

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/14/2023

| 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     | 21.03  | 18.61  | 17.02  | 15.99  | 16.56  | 16.25  | 17.35  | 17.14  | 16.68  | 15.06  | 15.44  | 15.26  | 15.47  | 15.24  | 14.03  | 16.55  | 19.94  | 25.27  | 28.72  | 31.06  | 31.89  | 24.96  | 21.70  | 18.84  |
| 24138                | 0.43   | 0.41   | 0.40   | 0.39   | 0.34   | 0.34   | 0.42   | 0.45   | 0.65   | 0.65   | 0.73   | 0.53   | 0.54   | 0.52   | 0.54   | 0.53   | 0.56   | 0.83   | 0.74   | 1.17   | 1.19   | 1.02   | 1.02   | 0.85   |
|                      | -15.50 | -13.11 | -11.54 | -10.52 | -11.64 | -11.35 | -11.84 | -11.59 | -9.30  | -7.99  | -7.55  | -9.57  | -9.75  | -9.62  | -8.40  | -10.91 | -14.27 | -16.93 | -20.96 | -18.38 | -19.05 | -13.61 | -10.33 | -9.25  |
| 74TH STREET_GT_1     | 21.02  | 18.60  | 17.02  | 15.99  | 16.55  | 16.25  | 17.34  | 17.13  | 16.67  | 15.05  | 15.43  | 15.26  | 15.47  | 15.24  | 14.04  | 16.55  | 19.95  | 25.27  | 28.71  | 31.04  | 31.88  | 24.95  | 21.69  | 18.84  |
| 24260                | 0.42   | 0.40   | 0.40   | 0.38   | 0.34   | 0.33   | 0.42   | 0.44   | 0.65   | 0.64   | 0.72   | 0.52   | 0.53   | 0.51   | 0.53   | 0.53   | 0.56   | 0.82   | 0.74   | 1.16   | 1.18   | 1.01   | 1.00   | 0.84   |
|                      | -15.50 | -13.12 | -11.54 | -10.52 | -11.64 | -11.35 | -11.84 | -11.60 | -9.30  | -7.99  | -7.55  | -9.57  | -9.76  | -9.63  | -8.41  | -10.92 | -14.28 | -16.94 | -20.96 | -18.38 | -19.05 | -13.61 | -10.34 | -9.26  |
| 74TH STREET_GT_2     | 21.02  | 18.60  | 17.02  | 15.99  | 16.55  | 16.25  | 17.34  | 17.13  | 16.67  | 15.05  | 15.43  | 15.26  | 15.47  | 15.24  | 14.04  | 16.55  | 19.95  | 25.27  | 28.71  | 31.04  | 31.88  | 24.95  | 21.69  | 18.84  |
| 24261                | 0.42   | 0.40   | 0.40   | 0.38   | 0.34   | 0.33   | 0.42   | 0.44   | 0.65   | 0.64   | 0.72   | 0.52   | 0.53   | 0.51   | 0.53   | 0.53   | 0.56   | 0.82   | 0.74   | 1.16   | 1.18   | 1.01   | 1.00   | 0.84   |
|                      | -15.50 | -13.12 | -11.54 | -10.52 | -11.64 | -11.35 | -11.84 | -11.60 | -9.30  | -7.99  | -7.55  | -9.57  | -9.76  | -9.63  | -8.41  | -10.92 | -14.28 | -16.94 | -20.96 | -18.38 | -19.05 | -13.61 | -10.34 | -9.26  |
| ADK HUDSON___FALLS   | 25.43  | 22.30  | 20.24  | 18.90  | 19.86  | 19.47  | 21.03  | 20.68  | 19.49  | 17.40  | 17.58  | 18.20  | 18.43  | 18.16  | 16.50  | 19.87  | 24.27  | 30.32  | 34.73  | 35.77  | 36.64  | 28.90  | 24.53  | 21.33  |
| 24011                | 0.13   | 0.12   | 0.12   | 0.10   | 0.11   | 0.11   | 0.15   | 0.12   | 0.36   | 0.33   | 0.35   | 0.27   | 0.25   | 0.24   | 0.21   | 0.22   | 0.14   | 0.24   | 0.24   | 0.43   | 0.45   | 0.41   | 0.39   | 0.24   |
|                      | -20.21 | -17.10 | -15.04 | -13.72 | -15.17 | -14.79 | -15.79 | -15.47 | -12.41 | -10.65 | -10.07 | -12.76 | -13.00 | -12.82 | -11.20 | -14.55 | -19.02 | -22.56 | -27.47 | -23.85 | -24.53 | -18.15 | -13.79 | -12.35 |
| ADK RESOURCE___RCVRY | 25.46  | 22.32  | 20.26  | 18.91  | 19.88  | 19.50  | 21.06  | 20.71  | 19.55  | 17.44  | 17.62  | 18.24  | 18.47  | 18.20  | 16.53  | 19.90  | 24.30  | 30.37  | 34.78  | 35.83  | 36.71  | 28.95  | 24.58  | 21.36  |
| 23798                | 0.14   | 0.13   | 0.12   | 0.10   | 0.12   | 0.12   | 0.16   | 0.13   | 0.40   | 0.35   | 0.38   | 0.29   | 0.27   | 0.26   | 0.22   | 0.23   | 0.15   | 0.26   | 0.25   | 0.45   | 0.49   | 0.44   | 0.42   | 0.25   |
|                      | -20.23 | -17.11 | -15.05 | -13.73 | -15.19 | -14.81 | -15.81 | -15.49 | -12.42 | -10.67 | -10.09 | -12.78 | -13.02 | -12.84 | -11.21 | -14.56 | -19.04 | -22.59 | -27.51 | -23.88 | -24.57 | -18.18 | -13.80 | -12.36 |
| ADK S GLENS___FALLS  | 25.43  | 22.30  | 20.24  | 18.90  | 19.86  | 19.47  | 21.03  | 20.68  | 19.49  | 17.40  | 17.58  | 18.20  | 18.43  | 18.16  | 16.50  | 19.87  | 24.27  | 30.32  | 34.73  | 35.77  | 36.64  | 28.90  | 24.53  | 21.33  |
| 24028                | 0.13   | 0.12   | 0.12   | 0.10   | 0.11   | 0.11   | 0.15   | 0.12   | 0.36   | 0.33   | 0.35   | 0.27   | 0.25   | 0.24   | 0.21   | 0.22   | 0.14   | 0.24   | 0.24   | 0.43   | 0.45   | 0.41   | 0.39   | 0.24   |
|                      | -20.21 | -17.10 | -15.04 | -13.72 | -15.17 | -14.79 | -15.79 | -15.47 | -12.41 | -10.65 | -10.07 | -12.76 | -13.00 | -12.82 | -11.20 | -14.55 | -19.02 | -22.56 | -27.47 | -23.85 | -24.53 | -18.15 | -13.79 | -12.35 |
| ADK_NYS___DAM        | 24.68  | 21.67  | 19.70  | 18.42  | 19.29  | 18.93  | 20.21  | 19.91  | 18.78  | 16.79  | 17.02  | 17.45  | 17.67  | 17.42  | 15.91  | 19.06  | 23.28  | 29.17  | 32.95  | 34.14  | 34.80  | 28.01  | 23.95  | 20.83  |
| 23527                | 0.22   | 0.21   | 0.21   | 0.20   | 0.19   | 0.19   | 0.27   | 0.27   | 0.39   | 0.35   | 0.39   | 0.27   | 0.27   | 0.27   | 0.29   | 0.28   | 0.28   | 0.43   | 0.41   | 0.67   | 0.66   | 0.61   | 0.63   | 0.48   |
|                      | -19.36 | -16.38 | -14.40 | -13.14 | -14.53 | -14.17 | -14.85 | -14.55 | -11.67 | -10.02 | -9.47  | -12.00 | -12.22 | -12.06 | -10.53 | -13.68 | -17.88 | -21.22 | -25.51 | -21.97 | -22.49 | -17.07 | -12.97 | -11.61 |
| AIR_PRODUCTS___DRP   | 24.50  | 21.50  | 19.56  | 18.35  | 19.21  | 18.84  | 20.27  | 19.97  | 18.72  | 16.74  | 16.94  | 17.46  | 17.69  | 17.44  | 15.89  | 19.09  | 23.34  | 29.16  | 33.32  | 34.43  | 35.24  | 27.82  | 23.72  | 20.69  |
| 24190                | 0.06   | 0.06   | 0.08   | 0.13   | 0.11   | 0.11   | 0.14   | 0.15   | 0.18   | 0.17   | 0.19   | 0.13   | 0.13   | 0.14   | 0.13   | 0.13   | 0.12   | 0.15   | 0.14   | 0.22   | 0.22   | 0.21   | 0.24   | 0.19   |
|                      | -19.35 | -16.37 | -14.40 | -13.13 | -14.53 | -14.16 | -15.04 | -14.73 | -11.82 | -10.14 | -9.59  | -12.15 | -12.38 | -12.21 | -10.66 | -13.85 | -18.11 | -21.49 | -26.17 | -22.71 | -23.37 | -17.29 | -13.13 | -11.76 |
| AKWESSNE_115KV_BK    | 4.96   | 4.97   | 4.98   | 4.97   | 4.48   | 4.48   | 4.98   | 4.98   | 6.56   | 6.25   | 6.96   | 5.02   | 5.02   | 4.97   | 4.96   | 4.95   | 4.96   | 7.27   | 6.80   | 11.18  | 11.33  | 10.04  | 10.04  | 8.49   |
| 355683               | -0.13  | -0.11  | -0.11  | -0.11  | -0.09  | -0.09  | -0.11  | -0.11  | -0.16  | -0.17  | -0.19  | -0.15  | -0.16  | -0.13  | -0.13  | -0.15  | -0.15  | -0.25  | -0.22  | -0.32  | -0.33  | -0.29  | -0.31  | -0.25  |
|                      | 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           | 24.50  | 21.50  | 19.56  | 18.35  | 19.21  | 18.84  | 20.27  | 19.97  | 18.72  | 16.74  | 16.94  | 17.46  | 17.69  | 17.44  | 15.89  | 19.09  | 23.34  | 29.16  | 33.32  | 34.43  | 35.24  | 27.82  | 23.72  | 20.69  |
| 23571                | 0.06   | 0.06   | 0.08   | 0.13   | 0.11   | 0.11   | 0.14   | 0.15   | 0.18   | 0.17   | 0.19   | 0.13   | 0.13   | 0.14   | 0.13   | 0.13   | 0.12   | 0.15   | 0.14   | 0.22   | 0.22   | 0.21   | 0.24   | 0.19   |
|                      | -19.35 | -16.37 | -14.40 | -13.13 | -14.53 | -14.16 | -15.04 | -14.73 | -11.82 | -10.14 | -9.59  | -12.15 | -12.38 | -12.21 | -10.66 | -13.85 | -18.11 | -21.49 | -26.17 | -22.71 | -23.37 | -17.29 | -13.13 | -11.76 |
| ALBANY___2           | 24.50  | 21.50  | 19.56  | 18.35  | 19.21  | 18.84  | 20.27  | 19.97  | 18.72  | 16.74  | 16.94  | 17.46  | 17.69  | 17.44  | 15.89  | 19.09  | 23.34  | 29.16  | 33.32  | 34.43  | 35.24  | 27.82  | 23.72  | 20.69  |
| 23572                | 0.06   | 0.06   | 0.08   | 0.13   | 0.11   | 0.11   | 0.14   | 0.15   | 0.18   | 0.17   | 0.19   | 0.13   | 0.13   | 0.14   | 0.13   | 0.13   | 0.12   | 0.15   | 0.14   | 0.22   | 0.22   | 0.21   | 0.24   | 0.19   |
|                      | -19.35 | -16.37 | -14.40 | -13.13 | -14.53 | -14.16 | -15.04 | -14.73 | -11.82 | -10.14 | -9.59  | -12.15 | -12.38 | -12.21 | -10.66 | -13.85 | -18.11 | -21.49 | -26.17 | -22.71 | -23.37 | -17.29 | -13.13 | -11.76 |
| ALBANY___3           | 24.50  | 21.50  | 19.56  | 18.35  | 19.21  | 18.84  | 20.27  | 19.97  | 18.72  | 16.74  | 16.94  | 17.46  | 17.69  | 17.44  | 15.89  | 19.09  | 23.34  | 29.16  | 33.32  | 34.43  | 35.24  | 27.82  | 23.72  | 20.69  |
| 23573                | 0.06   | 0.06   | 0.08   | 0.13   | 0.11   | 0.11   | 0.14   | 0.15   | 0.18   | 0.17   | 0.19   | 0.13   | 0.13   | 0.14   | 0.13   | 0.13   | 0.12   | 0.15   | 0.14   | 0.22   | 0.22   | 0.21   | 0.24   | 0.19   |
|                      | -19.35 | -16.37 | -14.40 | -13.13 | -14.53 | -14.16 | -15.04 | -14.73 | -11.82 | -10.14 | -9.59  | -12.15 | -12.38 | -12.21 | -10.66 | -13.85 | -18.11 | -21.49 | -26.17 | -22.71 | -23.37 | -17.29 | -13.13 | -11.76 |

|                                     |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___4<br>23574                 | 24.50<br>0.06<br>-19.35 | 21.50<br>0.06<br>-16.37 | 19.56<br>0.08<br>-14.40 | 18.35<br>0.13<br>-13.13 | 19.21<br>0.11<br>-14.53 | 18.84<br>0.11<br>-14.16 | 20.27<br>0.14<br>-15.04 | 19.97<br>0.15<br>-14.73 | 18.72<br>0.18<br>-11.82 | 16.74<br>0.17<br>-10.14 | 16.94<br>0.19<br>-9.59  | 17.46<br>0.13<br>-12.15 | 17.69<br>0.13<br>-12.38 | 17.44<br>0.14<br>-12.21 | 15.89<br>0.13<br>-10.66 | 19.09<br>0.13<br>-13.85 | 23.34<br>0.12<br>-18.11 | 29.16<br>0.15<br>-21.49 | 33.32<br>0.14<br>-26.17 | 34.43<br>0.22<br>-22.71 | 35.24<br>0.22<br>-23.37 | 27.82<br>0.21<br>-17.29 | 23.72<br>0.24<br>-13.13 | 20.69<br>0.19<br>-11.76 |
| ALBANY___LFGE<br>323615             | 24.73<br>0.10<br>-19.54 | 21.71<br>0.10<br>-16.53 | 19.74<br>0.11<br>-14.54 | 18.51<br>0.16<br>-13.26 | 19.38<br>0.14<br>-14.67 | 19.01<br>0.14<br>-14.30 | 20.42<br>0.18<br>-15.16 | 20.12<br>0.18<br>-14.84 | 18.87<br>0.24<br>-11.91 | 16.86<br>0.22<br>-10.22 | 17.08<br>0.25<br>-9.67  | 17.60<br>0.18<br>-12.25 | 17.83<br>0.18<br>-12.47 | 17.58<br>0.18<br>-12.30 | 16.01<br>0.17<br>-10.74 | 19.23<br>0.17<br>-13.96 | 23.52<br>0.16<br>-18.25 | 29.39<br>0.22<br>-21.65 | 33.57<br>0.20<br>-26.34 | 34.69<br>0.33<br>-22.86 | 35.49<br>0.33<br>-23.51 | 28.06<br>0.31<br>-17.42 | 23.92<br>0.34<br>-13.23 | 20.86<br>0.27<br>-11.85 |
| ALCOA_PA_115KV_PL-6C<br>55860       | 4.94<br>-0.16<br>0.00   | 4.94<br>-0.14<br>0.00   | 4.98<br>-0.10<br>0.00   | 4.97<br>-0.11<br>0.00   | 4.49<br>-0.09<br>0.00   | 4.49<br>-0.08<br>0.00   | 4.98<br>-0.11<br>0.00   | 4.99<br>-0.10<br>0.00   | 6.57<br>-0.15<br>0.00   | 6.25<br>-0.17<br>0.00   | 6.96<br>-0.19<br>0.00   | 5.02<br>-0.15<br>0.00   | 5.02<br>-0.16<br>0.00   | 4.96<br>-0.13<br>0.00   | 4.96<br>-0.14<br>0.00   | 4.95<br>-0.15<br>0.00   | 4.95<br>-0.16<br>0.00   | 7.26<br>-0.26<br>0.00   | 6.80<br>-0.22<br>0.00   | 11.19<br>-0.31<br>0.00  | 11.34<br>-0.31<br>0.00  | 10.05<br>-0.28<br>0.00  | 10.04<br>-0.31<br>0.00  | 8.50<br>-0.24<br>0.00   |
| ALCOA_RYNLDS___DRP<br>24188         | 4.94<br>-0.16<br>0.00   | 4.94<br>-0.14<br>0.00   | 4.98<br>-0.10<br>0.00   | 4.97<br>-0.11<br>0.00   | 4.49<br>-0.09<br>0.00   | 4.49<br>-0.08<br>0.00   | 4.98<br>-0.11<br>0.00   | 4.99<br>-0.10<br>0.00   | 6.57<br>-0.15<br>0.00   | 6.25<br>-0.17<br>0.00   | 6.96<br>-0.19<br>0.00   | 5.02<br>-0.15<br>0.00   | 5.02<br>-0.16<br>0.00   | 4.96<br>-0.13<br>0.00   | 4.96<br>-0.14<br>0.00   | 4.95<br>-0.15<br>0.00   | 4.95<br>-0.16<br>0.00   | 7.26<br>-0.26<br>0.00   | 6.80<br>-0.22<br>0.00   | 11.19<br>-0.31<br>0.00  | 11.34<br>-0.31<br>0.00  | 10.05<br>-0.28<br>0.00  | 10.04<br>-0.31<br>0.00  | 8.50<br>-0.24<br>0.00   |
| ALCOA___DSASP<br>323711             | 4.94<br>-0.15<br>0.00   | 4.94<br>-0.14<br>0.00   | 4.98<br>-0.10<br>0.00   | 4.97<br>-0.11<br>0.00   | 4.49<br>-0.09<br>0.00   | 4.49<br>-0.08<br>0.00   | 4.98<br>-0.11<br>0.00   | 4.99<br>-0.10<br>0.00   | 6.57<br>-0.15<br>0.00   | 6.25<br>-0.17<br>0.00   | 6.96<br>-0.19<br>0.00   | 5.02<br>-0.15<br>0.00   | 5.02<br>-0.16<br>0.00   | 4.96<br>-0.13<br>0.00   | 4.96<br>-0.14<br>0.00   | 4.95<br>-0.15<br>0.00   | 4.95<br>-0.16<br>0.00   | 7.26<br>-0.26<br>0.00   | 6.80<br>-0.22<br>0.00   | 11.19<br>-0.31<br>0.00  | 11.34<br>-0.31<br>0.00  | 10.05<br>-0.28<br>0.00  | 10.04<br>-0.31<br>0.00  | 8.50<br>-0.24<br>0.00   |
| ALLEGHENY___COGEN<br>23514          | 7.86<br>0.25<br>-2.52   | 7.41<br>0.20<br>-2.13   | 7.21<br>0.24<br>-1.87   | 7.03<br>0.23<br>-1.71   | 6.67<br>0.20<br>-1.89   | 6.61<br>0.20<br>-1.84   | 7.30<br>0.23<br>-1.98   | 7.22<br>0.19<br>-1.94   | 8.42<br>0.13<br>-1.56   | 7.89<br>0.14<br>-1.34   | 8.56<br>0.14<br>-1.26   | 6.89<br>0.12<br>-1.60   | 6.93<br>0.12<br>-1.63   | 6.79<br>0.08<br>-1.61   | 6.60<br>0.10<br>-1.40   | 7.03<br>0.11<br>-1.82   | 7.64<br>0.14<br>-2.38   | 10.61<br>0.26<br>-2.83  | 10.78<br>0.28<br>-3.48  | 15.02<br>0.48<br>-3.04  | 15.34<br>0.55<br>-3.14  | 13.11<br>0.51<br>-2.28  | 12.64<br>0.56<br>-1.73  | 10.76<br>0.47<br>-1.55  |
| ALTAMONT_115KV_TB 2<br>55880        | 25.29<br>0.21<br>-19.98 | 22.19<br>0.20<br>-16.91 | 20.16<br>0.20<br>-14.87 | 18.84<br>0.20<br>-13.56 | 19.76<br>0.19<br>-15.00 | 19.38<br>0.19<br>-14.63 | 21.01<br>0.21<br>-15.72 | 20.68<br>0.20<br>-15.39 | 19.38<br>0.30<br>-12.35 | 17.30<br>0.28<br>-10.60 | 17.48<br>0.30<br>-10.03 | 18.09<br>0.22<br>-12.70 | 18.33<br>0.22<br>-12.94 | 18.07<br>0.21<br>-12.76 | 16.44<br>0.20<br>-11.14 | 19.79<br>0.21<br>-14.48 | 24.25<br>0.21<br>-18.93 | 30.31<br>0.34<br>-22.46 | 34.78<br>0.33<br>-27.43 | 35.91<br>0.55<br>-23.86 | 36.79<br>0.56<br>-24.58 | 28.89<br>0.50<br>-18.07 | 24.57<br>0.50<br>-13.72 | 21.41<br>0.38<br>-12.29 |
| ALTONA_WT_PWR<br>323606             | 5.08<br>-0.02<br>0.00   | 5.10<br>0.02<br>0.00    | 5.11<br>0.02<br>0.00    | 5.08<br>-0.01<br>0.00   | 4.58<br>0.01<br>0.00    | 4.59<br>0.02<br>0.00    | 5.11<br>0.03<br>0.00    | 5.11<br>0.02<br>0.00    | 6.76<br>0.03<br>0.00    | 6.39<br>-0.03<br>0.00   | 7.09<br>-0.06<br>0.00   | 5.09<br>-0.08<br>0.00   | 5.06<br>-0.11<br>0.00   | 5.01<br>-0.09<br>0.00   | 5.00<br>-0.10<br>0.00   | 4.98<br>-0.12<br>0.00   | 4.97<br>-0.14<br>0.00   | 7.29<br>-0.23<br>0.00   | 6.86<br>-0.16<br>0.00   | 11.34<br>-0.16<br>0.00  | 11.48<br>-0.17<br>0.00  | 10.15<br>-0.19<br>0.00  | 10.13<br>-0.22<br>0.00  | 8.52<br>-0.22<br>0.00   |
| AMERICAN_REF_FUEL<br>24010          | 7.30<br>-0.07<br>-2.27  | 6.89<br>-0.11<br>-1.92  | 6.71<br>-0.07<br>-1.69  | 6.59<br>-0.04<br>-1.54  | 6.24<br>-0.04<br>-1.71  | 6.20<br>-0.04<br>-1.66  | 6.80<br>-0.08<br>-1.79  | 6.77<br>-0.07<br>-1.75  | 7.95<br>-0.18<br>-1.40  | 7.52<br>-0.11<br>-1.20  | 8.18<br>-0.11<br>-1.14  | 6.57<br>-0.05<br>-1.44  | 6.60<br>-0.05<br>-1.47  | 6.49<br>-0.06<br>-1.45  | 6.30<br>-0.07<br>-1.27  | 6.69<br>-0.06<br>-1.64  | 7.21<br>-0.06<br>-2.15  | 9.99<br>-0.08<br>-2.55  | 10.04<br>-0.12<br>-3.14 | 13.83<br>-0.41<br>-2.74 | 14.02<br>-0.47<br>-2.83 | 12.04<br>-0.34<br>-2.05 | 11.69<br>-0.22<br>-1.56 | 10.02<br>-0.11<br>-1.40 |
| ARKWRIGHT___SUMMIT_WT_PWR<br>323751 | 7.66<br>0.04<br>-2.53   | 7.21<br>-0.01<br>-2.14  | 7.00<br>0.03<br>-1.88   | 6.84<br>0.04<br>-1.72   | 6.49<br>0.02<br>-1.90   | 6.45<br>0.03<br>-1.85   | 7.14<br>0.06<br>-1.99   | 7.13<br>0.09<br>-1.95   | 8.36<br>0.07<br>-1.56   | 7.89<br>0.13<br>-1.34   | 8.58<br>0.15<br>-1.27   | 6.93<br>0.15<br>-1.61   | 6.95<br>0.14<br>-1.64   | 6.82<br>0.11<br>-1.61   | 6.60<br>0.10<br>-1.41   | 7.03<br>0.10<br>-1.83   | 7.61<br>0.11<br>-2.39   | 10.52<br>0.17<br>-2.84  | 10.67<br>0.15<br>-3.50  | 14.64<br>0.09<br>-3.05  | 14.83<br>0.02<br>-3.15  | 12.74<br>0.12<br>-2.29  | 12.32<br>0.23<br>-1.74  | 10.54<br>0.24<br>-1.56  |
| ARTHUR_KILL_GT_1<br>23520           | 21.04<br>0.44<br>-15.51 | 18.62<br>0.41<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.36<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.31<br>0.39<br>-11.84 | 17.09<br>0.40<br>-11.60 | 16.60<br>0.57<br>-9.30  | 14.97<br>0.57<br>-7.99  | 15.36<br>0.65<br>-7.55  | 15.20<br>0.47<br>-9.57  | 15.42<br>0.49<br>-9.76  | 15.20<br>0.47<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.50<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.26<br>0.81<br>-16.94 | 28.67<br>0.70<br>-20.95 | 30.98<br>1.10<br>-18.38 | 31.80<br>1.11<br>-19.04 | 24.95<br>1.01<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.89<br>0.88<br>-9.26  |
| ARTHUR_KILL_2<br>23512              | 21.03<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.35<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.30<br>0.38<br>-11.84 | 17.07<br>0.39<br>-11.60 | 16.59<br>0.56<br>-9.30  | 14.96<br>0.55<br>-7.99  | 15.35<br>0.64<br>-7.55  | 15.19<br>0.46<br>-9.57  | 15.41<br>0.48<br>-9.76  | 15.19<br>0.46<br>-9.63  | 13.98<br>0.48<br>-8.41  | 16.51<br>0.48<br>-10.92 | 19.93<br>0.54<br>-14.28 | 25.24<br>0.78<br>-16.94 | 28.65<br>0.68<br>-20.95 | 30.95<br>1.07<br>-18.38 | 31.77<br>1.07<br>-19.04 | 24.93<br>0.99<br>-13.61 | 21.69<br>1.00<br>-10.34 | 18.86<br>0.86<br>-9.26  |
| ARTHUR_KILL_3<br>23513              | 20.97<br>0.37<br>-15.50 | 18.55<br>0.36<br>-13.12 | 16.97<br>0.35<br>-11.54 | 15.95<br>0.34<br>-10.52 | 16.51<br>0.30<br>-11.64 | 16.22<br>0.30<br>-11.35 | 17.30<br>0.38<br>-11.84 | 17.10<br>0.41<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.44<br>0.51<br>-9.76  | 15.21<br>0.49<br>-9.62  | 14.00<br>0.50<br>-8.41  | 16.52<br>0.50<br>-10.92 | 19.91<br>0.53<br>-14.27 | 25.23<br>0.77<br>-16.93 | 28.66<br>0.68<br>-20.96 | 30.95<br>1.07<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.63<br>0.94<br>-10.34 | 18.78<br>0.79<br>-9.25  |
| ARTHUR_KILL_COGEN<br>323718         | 21.04<br>0.44<br>-15.51 | 18.62<br>0.41<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.36<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.31<br>0.39<br>-11.84 | 17.09<br>0.40<br>-11.60 | 16.60<br>0.57<br>-9.30  | 14.97<br>0.57<br>-7.99  | 15.36<br>0.65<br>-7.55  | 15.20<br>0.47<br>-9.57  | 15.42<br>0.49<br>-9.76  | 15.20<br>0.47<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.50<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.26<br>0.81<br>-16.94 | 28.67<br>0.70<br>-20.95 | 30.98<br>1.10<br>-18.38 | 31.80<br>1.11<br>-19.04 | 24.95<br>1.01<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.89<br>0.88<br>-9.26  |
| ASHOKAN____<br>23654                | 22.16<br>0.07<br>-17.00 | 19.54<br>0.08<br>-14.38 | 17.82<br>0.09<br>-12.65 | 16.70<br>0.08<br>-11.54 | 17.40<br>0.06<br>-12.76 | 17.08<br>0.07<br>-12.44 | 18.39<br>0.14<br>-13.16 | 18.11<br>0.13<br>-12.89 | 17.23<br>0.17<br>-10.34 | 15.41<br>0.12<br>-8.88  | 15.66<br>0.11<br>-8.39  | 15.89<br>0.09<br>-10.63 | 16.10<br>0.09<br>-10.83 | 15.85<br>0.07<br>-10.68 | 14.52<br>0.10<br>-9.33  | 17.32<br>0.10<br>-12.12 | 21.10<br>0.15<br>-15.84 | 26.56<br>0.24<br>-18.80 | 30.31<br>0.23<br>-23.06 | 31.94<br>0.33<br>-20.11 | 32.72<br>0.31<br>-20.75 | 25.76<br>0.31<br>-15.12 | 22.09<br>0.25<br>-11.49 | 19.24<br>0.21<br>-10.29 |

|                                   |                         |                         |                         |                         |                         |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                         |                         |                         |                        |
|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| ASTORIA_EAST_ENERGY_CC1<br>323581 | 21.00<br>0.40<br>-15.51 | 18.60<br>0.39<br>-13.12 | 17.02<br>0.39<br>-11.54 | 15.99<br>0.38<br>-10.53 | 16.56<br>0.34<br>-11.64 | 16.22<br>0.31<br>-11.35 | 17.30<br>0.37<br>-11.84 | 17.07<br>0.39<br>-11.59 | 16.60<br>0.58<br>-9.29 | 14.99<br>0.59<br>-7.98 | 15.37<br>0.67<br>-7.54 | 15.21<br>0.48<br>-9.56 | 15.43<br>0.50<br>-9.75 | 15.20<br>0.48<br>-9.62 | 14.01<br>0.51<br>-8.40 | 16.52<br>0.51<br>-10.91 | 19.91<br>0.54<br>-14.26 | 25.25<br>0.81<br>-16.92 | 28.66<br>0.69<br>-20.95 | 30.96<br>1.08<br>-18.38 | 31.78<br>1.08<br>-19.04 | 24.85<br>0.92<br>-13.60 | 21.61<br>0.92<br>-10.34 | 18.80<br>0.80<br>-9.26 |
| ASTORIA_EAST_ENERGY_CC2<br>323582 | 21.00<br>0.40<br>-15.51 | 18.60<br>0.39<br>-13.12 | 17.02<br>0.39<br>-11.54 | 15.99<br>0.38<br>-10.53 | 16.56<br>0.34<br>-11.64 | 16.22<br>0.31<br>-11.35 | 17.30<br>0.37<br>-11.84 | 17.07<br>0.39<br>-11.59 | 16.60<br>0.58<br>-9.29 | 14.99<br>0.59<br>-7.98 | 15.37<br>0.67<br>-7.54 | 15.21<br>0.48<br>-9.56 | 15.43<br>0.50<br>-9.75 | 15.20<br>0.48<br>-9.62 | 14.01<br>0.51<br>-8.40 | 16.52<br>0.51<br>-10.91 | 19.91<br>0.54<br>-14.26 | 25.25<br>0.81<br>-16.92 | 28.66<br>0.69<br>-20.95 | 30.96<br>1.08<br>-18.38 | 31.78<br>1.08<br>-19.04 | 24.85<br>0.92<br>-13.60 | 21.61<br>0.92<br>-10.34 | 18.80<br>0.80<br>-9.26 |
| ASTORIA_GT2_1<br>24094            | 21.00<br>0.40<br>-15.51 | 18.60<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.34<br>-11.64 | 16.22<br>0.31<br>-11.35 | 17.30<br>0.37<br>-11.84 | 17.08<br>0.40<br>-11.59 | 16.60<br>0.58<br>-9.29 | 14.99<br>0.59<br>-7.98 | 15.37<br>0.67<br>-7.54 | 15.21<br>0.48<br>-9.56 | 15.43<br>0.50<br>-9.75 | 15.20<br>0.48<br>-9.62 | 14.01<br>0.51<br>-8.40 | 16.52<br>0.51<br>-10.91 | 19.92<br>0.54<br>-14.26 | 25.25<br>0.81<br>-16.92 | 28.66<br>0.70<br>-20.95 | 30.96<br>1.08<br>-18.38 | 31.78<br>1.08<br>-19.04 | 24.85<br>0.92<br>-13.60 | 21.61<br>0.92<br>-10.34 | 18.80<br>0.80<br>-9.26 |
| ASTORIA_GT2_2<br>24095            | 21.00<br>0.40<br>-15.51 | 18.60<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.34<br>-11.64 | 16.22<br>0.31<br>-11.35 | 17.30<br>0.37<br>-11.84 | 17.08<br>0.40<br>-11.59 | 16.60<br>0.58<br>-9.29 | 14.99<br>0.59<br>-7.98 | 15.37<br>0.67<br>-7.54 | 15.21<br>0.48<br>-9.56 | 15.43<br>0.50<br>-9.75 | 15.20<br>0.48<br>-9.62 | 14.01<br>0.51<br>-8.40 | 16.52<br>0.51<br>-10.91 | 19.92<br>0.54<br>-14.26 | 25.25<br>0.81<br>-16.92 | 28.66<br>0.70<br>-20.95 | 30.96<br>1.08<br>-18.38 | 31.78<br>1.08<br>-19.04 | 24.85<br>0.92<br>-13.60 | 21.61<br>0.92<br>-10.34 | 18.80<br>0.80<br>-9.26 |
| ASTORIA_GT2_3<br>24096            | 21.00<br>0.40<br>-15.51 | 18.60<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.34<br>-11.64 | 16.22<br>0.31<br>-11.35 | 17.30<br>0.37<br>-11.84 | 17.08<br>0.40<br>-11.59 | 16.60<br>0.58<br>-9.29 | 14.99<br>0.59<br>-7.98 | 15.37<br>0.67<br>-7.54 | 15.21<br>0.48<br>-9.56 | 15.43<br>0.50<br>-9.75 | 15.20<br>0.48<br>-9.62 | 14.01<br>0.51<br>-8.40 | 16.52<br>0.51<br>-10.91 | 19.92<br>0.54<br>-14.26 | 25.25<br>0.81<br>-16.92 | 28.66<br>0.70<br>-20.95 | 30.96<br>1.08<br>-18.38 | 31.78<br>1.08<br>-19.04 | 24.85<br>0.92<br>-13.60 | 21.61<br>0.92<br>-10.34 | 18.80<br>0.80<br>-9.26 |
| ASTORIA_GT2_4<br>24097            | 21.00<br>0.40<br>-15.51 | 18.60<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.34<br>-11.64 | 16.22<br>0.31<br>-11.35 | 17.30<br>0.37<br>-11.84 | 17.08<br>0.40<br>-11.59 | 16.60<br>0.58<br>-9.29 | 14.99<br>0.59<br>-7.98 | 15.37<br>0.67<br>-7.54 | 15.21<br>0.48<br>-9.56 | 15.43<br>0.50<br>-9.75 | 15.20<br>0.48<br>-9.62 | 14.01<br>0.51<br>-8.40 | 16.52<br>0.51<br>-10.91 | 19.92<br>0.54<br>-14.26 | 25.25<br>0.81<br>-16.92 | 28.66<br>0.70<br>-20.95 | 30.96<br>1.08<br>-18.38 | 31.78<br>1.08<br>-19.04 | 24.85<br>0.92<br>-13.60 | 21.61<br>0.92<br>-10.34 | 18.80<br>0.80<br>-9.26 |
| ASTORIA_GT3_1<br>24098            | 21.00<br>0.40<br>-15.51 | 18.60<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.34<br>-11.64 | 16.22<br>0.31<br>-11.35 | 17.30<br>0.37<br>-11.84 | 17.08<br>0.40<br>-11.59 | 16.60<br>0.58<br>-9.29 | 14.99<br>0.59<br>-7.98 | 15.37<br>0.67<br>-7.54 | 15.21<br>0.48<br>-9.56 | 15.43<br>0.50<br>-9.75 | 15.20<br>0.48<br>-9.62 | 14.01<br>0.51<br>-8.40 | 16.52<br>0.51<br>-10.91 | 19.92<br>0.54<br>-14.26 | 25.25<br>0.81<br>-16.92 | 28.66<br>0.70<br>-20.95 | 30.96<br>1.08<br>-18.38 | 31.78<br>1.08<br>-19.04 | 24.85<br>0.92<br>-13.60 | 21.61                   |                        |

