | 32.68<br>2.41<br>-2.21  | 32.55<br>2.49<br>-0.01 | 35.01<br>2.53<br>-0.01 | 42.13<br>3.01<br>-0.01 | 42.36<br>3.35<br>-0.01  | 38.93<br>3.31<br>-0.01 | 36.94<br>3.60<br>-0.02  | 40.11<br>3.84<br>-0.02  | 42.88<br>4.25<br>-0.02  | 46.92<br>4.78<br>-2.61  | 53.36<br>4.97<br>-6.31  | 63.15<br>4.71<br>-17.86 | 63.70<br>5.24<br>-13.27 | 91.06<br>6.56<br>-28.94 | 95.13<br>8.49<br>-15.29 | 100.92<br>10.34<br>-5.80 | 97.55<br>10.22<br>-0.01 | 94.33<br>8.88<br>-0.01  | 65.48<br>5.46<br>0.00   | 53.76<br>4.62<br>-0.01  | 47.85<br>4.07<br>-0.01 |