|                            |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                        |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT_10<br>24110     | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.55<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99 | 15.40<br>0.69<br>-7.55 | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.63  | 14.02<br>0.51<br>-8.41 | 16.53<br>0.51<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.26<br>0.81<br>-16.94 | 28.70<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.92<br>0.98<br>-13.61 | 21.67<br>0.98<br>-10.34 | 18.84<br>0.83<br>-9.26  |
| ASTORIA_GT_11<br>24225     | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.55<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99 | 15.40<br>0.69<br>-7.55 | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.63  | 14.02<br>0.51<br>-8.41 | 16.53<br>0.51<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.26<br>0.81<br>-16.94 | 28.70<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.92<br>0.98<br>-13.61 | 21.67<br>0.98<br>-10.34 | 18.84<br>0.83<br>-9.26  |
| ASTORIA_GT_12<br>24226     | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.55<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99 | 15.40<br>0.69<br>-7.55 | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.63  | 14.02<br>0.51<br>-8.41 | 16.53<br>0.51<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.26<br>0.81<br>-16.94 | 28.70<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.92<br>0.98<br>-13.61 | 21.67<br>0.98<br>-10.34 | 18.84<br>0.83<br>-9.26  |
| ASTORIA_GT_13<br>24227     | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.55<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99 | 15.40<br>0.69<br>-7.55 | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.63  | 14.02<br>0.51<br>-8.41 | 16.53<br>0.51<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.26<br>0.81<br>-16.94 | 28.70<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.92<br>0.98<br>-13.61 | 21.67<br>0.98<br>-10.34 | 18.84<br>0.83<br>-9.26  |
| ASTORIA_GT_5<br>24106      | 21.01<br>0.41<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.35<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.31<br>0.38<br>-11.84 | 17.08<br>0.40<br>-11.59 | 16.62<br>0.60<br>-9.29  | 15.01<br>0.60<br>-7.98 | 15.38<br>0.68<br>-7.54 | 15.22<br>0.49<br>-9.56  | 15.44<br>0.51<br>-9.75  | 15.21<br>0.49<br>-9.62  | 14.02<br>0.53<br>-8.40 | 16.53<br>0.52<br>-10.91 | 19.93<br>0.55<br>-14.26 | 25.26<br>0.82<br>-16.92 | 28.68<br>0.71<br>-20.95 | 30.98<br>1.10<br>-18.38 | 31.80<br>1.11<br>-19.04 | 24.87<br>0.94<br>-13.60 | 21.63<br>0.94<br>-10.34 | 18.82<br>0.81<br>-9.26  |
| ASTORIA_GT_7<br>24107      | 21.01<br>0.41<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.35<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.31<br>0.38<br>-11.84 | 17.08<br>0.40<br>-11.59 | 16.62<br>0.60<br>-9.29  | 15.01<br>0.60<br>-7.98 | 15.38<br>0.68<br>-7.54 | 15.22<br>0.49<br>-9.56  | 15.44<br>0.51<br>-9.75  | 15.21<br>0.49<br>-9.62  | 14.02<br>0.53<br>-8.40 | 16.53<br>0.52<br>-10.91 | 19.93<br>0.55<br>-14.26 | 25.26<br>0.82<br>-16.92 | 28.68<br>0.71<br>-20.95 | 30.98<br>1.10<br>-18.38 | 31.80<br>1.11<br>-19.04 | 24.87<br>0.94<br>-13.60 | 21.63<br>0.94<br>-10.34 | 18.82<br>0.81<br>-9.26  |
| ASTORIA_GT_8<br>24108      | 21.01<br>0.41<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.35<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.31<br>0.38<br>-11.84 | 17.08<br>0.40<br>-11.59 | 16.62<br>0.60<br>-9.29  | 15.01<br>0.60<br>-7.98 | 15.38<br>0.68<br>-7.54 | 15.22<br>0.49<br>-9.56  | 15.44<br>0.51<br>-9.75  | 15.21<br>0.49<br>-9.62  | 14.02<br>0.53<br>-8.40 | 16.53<br>0.52<br>-10.91 | 19.93<br>0.55<br>-14.26 | 25.26<br>0.82<br>-16.92 | 28.68<br>0.71<br>-20.95 | 30.98<br>1.10<br>-18.38 | 31.80<br>1.11<br>-19.04 | 24.87<br>0.94<br>-13.60 | 21.63<br>0.94<br>-10.34 | 18.82<br>0.81<br>-9.26  |
| ASTORIA___2<br>24149       | 21.00<br>0.40<br>-15.51 | 18.60<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.34<br>-11.64 | 16.22<br>0.31<br>-11.35 | 17.30<br>0.37<br>-11.84 | 17.08<br>0.40<br>-11.59 | 16.60<br>0.58<br>-9.29  | 14.99<br>0.59<br>-7.98 | 15.37<br>0.67<br>-7.54 | 15.21<br>0.48<br>-9.56  | 15.43<br>0.50<br>-9.75  | 15.20<br>0.48<br>-9.62  | 14.01<br>0.51<br>-8.40 | 16.52<br>0.51<br>-10.91 | 19.92<br>0.54<br>-14.26 | 25.25<br>0.81<br>-16.92 | 28.66<br>0.70<br>-20.95 | 30.96<br>1.08<br>-18.38 | 31.78<br>1.08<br>-19.04 | 24.85<br>0.92<br>-13.60 | 21.61<br>0.92<br>-10.34 | 18.80<br>0.80<br>-9.26  |
| ASTORIA___3<br>23516       | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.55<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99 | 15.40<br>0.69<br>-7.55 | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.63  | 14.02<br>0.51<br>-8.41 | 16.53<br>0.51<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.26<br>0.81<br>-16.94 | 28.70<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.92<br>0.98<br>-13.61 | 21.67<br>0.98<br>-10.34 | 18.84<br>0.83<br>-9.26  |
| ASTORIA___4<br>23517       | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.55<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99 | 15.40<br>0.69<br>-7.55 | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.63  | 14.02<br>0.51<br>-8.41 | 16.54<br>0.52<br>-10.92 | 19.93<br>0.54<br>-14.28 | 25.26<br>0.80<br>-16.94 | 28.70<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.92<br>0.98<br>-13.61 | 21.67<br>0.98<br>-10.34 | 18.84<br>0.83<br>-9.26  |
| ASTORIA___5<br>23518       | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.55<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99 | 15.40<br>0.69<br>-7.55 | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.63  | 14.02<br>0.51<br>-8.41 | 16.53<br>0.51<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.26<br>0.81<br>-16.94 | 28.70<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.92<br>0.98<br>-13.61 | 21.67<br>0.98<br>-10.34 | 18.84<br>0.83<br>-9.26  |
| AST_ENERGY_2_CC3<br>323677 | 20.98<br>0.38<br>-15.50 | 18.56<br>0.37<br>-13.12 | 16.98<br>0.36<br>-11.54 | 15.96<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.31<br>0.39<br>-11.84 | 17.10<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99 | 15.38<br>0.67<br>-7.55 | 15.22<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.20<br>0.48<br>-9.62  | 14.00<br>0.49<br>-8.41 | 16.51<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.27 | 25.21<br>0.76<br>-16.93 | 28.66<br>0.68<br>-20.96 | 30.95<br>1.07<br>-18.38 | 31.79<br>1.08<br>-19.05 | 24.88<br>0.94<br>-13.61 | 21.62<br>0.93<br>-10.34 | 18.78<br>0.79<br>-9.25  |
| AST_ENERGY_2_CC4<br>323678 | 20.98<br>0.38<br>-15.50 | 18.56<br>0.37<br>-13.12 | 16.98<br>0.36<br>-11.54 | 15.96<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.31<br>0.39<br>-11.84 | 17.10<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99 | 15.38<br>0.67<br>-7.55 | 15.22<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.20<br>0.48<br>-9.62  | 14.00<br>0.49<br>-8.41 | 16.51<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.27 | 25.21<br>0.76<br>-16.93 | 28.66<br>0.68<br>-20.96 | 30.95<br>1.07<br>-18.38 | 31.79<br>1.08<br>-19.05 | 24.88<br>0.94<br>-13.61 | 21.62<br>0.93<br>-10.34 | 18.78<br>0.79<br>-9.25  |
| ATHENS_STG_1<br>23668      | 22.71<br>0.19<br>-17.43 | 20.00<br>0.18<br>-14.74 | 18.24<br>0.18<br>-12.97 | 17.09<br>0.18<br>-11.83 | 17.82<br>0.16<br>-13.08 | 17.48<br>0.16<br>-12.76 | 19.01<br>0.19<br>-13.73 | 18.74<br>0.20<br>-13.45 | 17.80<br>0.28<br>-10.79 | 15.96<br>0.28<br>-9.26 | 16.22<br>0.31<br>-8.76 | 16.49<br>0.22<br>-11.10 | 16.71<br>0.23<br>-11.30 | 16.46<br>0.22<br>-11.15 | 15.05<br>0.22<br>-9.73 | 17.97<br>0.22<br>-12.65 | 21.88<br>0.23<br>-16.53 | 27.48<br>0.34<br>-19.62 | 31.50<br>0.31<br>-24.17 | 33.12<br>0.48<br>-21.14 | 33.99<br>0.49<br>-21.85 | 26.55<br>0.43<br>-15.78 | 22.77<br>0.43<br>-11.99 | 19.83<br>0.36<br>-10.73 |
| ATHENS_STG_2<br>23670      | 22.71<br>0.19<br>-17.43 | 20.00<br>0.18<br>-14.74 | 18.24<br>0.18<br>-12.97 | 17.09<br>0.18<br>-11.83 | 17.82<br>0.16<br>-13.08 | 17.48<br>0.16<br>-12.76 | 19.01<br>0.19<br>-13.73 | 18.74<br>0.20<br>-13.45 | 17.80<br>0.28<br>-10.79 | 15.96<br>0.28<br>-9.26 | 16.22<br>0.31<br>-8.76 | 16.49<br>0.22<br>-11.10 | 16.71<br>0.23<br>-11.30 | 16.46<br>0.22<br>-11.15 | 15.05<br>0.22<br>-9.73 | 17.97<br>0.22<br>-12.65 | 21.88<br>0.23<br>-16.53 | 27.48<br>0.34<br>-19.62 | 31.50<br>0.31<br>-24.17 | 33.12<br>0.48<br>-21.14 | 33.99<br>0.49<br>-21.85 | 26.55<br>0.43<br>-15.78 | 22.77<br>0.43<br>-11.99 | 19.83<br>0.36<br>-10.73 |

|                                 |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ATHENS_STG_3<br>23677           | 22.71<br>0.19<br>-17.43 | 20.00<br>0.18<br>-14.74 | 18.24<br>0.18<br>-12.97 | 17.09<br>0.18<br>-11.83 | 17.82<br>0.16<br>-13.08 | 17.48<br>0.16<br>-12.76 | 19.01<br>0.19<br>-13.73 | 18.74<br>0.20<br>-13.45 | 17.80<br>0.28<br>-10.79 | 15.96<br>0.28<br>-9.26  | 16.22<br>0.31<br>-8.76  | 16.49<br>0.22<br>-11.10 | 16.71<br>0.23<br>-11.30 | 16.46<br>0.22<br>-11.15 | 15.05<br>0.22<br>-9.73  | 17.97<br>0.22<br>-12.65 | 21.88<br>0.23<br>-16.53 | 27.48<br>0.34<br>-19.62 | 31.50<br>0.31<br>-24.17 | 33.12<br>0.48<br>-21.14 | 33.99<br>0.49<br>-21.85 | 26.55<br>0.43<br>-15.78 | 22.77<br>0.43<br>-11.99 | 19.83<br>0.36<br>-10.73 |
| AUBURN____LFGE<br>323710        | 7.10<br>0.06<br>-1.95   | 6.78<br>0.05<br>-1.65   | 6.60<br>0.06<br>-1.45   | 6.41<br>0.01<br>-1.32   | 6.05<br>0.01<br>-1.46   | 6.00<br>0.00<br>-1.43   | 6.67<br>0.05<br>-1.53   | 6.62<br>0.03<br>-1.50   | 8.02<br>0.09<br>-1.20   | 7.54<br>0.08<br>-1.03   | 8.24<br>0.11<br>-0.98   | 6.49<br>0.08<br>-1.24   | 6.51<br>0.08<br>-1.26   | 6.39<br>0.05<br>-1.24   | 6.23<br>0.05<br>-1.09   | 6.58<br>0.07<br>-1.41   | 7.03<br>0.07<br>-1.84   | 9.84<br>0.14<br>-2.19   | 9.82<br>0.11<br>-2.69   | 14.02<br>0.17<br>-2.35  | 14.26<br>0.17<br>-2.43  | 12.26<br>0.17<br>-1.76  | 11.87<br>0.18<br>-1.34  | 10.04<br>0.10<br>-1.20  |
| BABYLON_RES_REC<br>323704       | 26.80<br>0.51<br>-21.19 | 24.10<br>0.50<br>-18.52 | 24.31<br>0.49<br>-18.73 | 20.75<br>0.47<br>-15.20 | 20.93<br>0.42<br>-15.93 | 20.99<br>0.42<br>-16.00 | 22.63<br>0.52<br>-17.02 | 18.49<br>0.52<br>-12.88 | 19.98<br>0.77<br>-12.49 | 17.46<br>0.73<br>-10.30 | 18.21<br>0.79<br>-10.26 | 18.20<br>0.57<br>-12.46 | 18.52<br>0.58<br>-12.76 | 18.73<br>0.56<br>-13.08 | 18.82<br>0.57<br>-13.15 | 21.15<br>0.57<br>-15.48 | 25.33<br>0.60<br>-19.62 | 28.23<br>0.89<br>-19.82 | 29.21<br>0.82<br>-21.37 | 31.19<br>1.30<br>-18.39 | 34.37<br>1.31<br>-21.41 | 29.94<br>1.15<br>-18.46 | 26.07<br>1.20<br>-14.51 | 20.78<br>0.96<br>-11.07 |
| BABYLON__69_KV_BK2<br>356345    | 26.85<br>0.57<br>-21.19 | 24.15<br>0.54<br>-18.52 | 24.36<br>0.54<br>-18.73 | 20.80<br>0.52<br>-15.20 | 20.97<br>0.47<br>-15.93 | 21.03<br>0.47<br>-16.00 | 22.67<br>0.57<br>-17.02 | 18.54<br>0.57<br>-12.88 | 20.05<br>0.83<br>-12.49 | 17.52<br>0.79<br>-10.30 | 18.27<br>0.85<br>-10.26 | 18.24<br>0.61<br>-12.46 | 18.56<br>0.62<br>-12.76 | 18.78<br>0.61<br>-13.08 | 18.86<br>0.61<br>-13.15 | 21.20<br>0.62<br>-15.48 | 25.38<br>0.65<br>-19.62 | 28.33<br>0.98<br>-19.83 | 29.29<br>0.89<br>-21.38 | 31.32<br>1.41<br>-18.40 | 34.49<br>1.42<br>-21.42 | 30.04<br>1.24<br>-18.47 | 26.18<br>1.31<br>-14.52 | 20.87<br>1.06<br>-11.07 |
| BARON_WINDS____WT_PWR<br>323822 | 8.29<br>0.06<br>-3.14   | 7.76<br>0.03<br>-2.65   | 7.48<br>0.06<br>-2.33   | 7.29<br>0.08<br>-2.13   | 6.99<br>0.06<br>-2.35   | 6.93<br>0.07<br>-2.30   | 7.62<br>0.07<br>-2.47   | 7.60<br>0.09<br>-2.41   | 8.73<br>0.07<br>-1.94   | 8.18<br>0.10<br>-1.66   | 8.84<br>0.11<br>-1.57   | 7.27<br>0.10<br>-1.99   | 7.31<br>0.10<br>-2.03   | 7.17<br>0.08<br>-2.00   | 6.92<br>0.08<br>-1.75   | 7.46<br>0.09<br>-2.27   | 8.18<br>0.10<br>-2.97   | 11.21<br>0.17<br>-3.52  | 11.49<br>0.14<br>-4.33  | 15.43<br>0.15<br>-3.78  | 15.69<br>0.13<br>-3.91  | 13.32<br>0.16<br>-2.83  | 12.71<br>0.21<br>-2.15  | 10.88<br>0.21<br>-1.93  |
| BARRETT_IC_1<br>23704           | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.72<br>0.45<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.57<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.91<br>0.70<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.18<br>0.76<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.78<br>-19.82 | 29.09<br>0.70<br>-21.37 | 31.00<br>1.12<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.88<br>1.02<br>-14.51 | 20.71<br>0.89<br>-11.07 |
| BARRETT_IC_10<br>23701          | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.72<br>0.45<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.57<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.91<br>0.70<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.18<br>0.76<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.78<br>-19.82 | 29.09<br>0.70<br>-21.37 | 31.00<br>1.12<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.88<br>1.02<br>-14.51 | 20.71<br>0.89<br>-11.07 |
| BARRETT_IC_11<br>23702          | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.72<br>0.45<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.57<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.91<br>0.70<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.18<br>0.76<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.78<br>-19.82 | 29.09<br>0.70<br>-21.37 | 31.00<br>1.12<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.88<br>1.02<br>-14.51 | 20.71<br>0.89<br>-11.07 |
| BARRETT_IC_12<br>23703          | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.72<br>0.45<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.57<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.91<br>0.70<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.18<br>0.76<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.78<br>-19.82 | 29.09<br>0.70<br>-21.37 | 31.00<br>1.12<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.88<br>1.02<br>-14.51 | 20.71<br>0.89<br>-11.07 |
| BARRETT_IC_2<br>23705           | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.72<br>0.45<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.57<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.91<br>0.70<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.18<br>0.76<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.78<br>-19.82 | 29.09<br>0.70<br>-21.37 | 31.00<br>1.12<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.88<br>1.02<br>-14.51 | 20.71<br>0.89<br>-11.07 |
| BARRETT_IC_3<br>23706           | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.72<br>0.45<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.57<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.91<br>0.70<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.18<br>0.76<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.78<br>-19.82 | 29.09<br>0.70<br>-21.37 | 31.00<br>1.12<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.88<br>1.02<br>-14.51 | 20.71<br>0.89<br>-11.07 |
| BARRETT_IC_4<br>23707           | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.72<br>0.45<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.57<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.91<br>0.70<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.18<br>0.76<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.78<br>-19.82 | 29.09<br>0.70<br>-21.37 | 31.00<br>1.12<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.88<br>1.02<br>-14.51 | 20.71<br>0.89<br>-11.07 |
| BARRETT_IC_5<br>23708           | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.72<br>0.45<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.57<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.91<br>0.70<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.18<br>0.76<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.78<br>-19.82 | 29.09<br>0.70<br>-21.37 | 31.00<br>1.12<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.88<br>1.02<br>-14.51 | 20.71<br>0.89<br>-11.07 |
| BARRETT_IC_6<br>23709           | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.72<br>0.45<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.57<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.91<br>0.70<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.18<br>0.76<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.78<br>-19.82 | 29.09<br>0.70<br>-21.37 | 31.00<br>1.12<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.88<br>1.02<br>-14.51 | 20.71<br>0.89<br>-11.07 |
| BARRETT_IC_7<br>23710           | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.72<br>0.45<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.57<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.91<br>0.70<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.18<br>0.76<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.78<br>-19.82 | 29.09<br>0.70<br>-21.37 | 31.00<br>1.12<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.88<br>1.02<br>-14.51 | 20.71<br>0.89<br>-11.07 |

|                              |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_8<br>23711        | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.72<br>0.45<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.57<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.91<br>0.70<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.18<br>0.76<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.78<br>-19.82 | 29.09<br>0.70<br>-21.37 | 31.00<br>1.12<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.88<br>1.02<br>-14.51 | 20.71<br>0.89<br>-11.07 |
| BARRETT_IC_9<br>23700        | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.72<br>0.45<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.57<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.91<br>0.70<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.18<br>0.76<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.78<br>-19.82 | 29.09<br>0.70<br>-21.37 | 31.00<br>1.12<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.88<br>1.02<br>-14.51 | 20.71<br>0.89<br>-11.07 |
| BARRETT___1<br>23545         | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.72<br>0.45<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.57<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.91<br>0.70<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.18<br>0.76<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.78<br>-19.82 | 29.09<br>0.70<br>-21.37 | 31.00<br>1.12<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.88<br>1.02<br>-14.51 | 20.71<br>0.89<br>-11.07 |
| BARRETT___2<br>23546         | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.72<br>0.45<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.57<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.91<br>0.70<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.18<br>0.76<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.78<br>-19.82 | 29.09<br>0.70<br>-21.37 | 31.00<br>1.12<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.88<br>1.02<br>-14.51 | 20.71<br>0.89<br>-11.07 |
| BATAVIA___115KV_TB1<br>55881 | 7.33<br>0.11<br>-2.13   | 6.93<br>0.04<br>-1.80   | 6.76<br>0.09<br>-1.59   | 6.64<br>0.11<br>-1.45   | 6.27<br>0.09<br>-1.60   | 6.22<br>0.09<br>-1.56   | 6.84<br>0.08<br>-1.68   | 6.81<br>0.08<br>-1.64   | 8.07<br>0.03<br>-1.31   | 7.62<br>0.06<br>-1.13   | 8.30<br>0.08<br>-1.07   | 6.61<br>0.08<br>-1.35   | 6.64<br>0.08<br>-1.38   | 6.52<br>0.07<br>-1.36   | 6.34<br>0.06<br>-1.19   | 6.73<br>0.09<br>-1.54   | 7.21<br>0.08<br>-2.02   | 10.04<br>0.13<br>-2.39  | 10.06<br>0.10<br>-2.95  | 14.07<br>0.00<br>-2.57  | 14.30<br>-0.01<br>-2.66 | 12.30<br>0.04<br>-1.93  | 11.95<br>0.13<br>-1.46  | 10.24<br>0.18<br>-1.31  |
| BAYONEEC___CTG1<br>323682    | 20.98<br>0.39<br>-15.50 | 18.57<br>0.37<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.96<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.23<br>0.50<br>-9.57  | 15.45<br>0.51<br>-9.76  | 15.21<br>0.49<br>-9.62  | 14.01<br>0.50<br>-8.41  | 16.52<br>0.50<br>-10.92 | 19.92<br>0.53<br>-14.27 | 25.23<br>0.78<br>-16.93 | 28.67<br>0.70<br>-20.96 | 30.98<br>1.09<br>-18.38 | 31.82<br>1.12<br>-19.05 | 24.90<br>0.96<br>-13.61 | 21.65<br>0.96<br>-10.34 | 18.79<br>0.80<br>-9.25  |
| BAYONEEC___CTG10<br>323750   | 20.98<br>0.39<br>-15.50 | 18.57<br>0.37<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.96<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.23<br>0.50<br>-9.57  | 15.45<br>0.51<br>-9.76  | 15.21<br>0.49<br>-9.62  | 14.01<br>0.50<br>-8.41  | 16.52<br>0.50<br>-10.92 | 19.92<br>0.53<br>-14.27 | 25.23<br>0.78<br>-16.93 | 28.67<br>0.70<br>-20.96 | 30.98<br>1.09<br>-18.38 | 31.82<br>1.12<br>-19.05 | 24.90<br>0.96<br>-13.61 | 21.6                    |                         |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BEACON___LESR<br>323632                 | 24.55<br>0.13<br>-19.33 | 21.55<br>0.12<br>-16.35 | 19.60<br>0.14<br>-14.38 | 18.39<br>0.19<br>-13.12 | 19.25<br>0.17<br>-14.51 | 18.88<br>0.17<br>-14.15 | 20.28<br>0.20<br>-14.99 | 19.98<br>0.21<br>-14.68 | 18.78<br>0.28<br>-11.77 | 16.78<br>0.25<br>-10.11 | 17.00<br>0.29<br>-9.56  | 17.49<br>0.21<br>-12.11 | 17.71<br>0.20<br>-12.34 | 17.46<br>0.20<br>-12.17 | 15.91<br>0.19<br>-10.62 | 19.10<br>0.19<br>-13.80 | 23.34<br>0.18<br>-18.04 | 29.19<br>0.26<br>-21.41 | 33.32<br>0.25<br>-26.05 | 34.52<br>0.41<br>-22.60 | 35.31<br>0.41<br>-23.25 | 27.93<br>0.37<br>-17.22 | 23.84<br>0.40<br>-13.08 | 20.78<br>0.32<br>-11.71 |
| BEAVER RIVER___HYD<br>24048             | 5.64<br>-0.09<br>-0.63  | 5.53<br>-0.09<br>-0.54  | 5.49<br>-0.07<br>-0.47  | 5.44<br>-0.07<br>-0.43  | 4.98<br>-0.07<br>-0.48  | 4.96<br>-0.07<br>-0.46  | 5.48<br>-0.10<br>-0.50  | 5.48<br>-0.10<br>-0.49  | 6.96<br>-0.15<br>-0.39  | 6.59<br>-0.17<br>-0.34  | 7.27<br>-0.20<br>-0.32  | 5.42<br>-0.15<br>-0.40  | 5.43<br>-0.16<br>-0.41  | 5.33<br>-0.17<br>-0.40  | 5.24<br>-0.21<br>-0.35  | 5.39<br>-0.17<br>-0.46  | 5.55<br>-0.16<br>-0.60  | 8.01<br>-0.22<br>-0.71  | 7.74<br>-0.15<br>-0.88  | 12.13<br>-0.14<br>-0.76 | 12.33<br>-0.12<br>-0.79 | 10.78<br>-0.12<br>-0.57 | 10.64<br>-0.14<br>-0.43 | 9.02<br>-0.11<br>-0.39  |
| BEEBEE_GT_13<br>23619                   | 7.03<br>0.07<br>-1.87   | 6.68<br>0.02<br>-1.58   | 6.53<br>0.05<br>-1.39   | 6.41<br>0.06<br>-1.27   | 6.03<br>0.05<br>-1.41   | 5.99<br>0.05<br>-1.37   | 6.60<br>0.04<br>-1.47   | 6.58<br>0.05<br>-1.44   | 7.90<br>0.01<br>-1.16   | 7.47<br>0.05<br>-0.99   | 8.17<br>0.07<br>-0.94   | 6.43<br>0.07<br>-1.19   | 6.46<br>0.07<br>-1.21   | 6.34<br>0.05<br>-1.20   | 6.19<br>0.05<br>-1.04   | 6.53<br>0.07<br>-1.36   | 6.94<br>0.06<br>-1.77   | 9.71<br>0.09<br>-2.10   | 9.66<br>0.06<br>-2.59   | 13.75<br>-0.01<br>-2.26 | 13.98<br>-0.01<br>-2.33 | 12.04<br>0.02<br>-1.69  | 11.72<br>0.08<br>-1.29  | 10.01<br>0.11<br>-1.15  |
| BENSHRST_27_KV_BENSHRST_1<br>355998     | 21.06<br>0.46<br>-15.51 | 18.64<br>0.44<br>-13.12 | 17.06<br>0.43<br>-11.54 | 16.02<br>0.41<br>-10.53 | 16.58<br>0.37<br>-11.64 | 16.25<br>0.34<br>-11.35 | 17.34<br>0.42<br>-11.84 | 17.13<br>0.44<br>-11.60 | 16.67<br>0.64<br>-9.30  | 15.05<br>0.64<br>-7.99  | 15.44<br>0.73<br>-7.55  | 15.26<br>0.53<br>-9.57  | 15.48<br>0.54<br>-9.76  | 15.25<br>0.53<br>-9.63  | 14.05<br>0.55<br>-8.41  | 16.57<br>0.55<br>-10.92 | 19.97<br>0.58<br>-14.28 | 25.33<br>0.87<br>-16.94 | 28.76<br>0.78<br>-20.96 | 31.11<br>1.23<br>-18.38 | 31.94<br>1.24<br>-19.05 | 25.01<br>1.07<br>-13.61 | 21.75<br>1.07<br>-10.34 | 18.91<br>0.91<br>-9.26  |
| BETHLEHEM___GRP<br>23843                | 24.50<br>0.06<br>-19.35 | 21.50<br>0.06<br>-16.37 | 19.56<br>0.08<br>-14.40 | 18.35<br>0.13<br>-13.13 | 19.21<br>0.11<br>-14.53 | 18.84<br>0.11<br>-14.16 | 20.27<br>0.14<br>-15.04 | 19.97<br>0.15<br>-14.73 | 18.72<br>0.18<br>-11.82 | 16.74<br>0.17<br>-10.14 | 16.94<br>0.19<br>-9.59  | 17.46<br>0.13<br>-12.15 | 17.69<br>0.13<br>-12.38 | 17.44<br>0.14<br>-12.21 | 15.89<br>0.13<br>-10.66 | 19.09<br>0.13<br>-13.85 | 23.34<br>0.12<br>-18.11 | 29.16<br>0.15<br>-21.49 | 33.32<br>0.14<br>-26.17 | 34.43<br>0.22<br>-22.71 | 35.24<br>0.22<br>-23.37 | 27.82<br>0.21<br>-17.29 | 23.72<br>0.24<br>-13.13 | 20.69<br>0.19<br>-11.76 |
| BETHLEHEM___GS1<br>323560               | 24.50<br>0.06<br>-19.35 | 21.51<br>0.06<br>-16.37 | 19.56<br>0.08<br>-14.40 | 18.35<br>0.13<br>-13.13 | 19.21<br>0.11<br>-14.53 | 18.84<br>0.11<br>-14.16 | 20.27<br>0.14<br>-15.04 | 19.97<br>0.15<br>-14.73 | 18.73<br>0.19<br>-11.82 | 16.74<br>0.17<br>-10.14 | 16.94<br>0.19<br>-9.59  | 17.46<br>0.13<br>-12.15 | 17.69<br>0.13<br>-12.38 | 17.44<br>0.14<br>-12.21 | 15.89<br>0.13<br>-10.66 | 19.09<br>0.13<br>-13.85 | 23.34<br>0.12<br>-18.11 | 29.16<br>0.15<br>-21.49 | 33.32<br>0.14<br>-26.17 | 34.43<br>0.22<br>-22.71 | 35.24<br>0.22<br>-23.37 | 27.82<br>0.21<br>-17.29 | 23.72<br>0.24<br>-13.13 | 20.69<br>0.19<br>-11.76 |
| BETHLEHEM___GS2<br>323561               | 24.50<br>0.06<br>-19.35 | 21.51<br>0.06<br>-16.37 | 19.56<br>0.08<br>-14.40 | 18.35<br>0.13<br>-13.13 | 19.21<br>0.11<br>-14.53 | 18.84<br>0.11<br>-14.16 | 20.27<br>0.14<br>-15.04 | 19.97<br>0.15<br>-14.73 | 18.73<br>0.19<br>-11.82 | 16.74<br>0.17<br>-10.14 | 16.94<br>0.19<br>-9.59  | 17.46<br>0.13<br>-12.15 | 17.69<br>0.13<br>-12.38 | 17.44<br>0.14<br>-12.21 | 15.89<br>0.13<br>-10.66 | 19.09<br>0.13<br>-13.85 | 23.34<br>0.12<br>-18.11 | 29.16<br>0.15<br>-21.49 | 33.32<br>0.14<br>-26.17 | 34.43<br>0.22<br>-22.71 | 35.24<br>0.22<br>-23.37 | 27.82<br>0.21<br>-17.29 | 23.72<br>0.24<br>-13.13 | 20.69<br>0.19<br>-11.76 |
| BETHLEHEM___GS3<br>323562               | 24.50<br>0.06<br>-19.35 | 21.51<br>0.06<br>-16.37 | 19.56<br>0.08<br>-14.40 | 18.35<br>0.13<br>-13.13 | 19.21<br>0.11<br>-14.53 | 18.84<br>0.11<br>-14.16 | 20.27<br>0.14<br>-15.04 | 19.97<br>0.15<br>-14.73 | 18.73<br>0.19<br>-11.82 | 16.74<br>0.17<br>-10.14 | 16.94<br>0.19<br>-9.59  | 17.46<br>0.13<br>-12.15 | 17.69<br>0.13<br>-12.38 | 17.44<br>0.14<br>-12.21 | 15.89<br>0.13<br>-10.66 | 19.09<br>0.13<br>-13.85 | 23.34<br>0.12<br>-18.11 | 29.16<br>0.15<br>-21.49 | 33.32<br>0.14<br>-26.17 | 34.43<br>0.22<br>-22.71 | 35.24<br>0.22<br>-23.37 | 27.82<br>0.21<br>-17.29 | 23.72<br>0.24<br>-13.13 | 20.69<br>0.19<br>-11.76 |
| BETHLEHEM___STEEL<br>23779              | 7.56<br>0.03<br>-2.44   | 7.11<br>-0.04<br>-2.06  | 6.91<br>0.01<br>-1.82   | 6.78<br>0.04<br>-1.66   | 6.43<br>0.02<br>-1.83   | 6.38<br>0.03<br>-1.79   | 7.03<br>0.02<br>-1.92   | 7.00<br>0.03<br>-1.88   | 8.22<br>-0.01<br>-1.50  | 7.75<br>0.03<br>-1.29   | 8.42<br>0.04<br>-1.22   | 6.79<br>0.07<br>-1.55   | 6.82<br>0.07<br>-1.58   | 6.70<br>0.05<br>-1.55   | 6.50<br>0.05<br>-1.36   | 6.94<br>0.07<br>-1.76   | 7.48<br>0.06<br>-2.31   | 10.35<br>0.09<br>-2.74  | 10.45<br>0.06<br>-3.37  | 14.35<br>-0.09<br>-2.94 | 14.54<br>-0.15<br>-3.04 | 12.48<br>-0.05<br>-2.21 | 12.08<br>0.05<br>-1.68  | 10.35<br>0.10<br>-1.50  |
| BETHLHEM_115KV_TB1<br>79974             | 24.51<br>0.08<br>-19.34 | 21.52<br>0.08<br>-16.36 | 19.57<br>0.09<br>-14.39 | 18.34<br>0.14<br>-13.13 | 19.21<br>0.12<br>-14.52 | 18.84<br>0.12<br>-14.15 | 20.30<br>0.15<br>-15.06 | 20.00<br>0.15<br>-14.75 | 18.75<br>0.19<br>-11.83 | 16.76<br>0.18<br>-10.16 | 16.97<br>0.20<br>-9.61  | 17.49<br>0.14<br>-12.17 | 17.71<br>0.14<br>-12.40 | 17.47<br>0.14<br>-12.23 | 15.91<br>0.14<br>-10.68 | 19.11<br>0.14<br>-13.87 | 23.38<br>0.13<br>-18.14 | 29.21<br>0.17<br>-21.52 | 33.40<br>0.15<br>-26.22 | 34.52<br>0.25<br>-22.77 | 35.33<br>0.24<br>-23.43 | 27.87<br>0.23<br>-17.31 | 23.76<br>0.26<br>-13.15 | 20.73<br>0.21<br>-11.78 |
| BETHPAGE_CC_5<br>323564                 | 26.78<br>0.49<br>-21.19 | 24.08<br>0.48<br>-18.52 | 24.29<br>0.47<br>-18.73 | 20.74<br>0.46<br>-15.20 | 20.92<br>0.41<br>-15.93 | 20.97<br>0.41<br>-16.00 | 22.61<br>0.51<br>-17.02 | 18.48<br>0.51<br>-12.88 | 19.97<br>0.75<br>-12.49 | 17.45<br>0.73<br>-10.30 | 18.21<br>0.79<br>-10.26 | 18.20<br>0.57<br>-12.46 | 18.52<br>0.58<br>-12.76 | 18.73<br>0.56<br>-13.08 | 18.82<br>0.58<br>-13.15 | 21.15<br>0.57<br>-15.48 | 25.32<br>0.59<br>-19.62 | 28.20<br>0.86<br>-19.82 | 29.18<br>0.79<br>-21.37 | 31.13<br>1.24<br>-18.39 | 34.31<br>1.25<br>-21.41 | 29.89<br>1.09<br>-18.46 | 26.00<br>1.14<br>-14.51 | 20.77<br>0.95<br>-11.07 |
| BIGTREE_115_KV_TB2_REV_LBMP_A<br>345034 | 7.57<br>0.01<br>-2.47   | 7.13<br>-0.05<br>-2.09  | 6.92<br>-0.01<br>-1.84  | 6.78<br>0.03<br>-1.68   | 6.44<br>0.01<br>-1.86   | 6.39<br>0.01<br>-1.81   | 7.03<br>0.01<br>-1.94   | 7.01<br>0.02<br>-1.90   | 8.23<br>-0.02<br>-1.52  | 7.75<br>0.02<br>-1.31   | 8.42<br>0.03<br>-1.24   | 6.79<br>0.06<br>-1.57   | 6.83<br>0.06<br>-1.60   | 6.71<br>0.04<br>-1.57   | 6.51<br>0.04<br>-1.37   | 6.95<br>0.06<br>-1.79   | 7.49<br>0.05<br>-2.34   | 10.36<br>0.07<br>-2.77  | 10.48<br>0.04<br>-3.41  | 14.38<br>-0.10<br>-2.98 | 14.56<br>-0.17<br>-3.08 | 12.50<br>-0.06<br>-2.23 | 12.08<br>0.03<br>-1.70  | 10.35<br>0.09<br>-1.52  |
| BINGHAMTON___COGEN<br>23790             | 9.58<br>0.08<br>-4.41   | 8.87<br>0.06<br>-3.73   | 8.44<br>0.07<br>-3.28   | 8.16<br>0.08<br>-2.99   | 7.95<br>0.06<br>-3.31   | 7.86<br>0.06<br>-3.23   | 8.62<br>0.07<br>-3.47   | 8.57<br>0.08<br>-3.40   | 9.54<br>0.09<br>-2.72   | 8.86<br>0.10<br>-2.34   | 9.48<br>0.11<br>-2.21   | 8.06<br>0.09<br>-2.80   | 8.12<br>0.09<br>-2.85   | 7.98<br>0.07<br>-2.81   | 7.63<br>0.07<br>-2.46   | 8.38<br>0.09<br>-3.19   | 9.38<br>0.09<br>-4.17   | 12.62<br>0.15<br>-4.95  | 13.24<br>0.13<br>-6.09  | 17.01<br>0.20<br>-5.32  | 17.34<br>0.19<br>-5.49  | 14.49<br>0.18<br>-3.98  | 13.57<br>0.20<br>-3.03  | 11.63<br>0.17<br>-2.71  |
| BIXINCNT_115KV_LOAD<br>355685           | 7.71<br>0.01<br>-2.61   | 7.24<br>-0.05<br>-2.21  | 7.02<br>-0.01<br>-1.94  | 6.88<br>0.02<br>-1.77   | 6.53<br>0.00<br>-1.96   | 6.49<br>0.01<br>-1.91   | 7.15<br>0.01<br>-2.05   | 7.13<br>0.03<br>-2.01   | 8.32<br>-0.02<br>-1.61  | 7.83<br>0.03<br>-1.38   | 8.49<br>0.03<br>-1.31   | 6.89<br>0.06<br>-1.66   | 6.93<br>0.06<br>-1.69   | 6.80<br>0.04<br>-1.67   | 6.59<br>0.04<br>-1.45   | 7.05<br>0.06<br>-1.89   | 7.63<br>0.05<br>-2.47   | 10.52<br>0.07<br>-2.93  | 10.68<br>0.06<br>-3.61  | 14.60<br>-0.05<br>-3.15 | 14.82<br>-0.09<br>-3.25 | 12.70<br>0.01<br>-2.36  | 12.22<br>0.07<br>-1.79  | 10.47<br>0.12<br>-1.61  |
| BLACK RIVER___HYD<br>24047              | 5.93<br>-0.04<br>-0.87  | 5.76<br>-0.06<br>-0.74  | 5.70<br>-0.04<br>-0.65  | 5.63<br>-0.04<br>-0.59  | 5.19<br>-0.04<br>-0.66  | 5.16<br>-0.05<br>-0.64  | 5.70<br>-0.08<br>-0.69  | 5.68<br>-0.08<br>-0.67  | 7.14<br>-0.13<br>-0.54  | 6.75<br>-0.14<br>-0.46  | 7.42<br>-0.17<br>-0.44  | 5.59<br>-0.13<br>-0.56  | 5.60<br>-0.14<br>-0.57  | 5.49<br>-0.16<br>-0.56  | 5.40<br>-0.19<br>-0.49  | 5.58<br>-0.16<br>-0.63  | 5.80<br>-0.14<br>-0.83  | 8.32<br>-0.18<br>-0.98  | 8.12<br>-0.11<br>-1.21  | 12.51<br>-0.05<br>-1.05 | 12.73<br>-0.01<br>-1.09 | 11.08<br>-0.04<br>-0.79 | 10.90<br>-0.05<br>-0.60 | 9.24<br>-0.03<br>-0.54  |

|                                    |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BLACKRVR_115KV_TB2<br>79977        | 5.93<br>-0.04<br>-0.87  | 5.76<br>-0.06<br>-0.74  | 5.70<br>-0.04<br>-0.65  | 5.63<br>-0.04<br>-0.59  | 5.19<br>-0.04<br>-0.66  | 5.16<br>-0.05<br>-0.64  | 5.70<br>-0.08<br>-0.69  | 5.68<br>-0.08<br>-0.67  | 7.14<br>-0.13<br>-0.54  | 6.75<br>-0.13<br>-0.46  | 7.42<br>-0.17<br>-0.44  | 5.59<br>-0.13<br>-0.56  | 5.60<br>-0.14<br>-0.57  | 5.49<br>-0.16<br>-0.56  | 5.40<br>-0.19<br>-0.49  | 5.58<br>-0.16<br>-0.63  | 5.80<br>-0.14<br>-0.83  | 8.32<br>-0.18<br>-0.98  | 8.12<br>-0.11<br>-1.21  | 12.51<br>-0.05<br>-1.05 | 12.73<br>-0.01<br>-1.09 | 11.08<br>-0.04<br>-0.79 | 10.90<br>-0.05<br>-0.60 | 9.24<br>-0.03<br>-0.54  |
| BLISS_WT_PWR<br>323608             | 7.70<br>-0.01<br>-2.61  | 7.24<br>-0.05<br>-2.21  | 7.02<br>-0.01<br>-1.94  | 6.87<br>0.01<br>-1.77   | 6.53<br>-0.01<br>-1.96  | 6.49<br>0.01<br>-1.91   | 7.15<br>0.01<br>-2.05   | 7.13<br>0.03<br>-2.01   | 8.30<br>-0.03<br>-1.61  | 7.83<br>0.03<br>-1.38   | 8.49<br>0.03<br>-1.31   | 6.89<br>0.07<br>-1.66   | 6.93<br>0.07<br>-1.69   | 6.80<br>0.04<br>-1.67   | 6.59<br>0.04<br>-1.45   | 7.04<br>0.05<br>-1.89   | 7.63<br>0.05<br>-2.47   | 10.53<br>0.08<br>-2.93  | 10.69<br>0.06<br>-3.61  | 14.62<br>-0.03<br>-3.15 | 14.83<br>-0.08<br>-3.25 | 12.71<br>0.02<br>-2.36  | 12.24<br>0.09<br>-1.79  | 10.47<br>0.12<br>-1.61  |
| BLUE_CIRC_CHEM_DRP<br>24182        | 24.20<br>0.13<br>-18.98 | 21.26<br>0.13<br>-16.06 | 19.35<br>0.14<br>-14.12 | 18.13<br>0.16<br>-12.88 | 18.97<br>0.15<br>-14.25 | 18.61<br>0.15<br>-13.89 | 20.12<br>0.17<br>-14.86 | 19.81<br>0.16<br>-14.55 | 18.62<br>0.22<br>-11.67 | 16.65<br>0.20<br>-10.02 | 16.86<br>0.22<br>-9.48  | 17.34<br>0.17<br>-12.01 | 17.57<br>0.16<br>-12.23 | 17.32<br>0.16<br>-12.06 | 15.78<br>0.15<br>-10.53 | 18.94<br>0.15<br>-13.69 | 23.15<br>0.15<br>-17.89 | 28.96<br>0.21<br>-21.23 | 33.15<br>0.20<br>-25.94 | 34.38<br>0.32<br>-22.56 | 35.22<br>0.33<br>-23.24 | 27.71<br>0.30<br>-17.08 | 23.65<br>0.32<br>-12.97 | 20.61<br>0.25<br>-11.62 |
| BOC_GAS_DRP<br>24189               | 24.50<br>0.12<br>-19.29 | 21.52<br>0.12<br>-16.32 | 19.57<br>0.13<br>-14.35 | 18.32<br>0.15<br>-13.09 | 19.18<br>0.13<br>-14.48 | 18.81<br>0.13<br>-14.12 | 20.42<br>0.14<br>-15.19 | 20.12<br>0.15<br>-14.88 | 18.86<br>0.20<br>-11.93 | 16.86<br>0.19<br>-10.25 | 17.06<br>0.21<br>-9.69  | 17.60<br>0.16<br>-12.28 | 17.84<br>0.16<br>-12.50 | 17.58<br>0.15<br>-12.33 | 16.02<br>0.15<br>-10.77 | 19.25<br>0.15<br>-13.99 | 23.56<br>0.15<br>-18.29 | 29.44<br>0.22<br>-21.70 | 33.75<br>0.20<br>-26.54 | 34.90<br>0.31<br>-23.09 | 35.77<br>0.31<br>-23.80 | 28.07<br>0.28<br>-17.46 | 23.91<br>0.30<br>-13.26 | 20.86<br>0.24<br>-11.88 |
| BOONVILLE_115KV_TB1<br>79983       | 5.67<br>0.02<br>-0.55   | 5.56<br>0.01<br>-0.47   | 5.52<br>0.02<br>-0.41   | 5.49<br>0.04<br>-0.38   | 5.02<br>0.03<br>-0.42   | 5.00<br>0.03<br>-0.41   | 5.53<br>0.01<br>-0.44   | 5.54<br>0.03<br>-0.43   | 7.08<br>0.01<br>-0.34   | 6.72<br>0.01<br>-0.29   | 7.42<br>-0.01<br>-0.28  | 5.51<br>-0.02<br>-0.35  | 5.52<br>-0.02<br>-0.36  | 5.42<br>-0.03<br>-0.35  | 5.35<br>-0.05<br>-0.31  | 5.48<br>-0.03<br>-0.40  | 5.62<br>-0.02<br>-0.52  | 8.13<br>-0.01<br>-0.62  | 7.81<br>0.02<br>-0.77   | 12.27<br>0.10<br>-0.67  | 12.46<br>0.12<br>-0.69  | 10.91<br>0.08<br>-0.50  | 10.80<br>0.07<br>-0.38  | 9.17<br>0.09<br>-0.34   |
| BORALEX_4TH_BRANCH<br>23824        | 24.68<br>0.22<br>-19.36 | 21.67<br>0.21<br>-16.38 | 19.70<br>0.21<br>-14.40 | 18.42<br>0.20<br>-13.14 | 19.29<br>0.19<br>-14.53 | 18.93<br>0.19<br>-14.17 | 20.21<br>0.27<br>-14.85 | 19.91<br>0.27<br>-14.55 | 18.78<br>0.39<br>-11.67 | 16.79<br>0.35<br>-10.02 | 17.02<br>0.39<br>-9.47  | 17.45<br>0.27<br>-12.00 | 17.67<br>0.27<br>-12.22 | 17.42<br>0.27<br>-12.06 | 15.91<br>0.29<br>-10.53 | 19.06<br>0.28<br>-13.68 | 23.28<br>0.28<br>-17.88 | 29.17<br>0.43<br>-21.22 | 32.95<br>0.41<br>-25.51 | 34.14<br>0.67<br>-21.97 | 34.80<br>0.66<br>-22.49 | 28.01<br>0.61<br>-17.07 | 23.95<br>0.63<br>-12.97 | 20.83<br>0.48<br>-11.61 |
| BOWLINE___1<br>23526               | 20.45<br>0.35<br>-15.01 | 18.11<br>0.33<br>-12.69 | 16.58<br>0.33<br>-11.17 | 15.58<br>0.32<br>-10.19 | 16.12<br>0.28<br>-11.27 | 15.83<br>0.27<br>-10.98 | 16.90<br>0.35<br>-11.47 | 16.69<br>0.37<br>-11.23 | 16.26<br>0.53<br>-9.01  | 14.68<br>0.52<br>-7.73  | 15.06<br>0.59<br>-7.31  | 14.86<br>0.42<br>-9.26  | 15.05<br>0.43<br>-9.44  | 14.82<br>0.42<br>-9.31  | 13.66<br>0.43<br>-8.13  | 16.09<br>0.43<br>-10.56 | 19.38<br>0.46<br>-13.80 | 24.57<br>0.67<br>-16.38 | 27.92<br>0.61<br>-20.29 | 30.26<br>0.97<br>-17.80 | 31.06<br>0.97<br>-18.44 | 24.36<br>0.85<br>-13.18 | 21.20<br>0.84<br>-10.01 | 18.39<br>0.69<br>-8.96  |
| BOWLINE___2<br>23595               | 20.36<br>0.37<br>-14.89 | 18.03<br>0.36<br>-12.60 | 16.51<br>0.35<br>-11.08 | 15.52<br>0.34<br>-10.11 | 16.05<br>0.30<br>-11.18 | 15.76<br>0.29<br>-10.90 | 16.84<br>0.37<br>-11.38 | 16.63<br>0.39<br>-11.15 | 16.22<br>0.56<br>-8.94  | 14.64<br>0.55<br>-7.68  | 15.03<br>0.62<br>-7.26  | 14.82<br>0.45<br>-9.20  | 15.00<br>0.46<br>-9.37  | 14.77<br>0.44<br>-9.24  | 13.62<br>0.46<br>-8.07  | 16.04<br>0.45<br>-10.48 | 19.31<br>0.49<br>-13.70 | 24.49<br>0.71<br>-16.26 | 27.80<br>0.65<br>-20.14 | 30.19<br>1.02<br>-17.66 | 30.98<br>1.03<br>-18.30 | 24.32<br>0.91<br>-13.08 | 21.18<br>0.89<br>-9.93  | 18.36<br>0.73<br>-8.90  |
| BRADY___115KV_TB2<br>356060        | 4.93<br>-0.17<br>0.00   | 4.93<br>-0.15<br>0.00   | 4.98<br>-0.11<br>0.00   | 4.97<br>-0.11<br>0.00   | 4.48<br>-0.09<br>0.00   | 4.48<br>-0.09<br>0.00   | 4.96<br>-0.12<br>0.00   | 4.98<br>-0.11<br>0.00   | 6.56<br>-0.17<br>0.00   | 6.23<br>-0.19<br>0.00   | 6.94<br>-0.22<br>0.00   | 4.99<br>-0.18<br>0.00   | 4.99<br>-0.18<br>0.00   | 4.94<br>-0.16<br>0.00   | 4.93<br>-0.17<br>0.00   | 4.92<br>-0.18<br>0.00   | 4.93<br>-0.18<br>0.00   | 7.23<br>-0.29<br>0.00   | 6.79<br>-0.23<br>0.00   | 11.20<br>-0.30<br>0.00  | 11.36<br>-0.29<br>0.00  | 10.05<br>-0.28<br>0.00  | 10.04<br>-0.31<br>0.00  | 8.49<br>-0.25<br>0.00   |
| BRANSCOMB___SOLAR<br>323811        | 25.32<br>0.17<br>-20.05 | 22.21<br>0.16<br>-16.96 | 20.17<br>0.16<br>-14.92 | 18.84<br>0.15<br>-13.61 | 19.78<br>0.15<br>-15.05 | 19.40<br>0.16<br>-14.68 | 20.92<br>0.20<br>-15.63 | 20.57<br>0.17<br>-15.31 | 19.34<br>0.33<br>-12.28 | 17.26<br>0.30<br>-10.54 | 17.45<br>0.32<br>-9.97  | 18.04<br>0.24<br>-12.63 | 18.27<br>0.23<br>-12.87 | 18.01<br>0.22<br>-12.69 | 16.38<br>0.20<br>-11.08 | 19.71<br>0.21<br>-14.40 | 24.11<br>0.18<br>-18.82 | 30.14<br>0.29<br>-22.33 | 34.45<br>0.27<br>-27.15 | 35.52<br>0.47<br>-23.55 | 36.38<br>0.51<br>-24.21 | 28.76<br>0.47<br>-17.96 | 24.47<br>0.48<br>-13.65 | 21.29<br>0.33<br>-12.22 |
| BRENTWOD_69_KV_W. BRTWOOD<br>56703 | 26.82<br>0.53<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.77<br>0.50<br>-15.20 | 20.95<br>0.44<br>-15.93 | 21.01<br>0.44<br>-16.00 | 22.65<br>0.55<br>-17.02 | 18.52<br>0.54<br>-12.88 | 20.01<br>0.80<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.23<br>0.82<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.75<br>0.58<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.16<br>0.58<br>-15.48 | 25.35<br>0.61<br>-19.62 | 28.29<br>0.92<br>-19.85 | 29.26<br>0.84<br>-21.40 | 31.25<br>1.32<br>-18.42 | 34.41<br>1.32<br>-21.44 | 29.97<br>1.15<br>-18.49 | 26.11<br>1.24<br>-14.52 | 20.81<br>1.00<br>-11.07 |
| BRISTLHL_115KV_TB1<br>79998        | 6.35<br>-0.10<br>-1.36  | 6.11<br>-0.12<br>-1.15  | 5.99<br>-0.10<br>-1.01  | 5.90<br>-0.10<br>-0.92  | 5.49<br>-0.10<br>-1.02  | 5.46<br>-0.11<br>-0.99  | 6.05<br>-0.11<br>-1.07  | 6.03<br>-0.11<br>-1.04  | 7.42<br>-0.15<br>-0.84  | 7.01<br>-0.13<br>-0.72  | 7.69<br>-0.14<br>-0.68  | 5.93<br>-0.10<br>-0.86  | 5.96<br>-0.10<br>-0.88  | 5.85<br>-0.12<br>-0.87  | 5.73<br>-0.12<br>-0.76  | 5.98<br>-0.11<br>-0.98  | 6.29<br>-0.11<br>-1.28  | 8.91<br>-0.14<br>-1.52  | 8.75<br>-0.14<br>-1.87  | 12.91<br>-0.23<br>-1.64 | 13.11<br>-0.23<br>-1.69 | 11.35<br>-0.21<br>-1.23 | 11.10<br>-0.19<br>-0.93 | 9.43<br>-0.15<br>-0.83  |
| BROOKHAVEN___DRP<br>24191          | 26.84<br>0.56<br>-21.19 | 24.13<br>0.53<br>-18.52 | 24.34<br>0.52<br>-18.73 | 20.78<br>0.50<br>-15.20 | 20.96<br>0.45<br>-15.93 | 21.03<br>0.46<br>-16.00 | 22.66<br>0.56<br>-17.02 | 18.51<br>0.54<br>-12.88 | 20.03<br>0.81<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.23<br>0.81<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.77<br>0.59<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.18<br>0.60<br>-15.48 | 25.36<br>0.62<br>-19.62 | 28.32<br>0.98<br>-19.82 | 29.28<br>0.89<br>-21.37 | 31.29<br>1.40<br>-18.39 | 34.40<br>1.34<br>-21.41 | 29.98<br>1.19<br>-18.46 | 26.20<br>1.33<br>-14.52 | 20.85<br>1.03<br>-11.07 |
| BROOKLYN_NAVY_YARD<br>23515        | 20.98<br>0.38<br>-15.50 | 18.56<br>0.37<br>-13.12 | 16.98<br>0.36<br>-11.54 | 15.96<br>0.35<br>-10.52 | 16.52<br>0.31<br>-11.64 | 16.22<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.20<br>0.48<br>-9.62  | 14.00<br>0.50<br>-8.41  | 16.51<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.27 | 25.21<br>0.76<br>-16.93 | 28.66<br>0.69<br>-20.96 | 30.96<br>1.08<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.65<br>0.96<br>-10.34 | 18.79<br>0.80<br>-9.25  |
| BROOKLYN___ARMY_DRP<br>323595      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55  | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.52<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.02<br>-10.34 | 18.88<br>0.87<br>-9.26  |



|                                  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BROOKVLE_69_KV_TB1<br>55790      | 26.76<br>0.47<br>-21.19 | 24.06<br>0.46<br>-18.52 | 24.26<br>0.45<br>-18.73 | 20.71<br>0.43<br>-15.20 | 20.89<br>0.38<br>-15.93 | 20.94<br>0.38<br>-16.00 | 22.58<br>0.47<br>-17.02 | 18.46<br>0.49<br>-12.88 | 19.92<br>0.71<br>-12.49 | 17.42<br>0.69<br>-10.30 | 18.19<br>0.77<br>-10.26 | 18.19<br>0.56<br>-12.46 | 18.51<br>0.57<br>-12.76 | 18.72<br>0.55<br>-13.08 | 18.81<br>0.57<br>-13.15 | 21.14<br>0.56<br>-15.48 | 25.32<br>0.59<br>-19.62 | 28.21<br>0.87<br>-19.82 | 29.17<br>0.79<br>-21.37 | 31.13<br>1.24<br>-18.39 | 34.32<br>1.26<br>-21.40 | 29.89<br>1.11<br>-18.46 | 25.97<br>1.11<br>-14.51 | 20.72<br>0.91<br>-11.07 |
| BROOME_2_LFGE<br>323671          | 9.58<br>0.07<br>-4.41   | 8.87<br>0.06<br>-3.73   | 8.44<br>0.07<br>-3.28   | 8.15<br>0.08<br>-2.99   | 7.95<br>0.06<br>-3.31   | 7.86<br>0.06<br>-3.23   | 8.62<br>0.07<br>-3.47   | 8.57<br>0.08<br>-3.40   | 9.54<br>0.09<br>-2.72   | 8.86<br>0.10<br>-2.34   | 9.48<br>0.11<br>-2.21   | 8.06<br>0.09<br>-2.80   | 8.12<br>0.09<br>-2.85   | 7.98<br>0.07<br>-2.81   | 7.63<br>0.07<br>-2.46   | 8.38<br>0.08<br>-3.19   | 9.38<br>0.09<br>-4.17   | 12.63<br>0.16<br>-4.95  | 13.24<br>0.13<br>-6.09  | 17.01<br>0.20<br>-5.32  | 17.34<br>0.19<br>-5.49  | 14.49<br>0.18<br>-3.98  | 13.57<br>0.20<br>-3.03  | 11.63<br>0.17<br>-2.71  |
| BROOME__LFGE<br>323600           | 9.58<br>0.07<br>-4.41   | 8.87<br>0.06<br>-3.73   | 8.44<br>0.07<br>-3.28   | 8.15<br>0.08<br>-2.99   | 7.95<br>0.06<br>-3.31   | 7.86<br>0.06<br>-3.23   | 8.62<br>0.07<br>-3.47   | 8.57<br>0.08<br>-3.40   | 9.54<br>0.09<br>-2.72   | 8.86<br>0.10<br>-2.34   | 9.48<br>0.11<br>-2.21   | 8.06<br>0.09<br>-2.80   | 8.12<br>0.09<br>-2.85   | 7.98<br>0.07<br>-2.81   | 7.63<br>0.07<br>-2.46   | 8.38<br>0.08<br>-3.19   | 9.38<br>0.09<br>-4.17   | 12.63<br>0.16<br>-4.95  | 13.24<br>0.13<br>-6.09  | 17.01<br>0.20<br>-5.32  | 17.34<br>0.19<br>-5.49  | 14.49<br>0.18<br>-3.98  | 13.57<br>0.20<br>-3.03  | 11.63<br>0.17<br>-2.71  |
| BROWNFLS_115KV_TB_3_5<br>80003   | 5.35<br>-0.19<br>-0.45  | 5.28<br>-0.18<br>-0.38  | 5.27<br>-0.15<br>-0.33  | 5.23<br>-0.16<br>-0.30  | 4.77<br>-0.14<br>-0.33  | 4.76<br>-0.14<br>-0.33  | 5.26<br>-0.18<br>-0.35  | 5.26<br>-0.18<br>-0.34  | 6.75<br>-0.25<br>-0.28  | 6.40<br>-0.26<br>-0.24  | 7.07<br>-0.31<br>-0.22  | 5.22<br>-0.24<br>-0.28  | 5.22<br>-0.24<br>-0.29  | 5.14<br>-0.24<br>-0.28  | 5.08<br>-0.27<br>-0.25  | 5.17<br>-0.25<br>-0.32  | 5.29<br>-0.24<br>-0.42  | 7.67<br>-0.35<br>-0.50  | 7.35<br>-0.29<br>-0.62  | 11.66<br>-0.38<br>-0.54 | 11.85<br>-0.36<br>-0.56 | 10.40<br>-0.33<br>-0.40 | 10.31<br>-0.35<br>-0.31 | 8.73<br>-0.29<br>-0.27  |
| BROWNSV1_27_KV_LOAD<br>356125    | 21.02<br>0.43<br>-15.50 | 18.61<br>0.41<br>-13.12 | 17.02<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.52 | 16.56<br>0.34<br>-11.64 | 16.25<br>0.34<br>-11.35 | 17.35<br>0.43<br>-11.84 | 17.14<br>0.45<br>-11.60 | 16.69<br>0.66<br>-9.30  | 15.06<br>0.66<br>-7.99  | 15.45<br>0.74<br>-7.55  | 15.27<br>0.53<br>-9.57  | 15.48<br>0.55<br>-9.76  | 15.25<br>0.53<br>-9.62  | 14.04<br>0.54<br>-8.41  | 16.56<br>0.54<br>-10.92 | 19.95<br>0.57<br>-14.27 | 25.29<br>0.84<br>-16.93 | 28.73<br>0.76<br>-20.96 | 31.08<br>1.20<br>-18.38 | 31.91<br>1.21<br>-19.05 | 24.98<br>1.04<br>-13.61 | 21.72<br>1.04<br>-10.34 | 18.85<br>0.86<br>-9.25  |
| BURROWS__LYONSDAL<br>23803       | 5.66<br>0.00<br>-0.57   | 5.55<br>-0.01<br>-0.48  | 5.51<br>0.00<br>-0.42   | 5.48<br>0.02<br>-0.39   | 5.01<br>0.01<br>-0.43   | 4.99<br>0.00<br>-0.42   | 5.51<br>0.00<br>-0.45   | 5.53<br>0.00<br>-0.44   | 7.05<br>-0.03<br>-0.35  | 6.69<br>-0.03<br>-0.30  | 7.39<br>-0.06<br>-0.29  | 5.49<br>-0.05<br>-0.36  | 5.50<br>-0.05<br>-0.37  | 5.40<br>-0.06<br>-0.36  | 5.32<br>-0.09<br>-0.32  | 5.45<br>-0.06<br>-0.41  | 5.61<br>-0.05<br>-0.54  | 8.11<br>-0.05<br>-0.64  | 7.79<br>-0.01<br>-0.79  | 12.23<br>0.05<br>-0.69  | 12.43<br>0.07<br>-0.71  | 10.89<br>0.04<br>-0.51  | 10.77<br>0.03<br>-0.39  | 9.14<br>0.05<br>-0.35   |
| CAITHNESS_CC_1<br>323624         | 26.83<br>0.55<br>-21.19 | 24.13<br>0.52<br>-18.52 | 24.34<br>0.52<br>-18.73 | 20.78<br>0.50<br>-15.20 | 20.96<br>0.45<br>-15.93 | 21.02<br>0.46<br>-16.00 | 22.66<br>0.56<br>-17.02 | 18.51<br>0.54<br>-12.88 | 20.03<br>0.82<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.23<br>0.81<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.77<br>0.59<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.18<br>0.60<br>-15.48 | 25.36<br>0.63<br>-19.62 | 28.31<br>0.97<br>-19.82 | 29.27<br>0.88<br>-21.37 | 31.27<br>1.38<br>-18.39 | 34.40<br>1.34<br>-21.41 | 29.98<br>1.19<br>-18.46 | 26.19<br>1.31<br>-14.52 | 20.84<br>1.02<br>-11.07 |
| CALPINE BETH_PAGE_GT4<br>24209   | 26.77<br>0.49<br>-21.19 | 24.08<br>0.47<br>-18.52 | 24.28<br>0.46<br>-18.73 | 20.74<br>0.46<br>-15.20 | 20.92<br>0.41<br>-15.93 | 20.97<br>0.41<br>-16.00 | 22.61<br>0.50<br>-17.02 | 18.48<br>0.51<br>-12.88 | 19.96<br>0.75<br>-12.49 | 17.45<br>0.73<br>-10.30 | 18.21<br>0.79<br>-10.26 | 18.20<br>0.57<br>-12.46 | 18.52<br>0.58<br>-12.76 | 18.74<br>0.57<br>-13.08 | 18.83<br>0.58<br>-13.15 | 21.14<br>0.56<br>-15.48 | 25.32<br>0.59<br>-19.62 | 28.18<br>0.84<br>-19.82 | 29.16<br>0.77<br>-21.37 | 31.10<br>1.21<br>-18.39 | 34.28<br>1.22<br>-21.41 | 29.86<br>1.06<br>-18.46 | 25.97<br>1.11<br>-14.51 | 20.77<br>0.95<br>-11.07 |
| CALPINE_BETH_PAGE_GT_4<br>323586 | 26.77<br>0.49<br>-21.19 | 24.07<br>0.47<br>-18.52 | 24.28<br>0.46<br>-18.73 | 20.74<br>0.46<br>-15.20 | 20.92<br>0.41<br>-15.93 | 20.97<br>0.41<br>-16.00 | 22.61<br>0.50<br>-17.02 | 18.48<br>0.51<br>-12.88 | 19.97<br>0.75<br>-12.49 | 17.45<br>0.73<br>-10.30 | 18.21<br>0.79<br>-10.26 | 18.20<br>0.57<br>-12.46 | 18.52<br>0.58<br>-12.76 | 18.74<br>0.57<br>-13.08 | 18.82<br>0.58<br>-13.15 | 21.14<br>0.56<br>-15.48 | 25.32<br>0.59<br>-19.62 | 28.18<br>0.84<br>-19.82 | 29.16<br>0.77<br>-21.37 | 31.10<br>1.21<br>-18.39 | 34.28<br>1.22<br>-21.41 | 29.86<br>1.06<br>-18.46 | 25.97<br>1.11<br>-14.51 | 20.77<br>0.95<br>-11.07 |
| CALPINE_BP_GT1<br>23823          | 26.77<br>0.49<br>-21.19 | 24.07<br>0.47<br>-18.52 | 24.28<br>0.46<br>-18.73 | 20.74<br>0.46<br>-15.20 | 20.92<br>0.41<br>-15.93 | 20.97<br>0.41<br>-16.00 | 22.61<br>0.50<br>-17.02 | 18.48<br>0.51<br>-12.88 | 19.97<br>0.75<br>-12.49 | 17.45<br>0.73<br>-10.30 | 18.21<br>0.79<br>-10.26 | 18.20<br>0.57<br>-12.46 | 18.52<br>0.58<br>-12.76 | 18.74<br>0.57<br>-13.08 | 18.82<br>0.58<br>-13.15 | 21.14<br>0.56<br>-15.48 | 25.32<br>0.59<br>-19.62 | 28.18<br>0.84<br>-19.82 | 29.16<br>0.77<br>-21.37 | 31.10<br>1.21<br>-18.39 | 34.28<br>1.22<br>-21.41 | 29.86<br>1.06<br>-18.46 | 25.97<br>1.11<br>-14.51 | 20.77<br>0.95<br>-11.07 |
| CALSPAN__DRP<br>24200            | 7.56<br>0.03<br>-2.44   | 7.11<br>-0.04<br>-2.06  | 6.91<br>0.01<br>-1.82   | 6.78<br>0.04<br>-1.66   | 6.43<br>0.02<br>-1.83   | 6.38<br>0.03<br>-1.79   | 7.03<br>0.02<br>-1.92   | 7.00<br>0.03<br>-1.88   | 8.22<br>-0.01<br>-1.50  | 7.75<br>0.03<br>-1.29   | 8.42<br>0.04<br>-1.22   | 6.79<br>0.07<br>-1.55   | 6.82<br>0.07<br>-1.58   | 6.70<br>0.05<br>-1.55   | 6.50<br>0.05<br>-1.36   | 6.94<br>0.07<br>-1.76   | 7.48<br>0.06<br>-2.31   | 10.35<br>0.09<br>-2.74  | 10.45<br>0.06<br>-3.37  | 14.35<br>-0.09<br>-2.94 | 14.54<br>-0.15<br>-3.04 | 12.48<br>-0.05<br>-2.21 | 12.08<br>0.05<br>-1.68  | 10.35<br>0.10<br>-1.50  |
| CALVERTON__SOLAR<br>323806       | 26.85<br>0.57<br>-21.19 | 24.14<br>0.54<br>-18.52 | 24.35<br>0.53<br>-18.73 | 20.79<br>0.51<br>-15.20 | 20.97<br>0.46<br>-15.93 | 21.04<br>0.47<br>-16.00 | 22.67<br>0.57<br>-17.02 | 18.52<br>0.55<br>-12.88 | 20.04<br>0.83<br>-12.49 | 17.50<br>0.77<br>-10.30 | 18.23<br>0.82<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.78<br>0.60<br>-13.08 | 18.85<br>0.60<br>-13.15 | 21.19<br>0.61<br>-15.48 | 25.37<br>0.64<br>-19.62 | 28.34<br>1.00<br>-19.82 | 29.30<br>0.91<br>-21.37 | 31.33<br>1.44<br>-18.39 | 34.44<br>1.37<br>-21.41 | 30.01<br>1.22<br>-18.46 | 26.23<br>1.36<br>-14.52 | 20.86<br>1.05<br>-11.07 |
| CANDIGU_WT_PWR<br>323617         | 8.29<br>0.06<br>-3.14   | 7.76<br>0.03<br>-2.65   | 7.48<br>0.06<br>-2.33   | 7.29<br>0.08<br>-2.13   | 6.99<br>0.06<br>-2.35   | 6.93<br>0.07<br>-2.30   | 7.62<br>0.07<br>-2.47   | 7.60<br>0.09<br>-2.41   | 8.73<br>0.07<br>-1.94   | 8.18<br>0.10<br>-1.66   | 8.84<br>0.11<br>-1.57   | 7.27<br>0.10<br>-1.99   | 7.31<br>0.10<br>-2.03   | 7.17<br>0.08<br>-2.00   | 6.92<br>0.08<br>-1.75   | 7.46<br>0.09<br>-2.27   | 8.18<br>0.10<br>-2.97   | 11.21<br>0.17<br>-3.52  | 11.49<br>0.14<br>-4.33  | 15.43<br>0.15<br>-3.78  | 15.69<br>0.13<br>-3.91  | 13.32<br>0.16<br>-2.83  | 12.71<br>0.21<br>-2.15  | 10.88<br>0.21<br>-1.93  |
| CARR STREET_E_SYR<br>24060       | 6.51<br>-0.05<br>-1.47  | 6.26<br>-0.06<br>-1.24  | 6.13<br>-0.05<br>-1.09  | 6.03<br>-0.05<br>-1.00  | 5.63<br>-0.05<br>-1.10  | 5.59<br>-0.05<br>-1.08  | 6.19<br>-0.06<br>-1.16  | 6.18<br>-0.04<br>-1.13  | 7.56<br>-0.07<br>-0.91  | 7.15<br>-0.05<br>-0.78  | 7.85<br>-0.05<br>-0.74  | 6.07<br>-0.04<br>-0.93  | 6.10<br>-0.03<br>-0.95  | 5.98<br>-0.05<br>-0.94  | 5.87<br>-0.05<br>-0.82  | 6.13<br>-0.04<br>-1.06  | 6.47<br>-0.04<br>-1.39  | 9.14<br>-0.03<br>-1.65  | 9.01<br>-0.04<br>-2.03  | 13.19<br>-0.08<br>-1.77 | 13.41<br>-0.08<br>-1.83 | 11.59<br>-0.07<br>-1.33 | 11.30<br>-0.06<br>-1.01 | 9.61<br>-0.03<br>-0.90  |
| CARTHAGE__PAPER<br>23857         | 5.79<br>-0.09<br>-0.78  | 5.65<br>-0.10<br>-0.66  | 5.59<br>-0.08<br>-0.58  | 5.53<br>-0.08<br>-0.53  | 5.08<br>-0.08<br>-0.59  | 5.06<br>-0.08<br>-0.57  | 5.59<br>-0.11<br>-0.61  | 5.58<br>-0.11<br>-0.60  | 7.04<br>-0.17<br>-0.48  | 6.65<br>-0.22<br>-0.41  | 7.33<br>-0.22<br>-0.39  | 5.50<br>-0.17<br>-0.50  | 5.50<br>-0.18<br>-0.51  | 5.41<br>-0.19<br>-0.50  | 5.31<br>-0.22<br>-0.44  | 5.48<br>-0.19<br>-0.57  | 5.68<br>-0.17<br>-0.74  | 8.17<br>-0.23<br>-0.88  | 7.94<br>-0.15<br>-1.08  | 12.30<br>-0.14<br>-0.94 | 12.52<br>-0.11<br>-0.97 | 10.92<br>-0.11<br>-0.71 | 10.75<br>-0.13<br>-0.54 | 9.10<br>-0.12<br>-0.48  |

|                                |                         |                         |                         |                         |                         |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                         |                         |                         |                        |
|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| CASSADAGA_WT_PWR<br>323784     | 7.71<br>0.06<br>-2.56   | 7.26<br>0.02<br>-2.16   | 7.04<br>0.06<br>-1.90   | 6.88<br>0.06<br>-1.74   | 6.53<br>0.04<br>-1.92   | 6.49<br>0.06<br>-1.87   | 7.18<br>0.09<br>-2.01   | 7.18<br>0.13<br>-1.97   | 8.42<br>0.11<br>-1.58  | 7.94<br>0.17<br>-1.35  | 8.63<br>0.19<br>-1.28  | 6.97<br>0.18<br>-1.62  | 7.00<br>0.17<br>-1.65  | 6.86<br>0.14<br>-1.63  | 6.63<br>0.11<br>-1.42  | 7.07<br>0.12<br>-1.85   | 7.66<br>0.13<br>-2.42   | 10.58<br>0.20<br>-2.87  | 10.74<br>0.19<br>-3.53  | 14.77<br>0.18<br>-3.08  | 14.94<br>0.10<br>-3.18  | 12.86<br>0.22<br>-2.31  | 12.42<br>0.31<br>-1.75  | 10.64<br>0.33<br>-1.57 |
| CE_DUNWOOD___DRP<br>24194      | 20.93<br>0.37<br>-15.47 | 18.52<br>0.35<br>-13.09 | 16.94<br>0.34<br>-11.51 | 15.91<br>0.33<br>-10.50 | 16.48<br>0.29<br>-11.62 | 16.18<br>0.29<br>-11.32 | 17.27<br>0.37<br>-11.82 | 17.05<br>0.38<br>-11.57 | 16.56<br>0.55<br>-9.28 | 14.94<br>0.55<br>-7.97 | 15.32<br>0.62<br>-7.54 | 15.16<br>0.44<br>-9.55 | 15.36<br>0.46<br>-9.73 | 15.13<br>0.44<br>-9.59 | 13.93<br>0.45<br>-8.38 | 16.44<br>0.45<br>-10.88 | 19.82<br>0.48<br>-14.23 | 25.10<br>0.70<br>-16.88 | 28.57<br>0.63<br>-20.91 | 30.85<br>1.00<br>-18.35 | 31.67<br>1.00<br>-19.01 | 24.79<br>0.88<br>-13.58 | 21.54<br>0.87<br>-10.31 | 18.69<br>0.72<br>-9.24 |
| CE_MILLWOOD___DRP<br>24193     | 20.86<br>0.36<br>-15.41 | 18.46<br>0.34<br>-13.04 | 16.88<br>0.33<br>-11.47 | 15.86<br>0.32<br>-10.46 | 16.43<br>0.28<br>-11.57 | 16.13<br>0.28<br>-11.28 | 17.21<br>0.36<br>-11.77 | 16.99<br>0.37<br>-11.53 | 16.51<br>0.54<br>-9.25 | 14.90<br>0.53<br>-7.94 | 15.27<br>0.60<br>-7.51 | 15.12<br>0.43<br>-9.51 | 15.31<br>0.45<br>-9.69 | 15.08<br>0.43<br>-9.55 | 13.88<br>0.44<br>-8.34 | 16.38<br>0.44<br>-10.84 | 19.75<br>0.47<br>-14.17 | 25.02<br>0.68<br>-16.82 | 28.47<br>0.62<br>-20.83 | 30.75<br>0.98<br>-18.28 | 31.57<br>0.98<br>-18.94 | 24.72<br>0.86<br>-13.53 | 21.48<br>0.85<br>-10.27 | 18.64<br>0.70<br>-9.20 |
| CE_NYC2_DRP<br>24202           | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.02<br>0.39<br>-11.54 | 15.99<br>0.38<br>-10.53 | 16.55<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.40<br>0.69<br>-7.55 | 15.24<br>0.50<br>-9.57 | 15.45<br>0.52<br>-9.76 | 15.22<br>0.50<br>-9.63 | 14.02<br>0.51<br>-8.41 | 16.54<br>0.52<br>-10.92 | 19.93<br>0.54<br>-14.28 | 25.26<br>0.80<br>-16.94 | 28.70<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.93<br>0.99<br>-13.61 | 21.67<br>0.98<br>-10.34 | 18.84<br>0.83<br>-9.26 |
| CE_NYC_DRP<br>24195            | 20.99<br>0.39<br>-15.50 | 18.57<br>0.38<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.97<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.65<br>0.62<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.40<br>0.69<br>-7.55 | 15.23<br>0.50<br>-9.57 | 15.45<br>0.51<br>-9.76 | 15.21<br>0.49<br>-9.62 | 14.01<br>0.50<br>-8.40 | 16.52<br>0.51<br>-10.92 | 19.92<br>0.53<br>-14.27 | 25.23<br>0.78<br>-16.93 | 28.68<br>0.70<br>-20.96 | 30.99<br>1.10<br>-18.38 | 31.82<br>1.12<br>-19.05 | 24.90<br>0.96<br>-13.61 | 21.65<br>0.96<br>-10.33 | 18.79<br>0.80<br>-9.25 |
| CHAFFEE___LFGE<br>323603       | 7.60<br>-0.02<br>-2.52  | 7.16<br>-0.06<br>-2.13  | 6.95<br>-0.02<br>-1.88  | 6.81<br>0.02<br>-1.71   | 6.47<br>0.00<br>-1.89   | 6.42<br>0.01<br>-1.85   | 7.06<br>0.02<br>-1.98   | 7.05<br>0.02<br>-1.94   | 8.23<br>-0.05<br>-1.56 | 7.77<br>0.01<br>-1.34  | 8.43<br>0.01<br>-1.26  | 6.82<br>0.05<br>-1.60  | 6.86<br>0.05<br>-1.63  | 6.74<br>0.03<br>-1.61  | 6.53<br>0.03<br>-1.40  | 6.96<br>0.03<br>-1.82   | 7.53<br>0.04<br>-2.38   | 10.41<br>0.06<br>-2.83  | 10.54<br>0.04<br>-3.49  | 14.42<br>0.04<br>-3.04  | 14.61<br>-0.19<br>-3.14 | 12.54<br>-0.07<br>-2.28 | 12.10<br>0.02<br>-1.73  | 10.37<br>0.08<br>-1.55 |
| CHATEAUG_35_KV_LOAD<br>355732  | 5.05<br>-0.05<br>0.00   | 5.07<br>-0.01<br>0.00   | 5.08<br>-0.01<br>0.00   | 5.05<br>-0.04<br>0.00   | 4.56<br>-0.01<br>0.00   | 4.56<br>0.00<br>0.00    | 5.08<br>-0.01<br>0.00   | 5.08<br>-0.01<br>0.00   | 6.71<br>-0.01<br>0.00  | 6.35<br>-0.08<br>0.00  | 7.05<br>-0.11<br>0.00  | 5.06<br>-0.11<br>0.00  | 5.03<br>-0.14<br>0.00  | 4.98<br>-0.12<br>0.00  | 4.97<br>-0.13<br>0.00  | 4.95<br>-0.15<br>0.00   | 4.95<br>-0.16<br>0.00   | 7.26<br>-0.26<br>0.00   | 6.83<br>-0.19<br>0.00   | 11.29<br>-0.21<br>0.00  | 11.43<br>-0.22<br>0.00  | 10.10<br>-0.23<br>0.00  | 10.09<br>-0.26<br>0.00  | 8.50<br>-0.24<br>0.00  |
| CHATEAUG_WT_PWR<br>323614      | 5.05<br>-0.04<br>0.00   | 5.08<br>-0.01<br>0.00   | 5.09<br>0.00<br>0.00    | 5.06<br>-0.03<br>0.00   | 4.56<br>-0.01<br>0.00   | 4.57<br>0.00<br>0.00    | 5.09<br>0.00<br>0.00    | 5.09<br>-0.01<br>0.00   | 6.73<br>0.00<br>0.00   | 6.36<br>-0.06<br>0.00  | 7.06<br>-0.09<br>0.00  | 5.07<br>-0.10<br>0.00  | 5.05<br>-0.13<br>0.00  | 5.00<br>-0.10<br>0.00  | 4.98<br>-0.12<br>0.00  | 4.97<br>-0.13<br>0.00   | 4.96<br>-0.15<br>0.00   | 7.27<br>-0.25<br>0.00   | 6.84<br>-0.18<br>0.00   | 11.29<br>-0.21<br>0.00  | 11.43<br>-0.22<br>0.00  | 10.10<br>-0.23<br>0.00  | 10.10<br>-0.23<br>0.00  | 8.51<br>-0.25<br>0.00  |
| CHAT_HIGH_FALL_HYD<br>323578   | 5.05<br>-0.04<br>0.00   | 5.07<br>-0.01<br>0.00   | 5.08<br>-0.01<br>0.00   | 5.05<br>-0.03<br>0.00   | 4.56<br>-0.01<br>0.00   | 4.56<br>0.00<br>0.00    | 5.08<br>-0.01<br>0.00   | 5.08<br>-0.01<br>0.00   | 6.71<br>-0.01<br>0.00  | 6.35<br>-0.08<br>0.00  | 7.05<br>-0.11<br>0.00  | 5.06<br>-0.11<br>0.00  | 5.03<br>-0.14<br>0.00  | 4.98<br>-0.12<br>0.00  | 4.97<br>-0.13<br>0.00  | 4.96<br>-0.14<br>0.00   | 4.95<br>-0.16<br>0.00   | 7.26<br>-0.26<br>0.00   | 6.83<br>-0.19<br>0.00   | 11.29<br>-0.21<br>0.00  | 11.43<br>-0.22<br>0.00  | 10.10<br>-0.23<br>0.00  | 10.09<br>-0.26<br>0.00  | 8.50<br>-0.24<br>0.00  |
| CHAUTAUQUA___LFGE<br>323629    | 7.61<br>0.05<br>-2.47   | 7.17<br>0.00<br>-2.09   | 6.97<br>0.05<br>-1.84   | 6.82<br>0.06<br>-1.68   | 6.47<br>0.04<br>-1.86   | 6.43<br>0.05<br>-1.81   | 7.10<br>0.07<br>-1.94   | 7.08<br>0.09<br>-1.90   | 8.31<br>0.05<br>-1.53  | 7.84<br>0.11<br>-1.31  | 8.52<br>0.13<br>-1.24  | 6.87<br>0.13<br>-1.57  | 6.90<br>0.13<br>-1.60  | 6.78<br>0.11<br>-1.58  | 6.57<br>0.09<br>-1.38  | 6.99<br>0.10<br>-1.79   | 7.56<br>0.11<br>-2.34   | 10.45<br>0.16<br>-2.77  | 10.58<br>0.14<br>-3.42  | 14.54<br>0.06<br>-2.98  | 14.72<br>-0.01<br>-3.08 | 12.66<br>0.09<br>-2.23  | 12.24<br>0.19<br>-1.70  | 10.48<br>0.22<br>-1.52 |
| CHERRYST_13_KV_LD<br>356241    | 21.00<br>0.41<br>-15.50 | 18.59<br>0.39<br>-13.12 | 17.00<br>0.38<br>-11.54 | 15.98<br>0.37<br>-10.52 | 16.54<br>0.33<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.41<br>-11.84 | 17.12<br>0.44<br>-11.60 | 16.66<br>0.63<br>-9.30 | 15.04<br>0.63<br>-7.99 | 15.42<br>0.71<br>-7.55 | 15.25<br>0.51<br>-9.57 | 15.46<br>0.53<br>-9.76 | 15.23<br>0.51<br>-9.62 | 14.02<br>0.52<br>-8.40 | 16.54<br>0.52<br>-10.92 | 19.93<br>0.55<br>-14.27 | 25.25<br>0.80<br>-16.93 | 28.70<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.86<br>1.15<br>-19.05 | 24.93<br>0.99<br>-13.61 | 21.67<br>0.98<br>-10.33 | 18.82<br>0.82<br>-9.25 |
| CHESTROR_138KV_BK263<br>355645 | 19.52<br>0.32<br>-14.11 | 17.33<br>0.30<br>-11.94 | 15.89<br>0.30<br>-10.50 | 14.95<br>0.28<br>-9.58  | 15.42<br>0.25<br>-10.60 | 15.15<br>0.25<br>-10.33 | 16.20<br>0.32<br>-10.80 | 15.99<br>0.33<br>-10.57 | 15.68<br>0.47<br>-8.48 | 14.17<br>0.46<br>-7.28 | 14.56<br>0.52<br>-6.89 | 14.27<br>0.37<br>-8.72 | 14.44<br>0.38<br>-8.89 | 14.22<br>0.36<br>-8.76 | 13.13<br>0.38<br>-7.65 | 15.42<br>0.38<br>-9.94  | 18.51<br>0.40<br>-13.00 | 23.54<br>0.59<br>-15.42 | 26.66<br>0.54<br>-19.10 | 29.10<br>0.85<br>-16.75 | 29.87<br>0.86<br>-17.35 | 23.50<br>0.76<br>-12.41 | 20.53<br>0.76<br>-9.42  | 17.79<br>0.61<br>-8.44 |
| CH_MIDHUDSON___DRP<br>24192    | 21.14<br>0.34<br>-15.71 | 18.69<br>0.32<br>-13.29 | 17.09<br>0.31<br>-11.69 | 16.05<br>0.30<br>-10.66 | 16.63<br>0.27<br>-11.80 | 16.33<br>0.26<br>-11.50 | 17.42<br>0.34<br>-12.00 | 17.19<br>0.35<br>-11.75 | 16.64<br>0.49<br>-9.42 | 15.00<br>0.49<br>-8.09 | 15.35<br>0.54<br>-7.65 | 15.26<br>0.40<br>-9.69 | 15.45<br>0.40<br>-9.87 | 15.22<br>0.38<br>-9.74 | 14.00<br>0.40<br>-8.50 | 16.55<br>0.40<br>-11.05 | 19.99<br>0.43<br>-14.44 | 25.28<br>0.62<br>-17.14 | 28.76<br>0.57<br>-21.17 | 30.93<br>0.90<br>-18.53 | 31.73<br>0.90<br>-19.18 | 24.92<br>0.81<br>-13.79 | 21.62<br>0.80<br>-10.47 | 18.77<br>0.65<br>-9.38 |
| CH_MISC_IPPS<br>23765          | 20.87<br>0.37<br>-15.41 | 18.47<br>0.35<br>-13.04 | 16.89<br>0.34<br>-11.47 | 15.87<br>0.33<br>-10.46 | 16.43<br>0.28<br>-11.57 | 16.13<br>0.28<br>-11.28 | 17.23<br>0.37<br>-11.77 | 17.00<br>0.38<br>-11.53 | 16.51<br>0.53<br>-9.25 | 14.89<br>0.52<br>-7.94 | 15.25<br>0.58<br>-7.51 | 15.11<br>0.42<br>-9.51 | 15.30<br>0.43<br>-9.69 | 15.06<br>0.40<br>-9.56 | 13.87<br>0.42<br>-8.35 | 16.37<br>0.42<br>-10.84 | 19.75<br>0.47<br>-14.18 | 25.03<br>0.68<br>-16.82 | 28.44<br>0.62<br>-20.80 | 30.71<br>0.99<br>-18.22 | 31.50<br>0.98<br>-18.86 | 24.75<br>0.89<br>-13.53 | 21.49<br>0.86<br>-10.28 | 18.64<br>0.70<br>-9.20 |
| CH_RES_BVR_FALLS<br>23983      | 4.96<br>-0.14<br>0.00   | 4.95<br>-0.13<br>0.00   | 4.95<br>-0.13<br>0.00   | 4.95<br>-0.13<br>0.00   | 4.46<br>-0.11<br>0.00   | 4.47<br>-0.10<br>0.00   | 4.97<br>-0.12<br>0.00   | 4.98<br>-0.11<br>0.00   | 6.58<br>-0.14<br>0.00  | 6.28<br>-0.14<br>0.00  | 7.00<br>-0.16<br>0.00  | 5.05<br>-0.12<br>0.00  | 5.05<br>-0.12<br>0.00  | 4.98<br>-0.12<br>0.00  | 4.97<br>-0.12<br>0.00  | 4.97<br>-0.13<br>0.00   | 4.97<br>-0.14<br>0.00   | 7.31<br>-0.21<br>0.00   | 6.84<br>-0.18<br>0.00   | 11.24<br>-0.26<br>0.00  | 11.40<br>-0.26<br>0.00  | 10.10<br>-0.23<br>0.00  | 10.12<br>-0.23<br>0.00  | 8.55<br>-0.19<br>0.00  |

|                                |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CH_RES_NIAGARA<br>23895        | 7.25<br>-0.10<br>-2.26  | 6.85<br>-0.14<br>-1.91  | 6.67<br>-0.10<br>-1.68  | 6.55<br>-0.07<br>-1.54  | 6.20<br>-0.07<br>-1.70  | 6.16<br>-0.06<br>-1.65  | 6.77<br>-0.09<br>-1.78  | 6.73<br>-0.08<br>-1.71  | 7.91<br>-0.19<br>-1.37  | 7.48<br>-0.12<br>-1.18  | 8.15<br>-0.12<br>-1.11  | 6.53<br>-0.05<br>-1.41  | 6.57<br>-0.05<br>-1.44  | 6.44<br>-0.07<br>-1.41  | 6.26<br>-0.07<br>-1.23  | 6.65<br>-0.07<br>-1.61  | 7.16<br>-0.06<br>-2.11  | 9.94<br>-0.09<br>-2.51  | 10.02<br>-0.13<br>-3.13 | 13.77<br>-0.46<br>-2.73 | 13.96<br>-0.51<br>-2.82 | 12.00<br>-0.38<br>-2.05 | 11.67<br>-0.24<br>-1.56 | 10.00<br>-0.14<br>-1.39 |
| CH_RES_SYRACUSE<br>23985       | 6.69<br>-0.03<br>-1.62  | 6.42<br>-0.04<br>-1.37  | 6.27<br>-0.03<br>-1.21  | 6.16<br>-0.03<br>-1.10  | 5.77<br>-0.03<br>-1.22  | 5.73<br>-0.03<br>-1.19  | 6.33<br>-0.03<br>-1.28  | 6.32<br>-0.02<br>-1.25  | 7.69<br>-0.04<br>-1.00  | 7.26<br>-0.03<br>-0.86  | 7.95<br>-0.02<br>-0.81  | 6.19<br>-0.02<br>-1.03  | 6.21<br>-0.02<br>-1.05  | 6.10<br>-0.03<br>-1.04  | 5.97<br>-0.03<br>-0.91  | 6.26<br>-0.02<br>-1.18  | 6.64<br>-0.02<br>-1.54  | 9.34<br>0.00<br>-1.82   | 9.24<br>-0.02<br>-2.24  | 13.42<br>-0.03<br>-1.96 | 13.64<br>-0.03<br>-2.02 | 11.77<br>-0.03<br>-1.47 | 11.45<br>-0.02<br>-1.11 | 9.74<br>0.00<br>-1.00   |
| CLINTON_WT_PWR<br>323605       | 5.05<br>-0.04<br>0.00   | 5.08<br>-0.01<br>0.00   | 5.09<br>0.00<br>0.00    | 5.06<br>-0.03<br>0.00   | 4.56<br>-0.01<br>0.00   | 4.57<br>0.00<br>0.00    | 5.09<br>0.00<br>0.00    | 5.09<br>-0.01<br>0.00   | 6.73<br>0.00<br>0.00    | 6.36<br>-0.06<br>0.00   | 7.06<br>-0.09<br>0.00   | 5.07<br>-0.10<br>0.00   | 5.05<br>-0.13<br>0.00   | 5.00<br>-0.10<br>0.00   | 4.98<br>-0.12<br>0.00   | 4.97<br>-0.13<br>0.00   | 4.96<br>-0.15<br>0.00   | 7.27<br>-0.25<br>0.00   | 6.84<br>-0.18<br>0.00   | 11.29<br>-0.21<br>0.00  | 11.43<br>-0.22<br>0.00  | 10.10<br>-0.23<br>0.00  | 10.10<br>-0.25<br>0.00  | 8.51<br>-0.24<br>0.00   |
| CLINTON___LFGE<br>323618       | 5.11<br>0.02<br>0.00    | 5.13<br>0.05<br>0.00    | 5.13<br>0.05<br>0.00    | 5.10<br>0.02<br>0.00    | 4.61<br>0.03<br>0.00    | 4.61<br>0.05<br>0.00    | 5.14<br>0.05<br>0.00    | 5.14<br>0.05<br>0.00    | 6.80<br>0.07<br>0.00    | 6.42<br>-0.01<br>0.00   | 7.14<br>-0.02<br>0.00   | 5.12<br>-0.05<br>0.00   | 5.09<br>-0.09<br>0.00   | 5.04<br>-0.06<br>0.00   | 5.02<br>-0.08<br>0.00   | 5.01<br>-0.09<br>0.00   | 5.00<br>-0.11<br>0.00   | 7.34<br>-0.18<br>0.00   | 6.90<br>-0.12<br>0.00   | 11.42<br>-0.08<br>0.00  | 11.56<br>-0.09<br>0.00  | 10.21<br>-0.12<br>0.00  | 10.19<br>-0.17<br>0.00  | 8.58<br>-0.17<br>0.00   |
| COBBLENY_34_KV_TB1<br>80064    | 7.62<br>0.01<br>-2.52   | 7.16<br>-0.06<br>-2.13  | 6.95<br>-0.02<br>-1.88  | 6.81<br>0.02<br>-1.71   | 6.47<br>0.00<br>-1.89   | 6.42<br>0.01<br>-1.85   | 7.07<br>0.00<br>-1.98   | 7.04<br>0.01<br>-1.94   | 8.25<br>-0.03<br>-1.56  | 7.77<br>0.01<br>-1.34   | 8.43<br>0.01<br>-1.26   | 6.82<br>0.05<br>-1.60   | 6.86<br>0.05<br>-1.63   | 6.74<br>0.03<br>-1.61   | 6.53<br>0.03<br>-1.40   | 6.98<br>0.05<br>-1.82   | 7.53<br>0.04<br>-2.38   | 10.41<br>0.06<br>-2.83  | 10.54<br>0.04<br>-3.49  | 14.42<br>-0.13<br>-3.04 | 14.61<br>-0.19<br>-3.14 | 12.54<br>-0.07<br>-2.28 | 12.10<br>0.02<br>-1.73  | 10.37<br>0.08<br>-1.55  |
| COFFEEN_115KV_TB3<br>355620    | 5.97<br>-0.02<br>-0.89  | 5.80<br>-0.03<br>-0.75  | 5.74<br>-0.01<br>-0.66  | 5.68<br>-0.01<br>-0.60  | 5.22<br>-0.02<br>-0.67  | 5.19<br>-0.03<br>-0.65  | 5.73<br>-0.06<br>-0.70  | 5.72<br>-0.06<br>-0.69  | 7.18<br>-0.10<br>-0.55  | 6.78<br>-0.12<br>-0.47  | 7.45<br>-0.15<br>-0.45  | 5.61<br>-0.12<br>-0.57  | 5.62<br>-0.13<br>-0.58  | 5.51<br>-0.15<br>-0.57  | 5.41<br>-0.18<br>-0.50  | 5.60<br>-0.15<br>-0.64  | 5.83<br>-0.13<br>-0.84  | 8.36<br>-0.16<br>-1.00  | 8.17<br>-0.08<br>-1.23  | 12.60<br>0.02<br>-1.07  | 12.83<br>0.07<br>-1.11  | 11.15<br>0.01<br>-0.80  | 10.96<br>0.00<br>-0.61  | 9.30<br>0.01<br>-0.55   |
| COLDSPRG_115KV_BK1<br>355956   | 7.87<br>0.11<br>-2.67   | 7.39<br>0.05<br>-2.25   | 7.16<br>0.09<br>-1.98   | 7.00<br>0.11<br>-1.81   | 6.65<br>0.07<br>-2.00   | 6.61<br>0.09<br>-1.95   | 7.30<br>0.12<br>-2.10   | 7.29<br>0.15<br>-2.05   | 8.53<br>0.16<br>-1.64   | 8.02<br>0.19<br>-1.41   | 8.70<br>0.21<br>-1.33   | 7.05<br>0.19<br>-1.69   | 7.09<br>0.19<br>-1.72   | 6.95<br>0.16<br>-1.70   | 6.72<br>0.14<br>-1.48   | 7.20<br>0.17<br>-1.93   | 7.79<br>0.16<br>-2.52   | 10.75<br>0.24<br>-2.99  | 10.93<br>0.23<br>-3.68  | 14.99<br>0.28<br>-3.21  | 15.17<br>0.20<br>-3.32  | 13.03<br>0.29<br>-2.41  | 12.54<br>0.36<br>-1.83  | 10.75<br>0.37<br>-1.64  |
| COLONIE_LFGE___<br>323577      | 24.98<br>0.17<br>-19.71 | 21.92<br>0.16<br>-16.68 | 19.92<br>0.17<br>-14.67 | 18.63<br>0.17<br>-13.38 | 19.53<br>0.16<br>-14.80 | 19.16<br>0.16<br>-14.43 | 20.57<br>0.21<br>-15.28 | 20.26<br>0.20<br>-14.96 | 19.04<br>0.31<br>-12.00 | 17.01<br>0.28<br>-10.30 | 17.22<br>0.31<br>-9.74  | 17.74<br>0.23<br>-12.34 | 17.97<br>0.22<br>-12.57 | 17.72<br>0.22<br>-12.40 | 16.14<br>0.22<br>-10.83 | 19.39<br>0.22<br>-14.07 | 23.72<br>0.21<br>-18.39 | 29.66<br>0.32<br>-21.82 | 33.79<br>0.30<br>-26.47 | 34.92<br>0.49<br>-22.92 | 35.70<br>0.50<br>-23.54 | 28.34<br>0.45<br>-17.56 | 24.16<br>0.48<br>-13.34 | 21.04<br>0.36<br>-11.94 |
| COOPERNY_115KV_TB1<br>80082    | 14.42<br>0.21<br>-9.12  | 12.99<br>0.20<br>-7.71  | 12.06<br>0.19<br>-6.78  | 11.46<br>0.19<br>-6.19  | 11.58<br>0.16<br>-6.84  | 11.40<br>0.16<br>-6.67  | 12.33<br>0.20<br>-7.04  | 12.20<br>0.21<br>-6.90  | 12.56<br>0.30<br>-5.53  | 11.47<br>0.30<br>-4.75  | 11.98<br>0.33<br>-4.49  | 11.10<br>0.24<br>-5.69  | 11.22<br>0.24<br>-5.80  | 11.04<br>0.23<br>-5.72  | 10.32<br>0.23<br>-4.99  | 11.83<br>0.24<br>-6.49  | 13.85<br>0.26<br>-8.48  | 17.96<br>0.38<br>-10.06 | 19.80<br>0.34<br>-12.43 | 22.94<br>0.55<br>-10.89 | 23.49<br>0.56<br>-11.27 | 18.91<br>0.49<br>-8.10  | 16.99<br>0.49<br>-6.15  | 14.65<br>0.40<br>-5.51  |
| COPENHAGEN_WT_PWR<br>323753    | 5.97<br>-0.05<br>-0.92  | 5.80<br>-0.06<br>-0.78  | 5.73<br>-0.04<br>-0.68  | 5.66<br>-0.05<br>-0.62  | 5.22<br>-0.05<br>-0.69  | 5.19<br>-0.05<br>-0.67  | 5.73<br>-0.08<br>-0.72  | 5.72<br>-0.08<br>-0.71  | 7.17<br>-0.13<br>-0.57  | 6.78<br>-0.14<br>-0.49  | 7.45<br>-0.16<br>-0.46  | 5.63<br>-0.13<br>-0.58  | 5.64<br>-0.13<br>-0.59  | 5.53<br>-0.16<br>-0.59  | 5.43<br>-0.18<br>-0.51  | 5.61<br>-0.15<br>-0.67  | 5.85<br>-0.13<br>-0.87  | 8.38<br>-0.17<br>-1.03  | 8.18<br>-0.11<br>-1.27  | 12.55<br>-0.06<br>-1.11 | 12.77<br>-0.03<br>-1.15 | 11.10<br>-0.06<br>-0.83 | 10.92<br>-0.06<br>-0.63 | 9.26<br>-0.04<br>-0.56  |
| CORNELL____<br>23752           | 8.36<br>0.11<br>-3.15   | 7.84<br>0.09<br>-2.67   | 7.54<br>0.11<br>-2.35   | 7.33<br>0.11<br>-2.14   | 7.04<br>0.10<br>-2.37   | 6.96<br>0.09<br>-2.31   | 7.67<br>0.10<br>-2.48   | 7.63<br>0.11<br>-2.43   | 8.79<br>0.12<br>-1.95   | 8.20<br>0.11<br>-1.67   | 8.85<br>0.11<br>-1.58   | 7.26<br>0.08<br>-2.00   | 7.30<br>0.08<br>-2.04   | 7.16<br>0.06<br>-2.01   | 6.91<br>0.06<br>-1.76   | 7.46<br>0.08<br>-2.28   | 8.19<br>0.09<br>-2.98   | 11.23<br>0.17<br>-3.54  | 11.54<br>0.17<br>-4.35  | 15.60<br>0.30<br>-3.80  | 15.90<br>0.31<br>-3.93  | 13.46<br>0.28<br>-2.85  | 12.79<br>0.28<br>-2.16  | 10.92<br>0.24<br>-1.94  |
| CORONA_AAV_69_KV_TB1<br>355595 | 26.77<br>0.48<br>-21.19 | 24.07<br>0.47<br>-18.52 | 24.28<br>0.46<br>-18.73 | 20.73<br>0.46<br>-15.20 | 20.91<br>0.41<br>-15.93 | 20.96<br>0.40<br>-16.00 | 22.59<br>0.48<br>-17.02 | 18.48<br>0.51<br>-12.88 | 19.93<br>0.71<br>-12.49 | 17.43<br>0.71<br>-10.30 | 18.20<br>0.78<br>-10.26 | 18.19<br>0.56<br>-12.46 | 18.51<br>0.57<br>-12.76 | 18.73<br>0.56<br>-13.08 | 18.81<br>0.57<br>-13.15 | 21.15<br>0.57<br>-15.48 | 25.32<br>0.59<br>-19.62 | 28.18<br>0.84<br>-19.82 | 29.15<br>0.77<br>-21.37 | 31.10<br>1.21<br>-18.39 | 34.28<br>1.22<br>-21.40 | 29.89<br>1.11<br>-18.46 | 25.98<br>1.12<br>-14.51 | 20.75<br>0.94<br>-11.07 |
| CORTLAND_115KV_TB3<br>80093    | 7.76<br>0.06<br>-2.61   | 7.33<br>0.04<br>-2.21   | 7.08<br>0.06<br>-1.94   | 6.92<br>0.07<br>-1.77   | 6.58<br>0.05<br>-1.96   | 6.52<br>0.05<br>-1.91   | 7.19<br>0.05<br>-2.05   | 7.16<br>0.06<br>-2.01   | 8.40<br>0.07<br>-1.61   | 7.87<br>0.06<br>-1.38   | 8.54<br>0.07<br>-1.31   | 6.88<br>0.05<br>-1.66   | 6.92<br>0.06<br>-1.69   | 6.80<br>0.04<br>-1.66   | 6.59<br>0.04<br>-1.45   | 7.04<br>0.05<br>-1.89   | 7.64<br>0.06<br>-2.47   | 10.56<br>0.11<br>-2.93  | 10.73<br>0.11<br>-3.60  | 14.82<br>0.17<br>-3.14  | 15.08<br>0.17<br>-3.25  | 12.84<br>0.15<br>-2.36  | 12.31<br>0.17<br>-1.79  | 10.49<br>0.15<br>-1.60  |
| COXSACKIE___GT<br>23611        | 23.39<br>0.21<br>-18.09 | 20.58<br>0.20<br>-15.30 | 18.76<br>0.21<br>-13.46 | 17.58<br>0.22<br>-12.28 | 18.35<br>0.20<br>-13.58 | 18.02<br>0.21<br>-13.24 | 19.43<br>0.28<br>-14.07 | 19.13<br>0.26<br>-13.78 | 18.11<br>0.34<br>-11.05 | 16.19<br>0.28<br>-9.49  | 16.40<br>0.27<br>-8.97  | 16.75<br>0.22<br>-11.37 | 16.95<br>0.20<br>-11.58 | 16.69<br>0.18<br>-11.42 | 15.26<br>0.19<br>-9.97  | 18.25<br>0.19<br>-12.95 | 22.27<br>0.22<br>-16.94 | 27.96<br>0.35<br>-20.09 | 31.97<br>0.37<br>-24.58 | 33.47<br>0.59<br>-21.39 | 34.28<br>0.58<br>-22.04 | 27.09<br>0.59<br>-16.17 | 23.15<br>0.52<br>-12.28 | 20.10<br>0.37<br>-11.00 |
| CPV_VALLEY___CC1<br>323721     | 19.70<br>0.32<br>-14.29 | 17.47<br>0.30<br>-12.09 | 16.02<br>0.30<br>-10.63 | 15.07<br>0.29<br>-9.70  | 15.56<br>0.26<br>-10.73 | 15.28<br>0.25<br>-10.46 | 16.33<br>0.32<br>-10.93 | 16.13<br>0.34<br>-10.70 | 15.79<br>0.48<br>-8.58  | 14.27<br>0.48<br>-7.37  | 14.66<br>0.53<br>-6.97  | 14.39<br>0.39<br>-8.83  | 14.56<br>0.39<br>-8.99  | 14.34<br>0.38<br>-8.87  | 13.23<br>0.39<br>-7.74  | 15.55<br>0.39<br>-10.06 | 18.69<br>0.42<br>-13.16 | 23.74<br>0.61<br>-15.61 | 26.91<br>0.55<br>-19.33 | 29.33<br>0.87<br>-16.95 | 30.09<br>0.87<br>-17.56 | 23.66<br>0.78<br>-12.56 | 20.66<br>0.77<br>-9.54  | 17.91<br>0.63<br>-8.54  |

|                                |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CPV_VALLEY___CC2<br>323722     | 19.70<br>0.32<br>-14.29 | 17.47<br>0.30<br>-12.09 | 16.02<br>0.30<br>-10.63 | 15.07<br>0.29<br>-9.70  | 15.56<br>0.26<br>-10.73 | 15.28<br>0.25<br>-10.46 | 16.33<br>0.32<br>-10.93 | 16.13<br>0.34<br>-10.70 | 15.79<br>0.48<br>-8.58  | 14.27<br>0.48<br>-7.37  | 14.66<br>0.53<br>-6.97  | 14.39<br>0.39<br>-8.83  | 14.56<br>0.39<br>-8.99  | 14.34<br>0.38<br>-8.87  | 13.23<br>0.39<br>-7.74  | 15.55<br>0.39<br>-10.06 | 18.69<br>0.42<br>-13.16 | 23.74<br>0.61<br>-15.61 | 26.91<br>0.55<br>-19.33 | 29.33<br>0.87<br>-16.95 | 30.09<br>0.87<br>-17.56 | 23.66<br>0.78<br>-12.56 | 20.66<br>0.77<br>-9.54  | 17.91<br>0.63<br>-8.54  |
| CRESCENT___HYD<br>24018        | 24.98<br>0.17<br>-19.71 | 21.92<br>0.16<br>-16.68 | 19.92<br>0.17<br>-14.67 | 18.63<br>0.17<br>-13.38 | 19.53<br>0.16<br>-14.80 | 19.16<br>0.16<br>-14.43 | 20.57<br>0.21<br>-15.28 | 20.26<br>0.20<br>-14.96 | 19.04<br>0.31<br>-12.00 | 17.01<br>0.28<br>-10.30 | 17.22<br>0.31<br>-9.74  | 17.74<br>0.23<br>-12.34 | 17.97<br>0.22<br>-12.57 | 17.72<br>0.22<br>-12.40 | 16.14<br>0.22<br>-10.83 | 19.39<br>0.22<br>-14.07 | 23.72<br>0.21<br>-18.39 | 29.66<br>0.32<br>-21.82 | 33.79<br>0.30<br>-26.47 | 34.92<br>0.49<br>-22.92 | 35.70<br>0.50<br>-23.54 | 28.34<br>0.45<br>-17.56 | 24.16<br>0.48<br>-13.34 | 21.04<br>0.36<br>-11.94 |
| CRICKET___VALLEY_CC1<br>323756 | 21.78<br>0.28<br>-16.41 | 19.23<br>0.27<br>-13.88 | 17.56<br>0.26<br>-12.21 | 16.47<br>0.25<br>-11.14 | 17.12<br>0.22<br>-12.32 | 16.80<br>0.22<br>-12.01 | 17.86<br>0.29<br>-12.49 | 17.62<br>0.30<br>-12.23 | 16.97<br>0.44<br>-9.81  | 15.26<br>0.42<br>-8.42  | 15.59<br>0.46<br>-7.97  | 15.60<br>0.34<br>-10.09 | 15.80<br>0.34<br>-10.28 | 15.56<br>0.33<br>-10.14 | 14.30<br>0.35<br>-8.85  | 16.94<br>0.34<br>-11.50 | 20.50<br>0.35<br>-15.04 | 25.86<br>0.50<br>-17.84 | 26.26<br>0.45<br>-18.79 | 26.96<br>0.71<br>-14.75 | 26.44<br>0.71<br>-14.08 | 25.32<br>0.64<br>-14.35 | 21.92<br>0.66<br>-10.90 | 19.05<br>0.54<br>-9.76  |
| CRICKET___VALLEY_CC2<br>323757 | 21.78<br>0.28<br>-16.41 | 19.23<br>0.27<br>-13.88 | 17.56<br>0.26<br>-12.21 | 16.47<br>0.25<br>-11.14 | 17.12<br>0.22<br>-12.32 | 16.80<br>0.22<br>-12.01 | 17.86<br>0.29<br>-12.49 | 17.62<br>0.30<br>-12.23 | 16.97<br>0.44<br>-9.81  | 15.26<br>0.42<br>-8.42  | 15.59<br>0.46<br>-7.97  | 15.60<br>0.34<br>-10.09 | 15.80<br>0.34<br>-10.28 | 15.56<br>0.33<br>-10.14 | 14.30<br>0.35<br>-8.85  | 16.94<br>0.34<br>-11.50 | 20.50<br>0.35<br>-15.04 | 25.86<br>0.50<br>-17.84 | 26.26<br>0.45<br>-18.79 | 26.96<br>0.71<br>-14.75 | 26.44<br>0.71<br>-14.08 | 25.32<br>0.64<br>-14.35 | 21.92<br>0.66<br>-10.90 | 19.05<br>0.54<br>-9.76  |
| CRICKET___VALLEY_CC3<br>323758 | 21.78<br>0.28<br>-16.41 | 19.23<br>0.27<br>-13.88 | 17.56<br>0.26<br>-12.21 | 16.47<br>0.25<br>-11.14 | 17.12<br>0.22<br>-12.32 | 16.80<br>0.22<br>-12.01 | 17.86<br>0.29<br>-12.49 | 17.62<br>0.30<br>-12.23 | 16.97<br>0.44<br>-9.81  | 15.26<br>0.42<br>-8.42  | 15.59<br>0.46<br>-7.97  | 15.60<br>0.34<br>-10.09 | 15.80<br>0.34<br>-10.28 | 15.56<br>0.33<br>-10.14 | 14.30<br>0.35<br>-8.85  | 16.94<br>0.34<br>-11.50 | 20.50<br>0.35<br>-15.04 | 25.86<br>0.50<br>-17.84 | 26.26<br>0.45<br>-18.79 | 26.96<br>0.71<br>-14.75 | 26.44<br>0.71<br>-14.08 | 25.32<br>0.64<br>-14.35 | 21.92<br>0.66<br>-10.90 | 19.05<br>0.54<br>-9.76  |
| CRUCIBLE_METL_DRP<br>24180     | 6.69<br>-0.03<br>-1.62  | 6.42<br>-0.04<br>-1.37  | 6.27<br>-0.03<br>-1.21  | 6.16<br>-0.03<br>-1.10  | 5.77<br>-0.03<br>-1.22  | 5.73<br>-0.03<br>-1.19  | 6.33<br>-0.03<br>-1.28  | 6.32<br>-0.02<br>-1.25  | 7.69<br>-0.04<br>-1.00  | 7.26<br>-0.03<br>-0.86  | 7.95<br>-0.02<br>-0.81  | 6.19<br>-0.02<br>-1.03  | 6.21<br>-0.02<br>-1.05  | 6.10<br>-0.03<br>-1.04  | 5.97<br>-0.03<br>-0.91  | 6.26<br>-0.02<br>-1.18  | 6.64<br>-0.02<br>-1.54  | 9.34<br>0.00<br>-1.82   | 9.24<br>-0.02<br>-2.24  | 13.42<br>-0.03<br>-1.96 | 13.64<br>-0.03<br>-2.02 | 11.77<br>-0.03<br>-1.47 | 11.45<br>-0.02<br>-1.11 | 9.74<br>0.00<br>-1.00   |
| DAHOWA___HYDRO<br>323763       | 25.36<br>0.16<br>-20.11 | 22.25<br>0.15<br>-17.01 | 20.20<br>0.15<br>-14.96 | 18.87<br>0.14<br>-13.65 | 19.81<br>0.14<br>-15.10 | 19.44<br>0.15<br>-14.72 | 20.96<br>0.18<br>-15.69 | 20.62<br>0.16<br>-15.37 | 19.39<br>0.34<br>-12.33 | 17.31<br>0.30<br>-10.59 | 17.49<br>0.32<br>-10.01 | 18.10<br>0.25<br>-12.68 | 18.33<br>0.24<br>-12.92 | 18.07<br>0.23<br>-12.74 | 16.42<br>0.20<br>-11.12 | 19.76<br>0.21<br>-14.45 | 24.17<br>0.16<br>-18.90 | 30.21<br>0.27<br>-22.42 | 34.56<br>0.27<br>-27.28 | 35.61<br>0.45<br>-23.66 | 36.48<br>0.49<br>-24.33 | 28.82<br>0.45<br>-18.04 | 24.51<br>0.45<br>-13.70 | 21.32<br>0.31<br>-12.27 |
| DANC___LFGE<br>323619          | 6.11<br>-0.07<br>-1.08  | 5.92<br>-0.08<br>-0.91  | 5.83<br>-0.06<br>-0.80  | 5.75<br>-0.07<br>-0.73  | 5.32<br>-0.06<br>-0.81  | 5.29<br>-0.07<br>-0.79  | 5.85<br>-0.09<br>-0.85  | 5.84<br>-0.09<br>-0.83  | 7.26<br>-0.13<br>-0.67  | 6.87<br>-0.13<br>-0.57  | 7.55<br>-0.15<br>-0.54  | 5.74<br>-0.11<br>-0.69  | 5.76<br>-0.12<br>-0.70  | 5.65<br>-0.14<br>-0.69  | 5.55<br>-0.15<br>-0.60  | 5.75<br>-0.13<br>-0.78  | 6.02<br>-0.12<br>-1.02  | 8.57<br>-0.17<br>-1.21  | 8.39<br>-0.12<br>-1.49  | 12.68<br>-0.13<br>-1.30 | 12.89<br>-0.11<br>-1.34 | 11.19<br>-0.11<br>-0.98 | 11.00<br>-0.09<br>-0.74 | 9.33<br>-0.08<br>-0.66  |
| DANSKAMMER___1<br>23586        | 20.87<br>0.37<br>-15.41 | 18.47<br>0.35<br>-13.04 | 16.89<br>0.34<br>-11.47 | 15.87<br>0.33<br>-10.46 | 16.43<br>0.28<br>-11.57 | 16.13<br>0.28<br>-11.28 | 17.23<br>0.37<br>-11.77 | 17.00<br>0.38<br>-11.53 | 16.51<br>0.53<br>-9.25  | 14.89<br>0.52<br>-7.94  | 15.25<br>0.58<br>-7.51  | 15.11<br>0.42<br>-9.51  | 15.30<br>0.43<br>-9.69  | 15.06<br>0.40<br>-9.56  | 13.87<br>0.42<br>-8.35  | 16.37<br>0.42<br>-10.84 | 19.75<br>0.47<br>-14.18 | 25.03<br>0.68<br>-16.82 | 28.44<br>0.62<br>-20.80 | 30.71<br>0.99<br>-18.22 | 31.50<br>0.98<br>-18.86 | 24.75<br>0.89<br>-13.53 | 21.49<br>0.86<br>-10.28 | 18.64<br>0.70<br>-9.20  |
| DANSKAMMER___2<br>23589        | 20.87<br>0.37<br>-15.41 | 18.47<br>0.35<br>-13.04 | 16.89<br>0.34<br>-11.47 | 15.87<br>0.33<br>-10.46 | 16.43<br>0.28<br>-11.57 | 16.13<br>0.28<br>-11.28 | 17.23<br>0.37<br>-11.77 | 17.00<br>0.38<br>-11.53 | 16.51<br>0.53<br>-9.25  | 14.89<br>0.52<br>-7.94  | 15.25<br>0.58<br>-7.51  | 15.11<br>0.42<br>-9.51  | 15.30<br>0.43<br>-9.69  | 15.06<br>0.40<br>-9.56  | 13.87<br>0.42<br>-8.35  | 16.37<br>0.42<br>-10.84 | 19.75<br>0.47<br>-14.18 | 25.03<br>0.68<br>-16.82 | 28.44<br>0.62<br>-20.80 | 30.71<br>0.99<br>-18.22 | 31.50<br>0.98<br>-18.86 | 24.75<br>0.89<br>-13.53 | 21.49<br>0.86<br>-10.28 | 18.64<br>0.70<br>-9.20  |
| DANSKAMMER___3<br>23590        | 20.87<br>0.37<br>-15.41 | 18.47<br>0.35<br>-13.04 | 16.89<br>0.34<br>-11.47 | 15.87<br>0.33<br>-10.46 | 16.43<br>0.28<br>-11.57 | 16.13<br>0.28<br>-11.28 | 17.23<br>0.37<br>-11.77 | 17.00<br>0.38<br>-11.53 | 16.51<br>0.53<br>-9.25  | 14.89<br>0.52<br>-7.94  | 15.25<br>0.58<br>-7.51  | 15.11<br>0.42<br>-9.51  | 15.30<br>0.43<br>-9.69  | 15.06<br>0.40<br>-9.56  | 13.87<br>0.42<br>-8.35  | 16.37<br>0.42<br>-10.84 | 19.75<br>0.47<br>-14.18 | 25.03<br>0.68<br>-16.82 | 28.44<br>0.62<br>-20.80 | 30.71<br>0.99<br>-18.22 | 31.50<br>0.98<br>-18.86 | 24.75<br>0.89<br>-13.53 | 21.49<br>0.86<br>-10.28 | 18.64<br>0.70<br>-9.20  |
| DANSKAMMER___4<br>23591        | 20.87<br>0.37<br>-15.41 | 18.47<br>0.35<br>-13.04 | 16.89<br>0.34<br>-11.47 | 15.87<br>0.33<br>-10.46 | 16.43<br>0.28<br>-11.57 | 16.13<br>0.28<br>-11.28 | 17.23<br>0.37<br>-11.77 | 17.00<br>0.38<br>-11.53 | 16.51<br>0.53<br>-9.25  | 14.89<br>0.52<br>-7.94  | 15.25<br>0.58<br>-7.51  | 15.11<br>0.42<br>-9.51  | 15.30<br>0.43<br>-9.69  | 15.06<br>0.40<br>-9.56  | 13.87<br>0.42<br>-8.35  | 16.37<br>0.42<br>-10.84 | 19.75<br>0.47<br>-14.18 | 25.03<br>0.68<br>-16.82 | 28.44<br>0.62<br>-20.80 | 30.71<br>0.99<br>-18.22 | 31.50<br>0.98<br>-18.86 | 24.75<br>0.89<br>-13.53 | 21.49<br>0.86<br>-10.28 | 18.64<br>0.70<br>-9.20  |
| DANSKAMMER___DIESEL<br>23592   | 20.87<br>0.37<br>-15.41 | 18.47<br>0.35<br>-13.04 | 16.89<br>0.34<br>-11.47 | 15.87<br>0.33<br>-10.46 | 16.43<br>0.28<br>-11.57 | 16.13<br>0.28<br>-11.28 | 17.23<br>0.37<br>-11.77 | 17.00<br>0.38<br>-11.53 | 16.50<br>0.52<br>-9.25  | 14.89<br>0.52<br>-7.94  | 15.25<br>0.58<br>-7.51  | 15.11<br>0.42<br>-9.51  | 15.30<br>0.43<br>-9.69  | 15.06<br>0.40<br>-9.56  | 13.87<br>0.42<br>-8.35  | 16.37<br>0.42<br>-10.84 | 19.75<br>0.47<br>-14.18 | 25.03<br>0.68<br>-16.82 | 28.44<br>0.62<br>-20.80 | 30.71<br>0.99<br>-18.22 | 31.50<br>0.98<br>-18.86 | 24.75<br>0.89<br>-13.53 | 21.49<br>0.86<br>-10.28 | 18.64<br>0.70<br>-9.20  |
| DARBY___SOLAR<br>323810        | 25.32<br>0.17<br>-20.05 | 22.21<br>0.16<br>-16.97 | 20.17<br>0.16<br>-14.92 | 18.85<br>0.15<br>-13.61 | 19.78<br>0.15<br>-15.06 | 19.40<br>0.15<br>-14.68 | 20.91<br>0.19<br>-15.63 | 20.58<br>0.17<br>-15.31 | 19.34<br>0.34<br>-12.28 | 17.28<br>0.31<br>-10.55 | 17.47<br>0.34<br>-9.97  | 18.06<br>0.25<br>-12.63 | 18.29<br>0.24<br>-12.87 | 18.02<br>0.23<br>-12.69 | 16.39<br>0.21<br>-11.08 | 19.73<br>0.22<br>-14.40 | 24.12<br>0.18<br>-18.82 | 30.15<br>0.29<br>-22.34 | 34.46<br>0.28<br>-27.16 | 35.54<br>0.48<br>-23.56 | 36.39<br>0.51<br>-24.22 | 28.76<br>0.46<br>-17.97 | 24.47<br>0.47<br>-13.65 | 21.29<br>0.32<br>-12.22 |
| DASHVILLE___HYD<br>23610       | 20.90<br>0.33<br>-15.48 | 18.47<br>0.30<br>-13.09 | 16.89<br>0.29<br>-11.52 | 15.87<br>0.28<br>-10.50 | 16.44<br>0.24<br>-11.62 | 16.13<br>0.24<br>-11.33 | 17.29<br>0.31<br>-11.90 | 17.08<br>0.34<br>-11.65 | 16.54<br>0.46<br>-9.35  | 14.92<br>0.47<br>-8.02  | 15.28<br>0.53<br>-7.59  | 15.17<br>0.38<br>-9.61  | 15.37<br>0.40<br>-9.79  | 15.13<br>0.37<br>-9.66  | 13.93<br>0.40<br>-8.43  | 16.46<br>0.40<br>-10.96 | 19.89<br>0.45<br>-14.32 | 25.18<br>0.66<br>-17.00 | 28.56<br>0.59<br>-20.95 | 30.75<br>0.93<br>-18.32 | 31.52<br>0.92<br>-18.94 | 24.82<br>0.82<br>-13.67 | 21.51<br>0.78<br>-10.39 | 18.71<br>0.66<br>-9.30  |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| DEERFIELD_69_KV_DEERFIELD LD<br>355887     | 26.95<br>0.67<br>-21.19 | 24.24<br>0.64<br>-18.52 | 24.45<br>0.63<br>-18.73 | 20.87<br>0.59<br>-15.20 | 21.04<br>0.54<br>-15.93 | 21.11<br>0.54<br>-16.00 | 22.76<br>0.66<br>-17.02 | 18.61<br>0.64<br>-12.88 | 20.17<br>0.96<br>-12.49 | 17.63<br>0.90<br>-10.30 | 18.37<br>0.95<br>-10.26 | 18.31<br>0.68<br>-12.46 | 18.63<br>0.69<br>-12.76 | 18.87<br>0.70<br>-13.08 | 18.94<br>0.69<br>-13.15 | 21.30<br>0.71<br>-15.48 | 25.47<br>0.74<br>-19.62 | 28.52<br>1.18<br>-19.82 | 29.47<br>1.07<br>-21.37 | 31.58<br>1.69<br>-18.39 | 34.71<br>1.64<br>-21.41 | 30.24<br>1.45<br>-18.46 | 26.46<br>1.58<br>-14.52 | 21.03<br>1.22<br>-11.07 |
| DELAWARE___LFGE<br>323621                  | 10.62<br>0.18<br>-5.34  | 9.77<br>0.16<br>-4.52   | 9.23<br>0.17<br>-3.98   | 8.88<br>0.17<br>-3.63   | 8.74<br>0.15<br>-4.01   | 8.63<br>0.15<br>-3.91   | 9.43<br>0.16<br>-4.19   | 9.37<br>0.18<br>-4.10   | 10.26<br>0.24<br>-3.29  | 9.49<br>0.24<br>-2.82   | 10.09<br>0.26<br>-2.67  | 8.74<br>0.19<br>-3.38   | 8.82<br>0.20<br>-3.44   | 8.67<br>0.17<br>-3.40   | 8.24<br>0.17<br>-2.97   | 9.14<br>0.18<br>-3.85   | 10.35<br>0.19<br>-5.04  | 13.79<br>0.29<br>-5.98  | 14.65<br>0.28<br>-7.35  | 18.39<br>0.47<br>-6.42  | 18.77<br>0.48<br>-6.63  | 15.55<br>0.41<br>-4.81  | 14.41<br>0.40<br>-3.65  | 12.35<br>0.34<br>-3.27  |
| DERFIELD_115KV_TB7<br>355931               | 5.10<br>0.01<br>0.00    | 5.08<br>0.00<br>0.00    | 5.09<br>0.00<br>0.00    | 5.09<br>0.01<br>0.00    | 4.58<br>0.00<br>0.00    | 4.57<br>0.00<br>0.00    | 5.09<br>0.00<br>0.00    | 5.10<br>0.01<br>0.00    | 6.73<br>0.01<br>0.00    | 6.44<br>0.01<br>0.00    | 7.17<br>0.01<br>0.00    | 5.18<br>0.01<br>0.00    | 5.19<br>0.01<br>0.00    | 5.10<br>0.01<br>0.00    | 5.10<br>0.01<br>0.00    | 5.11<br>0.01<br>0.00    | 5.12<br>0.01<br>0.00    | 7.54<br>0.02<br>0.00    | 7.03<br>0.01<br>0.00    | 11.52<br>0.02<br>0.00   | 11.68<br>0.02<br>0.00   | 10.35<br>0.02<br>0.00   | 10.38<br>0.03<br>0.00   | 8.77<br>0.03<br>0.00    |
| DOGLEVILLE___HYD<br>23807                  | 4.98<br>-0.11<br>0.00   | 4.98<br>-0.10<br>0.00   | 5.00<br>-0.08<br>0.00   | 5.00<br>-0.08<br>0.00   | 4.50<br>-0.07<br>0.00   | 4.50<br>-0.07<br>0.00   | 5.00<br>-0.09<br>0.00   | 5.01<br>-0.08<br>0.00   | 6.60<br>-0.13<br>0.00   | 6.29<br>-0.14<br>0.00   | 7.00<br>-0.16<br>0.00   | 5.05<br>-0.12<br>0.00   | 5.05<br>-0.13<br>0.00   | 4.94<br>-0.16<br>0.00   | 4.93<br>-0.16<br>0.00   | 4.94<br>-0.16<br>0.00   | 4.94<br>-0.17<br>0.00   | 7.28<br>-0.24<br>0.00   | 6.81<br>-0.21<br>0.00   | 11.19<br>-0.31<br>0.00  | 11.35<br>-0.30<br>0.00  | 10.10<br>-0.23<br>0.00  | 10.13<br>-0.22<br>0.00  | 8.61<br>-0.13<br>0.00   |
| DUNKIRK___115KV_TB_200<br>55889            | 7.62<br>0.06<br>-2.46   | 7.17<br>0.00<br>-2.09   | 6.97<br>0.05<br>-1.83   | 6.82<br>0.06<br>-1.67   | 6.46<br>0.04<br>-1.85   | 6.42<br>0.05<br>-1.80   | 7.09<br>0.06<br>-1.94   | 7.06<br>0.08<br>-1.90   | 8.31<br>0.07<br>-1.52   | 7.83<br>0.10<br>-1.30   | 8.51<br>0.12<br>-1.23   | 6.86<br>0.13<br>-1.56   | 6.89<br>0.12<br>-1.59   | 6.77<br>0.10<br>-1.57   | 6.56<br>0.09<br>-1.37   | 7.00<br>0.12<br>-1.78   | 7.55<br>0.10<br>-2.33   | 10.44<br>0.15<br>-2.77  | 10.56<br>0.13<br>-3.41  | 14.52<br>0.05<br>-2.97  | 14.70<br>-0.02<br>-3.07 | 12.63<br>0.07<br>-2.23  | 12.22<br>0.18<br>-1.69  | 10.46<br>0.20<br>-1.51  |
| DUNKIRK___1<br>23563                       | 7.62<br>0.06<br>-2.46   | 7.17<br>0.00<br>-2.09   | 6.97<br>0.05<br>-1.83   | 6.82<br>0.06<br>-1.67   | 6.46<br>0.04<br>-1.85   | 6.42<br>0.05<br>-1.80   | 7.09<br>0.06<br>-1.94   | 7.06<br>0.08<br>-1.90   | 8.31<br>0.07<br>-1.52   | 7.83<br>0.10<br>-1.30   | 8.51<br>0.12<br>-1.23   | 6.86<br>0.13<br>-1.56   | 6.89<br>0.12<br>-1.59   | 6.77<br>0.10<br>-1.57   | 6.56<br>0.09<br>-1.37   | 7.00<br>0.12<br>-1.78   | 7.55<br>0.10<br>-2.33   | 10.44<br>0.15<br>-2.77  | 10.56<br>0.13<br>-3.41  | 14.52<br>0.05<br>-2.97  | 14.70<br>-0.02<br>-3.07 | 12.63<br>0.07<br>-2.23  | 12.22<br>0.18<br>-1.69  | 10.46<br>0.20<br>-1.51  |
| DUNKIRK___2<br>23564                       | 7.62<br>0.06<br>-2.46   | 7.17<br>0.00<br>-2.09   | 6.97<br>0.05<br>-1.83   | 6.82<br>0.06<br>-1.67   | 6.46<br>0.04<br>-1.85   | 6.42<br>0.05<br>-1.80   | 7.09<br>0.06<br>-1.94   | 7.06<br>0.08<br>-1.90   | 8.31<br>0.07<br>-1.52   | 7.83<br>0.10<br>-1.30   | 8.51<br>0.12<br>-1.23   | 6.86<br>0.13<br>-1.56   | 6.89<br>0.12<br>-1.59   | 6.77<br>0.10<br>-1.57   | 6.56<br>0.09<br>-1.37   | 7.00<br>0.12<br>-1.78   | 7.55<br>0.10<br>-2.33   | 10.44<br>0.15<br>-2.77  | 10.56<br>0.13<br>-3.41  | 14.52<br>0.05<br>-2.97  | 14.70<br>-0.02<br>-3.07 | 12.63<br>0.07<br>-2.23  | 12.22<br>0.18<br>-1.69  | 10.46<br>0.20<br>-1.51  |
| DUNKIRK___3<br>23565                       | 7.58<br>0.05<br>-2.44   | 7.13<br>-0.02<br>-2.07  | 6.93<br>0.03<br>-1.82   | 6.79<br>0.05<br>-1.66   | 6.44<br>0.03<br>-1.83   | 6.39<br>0.04<br>-1.79   | 7.05<br>0.05<br>-1.92   | 7.03<br>0.06<br>-1.88   | 8.27<br>0.03<br>-1.51   | 7.79<br>0.07<br>-1.29   | 8.47<br>0.09<br>-1.22   | 6.82<br>0.10<br>-1.55   | 6.85<br>0.10<br>-1.58   | 6.73<br>0.08<br>-1.56   | 6.53<br>0.07<br>-1.36   | 6.97<br>0.10<br>-1.77   | 7.50<br>0.08<br>-2.31   | 10.39<br>0.13<br>-2.74  | 10.49<br>0.10<br>-3.37  | 14.43<br>-0.01<br>-2.95 | 14.62<br>-0.08<br>-3.04 | 12.56<br>0.02<br>-2.21  | 12.15<br>0.12<br>-1.68  | 10.40<br>0.16<br>-1.50  |
| DUNKIRK___4<br>23566                       | 7.58<br>0.05<br>-2.44   | 7.13<br>-0.02<br>-2.07  | 6.93<br>0.03<br>-1.82   | 6.79<br>0.05<br>-1.66   | 6.44<br>0.03<br>-1.83   | 6.39<br>0.04<br>-1.79   | 7.05<br>0.05<br>-1.92   | 7.03<br>0.06<br>-1.88   | 8.27<br>0.03<br>-1.51   | 7.79<br>0.07<br>-1.29   | 8.47<br>0.09<br>-1.22   | 6.82<br>0.10<br>-1.55   | 6.85<br>0.10<br>-1.58   | 6.73<br>0.08<br>-1.56   | 6.53<br>0.07<br>-1.36   | 6.97<br>0.10<br>-1.77   | 7.50<br>0.08<br>-2.31   | 10.39<br>0.13<br>-2.74  | 10.49<br>0.10<br>-3.37  | 14.43<br>-0.01<br>-2.95 | 14.62<br>-0.08<br>-3.04 | 12.56<br>0.02<br>-2.21  | 12.15<br>0.12<br>-1.68  | 10.40<br>0.16<br>-1.50  |
| DUNWOODS_138_KV_38W08_REV_LBMP_I<br>345000 | 20.97<br>0.37<br>-15.50 | 18.55<br>0.36<br>-13.12 | 16.97<br>0.35<br>-11.54 | 15.94<br>0.34<br>-10.52 | 16.51<br>0.30<br>-11.64 | 16.21<br>0.29<br>-11.35 | 17.30<br>0.38<br>-11.84 | 17.08<br>0.39<br>-11.60 | 16.60<br>0.57<br>-9.30  | 14.97<br>0.57<br>-7.99  | 15.35<br>0.64<br>-7.55  | 15.20<br>0.46<br>-9.57  | 15.40<br>0.48<br>-9.74  | 15.17<br>0.46<br>-9.61  | 13.96<br>0.47<br>-8.39  | 16.48<br>0.47<br>-10.90 | 19.86<br>0.50<br>-14.26 | 25.16<br>0.73<br>-16.91 | 28.63<br>0.65<br>-20.96 | 30.92<br>1.03<br>-18.38 | 31.74<br>1.04<br>-19.05 | 24.84<br>0.90<br>-13.61 | 21.59<br>0.90<br>-10.34 | 18.73<br>0.73<br>-9.26  |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G<br>345009  | 20.37<br>0.35<br>-14.93 | 18.04<br>0.33<br>-12.63 | 16.52<br>0.32<br>-11.11 | 15.52<br>0.31<br>-10.13 | 16.06<br>0.27<br>-11.21 | 15.76<br>0.27<br>-10.93 | 16.85<br>0.35<br>-11.41 | 16.63<br>0.36<br>-11.18 | 16.20<br>0.50<br>-8.97  | 14.62<br>0.49<br>-7.70  | 14.99<br>0.55<br>-7.28  | 14.80<br>0.40<br>-9.22  | 14.98<br>0.41<br>-9.39  | 14.75<br>0.39<br>-9.26  | 13.59<br>0.41<br>-8.09  | 16.02<br>0.41<br>-10.51 | 19.30<br>0.44<br>-13.74 | 24.48<br>0.65<br>-16.30 | 27.78<br>0.60<br>-20.17 | 30.12<br>0.94<br>-17.67 | 30.90<br>0.94<br>-18.30 | 24.28<br>0.84<br>-13.12 | 21.13<br>0.82<br>-9.96  | 18.34<br>0.67<br>-8.92  |
| E179THST_138_KV_TB4_REV_LBMP_J<br>345001   | 21.02<br>0.42<br>-15.51 | 18.61<br>0.41<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.23<br>0.32<br>-11.35 | 17.31<br>0.38<br>-11.84 | 17.09<br>0.40<br>-11.60 | 16.61<br>0.59<br>-9.30  | 14.99<br>0.58<br>-7.99  | 15.38<br>0.67<br>-7.55  | 15.22<br>0.48<br>-9.57  | 15.43<br>0.50<br>-9.76  | 15.20<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.90<br>0.53<br>-14.26 | 25.21<br>0.77<br>-16.92 | 28.68<br>0.70<br>-20.96 | 30.99<br>1.10<br>-18.38 | 31.81<br>1.11<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.64<br>0.95<br>-10.34 | 18.83<br>0.82<br>-9.26  |
| E179THST_13_KV_LOAD<br>356214              | 21.04<br>0.44<br>-15.51 | 18.63<br>0.43<br>-13.12 | 17.05<br>0.42<br>-11.54 | 16.02<br>0.41<br>-10.53 | 16.58<br>0.37<br>-11.64 | 16.25<br>0.33<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55  | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.63  | 14.03<br>0.52<br>-8.41  | 16.54<br>0.52<br>-10.92 | 19.92<br>0.55<br>-14.26 | 25.25<br>0.81<br>-16.92 | 28.71<br>0.74<br>-20.96 | 31.05<br>1.16<br>-18.38 | 31.87<br>1.17<br>-19.05 | 24.93<br>0.99<br>-13.61 | 21.68<br>0.99<br>-10.34 | 18.87<br>0.87<br>-9.26  |
| EAST HAMPTON___GT<br>23717                 | 27.02<br>0.74<br>-21.19 | 24.30<br>0.70<br>-18.52 | 24.52<br>0.70<br>-18.73 | 20.93<br>0.66<br>-15.20 | 21.10<br>0.59<br>-15.93 | 21.16<br>0.60<br>-16.00 | 22.83<br>0.73<br>-17.02 | 18.68<br>0.71<br>-12.88 | 20.26<br>1.05<br>-12.49 | 17.72<br>0.99<br>-10.30 | 18.46<br>1.04<br>-10.26 | 18.38<br>0.75<br>-12.46 | 18.70<br>0.76<br>-12.76 | 18.93<br>0.75<br>-13.08 | 19.00<br>0.75<br>-13.15 | 21.35<br>0.77<br>-15.48 | 25.54<br>0.81<br>-19.62 | 28.63<br>1.29<br>-19.82 | 29.57<br>1.18<br>-21.37 | 31.75<br>1.86<br>-18.39 | 34.88<br>1.82<br>-21.41 | 30.39<br>1.60<br>-18.46 | 26.61<br>1.74<br>-14.52 | 21.14<br>1.33<br>-11.07 |
| EAST RIVER___6<br>23660                    | 20.97<br>0.37<br>-15.50 | 18.55<br>0.36<br>-13.12 | 16.98<br>0.36<br>-11.54 | 15.95<br>0.34<br>-10.52 | 16.51<br>0.30<br>-11.64 | 16.21<br>0.30<br>-11.35 | 17.31<br>0.38<br>-11.84 | 17.09<br>0.41<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.44<br>0.51<br>-9.76  | 15.21<br>0.49<br>-9.62  | 14.00<br>0.50<br>-8.40  | 16.52<br>0.50<br>-10.92 | 19.91<br>0.53<br>-14.27 | 25.22<br>0.77<br>-16.93 | 28.66<br>0.69<br>-20.96 | 30.96<br>1.08<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.87<br>0.93<br>-13.61 | 21.61<br>0.92<br>-10.33 | 18.75<br>0.75<br>-9.25  |





|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| FARRAGUT___LBMP<br>323566                  | 20.99<br>0.39<br>-15.50 | 18.57<br>0.38<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.97<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.23<br>0.50<br>-9.57  | 15.44<br>0.51<br>-9.76  | 15.21<br>0.49<br>-9.62  | 14.01<br>0.50<br>-8.41  | 16.52<br>0.51<br>-10.92 | 19.91<br>0.53<br>-14.27 | 25.23<br>0.77<br>-16.93 | 28.67<br>0.69<br>-20.96 | 30.98<br>1.09<br>-18.38 | 31.81<br>1.11<br>-19.05 | 24.90<br>0.96<br>-13.61 | 21.64<br>0.95<br>-10.34 | 18.79<br>0.80<br>-9.25  |
| FENNER___WINDPWR<br>24204                  | 6.93<br>0.06<br>-1.78   | 6.64<br>0.05<br>-1.51   | 6.46<br>0.05<br>-1.33   | 6.36<br>0.07<br>-1.21   | 5.97<br>0.06<br>-1.34   | 5.92<br>0.05<br>-1.31   | 6.53<br>0.04<br>-1.40   | 6.53<br>0.06<br>-1.37   | 7.88<br>0.05<br>-1.10   | 7.43<br>0.06<br>-0.95   | 8.10<br>0.05<br>-0.89   | 6.34<br>0.04<br>-1.13   | 6.37<br>0.04<br>-1.15   | 6.26<br>0.02<br>-1.14   | 6.11<br>0.02<br>-0.99   | 6.42<br>0.03<br>-1.29   | 6.84<br>0.04<br>-1.69   | 9.60<br>0.08<br>-2.00   | 9.57<br>0.08<br>-2.46   | 13.82<br>0.17<br>-2.15  | 14.06<br>0.19<br>-2.22  | 12.10<br>0.16<br>-1.61  | 11.72<br>0.14<br>-1.22  | 9.99<br>0.15<br>-1.10   |
| FIBERTEK___ENERGY<br>23856                 | 6.69<br>-0.03<br>-1.62  | 6.42<br>-0.04<br>-1.37  | 6.27<br>-0.03<br>-1.21  | 6.16<br>-0.03<br>-1.10  | 5.77<br>-0.03<br>-1.22  | 5.73<br>-0.03<br>-1.19  | 6.33<br>-0.03<br>-1.28  | 6.32<br>-0.02<br>-1.25  | 7.69<br>-0.04<br>-1.00  | 7.26<br>-0.03<br>-0.86  | 7.95<br>-0.02<br>-0.81  | 6.19<br>-0.02<br>-1.03  | 6.21<br>-0.02<br>-1.05  | 6.10<br>-0.03<br>-1.04  | 5.97<br>-0.03<br>-0.91  | 6.26<br>-0.02<br>-1.18  | 6.64<br>-0.02<br>-1.54  | 9.34<br>0.00<br>-1.82   | 9.24<br>-0.02<br>-2.24  | 13.42<br>-0.03<br>-1.96 | 13.64<br>-0.03<br>-2.02 | 11.77<br>-0.03<br>-1.47 | 11.45<br>-0.02<br>-1.11 | 9.74<br>0.00<br>-1.00   |
| FITZPATRICK____<br>23598                   | 6.08<br>-0.15<br>-1.13  | 5.88<br>-0.16<br>-0.96  | 5.78<br>-0.15<br>-0.84  | 5.71<br>-0.14<br>-0.77  | 5.29<br>-0.13<br>-0.85  | 5.26<br>-0.13<br>-0.83  | 5.82<br>-0.15<br>-0.89  | 5.82<br>-0.14<br>-0.87  | 7.22<br>-0.20<br>-0.70  | 6.84<br>-0.18<br>-0.60  | 7.52<br>-0.20<br>-0.57  | 5.75<br>-0.14<br>-0.72  | 5.77<br>-0.14<br>-0.73  | 5.67<br>-0.15<br>-0.72  | 5.58<br>-0.15<br>-0.63  | 5.78<br>-0.14<br>-0.82  | 6.04<br>-0.14<br>-1.07  | 8.59<br>-0.20<br>-1.27  | 8.39<br>-0.19<br>-1.56  | 12.53<br>-0.33<br>-1.36 | 12.74<br>-0.33<br>-1.41 | 11.06<br>-0.29<br>-1.02 | 10.85<br>-0.28<br>-0.78 | 9.22<br>-0.22<br>-0.69  |
| FLOWRFLD_69_KV_BK1<br>356044               | 26.86<br>0.58<br>-21.19 | 24.16<br>0.55<br>-18.52 | 24.37<br>0.55<br>-18.73 | 20.80<br>0.52<br>-15.20 | 20.97<br>0.47<br>-15.93 | 21.03<br>0.47<br>-16.00 | 22.69<br>0.58<br>-17.02 | 18.54<br>0.57<br>-12.88 | 20.07<br>0.85<br>-12.49 | 17.54<br>0.81<br>-10.30 | 18.28<br>0.87<br>-10.26 | 18.25<br>0.62<br>-12.46 | 18.57<br>0.63<br>-12.76 | 18.80<br>0.63<br>-13.08 | 18.88<br>0.63<br>-13.15 | 21.22<br>0.64<br>-15.48 | 25.40<br>0.67<br>-19.62 | 28.36<br>1.02<br>-19.82 | 29.32<br>0.93<br>-21.37 | 31.36<br>1.47<br>-18.39 | 34.51<br>1.45<br>-21.41 | 30.06<br>1.27<br>-18.46 | 26.26<br>1.38<br>-14.53 | 20.87<br>1.06<br>-11.07 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G<br>345010 | 20.94<br>0.37<br>-15.47 | 18.52<br>0.35<br>-13.09 | 16.95<br>0.35<br>-11.51 | 15.91<br>0.33<br>-10.50 | 16.48<br>0.29<br>-11.62 | 16.18<br>0.29<br>-11.33 | 17.28<br>0.37<br>-11.82 | 17.05<br>0.38<br>-11.58 | 16.54<br>0.53<br>-9.29  | 14.92<br>0.53<br>-7.97  | 15.28<br>0.59<br>-7.54  | 15.15<br>0.43<br>-9.55  | 15.34<br>0.43<br>-9.73  | 15.10<br>0.41<br>-9.59  | 13.90<br>0.43<br>-8.38  | 16.42<br>0.43<br>-10.89 | 19.81<br>0.47<br>-14.23 | 25.10<br>0.69<br>-16.89 | 28.54<br>0.64<br>-20.88 | 30.79<br>1.00<br>-18.29 | 31.58<br>0.99<br>-18.94 | 24.81<br>0.90<br>-13.58 | 21.54<br>0.87<br>-10.32 | 18.69<br>0.71<br>-9.24  |
| FORT ORANGE____<br>23900                   | 24.41<br>0.10<br>-19.21 | 21.44<br>0.10<br>-16.25 | 19.49<br>0.11<br>-14.30 | 18.28<br>0.16<br>-13.04 | 19.13<br>0.14<br>-14.42 | 18.77<br>0.14<br>-14.06 | 20.17<br>0.17<br>-14.91 | 19.87<br>0.18<br>-14.60 | 18.67<br>0.23<br>-11.71 | 16.68<br>0.21<br>-10.05 | 16.90<br>0.23<br>-9.51  | 17.38<br>0.17<br>-12.05 | 17.61<br>0.16<br>-12.27 | 17.36<br>0.16<br>-12.10 | 15.82<br>0.16<br>-10.57 | 18.99<br>0.16<br>-13.73 | 23.21<br>0.15<br>-17.95 | 29.03<br>0.21<br>-21.30 | 33.15<br>0.20<br>-25.93 | 34.34<br>0.33<br>-22.50 | 35.13<br>0.33<br>-23.15 | 27.77<br>0.31<br>-17.13 | 23.70<br>0.33<br>-13.01 | 20.66<br>0.26<br>-11.65 |
| FORT_DRUM_COGEN<br>23780                   | 5.90<br>-0.05<br>-0.86  | 5.75<br>-0.06<br>-0.72  | 5.68<br>-0.04<br>-0.64  | 5.62<br>-0.04<br>-0.58  | 5.17<br>-0.05<br>-0.64  | 5.14<br>-0.05<br>-0.63  | 5.68<br>-0.08<br>-0.67  | 5.67<br>-0.08<br>-0.66  | 7.13<br>-0.13<br>-0.53  | 6.74<br>-0.14<br>-0.45  | 7.42<br>-0.17<br>-0.43  | 5.58<br>-0.13<br>-0.54  | 5.59<br>-0.14<br>-0.55  | 5.48<br>-0.16<br>-0.55  | 5.39<br>-0.19<br>-0.48  | 5.56<br>-0.16<br>-0.62  | 5.79<br>-0.14<br>-0.81  | 8.30<br>-0.18<br>-0.96  | 8.09<br>-0.11<br>-1.18  | 12.49<br>-0.05<br>-1.03 | 12.71<br>-0.01<br>-1.07 | 11.05<br>-0.05<br>-0.77 | 10.88<br>-0.06<br>-0.59 | 9.22<br>-0.04<br>-0.53  |
| FPL_FAR_ROCK_GT1<br>24212                  | 26.80<br>0.52<br>-21.19 | 24.11<br>0.50<br>-18.52 | 24.32<br>0.50<br>-18.73 | 20.77<br>0.49<br>-15.20 | 20.95<br>0.44<br>-15.93 | 21.00<br>0.43<br>-16.00 | 22.62<br>0.52<br>-17.02 | 18.52<br>0.55<br>-12.88 | 19.97<br>0.76<br>-12.49 | 17.48<br>0.75<br>-10.30 | 18.25<br>0.83<br>-10.26 | 18.23<br>0.60<br>-12.46 | 18.55<br>0.61<br>-12.76 | 18.77<br>0.59<br>-13.08 | 18.85<br>0.60<br>-13.15 | 21.18<br>0.60<br>-15.48 | 25.36<br>0.62<br>-19.62 | 28.18<br>0.85<br>-19.82 | 29.15<br>0.77<br>-21.37 | 31.09<br>1.21<br>-18.39 | 34.29<br>1.23<br>-21.40 | 29.98<br>1.19<br>-18.46 | 26.07<br>1.20<br>-14.51 | 20.82<br>1.00<br>-11.07 |
| FPL_FAR_ROCK_GT2<br>23815                  | 26.80<br>0.52<br>-21.19 | 24.11<br>0.50<br>-18.52 | 24.32<br>0.50<br>-18.73 | 20.77<br>0.49<br>-15.20 | 20.95<br>0.44<br>-15.93 | 21.00<br>0.43<br>-16.00 | 22.62<br>0.52<br>-17.02 | 18.52<br>0.55<br>-12.88 | 19.97<br>0.76<br>-12.49 | 17.48<br>0.75<br>-10.30 | 18.25<br>0.83<br>-10.26 | 18.23<br>0.60<br>-12.46 | 18.55<br>0.61<br>-12.76 | 18.77<br>0.59<br>-13.08 | 18.85<br>0.60<br>-13.15 | 21.18<br>0.60<br>-15.48 | 25.36<br>0.62<br>-19.62 | 28.18<br>0.85<br>-19.82 | 29.15<br>0.77<br>-21.37 | 31.09<br>1.21<br>-18.39 | 34.29<br>1.23<br>-21.40 | 29.98<br>1.19<br>-18.46 | 26.07<br>1.20<br>-14.51 | 20.82<br>1.00<br>-11.07 |
| FRANKLIN_FALL_HYD<br>24054                 | 5.01<br>-0.08<br>0.00   | 5.04<br>-0.05<br>0.00   | 5.05<br>-0.04<br>0.00   | 5.02<br>-0.06<br>0.00   | 4.54<br>-0.03<br>0.00   | 4.55<br>-0.02<br>0.00   | 5.06<br>-0.03<br>0.00   | 5.07<br>-0.02<br>0.00   | 6.69<br>-0.04<br>0.00   | 6.33<br>-0.10<br>0.00   | 7.03<br>-0.13<br>0.00   | 5.05<br>-0.12<br>0.00   | 5.02<br>-0.16<br>0.00   | 4.97<br>-0.12<br>0.00   | 4.96<br>-0.14<br>0.00   | 4.94<br>-0.16<br>0.00   | 4.94<br>-0.17<br>0.00   | 7.25<br>-0.27<br>0.00   | 6.82<br>-0.20<br>0.00   | 11.27<br>-0.23<br>0.00  | 11.41<br>-0.24<br>0.00  | 10.08<br>-0.25<br>0.00  | 10.06<br>-0.29<br>0.00  | 8.48<br>-0.26<br>0.00   |
| FREEPORT_EQUS_GT1<br>23764                 | 26.78<br>0.49<br>-21.19 | 24.08<br>0.48<br>-18.52 | 24.29<br>0.47<br>-18.73 | 20.74<br>0.46<br>-15.20 | 20.92<br>0.41<br>-15.93 | 20.97<br>0.41<br>-16.00 | 22.61<br>0.50<br>-17.02 | 18.48<br>0.51<br>-12.88 | 19.96<br>0.75<br>-12.49 | 17.45<br>0.73<br>-10.30 | 18.21<br>0.79<br>-10.26 | 18.20<br>0.57<br>-12.46 | 18.52<br>0.58<br>-12.76 | 18.74<br>0.57<br>-13.08 | 18.82<br>0.58<br>-13.15 | 21.15<br>0.57<br>-15.48 | 25.33<br>0.60<br>-19.62 | 28.22<br>0.88<br>-19.82 | 29.18<br>0.79<br>-21.37 | 31.15<br>1.26<br>-18.39 | 34.34<br>1.28<br>-21.41 | 29.91<br>1.12<br>-18.46 | 26.01<br>1.15<br>-14.51 | 20.77<br>0.95<br>-11.07 |
| FREEPORT___CT2<br>23818                    | 26.78<br>0.49<br>-21.19 | 24.08<br>0.48<br>-18.52 | 24.29<br>0.47<br>-18.73 | 20.74<br>0.46<br>-15.20 | 20.92<br>0.41<br>-15.93 | 20.97<br>0.41<br>-16.00 | 22.61<br>0.50<br>-17.02 | 18.48<br>0.51<br>-12.88 | 19.96<br>0.75<br>-12.49 | 17.45<br>0.73<br>-10.30 | 18.21<br>0.79<br>-10.26 | 18.20<br>0.57<br>-12.46 | 18.52<br>0.58<br>-12.76 | 18.74<br>0.57<br>-13.08 | 18.82<br>0.58<br>-13.15 | 21.15<br>0.57<br>-15.48 | 25.33<br>0.60<br>-19.62 | 28.22<br>0.88<br>-19.82 | 29.18<br>0.79<br>-21.37 | 31.15<br>1.26<br>-18.39 | 34.34<br>1.28<br>-21.41 | 29.91<br>1.12<br>-18.46 | 26.01<br>1.15<br>-14.51 | 20.77<br>0.95<br>-11.07 |
| FRESHKLS_33_KV_LOAD<br>356253              | 21.04<br>0.44<br>-15.51 | 18.62<br>0.41<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.31<br>0.39<br>-11.84 | 17.08<br>0.40<br>-11.60 | 16.59<br>0.57<br>-9.30  | 14.97<br>0.57<br>-7.99  | 15.36<br>0.65<br>-7.55  | 15.20<br>0.47<br>-9.57  | 15.42<br>0.49<br>-9.76  | 15.20<br>0.47<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.50<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.26<br>0.80<br>-16.94 | 28.68<br>0.70<br>-20.96 | 30.99<br>1.10<br>-18.38 | 31.81<br>1.11<br>-19.05 | 24.95<br>1.01<br>-13.61 | 21.71<br>1.02<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| FULTON COGEN____<br>23766                  | 6.35<br>-0.10<br>-1.36  | 6.11<br>-0.12<br>-1.15  | 5.99<br>-0.10<br>-1.01  | 5.90<br>-0.10<br>-0.92  | 5.49<br>-0.10<br>-1.02  | 5.46<br>-0.11<br>-0.99  | 6.05<br>-0.11<br>-1.07  | 6.03<br>-0.11<br>-1.04  | 7.42<br>-0.15<br>-0.84  | 7.01<br>-0.13<br>-0.72  | 7.69<br>-0.14<br>-0.68  | 5.93<br>-0.10<br>-0.86  | 5.96<br>-0.10<br>-0.88  | 5.85<br>-0.12<br>-0.87  | 5.73<br>-0.12<br>-0.76  | 5.98<br>-0.11<br>-0.98  | 6.29<br>-0.11<br>-1.28  | 8.91<br>-0.14<br>-1.52  | 8.75<br>-0.14<br>-1.87  | 12.91<br>-0.23<br>-1.64 | 13.11<br>-0.23<br>-1.69 | 11.35<br>-0.21<br>-1.23 | 11.10<br>-0.19<br>-0.93 | 9.43<br>-0.15<br>-0.83  |



|                               |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| FULTON___LFGE<br>323630       | 28.48<br>0.46<br>-22.93 | 24.91<br>0.43<br>-19.40 | 22.57<br>0.42<br>-17.06 | 21.11<br>0.47<br>-15.56 | 22.25<br>0.46<br>-17.21 | 21.82<br>0.47<br>-16.78 | 23.57<br>0.44<br>-18.04 | 23.24<br>0.47<br>-17.67 | 21.49<br>0.58<br>-14.18 | 19.13<br>0.53<br>-12.17 | 19.22<br>0.55<br>-11.51 | 20.16<br>0.41<br>-14.58 | 20.43<br>0.40<br>-14.85 | 20.12<br>0.38<br>-14.65 | 18.23<br>0.34<br>-12.79 | 22.08<br>0.36<br>-16.62 | 27.25<br>0.41<br>-21.73 | 34.01<br>0.71<br>-25.78 | 39.25<br>0.71<br>-31.52 | 40.17<br>1.23<br>-27.44 | 41.20<br>1.27<br>-28.28 | 32.19<br>1.12<br>-20.74 | 27.18<br>1.08<br>-15.75 | 23.76<br>0.91<br>-14.11 |
| G.F.CEMENT___DRP<br>24184     | 25.43<br>0.13<br>-20.21 | 22.30<br>0.12<br>-17.10 | 20.24<br>0.12<br>-15.04 | 18.90<br>0.10<br>-13.72 | 19.86<br>0.11<br>-15.17 | 19.47<br>0.11<br>-14.79 | 21.03<br>0.15<br>-15.79 | 20.68<br>0.12<br>-15.47 | 19.49<br>0.36<br>-12.41 | 17.40<br>0.33<br>-10.65 | 17.58<br>0.35<br>-10.07 | 18.20<br>0.27<br>-12.76 | 18.43<br>0.25<br>-13.00 | 18.16<br>0.24<br>-12.82 | 16.50<br>0.21<br>-11.20 | 19.87<br>0.22<br>-14.55 | 24.27<br>0.14<br>-19.02 | 30.32<br>0.24<br>-22.56 | 34.73<br>0.24<br>-27.47 | 35.77<br>0.43<br>-23.85 | 36.64<br>0.45<br>-24.53 | 28.90<br>0.41<br>-18.15 | 24.53<br>0.39<br>-13.79 | 21.33<br>0.24<br>-12.35 |
| GARDENVILLE___LBMP<br>24039   | 7.54<br>0.02<br>-2.42   | 7.09<br>-0.04<br>-2.05  | 6.90<br>0.01<br>-1.80   | 6.76<br>0.04<br>-1.65   | 6.41<br>0.02<br>-1.82   | 6.37<br>0.02<br>-1.77   | 7.01<br>0.02<br>-1.91   | 6.98<br>0.02<br>-1.86   | 8.20<br>-0.02<br>-1.49  | 7.73<br>0.03<br>-1.28   | 8.41<br>0.04<br>-1.21   | 6.77<br>0.06<br>-1.54   | 6.80<br>0.06<br>-1.57   | 6.68<br>0.04<br>-1.55   | 6.49<br>0.04<br>-1.35   | 6.92<br>0.07<br>-1.75   | 7.46<br>0.05<br>-2.29   | 10.31<br>0.08<br>-2.72  | 10.42<br>0.05<br>-3.35  | 14.32<br>-0.10<br>-2.92 | 14.50<br>-0.17<br>-3.02 | 12.45<br>-0.07<br>-2.19 | 12.05<br>0.03<br>-1.66  | 10.32<br>0.09<br>-1.49  |
| GARDNVLA_35_KV_LD<br>355827   | 7.58<br>0.04<br>-2.45   | 7.13<br>-0.03<br>-2.07  | 6.93<br>0.02<br>-1.82   | 6.79<br>0.05<br>-1.66   | 6.44<br>0.03<br>-1.84   | 6.40<br>0.04<br>-1.79   | 7.04<br>0.03<br>-1.92   | 7.01<br>0.04<br>-1.88   | 8.24<br>0.01<br>-1.51   | 7.76<br>0.04<br>-1.29   | 8.45<br>0.06<br>-1.22   | 6.80<br>0.08<br>-1.55   | 6.84<br>0.08<br>-1.58   | 6.72<br>0.06<br>-1.56   | 6.52<br>0.06<br>-1.36   | 6.96<br>0.09<br>-1.77   | 7.50<br>0.07<br>-2.31   | 10.37<br>0.11<br>-2.74  | 10.48<br>0.08<br>-3.38  | 14.39<br>-0.06<br>-2.95 | 14.57<br>-0.13<br>-3.05 | 12.52<br>-0.02<br>-2.21 | 12.10<br>0.07<br>-1.68  | 10.37<br>0.12<br>-1.50  |
| GELCKHM__115KV_LOAD<br>80723  | 6.53<br>-0.05<br>-1.48  | 6.27<br>-0.07<br>-1.26  | 6.13<br>-0.06<br>-1.10  | 6.04<br>-0.05<br>-1.01  | 5.64<br>-0.05<br>-1.11  | 5.60<br>-0.05<br>-1.09  | 6.19<br>-0.06<br>-1.17  | 6.18<br>-0.05<br>-1.14  | 7.57<br>-0.07<br>-0.92  | 7.15<br>-0.06<br>-0.79  | 7.84<br>-0.06<br>-0.74  | 6.07<br>-0.04<br>-0.94  | 6.09<br>-0.04<br>-0.96  | 5.99<br>-0.06<br>-0.95  | 5.87<br>-0.06<br>-0.83  | 6.14<br>-0.04<br>-1.07  | 6.48<br>-0.04<br>-1.40  | 9.14<br>-0.05<br>-1.67  | 9.01<br>-0.06<br>-2.05  | 13.19<br>-0.10<br>-1.79 | 13.40<br>-0.10<br>-1.85 | 11.58<br>-0.09<br>-1.34 | 11.29<br>-0.08<br>-1.02 | 9.59<br>-0.06<br>-0.91  |
| GENERAL___MILLS<br>23808      | 7.56<br>0.03<br>-2.44   | 7.11<br>-0.04<br>-2.06  | 6.91<br>0.01<br>-1.82   | 6.78<br>0.04<br>-1.66   | 6.43<br>0.02<br>-1.83   | 6.38<br>0.03<br>-1.79   | 7.03<br>0.02<br>-1.92   | 7.00<br>0.03<br>-1.88   | 8.22<br>-0.01<br>-1.50  | 7.75<br>0.03<br>-1.29   | 8.42<br>0.04<br>-1.22   | 6.79<br>0.07<br>-1.55   | 6.82<br>0.07<br>-1.58   | 6.70<br>0.05<br>-1.55   | 6.50<br>0.05<br>-1.36   | 6.94<br>0.07<br>-1.76   | 7.48<br>0.06<br>-2.31   | 10.35<br>0.09<br>-2.74  | 10.45<br>0.06<br>-3.37  | 14.35<br>-0.09<br>-2.94 | 14.54<br>-0.15<br>-3.04 | 12.48<br>-0.05<br>-2.21 | 12.08<br>0.05<br>-1.68  | 10.35<br>0.10<br>-1.50  |
| GE_PLASTICS___DRP<br>24183    | 24.45<br>0.11<br>-19.25 | 21.47<br>0.11<br>-16.28 | 19.53<br>0.12<br>-14.32 | 18.30<br>0.15<br>-13.06 | 19.15<br>0.13<br>-14.45 | 18.78<br>0.13<br>-14.09 | 20.31<br>0.15<br>-15.07 | 20.01<br>0.16<br>-14.76 | 18.77<br>0.21<br>-11.84 | 16.79<br>0.20<br>-10.16 | 16.99<br>0.22<br>-9.61  | 17.51<br>0.16<br>-12.17 | 17.74<br>0.16<br>-12.40 | 17.48<br>0.15<br>-12.23 | 15.93<br>0.15<br>-10.68 | 19.13<br>0.15<br>-13.88 | 23.41<br>0.15<br>-18.14 | 29.26<br>0.21<br>-21.52 | 33.49<br>0.20<br>-26.27 | 34.65<br>0.31<br>-22.84 | 35.49<br>0.31<br>-23.52 | 27.94<br>0.29<br>-17.32 | 23.81<br>0.31<br>-13.15 | 20.76<br>0.24<br>-11.78 |
| GILBOA___1<br>23756           | 20.09<br>0.15<br>-14.84 | 17.78<br>0.15<br>-12.56 | 16.28<br>0.15<br>-11.04 | 15.31<br>0.15<br>-10.07 | 15.85<br>0.14<br>-11.14 | 15.56<br>0.13<br>-10.86 | 17.02<br>0.15<br>-11.78 | 16.78<br>0.16<br>-11.53 | 16.21<br>0.23<br>-9.25  | 14.59<br>0.22<br>-7.94  | 14.91<br>0.24<br>-7.51  | 14.87<br>0.18<br>-9.52  | 15.05<br>0.18<br>-9.69  | 14.83<br>0.17<br>-9.56  | 13.62<br>0.17<br>-8.35  | 16.12<br>0.17<br>-10.85 | 19.48<br>0.18<br>-14.18 | 24.62<br>0.27<br>-16.83 | 27.96<br>0.25<br>-20.69 | 29.96<br>0.39<br>-18.07 | 30.72<br>0.40<br>-18.67 | 24.22<br>0.35<br>-13.54 | 20.99<br>0.35<br>-10.28 | 18.24<br>0.29<br>-9.21  |
| GILBOA___2<br>23757           | 20.09<br>0.15<br>-14.84 | 17.78<br>0.15<br>-12.56 | 16.28<br>0.15<br>-11.04 | 15.31<br>0.15<br>-10.07 | 15.85<br>0.14<br>-11.14 | 15.56<br>0.13<br>-10.86 | 17.02<br>0.15<br>-11.78 | 16.78<br>0.16<br>-11.53 | 16.21<br>0.23<br>-9.25  | 14.59<br>0.22<br>-7.94  | 14.91<br>0.24<br>-7.51  | 14.87<br>0.18<br>-9.52  | 15.05<br>0.18<br>-9.69  | 14.83<br>0.17<br>-9.56  | 13.62<br>0.17<br>-8.35  | 16.12<br>0.17<br>-10.85 | 19.48<br>0.18<br>-14.18 | 24.62<br>0.27<br>-16.83 | 27.96<br>0.25<br>-20.69 | 29.96<br>0.39<br>-18.07 | 30.72<br>0.40<br>-18.67 | 24.22<br>0.35<br>-13.54 | 20.99<br>0.35<br>-10.28 | 18.24<br>0.29<br>-9.21  |
| GILBOA___3<br>23758           | 20.09<br>0.15<br>-14.84 | 17.78<br>0.15<br>-12.56 | 16.28<br>0.15<br>-11.04 | 15.31<br>0.15<br>-10.07 | 15.85<br>0.14<br>-11.14 | 15.56<br>0.13<br>-10.86 | 17.02<br>0.15<br>-11.78 | 16.78<br>0.16<br>-11.53 | 16.21<br>0.23<br>-9.25  | 14.59<br>0.22<br>-7.94  | 14.91<br>0.24<br>-7.51  | 14.87<br>0.18<br>-9.52  | 15.05<br>0.18<br>-9.69  | 14.83<br>0.17<br>-9.56  | 13.62<br>0.17<br>-8.35  | 16.12<br>0.17<br>-10.85 | 19.48<br>0.18<br>-14.18 | 24.62<br>0.27<br>-16.83 | 27.96<br>0.25<br>-20.69 | 29.96<br>0.39<br>-18.07 | 30.72<br>0.40<br>-18.67 | 24.22<br>0.35<br>-13.54 | 20.99<br>0.35<br>-10.28 | 18.24<br>0.29<br>-9.21  |
| GILBOA___4<br>23759           | 20.09<br>0.15<br>-14.84 | 17.78<br>0.15<br>-12.56 | 16.28<br>0.15<br>-11.04 | 15.31<br>0.15<br>-10.07 | 15.85<br>0.14<br>-11.14 | 15.56<br>0.13<br>-10.86 | 17.02<br>0.15<br>-11.78 | 16.78<br>0.16<br>-11.53 | 16.21<br>0.23<br>-9.25  | 14.59<br>0.22<br>-7.94  | 14.91<br>0.24<br>-7.51  | 14.87<br>0.18<br>-9.52  | 15.05<br>0.18<br>-9.69  | 14.83<br>0.17<br>-9.56  | 13.62<br>0.17<br>-8.35  | 16.12<br>0.17<br>-10.85 | 19.48<br>0.18<br>-14.18 | 24.62<br>0.27<br>-16.83 | 27.96<br>0.25<br>-20.69 | 29.96<br>0.39<br>-18.07 | 30.72<br>0.40<br>-18.67 | 24.22<br>0.35<br>-13.54 | 20.99<br>0.35<br>-10.28 | 18.24<br>0.29<br>-9.21  |
| GILBOA___<br>23599            | 20.09<br>0.16<br>-14.84 | 17.78<br>0.15<br>-12.56 | 16.28<br>0.15<br>-11.04 | 15.31<br>0.15<br>-10.07 | 15.85<br>0.14<br>-11.14 | 15.56<br>0.13<br>-10.86 | 17.02<br>0.15<br>-11.78 | 16.78<br>0.16<br>-11.53 | 16.20<br>0.22<br>-9.25  | 14.59<br>0.22<br>-7.94  | 14.91<br>0.24<br>-7.51  | 14.87<br>0.18<br>-9.52  | 15.05<br>0.18<br>-9.69  | 14.83<br>0.17<br>-9.56  | 13.62<br>0.17<br>-8.35  | 16.13<br>0.18<br>-10.85 | 19.48<br>0.18<br>-14.18 | 24.62<br>0.27<br>-16.83 | 27.96<br>0.25<br>-20.69 | 29.96<br>0.39<br>-18.07 | 30.72<br>0.40<br>-18.67 | 24.22<br>0.35<br>-13.54 | 20.99<br>0.35<br>-10.28 | 18.24<br>0.29<br>-9.21  |
| GINNA___<br>23603             | 6.66<br>-0.25<br>-1.82  | 6.35<br>-0.27<br>-1.54  | 6.19<br>-0.25<br>-1.35  | 6.08<br>-0.23<br>-1.24  | 5.72<br>-0.21<br>-1.37  | 5.70<br>-0.20<br>-1.33  | 6.31<br>-0.21<br>-1.43  | 6.33<br>-0.16<br>-1.40  | 7.60<br>-0.25<br>-1.12  | 7.19<br>-0.20<br>-0.96  | 7.86<br>-0.21<br>-0.91  | 6.18<br>-0.14<br>-1.16  | 6.21<br>-0.14<br>-1.18  | 6.10<br>-0.16<br>-1.16  | 5.95<br>-0.16<br>-1.01  | 6.27<br>-0.15<br>-1.32  | 6.69<br>-0.15<br>-1.72  | 9.36<br>-0.20<br>-2.04  | 9.32<br>-0.22<br>-2.51  | 13.26<br>-0.44<br>-2.20 | 13.49<br>-0.43<br>-2.27 | 11.56<br>-0.41<br>-1.64 | 11.19<br>-0.41<br>-1.25 | 9.51<br>-0.35<br>-1.12  |
| GLEN PARK___<br>23778         | 5.95<br>-0.03<br>-0.89  | 5.79<br>-0.04<br>-0.75  | 5.73<br>-0.02<br>-0.66  | 5.66<br>-0.03<br>-0.60  | 5.21<br>-0.03<br>-0.67  | 5.18<br>-0.04<br>-0.65  | 5.72<br>-0.07<br>-0.70  | 5.70<br>-0.07<br>-0.68  | 7.16<br>-0.11<br>-0.55  | 6.76<br>-0.13<br>-0.47  | 7.44<br>-0.16<br>-0.44  | 5.60<br>-0.13<br>-0.56  | 5.61<br>-0.13<br>-0.57  | 5.50<br>-0.16<br>-0.57  | 5.41<br>-0.18<br>-0.49  | 5.59<br>-0.15<br>-0.64  | 5.82<br>-0.13<br>-0.84  | 8.35<br>-0.17<br>-0.99  | 8.15<br>-0.09<br>-1.22  | 12.57<br>0.00<br>-1.07  | 12.79<br>0.04<br>-1.10  | 11.12<br>-0.01<br>-0.80 | 10.94<br>-0.02<br>-0.61 | 9.28<br>-0.01<br>-0.54  |
| GLENDALE_27_KV_LOAD<br>356172 | 21.04<br>0.43<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.25<br>0.33<br>-11.35 | 17.34<br>0.41<br>-11.84 | 17.13<br>0.44<br>-11.60 | 16.67<br>0.64<br>-9.30  | 15.05<br>0.64<br>-7.99  | 15.43<br>0.72<br>-7.55  | 15.26<br>0.52<br>-9.57  | 15.48<br>0.54<br>-9.76  | 15.24<br>0.52<br>-9.63  | 14.04<br>0.54<br>-8.41  | 16.56<br>0.54<br>-10.92 | 19.96<br>0.57<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.74<br>0.76<br>-20.96 | 31.08<br>1.20<br>-18.38 | 31.90<br>1.20<br>-19.05 | 24.97<br>1.03<br>-13.61 | 21.71<br>1.02<br>-10.34 | 18.87<br>0.87<br>-9.26  |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GLENWOOD_IC_1_G5<br>23712              | 26.73<br>0.45<br>-21.19 | 24.04<br>0.43<br>-18.52 | 24.24<br>0.43<br>-18.73 | 20.69<br>0.41<br>-15.20 | 20.87<br>0.37<br>-15.93 | 20.93<br>0.36<br>-16.00 | 22.56<br>0.45<br>-17.02 | 18.43<br>0.46<br>-12.88 | 19.89<br>0.67<br>-12.49 | 17.39<br>0.66<br>-10.30 | 18.16<br>0.74<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.70<br>0.53<br>-13.08 | 18.79<br>0.55<br>-13.15 | 21.12<br>0.54<br>-15.48 | 25.30<br>0.57<br>-19.62 | 28.17<br>0.83<br>-19.82 | 29.14<br>0.75<br>-21.37 | 31.08<br>1.20<br>-18.39 | 34.27<br>1.21<br>-21.40 | 29.84<br>1.05<br>-18.46 | 25.92<br>1.06<br>-14.51 | 20.68<br>0.87<br>-11.07 |
| GLENWOOD_IC_2_G1<br>23688              | 26.70<br>0.42<br>-21.19 | 24.00<br>0.40<br>-18.52 | 24.21<br>0.40<br>-18.73 | 20.66<br>0.38<br>-15.20 | 20.84<br>0.34<br>-15.93 | 20.90<br>0.33<br>-16.00 | 22.52<br>0.42<br>-17.02 | 18.41<br>0.44<br>-12.88 | 19.85<br>0.63<br>-12.49 | 17.35<br>0.62<br>-10.30 | 18.12<br>0.70<br>-10.26 | 18.14<br>0.51<br>-12.46 | 18.46<br>0.52<br>-12.76 | 18.67<br>0.50<br>-13.08 | 18.76<br>0.51<br>-13.15 | 21.09<br>0.51<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.79<br>-19.82 | 29.10<br>0.71<br>-21.37 | 31.02<br>1.13<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.86<br>0.99<br>-14.51 | 20.63<br>0.81<br>-11.07 |
| GLENWOOD_IC_3_G1<br>23689              | 26.70<br>0.42<br>-21.19 | 24.00<br>0.40<br>-18.52 | 24.21<br>0.40<br>-18.73 | 20.66<br>0.38<br>-15.20 | 20.84<br>0.34<br>-15.93 | 20.90<br>0.33<br>-16.00 | 22.52<br>0.42<br>-17.02 | 18.41<br>0.44<br>-12.88 | 19.85<br>0.63<br>-12.49 | 17.35<br>0.62<br>-10.30 | 18.12<br>0.70<br>-10.26 | 18.14<br>0.51<br>-12.46 | 18.46<br>0.52<br>-12.76 | 18.67<br>0.50<br>-13.08 | 18.76<br>0.51<br>-13.15 | 21.09<br>0.51<br>-15.48 | 25.27<br>0.54<br>-19.62 | 28.12<br>0.79<br>-19.82 | 29.10<br>0.71<br>-21.37 | 31.02<br>1.13<br>-18.39 | 34.19<br>1.13<br>-21.40 | 29.78<br>0.99<br>-18.46 | 25.86<br>0.99<br>-14.51 | 20.63<br>0.81<br>-11.07 |
| GLENWOOD___4<br>23550                  | 26.73<br>0.45<br>-21.19 | 24.04<br>0.43<br>-18.52 | 24.24<br>0.43<br>-18.73 | 20.69<br>0.41<br>-15.20 | 20.87<br>0.37<br>-15.93 | 20.93<br>0.36<br>-16.00 | 22.56<br>0.45<br>-17.02 | 18.43<br>0.46<br>-12.88 | 19.89<br>0.67<br>-12.49 | 17.39<br>0.66<br>-10.30 | 18.16<br>0.74<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.70<br>0.53<br>-13.08 | 18.79<br>0.55<br>-13.15 | 21.12<br>0.54<br>-15.48 | 25.30<br>0.57<br>-19.62 | 28.17<br>0.83<br>-19.82 | 29.14<br>0.75<br>-21.37 | 31.08<br>1.20<br>-18.39 | 34.27<br>1.21<br>-21.40 | 29.84<br>1.05<br>-18.46 | 25.92<br>1.06<br>-14.51 | 20.68<br>0.87<br>-11.07 |
| GLENWOOD___5<br>23614                  | 26.73<br>0.45<br>-21.19 | 24.04<br>0.43<br>-18.52 | 24.24<br>0.43<br>-18.73 | 20.69<br>0.41<br>-15.20 | 20.87<br>0.37<br>-15.93 | 20.93<br>0.36<br>-16.00 | 22.56<br>0.45<br>-17.02 | 18.43<br>0.46<br>-12.88 | 19.89<br>0.67<br>-12.49 | 17.39<br>0.66<br>-10.30 | 18.16<br>0.74<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.70<br>0.53<br>-13.08 | 18.79<br>0.55<br>-13.15 | 21.12<br>0.54<br>-15.48 | 25.30<br>0.57<br>-19.62 | 28.17<br>0.83<br>-19.82 | 29.14<br>0.75<br>-21.37 | 31.08<br>1.20<br>-18.39 | 34.27<br>1.21<br>-21.40 | 29.84<br>1.05<br>-18.46 | 25.92<br>1.06<br>-14.51 | 20.68<br>0.87<br>-11.07 |
| GLOBAL GREEN_PORT_GT1<br>23814         | 27.01<br>0.73<br>-21.19 | 24.29<br>0.69<br>-18.52 | 24.50<br>0.69<br>-18.73 | 20.92<br>0.65<br>-15.20 | 21.09<br>0.59<br>-15.93 | 21.16<br>0.59<br>-16.00 | 22.81<br>0.71<br>-17.02 | 18.67<br>0.70<br>-12.88 | 20.25<br>1.04<br>-12.49 | 17.70<br>0.98<br>-10.30 | 18.45<br>1.03<br>-10.26 | 18.37<br>0.74<br>-12.46 | 18.69<br>0.75<br>-12.76 | 18.92<br>0.75<br>-13.08 | 18.99<br>0.74<br>-13.15 | 21.35<br>0.77<br>-15.48 | 25.54<br>0.81<br>-19.62 | 28.62<br>1.28<br>-19.82 | 29.56<br>1.17<br>-21.37 | 31.73<br>1.84<br>-18.39 | 34.87<br>1.81<br>-21.41 | 30.38<br>1.59<br>-18.46 | 26.59<br>1.72<br>-14.52 | 21.13<br>1.31<br>-11.07 |
| GLOBE___DSASP<br>323697                | 7.23<br>-0.12<br>-2.26  | 6.83<br>-0.16<br>-1.91  | 6.65<br>-0.11<br>-1.68  | 6.54<br>-0.08<br>-1.54  | 6.19<br>-0.08<br>-1.69  | 6.14<br>-0.08<br>-1.65  | 6.75<br>-0.11<br>-1.77  | 6.71<br>-0.09<br>-1.71  | 7.88<br>-0.21<br>-1.37  | 7.46<br>-0.14<br>-1.17  | 8.13<br>-0.14<br>-1.10  | 6.51<br>-0.06<br>-1.40  | 6.55<br>-0.06<br>-1.43  | 6.43<br>-0.08<br>-1.41  | 6.25<br>-0.08<br>-1.23  | 6.63<br>-0.08<br>-1.60  | 7.14<br>-0.07<br>-2.10  | 9.91<br>-0.11<br>-2.50  | 10.00<br>-0.15<br>-3.13 | 13.74<br>-0.48<br>-2.72 | 13.93<br>-0.54<br>-2.81 | 11.97<br>-0.40<br>-2.04 | 11.64<br>-0.27<br>-1.56 | 9.98<br>-0.16<br>-1.39  |
| GOETHSLN___LBMP<br>323567              | 20.97<br>0.37<br>-15.50 | 18.55<br>0.36<br>-13.12 | 16.97<br>0.35<br>-11.54 | 15.95<br>0.34<br>-10.52 | 16.51<br>0.30<br>-11.64 | 16.22<br>0.30<br>-11.35 | 17.30<br>0.38<br>-11.84 | 17.10<br>0.41<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.44<br>0.51<br>-9.76  | 15.21<br>0.49<br>-9.62  | 14.00<br>0.50<br>-8.41  | 16.52<br>0.50<br>-10.92 | 19.91<br>0.53<br>-14.27 | 25.23<br>0.77<br>-16.93 | 28.65<br>0.67<br>-20.96 | 30.95<br>1.07<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.63<br>0.94<br>-10.34 | 18.78<br>0.79<br>-9.25  |
| GOLAH___69_KV_TB 1_2<br>80279          | 7.05<br>0.06<br>-1.90   | 6.71<br>0.02<br>-1.61   | 6.55<br>0.06<br>-1.41   | 6.45<br>0.08<br>-1.29   | 6.07<br>0.07<br>-1.42   | 6.03<br>0.07<br>-1.39   | 6.63<br>0.05<br>-1.49   | 6.61<br>0.06<br>-1.46   | 7.90<br>0.00<br>-1.17   | 7.46<br>0.03<br>-1.01   | 8.16<br>0.05<br>-0.95   | 6.42<br>0.05<br>-1.21   | 6.45<br>0.05<br>-1.23   | 6.34<br>0.04<br>-1.21   | 6.18<br>0.03<br>-1.06   | 6.52<br>0.05<br>-1.37   | 6.94<br>0.03<br>-1.80   | 9.71<br>0.06<br>-2.13   | 9.68<br>0.04<br>-2.62   | 13.73<br>-0.06<br>-2.29 | 13.96<br>-0.06<br>-2.36 | 12.05<br>0.00<br>-1.71  | 11.74<br>0.08<br>-1.30  | 10.04<br>0.13<br>-1.17  |
| GOODYEAR_LAKE_HYD<br>323669            | 8.04<br>0.24<br>-2.70   | 7.59<br>0.22<br>-2.29   | 7.32<br>0.22<br>-2.01   | 7.14<br>0.23<br>-1.83   | 6.80<br>0.20<br>-2.03   | 6.75<br>0.20<br>-1.98   | 7.38<br>0.22<br>-2.08   | 7.36<br>0.23<br>-2.03   | 8.68<br>0.32<br>-1.63   | 8.15<br>0.32<br>-1.40   | 8.82<br>0.34<br>-1.32   | 7.09<br>0.24<br>-1.68   | 7.13<br>0.25<br>-1.71   | 7.00<br>0.21<br>-1.69   | 6.79<br>0.22<br>-1.47   | 7.24<br>0.22<br>-1.91   | 7.86<br>0.25<br>-2.50   | 10.86<br>0.38<br>-2.97  | 11.03<br>0.37<br>-3.65  | 15.32<br>0.63<br>-3.19  | 15.60<br>0.65<br>-3.29  | 13.28<br>0.56<br>-2.39  | 12.71<br>0.55<br>-1.81  | 10.82<br>0.45<br>-1.62  |
| GOUDEY_115_KV_TB6_REV_LBMP_C<br>345031 | 9.56<br>0.08<br>-4.38   | 8.85<br>0.06<br>-3.71   | 8.42<br>0.08<br>-3.26   | 8.14<br>0.09<br>-2.97   | 7.94<br>0.07<br>-3.29   | 7.84<br>0.07<br>-3.21   | 8.61<br>0.08<br>-3.44   | 8.55<br>0.09<br>-3.37   | 9.53<br>0.10<br>-2.70   | 8.85<br>0.10<br>-2.32   | 9.47<br>0.11<br>-2.20   | 8.05<br>0.09<br>-2.78   | 8.11<br>0.10<br>-2.83   | 7.97<br>0.08<br>-2.79   | 7.61<br>0.08<br>-2.44   | 8.36<br>0.09<br>-3.17   | 9.35<br>0.10<br>-4.15   | 12.60<br>0.16<br>-4.92  | 13.21<br>0.14<br>-6.05  | 16.99<br>0.21<br>-5.28  | 17.31<br>0.20<br>-5.46  | 14.47<br>0.19<br>-3.96  | 13.56<br>0.21<br>-3.01  | 11.62<br>0.18<br>-2.69  |
| GOUDEY___7<br>23579                    | 9.56<br>0.09<br>-4.38   | 8.85<br>0.06<br>-3.71   | 8.42<br>0.08<br>-3.26   | 8.15<br>0.09<br>-2.97   | 7.94<br>0.08<br>-3.29   | 7.85<br>0.07<br>-3.21   | 8.61<br>0.08<br>-3.44   | 8.55<br>0.09<br>-3.37   | 9.53<br>0.10<br>-2.70   | 8.85<br>0.11<br>-2.32   | 9.48<br>0.12<br>-2.20   | 8.05<br>0.10<br>-2.78   | 8.11<br>0.10<br>-2.83   | 7.97<br>0.08<br>-2.79   | 7.62<br>0.08<br>-2.44   | 8.37<br>0.10<br>-3.17   | 9.36<br>0.10<br>-4.15   | 12.60<br>0.17<br>-4.92  | 13.21<br>0.14<br>-6.05  | 16.99<br>0.21<br>-5.28  | 17.31<br>0.20<br>-5.46  | 14.48<br>0.20<br>-3.96  | 13.56<br>0.21<br>-3.01  | 11.62<br>0.19<br>-2.69  |
| GOUDEY___8<br>23580                    | 9.56<br>0.08<br>-4.38   | 8.85<br>0.06<br>-3.71   | 8.42<br>0.08<br>-3.26   | 8.14<br>0.09<br>-2.97   | 7.94<br>0.07<br>-3.29   | 7.84<br>0.07<br>-3.21   | 8.61<br>0.08<br>-3.44   | 8.55<br>0.09<br>-3.37   | 9.53<br>0.10<br>-2.70   | 8.85<br>0.10<br>-2.32   | 9.47<br>0.11<br>-2.20   | 8.05<br>0.09<br>-2.78   | 8.11<br>0.10<br>-2.83   | 7.97<br>0.08<br>-2.79   | 7.61<br>0.08<br>-2.44   | 8.36<br>0.09<br>-3.17   | 9.35<br>0.10<br>-4.15   | 12.60<br>0.16<br>-4.92  | 13.21<br>0.14<br>-6.05  | 16.99<br>0.21<br>-5.28  | 17.31<br>0.20<br>-5.46  | 14.47<br>0.19<br>-3.96  | 13.56<br>0.21<br>-3.01  | 11.62<br>0.18<br>-2.69  |
| GOWANUS_GT1_1<br>24077                 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55  | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| GOWANUS_GT1_2<br>24078                 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55  | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |

|                        |                         |                         |                         |                         |                         |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                         |                         |                         |                        |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| GOWANUS_GT1_3<br>24079 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT1_4<br>24080 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT1_5<br>24084 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT1_6<br>24111 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT1_7<br>24112 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT1_8<br>24113 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT2_1<br>24114 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT2_2<br>24115 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT2_3<br>24116 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT2_4<br>24117 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT2_5<br>24118 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT2_6<br>24119 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT2_7<br>24120 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT2_8<br>24121 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT3_1<br>24122 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |

|                        |                         |                         |                         |                         |                         |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                         |                         |                         |                        |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| GOWANUS_GT3_2<br>24123 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT3_3<br>24124 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT3_4<br>24125 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT3_5<br>24126 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT3_6<br>24127 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT3_7<br>24128 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT3_8<br>24129 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT4_1<br>24130 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT4_2<br>24131 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT4_3<br>24132 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT4_4<br>24133 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT4_5<br>24134 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT4_6<br>24135 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT4_7<br>24136 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |
| GOWANUS_GT4_8<br>24137 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30 | 15.02<br>0.61<br>-7.99 | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57 | 15.46<br>0.52<br>-9.76 | 15.23<br>0.50<br>-9.63 | 14.03<br>0.53<br>-8.41 | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26 |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GREENBSH_115KV_TB3<br>55895               | 24.50<br>0.08<br>-19.33 | 21.51<br>0.08<br>-16.35 | 19.56<br>0.10<br>-14.38 | 18.34<br>0.14<br>-13.12 | 19.21<br>0.12<br>-14.51 | 18.84<br>0.12<br>-14.15 | 20.24<br>0.16<br>-14.99 | 19.94<br>0.17<br>-14.68 | 18.71<br>0.21<br>-11.77 | 16.73<br>0.20<br>-10.11 | 16.94<br>0.22<br>-9.56  | 17.44<br>0.16<br>-12.11 | 17.67<br>0.16<br>-12.34 | 17.42<br>0.16<br>-12.17 | 15.87<br>0.15<br>-10.62 | 19.06<br>0.15<br>-13.80 | 23.30<br>0.14<br>-18.04 | 29.12<br>0.19<br>-21.41 | 33.25<br>0.18<br>-26.05 | 34.39<br>0.29<br>-22.60 | 35.18<br>0.28<br>-23.25 | 27.82<br>0.27<br>-17.22 | 23.73<br>0.30<br>-13.08 | 20.69<br>0.24<br>-11.71 |
| GREENDGE_115KV_TB5<br>80291               | 7.99<br>0.08<br>-2.82   | 7.51<br>0.04<br>-2.39   | 7.25<br>0.07<br>-2.10   | 7.09<br>0.09<br>-1.92   | 6.77<br>0.07<br>-2.12   | 6.71<br>0.07<br>-2.07   | 7.38<br>0.08<br>-2.22   | 7.37<br>0.10<br>-2.17   | 8.56<br>0.09<br>-1.74   | 8.02<br>0.10<br>-1.50   | 8.69<br>0.11<br>-1.42   | 7.06<br>0.10<br>-1.79   | 7.10<br>0.09<br>-1.83   | 6.96<br>0.07<br>-1.80   | 6.74<br>0.07<br>-1.57   | 7.24<br>0.09<br>-2.04   | 7.88<br>0.09<br>-2.67   | 10.86<br>0.17<br>-3.17  | 11.06<br>0.14<br>-3.90  | 15.10<br>0.20<br>-3.40  | 15.36<br>0.19<br>-3.52  | 13.07<br>0.19<br>-2.55  | 12.49<br>0.20<br>-1.94  | 10.68<br>0.20<br>-1.73  |
| GREENIDGE___3<br>23582                    | 7.99<br>0.08<br>-2.82   | 7.51<br>0.04<br>-2.39   | 7.25<br>0.07<br>-2.10   | 7.09<br>0.09<br>-1.92   | 6.77<br>0.07<br>-2.12   | 6.71<br>0.07<br>-2.07   | 7.38<br>0.08<br>-2.22   | 7.37<br>0.10<br>-2.17   | 8.56<br>0.09<br>-1.74   | 8.02<br>0.10<br>-1.50   | 8.69<br>0.11<br>-1.42   | 7.06<br>0.10<br>-1.79   | 7.10<br>0.09<br>-1.83   | 6.96<br>0.07<br>-1.80   | 6.74<br>0.07<br>-1.57   | 7.24<br>0.09<br>-2.04   | 7.88<br>0.09<br>-2.67   | 10.86<br>0.17<br>-3.17  | 11.06<br>0.14<br>-3.90  | 15.10<br>0.20<br>-3.40  | 15.36<br>0.19<br>-3.52  | 13.07<br>0.19<br>-2.55  | 12.49<br>0.20<br>-1.94  | 10.68<br>0.20<br>-1.73  |
| GREENIDGE___4<br>23583                    | 7.98<br>0.07<br>-2.82   | 7.51<br>0.04<br>-2.39   | 7.25<br>0.07<br>-2.10   | 7.08<br>0.09<br>-1.92   | 6.77<br>0.07<br>-2.12   | 6.71<br>0.07<br>-2.07   | 7.38<br>0.08<br>-2.22   | 7.37<br>0.11<br>-2.17   | 8.55<br>0.08<br>-1.74   | 8.02<br>0.10<br>-1.50   | 8.69<br>0.11<br>-1.42   | 7.06<br>0.09<br>-1.79   | 7.10<br>0.09<br>-1.83   | 6.96<br>0.07<br>-1.80   | 6.74<br>0.07<br>-1.57   | 7.23<br>0.08<br>-2.04   | 7.88<br>0.09<br>-2.67   | 10.85<br>0.17<br>-3.17  | 11.06<br>0.14<br>-3.90  | 15.10<br>0.20<br>-3.40  | 15.36<br>0.19<br>-3.52  | 13.07<br>0.19<br>-2.55  | 12.50<br>0.21<br>-1.94  | 10.68<br>0.20<br>-1.73  |
| GREENLWN_69_KV_BK 3<br>55738              | 26.79<br>0.51<br>-21.19 | 24.10<br>0.49<br>-18.52 | 24.30<br>0.48<br>-18.73 | 20.75<br>0.47<br>-15.20 | 20.92<br>0.42<br>-15.93 | 20.98<br>0.42<br>-16.00 | 22.62<br>0.51<br>-17.02 | 18.49<br>0.52<br>-12.88 | 19.97<br>0.76<br>-12.49 | 17.46<br>0.73<br>-10.30 | 18.22<br>0.80<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.75<br>0.57<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.17<br>0.59<br>-15.48 | 25.35<br>0.61<br>-19.62 | 28.23<br>0.90<br>-19.81 | 29.21<br>0.82<br>-21.36 | 31.17<br>1.29<br>-18.38 | 34.36<br>1.31<br>-21.40 | 29.92<br>1.14<br>-18.45 | 26.04<br>1.18<br>-14.51 | 20.78<br>0.96<br>-11.07 |
| GREENWD_138_KV_38B11_REV_LBMP_J<br>345004 | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55  | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.52<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.02<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| GRISSOM___SOLAR<br>323813                 | 28.48<br>0.46<br>-22.93 | 24.91<br>0.43<br>-19.40 | 22.57<br>0.42<br>-17.06 | 21.11<br>0.47<br>-15.56 | 22.25<br>0.46<br>-17.21 | 21.82<br>0.47<br>-16.78 | 23.57<br>0.44<br>-18.04 | 23.24<br>0.47<br>-17.67 | 21.49<br>0.58<br>-14.18 | 19.13<br>0.53<br>-12.17 | 19.22<br>0.55<br>-11.51 | 20.16<br>0.41<br>-14.58 | 20.43<br>0.40<br>-14.85 | 20.12<br>0.38<br>-14.65 | 18.23<br>0.34<br>-12.79 | 22.08<br>0.36<br>-16.62 | 27.25<br>0.41<br>-21.73 | 34.01<br>0.71<br>-25.78 | 39.25<br>0.71<br>-31.52 | 40.17<br>1.23<br>-27.44 | 41.20<br>1.27<br>-28.28 | 32.19<br>1.12<br>-20.74 | 27.18<br>1.08<br>-15.75 | 23.76<br>0.91<br>-14.11 |
| GROVEVILLE___HYD<br>323602                | 20.94<br>0.37<br>-15.47 | 18.52<br>0.35<br>-13.09 | 16.95<br>0.35<br>-11.51 | 15.91<br>0.33<br>-10.50 | 16.48<br>0.29<br>-11.62 | 16.18<br>0.29<br>-11.33 | 17.28<br>0.37<br>-11.82 | 17.05<br>0.38<br>-11.58 | 16.54<br>0.53<br>-9.29  | 14.92<br>0.53<br>-7.97  | 15.28<br>0.59<br>-7.54  | 15.15<br>0.43<br>-9.55  | 15.34<br>0.43<br>-9.73  | 15.10<br>0.41<br>-9.59  | 13.90<br>0.43<br>-8.38  | 16.42<br>0.43<br>-10.89 | 19.81<br>0.47<br>-14.23 | 25.10<br>0.69<br>-16.89 | 28.54<br>0.64<br>-20.88 | 30.79<br>1.00<br>-18.29 | 31.58<br>0.99<br>-18.94 | 24.81<br>0.90<br>-13.58 | 21.54<br>0.87<br>-10.32 | 18.69<br>0.71<br>-9.24  |
| GRS_LOCK_115KV_LINE_2_SOLVAY<br>80269     | 6.69<br>-0.03<br>-1.62  | 6.42<br>-0.04<br>-1.37  | 6.27<br>-0.03<br>-1.21  | 6.16<br>-0.03<br>-1.10  | 5.77<br>-0.03<br>-1.22  | 5.73<br>-0.03<br>-1.19  | 6.33<br>-0.03<br>-1.28  | 6.32<br>-0.02<br>-1.25  | 7.69<br>-0.04<br>-1.00  | 7.26<br>-0.03<br>-0.86  | 7.95<br>-0.02<br>-0.81  | 6.19<br>-0.02<br>-1.03  | 6.21<br>-0.02<br>-1.05  | 6.10<br>-0.03<br>-1.04  | 5.97<br>-0.03<br>-0.91  | 6.26<br>-0.02<br>-1.18  | 6.64<br>-0.02<br>-1.54  | 9.34<br>0.00<br>-1.82   | 9.24<br>-0.02<br>-2.24  | 13.42<br>-0.03<br>-1.96 | 13.64<br>-0.03<br>-2.02 | 11.77<br>-0.03<br>-1.47 | 11.45<br>-0.02<br>-1.11 | 9.74<br>0.00<br>-1.00   |
| HAMLTNNY_34_KV_TB<br>80303                | 6.80<br>-0.01<br>-1.71  | 6.51<br>-0.02<br>-1.45  | 6.35<br>-0.01<br>-1.27  | 6.23<br>-0.01<br>-1.16  | 5.84<br>-0.02<br>-1.29  | 5.80<br>-0.02<br>-1.25  | 6.42<br>-0.02<br>-1.35  | 6.40<br>-0.01<br>-1.32  | 7.78<br>-0.01<br>-1.06  | 7.33<br>0.00<br>-0.91   | 8.02<br>0.01<br>-0.86   | 6.27<br>0.01<br>-1.09   | 6.29<br>0.01<br>-1.11   | 6.18<br>-0.01<br>-1.09  | 6.04<br>-0.01<br>-0.95  | 6.35<br>0.01<br>-1.24   | 6.74<br>0.01<br>-1.62   | 9.47<br>0.03<br>-1.92   | 9.40<br>0.01<br>-2.36   | 13.56<br>0.00<br>-2.06  | 13.79<br>0.00<br>-2.13  | 11.89<br>0.01<br>-1.55  | 11.55<br>0.02<br>-1.17  | 9.81<br>0.02<br>-1.05   |
| HAMPSHIRE___PAPER_HYD<br>323593           | 5.35<br>-0.19<br>-0.45  | 5.28<br>-0.18<br>-0.38  | 5.27<br>-0.15<br>-0.33  | 5.23<br>-0.16<br>-0.30  | 4.77<br>-0.14<br>-0.33  | 4.76<br>-0.14<br>-0.33  | 5.26<br>-0.18<br>-0.35  | 5.26<br>-0.18<br>-0.34  | 6.75<br>-0.25<br>-0.28  | 6.40<br>-0.26<br>-0.24  | 7.07<br>-0.31<br>-0.22  | 5.22<br>-0.23<br>-0.28  | 5.22<br>-0.24<br>-0.29  | 5.14<br>-0.24<br>-0.28  | 5.08<br>-0.27<br>-0.25  | 5.18<br>-0.24<br>-0.32  | 5.29<br>-0.24<br>-0.42  | 7.67<br>-0.35<br>-0.50  | 7.35<br>-0.29<br>-0.62  | 11.66<br>-0.38<br>-0.54 | 11.85<br>-0.36<br>-0.56 | 10.40<br>-0.33<br>-0.40 | 10.31<br>-0.35<br>-0.31 | 8.73<br>-0.29<br>-0.27  |
| HARDSCRABBLE_WT_PWR<br>323673             | 5.00<br>-0.10<br>0.00   | 5.00<br>-0.08<br>0.00   | 5.02<br>-0.07<br>0.00   | 5.02<br>-0.07<br>0.00   | 4.51<br>-0.06<br>0.00   | 4.51<br>-0.06<br>0.00   | 5.01<br>-0.08<br>0.00   | 5.03<br>-0.07<br>0.00   | 6.63<br>-0.10<br>0.00   | 6.31<br>-0.11<br>0.00   | 7.03<br>-0.13<br>0.00   | 5.06<br>-0.11<br>0.00   | 5.06<br>-0.11<br>0.00   | 4.95<br>-0.14<br>0.00   | 4.95<br>-0.15<br>0.00   | 4.95<br>-0.15<br>0.00   | 4.96<br>-0.15<br>0.00   | 7.30<br>-0.22<br>0.00   | 6.83<br>-0.19<br>0.00   | 11.22<br>-0.28<br>0.00  | 11.39<br>-0.27<br>0.00  | 10.13<br>-0.20<br>0.00  | 10.17<br>-0.19<br>0.00  | 8.64<br>-0.10<br>0.00   |
| HARRIMAN_69_KV_BK771_REV_LBMP_G<br>345025 | 19.80<br>0.35<br>-14.36 | 17.56<br>0.33<br>-12.14 | 16.09<br>0.33<br>-10.68 | 15.15<br>0.32<br>-9.74  | 15.63<br>0.28<br>-10.78 | 15.35<br>0.28<br>-10.51 | 16.42<br>0.35<br>-10.98 | 16.21<br>0.37<br>-10.75 | 15.86<br>0.51<br>-8.62  | 14.34<br>0.51<br>-7.40  | 14.72<br>0.57<br>-7.00  | 14.45<br>0.41<br>-8.87  | 14.64<br>0.42<br>-9.04  | 14.41<br>0.40<br>-8.91  | 13.30<br>0.42<br>-7.78  | 15.63<br>0.42<br>-10.11 | 18.78<br>0.46<br>-13.22 | 23.87<br>0.67<br>-15.68 | 27.05<br>0.61<br>-19.42 | 29.49<br>0.95<br>-17.03 | 30.26<br>0.96<br>-17.65 | 23.79<br>0.85<br>-12.62 | 20.76<br>0.83<br>-9.58  | 18.01<br>0.69<br>-8.58  |
| HARSNRAD_115KV_TB1<br>81005               | 7.33<br>0.01<br>-2.23   | 6.91<br>-0.06<br>-1.89  | 6.73<br>-0.02<br>-1.66  | 6.62<br>0.02<br>-1.51   | 6.26<br>0.01<br>-1.67   | 6.21<br>0.01<br>-1.63   | 6.82<br>-0.02<br>-1.75  | 6.79<br>-0.02<br>-1.71  | 8.03<br>-0.07<br>-1.37  | 7.57<br>-0.03<br>-1.18  | 8.24<br>-0.03<br>-1.12  | 6.60<br>0.02<br>-1.41   | 6.63<br>0.02<br>-1.44   | 6.52<br>0.00<br>-1.42   | 6.33<br>-0.01<br>-1.24  | 6.73<br>0.02<br>-1.61   | 7.22<br>0.01<br>-2.11   | 10.04<br>0.02<br>-2.50  | 10.08<br>-0.02<br>-3.08 | 13.95<br>-0.24<br>-2.69 | 14.13<br>-0.30<br>-2.78 | 12.16<br>-0.19<br>-2.01 | 11.81<br>-0.07<br>-1.53 | 10.12<br>0.01<br>-1.37  |
| HARZA MOOSE___RIVER<br>24016              | 5.66<br>0.00<br>-0.57   | 5.55<br>-0.01<br>-0.48  | 5.51<br>0.00<br>-0.42   | 5.48<br>0.02<br>-0.39   | 5.01<br>0.01<br>-0.43   | 4.99<br>0.00<br>-0.42   | 5.51<br>-0.02<br>-0.45  | 5.53<br>0.00<br>-0.44   | 7.05<br>-0.03<br>-0.35  | 6.69<br>-0.03<br>-0.30  | 7.39<br>-0.06<br>-0.29  | 5.49<br>-0.05<br>-0.36  | 5.50<br>-0.05<br>-0.37  | 5.40<br>-0.06<br>-0.36  | 5.32<br>-0.09<br>-0.32  | 5.45<br>-0.06<br>-0.41  | 5.61<br>-0.05<br>-0.54  | 8.11<br>-0.05<br>-0.64  | 7.79<br>-0.01<br>-0.79  | 12.23<br>0.05<br>-0.69  | 12.43<br>0.07<br>-0.71  | 10.89<br>0.04<br>-0.51  | 10.77<br>0.03<br>-0.39  | 9.14<br>0.05<br>-0.35   |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HDSNBRDG_115KV_BRDG_TB1<br>355580            | 6.53<br>-0.05<br>-1.48  | 6.28<br>-0.06<br>-1.26  | 6.14<br>-0.05<br>-1.10  | 6.04<br>-0.05<br>-1.01  | 5.64<br>-0.05<br>-1.11  | 5.60<br>-0.05<br>-1.09  | 6.20<br>-0.06<br>-1.17  | 6.19<br>-0.05<br>-1.14  | 7.58<br>-0.07<br>-0.92  | 7.15<br>-0.06<br>-0.79  | 7.85<br>-0.05<br>-0.74  | 6.08<br>-0.04<br>-0.94  | 6.11<br>-0.03<br>-0.96  | 5.99<br>-0.05<br>-0.95  | 5.87<br>-0.05<br>-0.83  | 6.14<br>-0.04<br>-1.07  | 6.48<br>-0.04<br>-1.41  | 9.16<br>-0.03<br>-1.67  | 9.03<br>-0.04<br>-2.05  | 13.20<br>-0.09<br>-1.79 | 13.42<br>-0.08<br>-1.85 | 11.60<br>-0.07<br>-1.34 | 11.31<br>-0.06<br>-1.02 | 9.61<br>-0.04<br>-0.91  |
| HELLGATE_13_KV_LD<br>55870                   | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.63  | 14.02<br>0.51<br>-8.41  | 16.54<br>0.52<br>-10.92 | 19.93<br>0.54<br>-14.28 | 25.26<br>0.80<br>-16.94 | 28.70<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.93<br>0.99<br>-13.61 | 21.67<br>0.98<br>-10.34 | 18.84<br>0.84<br>-9.26  |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J<br>345018 | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.63  | 14.02<br>0.51<br>-8.41  | 16.54<br>0.52<br>-10.92 | 19.93<br>0.54<br>-14.28 | 25.26<br>0.80<br>-16.94 | 28.70<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.93<br>0.99<br>-13.61 | 21.67<br>0.98<br>-10.34 | 18.84<br>0.84<br>-9.26  |
| HEMPSTEAD____<br>23647                       | 26.73<br>0.45<br>-21.19 | 24.04<br>0.44<br>-18.52 | 24.25<br>0.43<br>-18.73 | 20.69<br>0.42<br>-15.20 | 20.88<br>0.37<br>-15.93 | 20.93<br>0.37<br>-16.00 | 22.57<br>0.46<br>-17.02 | 18.44<br>0.47<br>-12.88 | 19.91<br>0.69<br>-12.49 | 17.40<br>0.67<br>-10.30 | 18.16<br>0.74<br>-10.26 | 18.16<br>0.53<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.70<br>0.53<br>-13.08 | 18.79<br>0.54<br>-13.15 | 21.12<br>0.54<br>-15.48 | 25.29<br>0.56<br>-19.62 | 28.16<br>0.83<br>-19.82 | 29.13<br>0.74<br>-21.37 | 31.06<br>1.17<br>-18.39 | 34.25<br>1.19<br>-21.40 | 29.83<br>1.04<br>-18.46 | 25.93<br>1.07<br>-14.51 | 20.69<br>0.87<br>-11.07 |
| HEWLETT__69_KV_BK3<br>55828                  | 26.79<br>0.50<br>-21.19 | 24.09<br>0.48<br>-18.52 | 24.29<br>0.48<br>-18.73 | 20.75<br>0.47<br>-15.20 | 20.93<br>0.42<br>-15.93 | 20.98<br>0.42<br>-16.00 | 22.60<br>0.50<br>-17.02 | 18.49<br>0.52<br>-12.88 | 19.95<br>0.74<br>-12.49 | 17.45<br>0.73<br>-10.30 | 18.22<br>0.80<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.75<br>0.57<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.16<br>0.58<br>-15.48 | 25.34<br>0.60<br>-19.62 | 28.19<br>0.85<br>-19.82 | 29.15<br>0.77<br>-21.37 | 31.10<br>1.21<br>-18.39 | 34.29<br>1.24<br>-21.40 | 29.93<br>1.14<br>-18.46 | 26.02<br>1.15<br>-14.51 | 20.79<br>0.97<br>-11.07 |
| HICKLING__1<br>23621                         | 8.76<br>0.14<br>-3.52   | 8.16<br>0.10<br>-2.98   | 7.84<br>0.13<br>-2.62   | 7.61<br>0.14<br>-2.39   | 7.34<br>0.12<br>-2.64   | 7.26<br>0.11<br>-2.58   | 7.99<br>0.13<br>-2.77   | 7.94<br>0.14<br>-2.71   | 9.07<br>0.17<br>-2.17   | 8.46<br>0.17<br>-1.87   | 9.12<br>0.20<br>-1.77   | 7.57<br>0.17<br>-2.24   | 7.62<br>0.17<br>-2.28   | 7.48<br>0.14<br>-2.25   | 7.20<br>0.14<br>-1.96   | 7.82<br>0.17<br>-2.55   | 8.61<br>0.16<br>-3.33   | 11.74<br>0.27<br>-3.95  | 12.11<br>0.23<br>-4.86  | 16.07<br>0.32<br>-4.25  | 16.34<br>0.30<br>-4.39  | 13.81<br>0.30<br>-3.18  | 13.10<br>0.33<br>-2.42  | 11.19<br>0.29<br>-2.16  |
| HICKLING__2<br>23622                         | 8.76<br>0.14<br>-3.52   | 8.16<br>0.10<br>-2.98   | 7.84<br>0.13<br>-2.62   | 7.61<br>0.14<br>-2.39   | 7.34<br>0.12<br>-2.64   | 7.26<br>0.11<br>-2.58   | 7.99<br>0.13<br>-2.77   | 7.94<br>0.14<br>-2.71   | 9.07<br>0.17<br>-2.17   | 8.46<br>0.17<br>-1.87   | 9.12<br>0.20<br>-1.77   | 7.57<br>0.17<br>-2.24   | 7.62<br>0.17<br>-2.28   | 7.48<br>0.14<br>-2.25   | 7.20<br>0.14<br>-1.96   | 7.82<br>0.17<br>-2.55   | 8.61<br>0.16<br>-3.33   | 11.74<br>0.27<br>-3.95  | 12.11<br>0.23<br>-4.86  | 16.07<br>0.32<br>-4.25  | 16.34<br>0.30<br>-4.39  | 13.81<br>0.30<br>-3.18  | 13.10<br>0.33<br>-2.42  | 11.19<br>0.29<br>-2.16  |
| HIGH FALLS__HY<br>23754                      | 20.18<br>0.39<br>-14.70 | 17.87<br>0.36<br>-12.44 | 16.37<br>0.35<br>-10.94 | 15.40<br>0.34<br>-9.98  | 15.91<br>0.30<br>-11.04 | 15.62<br>0.29<br>-10.76 | 16.74<br>0.36<br>-11.29 | 16.55<br>0.40<br>-11.06 | 16.12<br>0.52<br>-8.87  | 14.55<br>0.51<br>-7.62  | 14.93<br>0.57<br>-7.20  | 14.71<br>0.41<br>-9.13  | 14.90<br>0.42<br>-9.30  | 14.66<br>0.39<br>-9.17  | 13.52<br>0.42<br>-8.00  | 15.93<br>0.42<br>-10.40 | 19.19<br>0.48<br>-13.60 | 24.38<br>0.72<br>-16.13 | 27.59<br>0.67<br>-19.90 | 29.97<br>1.06<br>-17.41 | 30.71<br>1.05<br>-18.01 | 24.25<br>0.94<br>-12.98 | 21.09<br>0.88<br>-9.86  | 18.34<br>0.77<br>-8.83  |
| HILLBURN__GT<br>23639                        | 20.09<br>0.35<br>-14.65 | 17.81<br>0.33<br>-12.39 | 16.31<br>0.33<br>-10.90 | 15.36<br>0.33<br>-9.94  | 15.87<br>0.29<br>-11.00 | 15.58<br>0.29<br>-10.72 | 16.64<br>0.35<br>-11.20 | 16.44<br>0.38<br>-10.97 | 16.05<br>0.53<br>-8.80  | 14.50<br>0.52<br>-7.55  | 14.89<br>0.59<br>-7.14  | 14.65<br>0.43<br>-9.05  | 14.84<br>0.45<br>-9.22  | 14.61<br>0.42<br>-9.09  | 13.47<br>0.44<br>-7.94  | 15.85<br>0.43<br>-10.32 | 19.06<br>0.47<br>-13.49 | 24.20<br>0.68<br>-16.00 | 27.45<br>0.61<br>-19.82 | 29.85<br>0.97<br>-17.38 | 30.63<br>0.97<br>-18.01 | 24.05<br>0.85<br>-12.87 | 20.97<br>0.84<br>-9.78  | 18.21<br>0.72<br>-8.75  |
| HILLSIDE_115KV_TB1<br>80332                  | 8.79<br>0.06<br>-3.63   | 8.18<br>0.03<br>-3.07   | 7.84<br>0.05<br>-2.70   | 7.62<br>0.08<br>-2.47   | 7.36<br>0.06<br>-2.73   | 7.28<br>0.05<br>-2.66   | 7.99<br>0.05<br>-2.86   | 7.96<br>0.07<br>-2.80   | 9.04<br>0.07<br>-2.24   | 8.43<br>0.08<br>-1.93   | 9.07<br>0.09<br>-1.82   | 7.56<br>0.08<br>-2.31   | 7.62<br>0.09<br>-2.35   | 7.48<br>0.06<br>-2.32   | 7.19<br>0.07<br>-2.02   | 7.82<br>0.09<br>-2.63   | 8.64<br>0.09<br>-3.44   | 11.74<br>0.14<br>-4.08  | 12.15<br>0.11<br>-5.02  | 16.02<br>0.14<br>-4.38  | 16.30<br>0.12<br>-4.53  | 13.74<br>0.12<br>-3.28  | 13.00<br>0.16<br>-2.49  | 11.14<br>0.17<br>-2.23  |
| HISHELDN_WT_PWR<br>323625                    | 7.69<br>0.01<br>-2.59   | 7.23<br>-0.04<br>-2.19  | 7.02<br>0.01<br>-1.93   | 6.88<br>0.04<br>-1.76   | 6.54<br>0.02<br>-1.95   | 6.49<br>0.03<br>-1.90   | 7.15<br>0.03<br>-2.04   | 7.13<br>0.04<br>-1.99   | 8.31<br>-0.02<br>-1.60  | 7.83<br>0.03<br>-1.37   | 8.50<br>0.04<br>-1.30   | 6.88<br>0.07<br>-1.64   | 6.92<br>0.07<br>-1.68   | 6.80<br>0.05<br>-1.65   | 6.58<br>0.04<br>-1.44   | 7.03<br>0.05<br>-1.87   | 7.62<br>0.06<br>-2.45   | 10.52<br>0.09<br>-2.91  | 10.66<br>0.06<br>-3.58  | 14.57<br>-0.06<br>-3.12 | 14.78<br>-0.11<br>-3.23 | 12.65<br>-0.02<br>-2.34 | 12.20<br>0.07<br>-1.78  | 10.45<br>0.11<br>-1.59  |
| HOLTSVILLE_IC_1<br>23690                     | 26.82<br>0.54<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.78<br>0.50<br>-15.20 | 20.95<br>0.45<br>-15.93 | 21.01<br>0.45<br>-16.00 | 22.66<br>0.55<br>-17.02 | 18.51<br>0.54<br>-12.88 | 20.03<br>0.81<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.23<br>0.82<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.76<br>0.59<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.18<br>0.60<br>-15.48 | 25.36<br>0.62<br>-19.62 | 28.29<br>0.95<br>-19.82 | 29.26<br>0.86<br>-21.37 | 31.25<br>1.36<br>-18.39 | 34.39<br>1.33<br>-21.41 | 29.96<br>1.17<br>-18.46 | 26.16<br>1.28<br>-14.52 | 20.82<br>1.00<br>-11.07 |
| HOLTSVILLE_IC_10<br>23699                    | 26.86<br>0.58<br>-21.19 | 24.15<br>0.55<br>-18.52 | 24.37<br>0.55<br>-18.73 | 20.80<br>0.52<br>-15.20 | 20.97<br>0.47<br>-15.93 | 21.03<br>0.47<br>-16.00 | 22.69<br>0.58<br>-17.02 | 18.53<br>0.56<br>-12.88 | 20.07<br>0.85<br>-12.49 | 17.53<br>0.80<br>-10.30 | 18.28<br>0.86<br>-10.26 | 18.24<br>0.61<br>-12.46 | 18.56<br>0.63<br>-12.76 | 18.79<br>0.62<br>-13.08 | 18.87<br>0.62<br>-13.15 | 21.21<br>0.63<br>-15.48 | 25.40<br>0.66<br>-19.62 | 28.36<br>1.01<br>-19.82 | 29.32<br>0.93<br>-21.37 | 31.34<br>1.45<br>-18.39 | 34.49<br>1.42<br>-21.41 | 30.05<br>1.26<br>-18.46 | 26.24<br>1.37<br>-14.53 | 20.86<br>1.05<br>-11.07 |
| HOLTSVILLE_IC_2<br>23691                     | 26.82<br>0.54<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.78<br>0.50<br>-15.20 | 20.95<br>0.45<br>-15.93 | 21.01<br>0.45<br>-16.00 | 22.66<br>0.55<br>-17.02 | 18.51<br>0.54<br>-12.88 | 20.03<br>0.81<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.23<br>0.82<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.76<br>0.59<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.18<br>0.60<br>-15.48 | 25.36<br>0.62<br>-19.62 | 28.29<br>0.95<br>-19.82 | 29.26<br>0.86<br>-21.37 | 31.25<br>1.36<br>-18.39 | 34.39<br>1.33<br>-21.41 | 29.96<br>1.17<br>-18.46 | 26.16<br>1.28<br>-14.52 | 20.82<br>1.00<br>-11.07 |
| HOLTSVILLE_IC_3<br>23692                     | 26.82<br>0.54<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.78<br>0.50<br>-15.20 | 20.95<br>0.45<br>-15.93 | 21.01<br>0.45<br>-16.00 | 22.66<br>0.55<br>-17.02 | 18.51<br>0.54<br>-12.88 | 20.03<br>0.81<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.23<br>0.82<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.76<br>0.59<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.18<br>0.60<br>-15.48 | 25.36<br>0.62<br>-19.62 | 28.29<br>0.95<br>-19.82 | 29.26<br>0.86<br>-21.37 | 31.25<br>1.36<br>-18.39 | 34.39<br>1.33<br>-21.41 | 29.96<br>1.17<br>-18.46 | 26.16<br>1.28<br>-14.52 | 20.82<br>1.00<br>-11.07 |

|                               |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HOLTSVILLE_IC_4<br>23693      | 26.82<br>0.54<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.78<br>0.50<br>-15.20 | 20.95<br>0.45<br>-15.93 | 21.01<br>0.45<br>-16.00 | 22.66<br>0.55<br>-17.02 | 18.51<br>0.54<br>-12.88 | 20.03<br>0.81<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.23<br>0.82<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.76<br>0.59<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.18<br>0.60<br>-15.48 | 25.36<br>0.62<br>-19.62 | 28.29<br>0.95<br>-19.82 | 29.26<br>0.86<br>-21.37 | 31.25<br>1.36<br>-18.39 | 34.39<br>1.33<br>-21.41 | 29.96<br>1.17<br>-18.46 | 26.16<br>1.28<br>-14.52 | 20.82<br>1.00<br>-11.07 |
| HOLTSVILLE_IC_5<br>23694      | 26.82<br>0.54<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.78<br>0.50<br>-15.20 | 20.95<br>0.45<br>-15.93 | 21.01<br>0.45<br>-16.00 | 22.66<br>0.55<br>-17.02 | 18.51<br>0.54<br>-12.88 | 20.03<br>0.81<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.23<br>0.82<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.76<br>0.59<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.18<br>0.60<br>-15.48 | 25.36<br>0.62<br>-19.62 | 28.29<br>0.95<br>-19.82 | 29.26<br>0.86<br>-21.37 | 31.25<br>1.36<br>-18.39 | 34.39<br>1.33<br>-21.41 | 29.96<br>1.17<br>-18.46 | 26.16<br>1.28<br>-14.52 | 20.82<br>1.00<br>-11.07 |
| HOLTSVILLE_IC_6<br>23695      | 26.86<br>0.58<br>-21.19 | 24.15<br>0.55<br>-18.52 | 24.37<br>0.55<br>-18.73 | 20.80<br>0.52<br>-15.20 | 20.97<br>0.47<br>-15.93 | 21.03<br>0.47<br>-16.00 | 22.69<br>0.58<br>-17.02 | 18.53<br>0.56<br>-12.88 | 20.07<br>0.85<br>-12.49 | 17.53<br>0.80<br>-10.30 | 18.28<br>0.86<br>-10.26 | 18.24<br>0.61<br>-12.46 | 18.56<br>0.63<br>-12.76 | 18.79<br>0.62<br>-13.08 | 18.87<br>0.62<br>-13.15 | 21.21<br>0.63<br>-15.48 | 25.40<br>0.66<br>-19.62 | 28.36<br>1.01<br>-19.82 | 29.32<br>0.93<br>-21.37 | 31.34<br>1.45<br>-18.39 | 34.49<br>1.42<br>-21.41 | 30.05<br>1.26<br>-18.46 | 26.24<br>1.37<br>-14.53 | 20.86<br>1.05<br>-11.07 |
| HOLTSVILLE_IC_7<br>23696      | 26.86<br>0.58<br>-21.19 | 24.15<br>0.55<br>-18.52 | 24.37<br>0.55<br>-18.73 | 20.80<br>0.52<br>-15.20 | 20.97<br>0.47<br>-15.93 | 21.03<br>0.47<br>-16.00 | 22.69<br>0.58<br>-17.02 | 18.53<br>0.56<br>-12.88 | 20.07<br>0.85<br>-12.49 | 17.53<br>0.80<br>-10.30 | 18.28<br>0.86<br>-10.26 | 18.24<br>0.61<br>-12.46 | 18.56<br>0.63<br>-12.76 | 18.79<br>0.62<br>-13.08 | 18.87<br>0.62<br>-13.15 | 21.21<br>0.63<br>-15.48 | 25.40<br>0.66<br>-19.62 | 28.36<br>1.01<br>-19.82 | 29.32<br>0.93<br>-21.37 | 31.34<br>1.45<br>-18.39 | 34.49<br>1.42<br>-21.41 | 30.05<br>1.26<br>-18.46 | 26.24<br>1.37<br>-14.53 | 20.86<br>1.05<br>-11.07 |
| HOLTSVILLE_IC_8<br>23697      | 26.86<br>0.58<br>-21.19 | 24.15<br>0.55<br>-18.52 | 24.37<br>0.55<br>-18.73 | 20.80<br>0.52<br>-15.20 | 20.97<br>0.47<br>-15.93 | 21.03<br>0.47<br>-16.00 | 22.69<br>0.58<br>-17.02 | 18.53<br>0.56<br>-12.88 | 20.07<br>0.85<br>-12.49 | 17.53<br>0.80<br>-10.30 | 18.28<br>0.86<br>-10.26 | 18.24<br>0.61<br>-12.46 | 18.56<br>0.63<br>-12.76 | 18.79<br>0.62<br>-13.08 | 18.87<br>0.62<br>-13.15 | 21.21<br>0.63<br>-15.48 | 25.40<br>0.66<br>-19.62 | 28.36<br>1.01<br>-19.82 | 29.32<br>0.93<br>-21.37 | 31.34<br>1.45<br>-18.39 | 34.49<br>1.42<br>-21.41 | 30.05<br>1.26<br>-18.46 | 26.24<br>1.37<br>-14.53 | 20.86<br>1.05<br>-11.07 |
| HOLTSVILLE_IC_9<br>23698      | 26.86<br>0.58<br>-21.19 | 24.15<br>0.55<br>-18.52 | 24.37<br>0.55<br>-18.73 | 20.80<br>0.52<br>-15.20 | 20.97<br>0.47<br>-15.93 | 21.03<br>0.47<br>-16.00 | 22.69<br>0.58<br>-17.02 | 18.53<br>0.56<br>-12.88 | 20.07<br>0.85<br>-12.49 | 17.53<br>0.80<br>-10.30 | 18.28<br>0.86<br>-10.26 | 18.24<br>0.61<br>-12.46 | 18.56<br>0.63<br>-12.76 | 18.79<br>0.62<br>-13.08 | 18.87<br>0.62<br>-13.15 | 21.21<br>0.63<br>-15.48 | 25.40<br>0.66<br>-19.62 | 28.36<br>1.01<br>-19.82 | 29.32<br>0.93<br>-21.37 | 31.34<br>1.45<br>-18.39 | 34.49<br>1.42<br>-21.41 | 30.05<br>1.26<br>-18.46 | 26.24<br>1.37<br>-14.53 | 20.86<br>1.05<br>-11.07 |
| HOMER_HL_115KV_TB2<br>355744  | 7.82<br>-0.01<br>-2.73  | 7.33<br>-0.06<br>-2.31  | 7.09<br>-0.03<br>-2.03  | 6.94<br>0.00<br>-1.86   | 6.62<br>-0.01<br>-2.05  | 6.56<br>0.00<br>-2.00   | 7.23<br>-0.01<br>-2.15  | 7.20<br>0.01<br>-2.10   | 8.39<br>-0.02<br>-1.69  | 7.88<br>0.01<br>-1.45   | 8.54<br>0.01<br>-1.37   | 6.95<br>0.04<br>-1.73   | 6.99<br>0.05<br>-1.77   | 6.86<br>0.02<br>-1.74   | 6.64<br>0.02<br>-1.52   | 7.12<br>0.05<br>-1.98   | 7.73<br>0.04<br>-2.58   | 10.64<br>0.05<br>-3.07  | 10.84<br>0.04<br>-3.78  | 14.76<br>-0.03<br>-3.30 | 14.95<br>-0.10<br>-3.41 | 12.79<br>-0.01<br>-2.47 | 12.28<br>0.05<br>-1.88  | 10.50<br>0.08<br>-1.68  |
| HOWARD_WT_PWR<br>323690       | 8.20<br>0.12<br>-2.99   | 7.68<br>0.08<br>-2.53   | 7.43<br>0.12<br>-2.22   | 7.25<br>0.14<br>-2.03   | 6.94<br>0.12<br>-2.24   | 6.88<br>0.12<br>-2.19   | 7.57<br>0.14<br>-2.35   | 7.55<br>0.16<br>-2.30   | 8.72<br>0.15<br>-1.84   | 8.18<br>0.17<br>-1.58   | 8.85<br>0.20<br>-1.50   | 7.23<br>0.17<br>-1.90   | 7.27<br>0.16<br>-1.93   | 7.13<br>0.13<br>-1.90   | 6.89<br>0.13<br>-1.66   | 7.40<br>0.14<br>-2.16   | 8.09<br>0.15<br>-2.82   | 11.13<br>0.26<br>-3.35  | 11.37<br>0.23<br>-4.12  | 15.41<br>0.31<br>-3.60  | 15.66<br>0.29<br>-3.72  | 13.34<br>0.31<br>-2.70  | 12.75<br>0.35<br>-2.05  | 10.92<br>0.34<br>-1.83  |
| HQ_GEN_CEDARS<br>23644        | 4.89<br>-0.20<br>0.00   | 4.90<br>-0.18<br>0.00   | 4.97<br>-0.12<br>0.00   | 4.96<br>-0.12<br>0.00   | 4.47<br>-0.10<br>0.00   | 4.47<br>-0.10<br>0.00   | 4.96<br>-0.12<br>0.00   | 4.97<br>-0.12<br>0.00   | 6.55<br>-0.17<br>0.00   | 6.22<br>-0.20<br>0.00   | 6.94<br>-0.22<br>0.00   | 5.00<br>-0.17<br>0.00   | 4.99<br>-0.18<br>0.00   | 4.94<br>-0.15<br>0.00   | 4.94<br>-0.16<br>0.00   | 4.93<br>-0.17<br>0.00   | 4.93<br>-0.18<br>0.00   | 7.23<br>-0.29<br>0.00   | 6.77<br>-0.25<br>0.00   | 11.15<br>-0.34<br>0.00  | 11.30<br>-0.35<br>0.00  | 10.01<br>-0.32<br>0.00  | 10.01<br>-0.34<br>0.00  | 8.46<br>-0.28<br>0.00   |
| HQ_GEN_CEDARS_PROXY<br>323590 | 4.90<br>-0.19<br>0.00   | 4.90<br>-0.18<br>0.00   | 4.97<br>-0.12<br>0.00   | 4.96<br>-0.12<br>0.00   | 4.47<br>-0.10<br>0.00   | 4.47<br>-0.10<br>0.00   | 4.96<br>-0.12<br>0.00   | 4.97<br>-0.12<br>0.00   | 6.55<br>-0.17<br>0.00   | 6.22<br>-0.20<br>0.00   | 6.94<br>-0.22<br>0.00   | 5.00<br>-0.17<br>0.00   | 4.99<br>-0.18<br>0.00   | 4.94<br>-0.15<br>0.00   | 4.94<br>-0.16<br>0.00   | 4.93<br>-0.17<br>0.00   | 4.93<br>-0.18<br>0.00   | 7.23<br>-0.29<br>0.00   | 6.77<br>-0.25<br>0.00   | 11.15<br>-0.34<br>0.00  | 11.31<br>-0.35<br>0.00  | 10.01<br>-0.32<br>0.00  | 10.01<br>-0.34<br>0.00  | 8.46<br>-0.28<br>0.00   |
| HQ_GEN_IMPORT<br>323601       | 5.00<br>-0.09<br>0.00   | 5.00<br>-0.08<br>0.00   | 5.00<br>-0.09<br>0.00   | 5.00<br>-0.09<br>0.00   | 4.50<br>-0.07<br>0.00   | 4.50<br>-0.07<br>0.00   | 5.00<br>-0.09<br>0.00   | 5.00<br>-0.09<br>0.00   | 6.60<br>-0.13<br>0.00   | 6.30<br>-0.13<br>0.00   | 7.01<br>-0.15<br>0.00   | 5.06<br>-0.11<br>0.00   | 5.06<br>-0.11<br>0.00   | 5.00<br>-0.10<br>0.00   | 5.00<br>-0.10<br>0.00   | 5.00<br>-0.10<br>0.00   | 5.00<br>-0.11<br>0.00   | 7.35<br>-0.17<br>0.00   | 6.86<br>-0.15<br>0.00   | 11.26<br>-0.24<br>0.00  | 11.41<br>-0.25<br>0.00  | 10.11<br>-0.22<br>0.00  | 10.12<br>-0.23<br>0.00  | 8.55<br>-0.19<br>0.00   |
| HQ_GEN_WHEEL<br>23651         | 5.00<br>-0.09<br>0.00   | 5.00<br>-0.08<br>0.00   | 5.00<br>-0.09<br>0.00   | 5.00<br>-0.09<br>0.00   | 4.50<br>-0.07<br>0.00   | 4.50<br>-0.07<br>0.00   | 5.00<br>-0.09<br>0.00   | 5.00<br>-0.09<br>0.00   | 6.60<br>-0.13<br>0.00   | 6.30<br>-0.13<br>0.00   | 7.01<br>-0.15<br>0.00   | 5.06<br>-0.11<br>0.00   | 5.06<br>-0.11<br>0.00   | 5.00<br>-0.10<br>0.00   | 5.00<br>-0.10<br>0.00   | 5.00<br>-0.10<br>0.00   | 5.00<br>-0.11<br>0.00   | 7.35<br>-0.17<br>0.00   | 6.86<br>-0.15<br>0.00   | 11.26<br>-0.24<br>0.00  | 11.41<br>-0.25<br>0.00  | 10.11<br>-0.22<br>0.00  | 10.12<br>-0.23<br>0.00  | 8.55<br>-0.19<br>0.00   |
| HUDSON_AVE_GT_3<br>23810      | 20.99<br>0.40<br>-15.50 | 18.58<br>0.38<br>-13.12 | 17.00<br>0.38<br>-11.54 | 15.97<br>0.37<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.11<br>0.43<br>-11.60 | 16.65<br>0.62<br>-9.30  | 15.03<br>0.62<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.62  | 14.01<br>0.51<br>-8.41  | 16.52<br>0.51<br>-10.92 | 19.92<br>0.54<br>-14.27 | 25.24<br>0.79<br>-16.93 | 28.68<br>0.71<br>-20.96 | 31.00<br>1.12<br>-18.38 | 31.83<br>1.13<br>-19.05 | 24.91<br>0.97<br>-13.61 | 21.66<br>0.97<br>-10.34 | 18.80<br>0.80<br>-9.25  |
| HUDSON_AVE_GT_4<br>23540      | 20.99<br>0.40<br>-15.50 | 18.58<br>0.38<br>-13.12 | 17.00<br>0.38<br>-11.54 | 15.97<br>0.37<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.11<br>0.43<br>-11.60 | 16.65<br>0.62<br>-9.30  | 15.03<br>0.62<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.62  | 14.01<br>0.51<br>-8.41  | 16.52<br>0.51<br>-10.92 | 19.92<br>0.54<br>-14.27 | 25.24<br>0.79<br>-16.93 | 28.68<br>0.71<br>-20.96 | 31.00<br>1.12<br>-18.38 | 31.83<br>1.13<br>-19.05 | 24.91<br>0.97<br>-13.61 | 21.66<br>0.97<br>-10.34 | 18.80<br>0.80<br>-9.25  |
| HUDSON_AVE_GT_5<br>23657      | 20.99<br>0.40<br>-15.50 | 18.58<br>0.38<br>-13.12 | 17.00<br>0.38<br>-11.54 | 15.97<br>0.37<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.11<br>0.43<br>-11.60 | 16.65<br>0.62<br>-9.30  | 15.03<br>0.62<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.62  | 14.01<br>0.51<br>-8.41  | 16.52<br>0.51<br>-10.92 | 19.92<br>0.54<br>-14.27 | 25.24<br>0.79<br>-16.93 | 28.68<br>0.71<br>-20.96 | 31.00<br>1.12<br>-18.38 | 31.83<br>1.13<br>-19.05 | 24.91<br>0.97<br>-13.61 | 21.66<br>0.97<br>-10.34 | 18.80<br>0.80<br>-9.25  |

|                               |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HUDSON_AVE_10<br>24168        | 20.98<br>0.39<br>-15.50 | 18.57<br>0.37<br>-13.12 | 16.98<br>0.36<br>-11.54 | 15.96<br>0.35<br>-10.52 | 16.52<br>0.31<br>-11.64 | 16.22<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.20<br>0.48<br>-9.62  | 14.00<br>0.50<br>-8.41  | 16.52<br>0.50<br>-10.92 | 19.91<br>0.52<br>-14.27 | 25.21<br>0.76<br>-16.93 | 28.66<br>0.69<br>-20.96 | 30.96<br>1.08<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.65<br>0.96<br>-10.34 | 18.79<br>0.80<br>-9.25  |
| HUDSON___115KV_TB 4<br>355613 | 23.97<br>0.14<br>-18.74 | 21.07<br>0.13<br>-15.85 | 19.18<br>0.15<br>-13.94 | 17.98<br>0.18<br>-12.72 | 18.80<br>0.16<br>-14.07 | 18.44<br>0.16<br>-13.72 | 19.87<br>0.21<br>-14.58 | 19.57<br>0.20<br>-14.28 | 18.43<br>0.26<br>-11.45 | 16.48<br>0.22<br>-9.83  | 16.69<br>0.24<br>-9.30  | 17.13<br>0.18<br>-11.78 | 17.35<br>0.17<br>-12.00 | 17.09<br>0.16<br>-11.83 | 15.59<br>0.16<br>-10.33 | 18.70<br>0.17<br>-13.43 | 22.84<br>0.17<br>-17.55 | 28.60<br>0.26<br>-20.83 | 32.69<br>0.26<br>-25.42 | 34.02<br>0.43<br>-22.09 | 34.82<br>0.42<br>-22.75 | 27.49<br>0.40<br>-16.75 | 23.47<br>0.39<br>-12.73 | 20.43<br>0.30<br>-11.40 |
| HUNTER MOUNT___DRP<br>323613  | 23.32<br>0.13<br>-18.09 | 20.51<br>0.13<br>-15.30 | 18.69<br>0.14<br>-13.46 | 17.52<br>0.16<br>-12.28 | 18.30<br>0.14<br>-13.58 | 17.96<br>0.15<br>-13.24 | 19.36<br>0.20<br>-14.07 | 19.05<br>0.18<br>-13.78 | 18.02<br>0.24<br>-11.05 | 16.12<br>0.21<br>-9.49  | 16.33<br>0.20<br>-8.97  | 16.70<br>0.16<br>-11.37 | 16.90<br>0.14<br>-11.58 | 16.65<br>0.14<br>-11.42 | 15.20<br>0.14<br>-9.97  | 18.20<br>0.14<br>-12.95 | 22.20<br>0.15<br>-16.94 | 27.84<br>0.23<br>-20.09 | 31.84<br>0.25<br>-24.58 | 33.28<br>0.39<br>-21.39 | 34.08<br>0.38<br>-22.04 | 26.88<br>0.38<br>-16.17 | 22.99<br>0.36<br>-12.28 | 19.99<br>0.25<br>-11.00 |
| HUNTINGTON_RES_REC<br>323705  | 26.82<br>0.54<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.76<br>0.49<br>-15.20 | 20.94<br>0.43<br>-15.93 | 21.00<br>0.43<br>-16.00 | 22.65<br>0.54<br>-17.02 | 18.50<br>0.53<br>-12.88 | 20.02<br>0.81<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.24<br>0.82<br>-10.26 | 18.22<br>0.59<br>-12.46 | 18.54<br>0.61<br>-12.76 | 18.77<br>0.60<br>-13.08 | 18.86<br>0.61<br>-13.15 | 21.19<br>0.61<br>-15.48 | 25.37<br>0.64<br>-19.62 | 28.29<br>0.96<br>-19.81 | 29.26<br>0.88<br>-21.36 | 31.26<br>1.38<br>-18.38 | 34.43<br>1.37<br>-21.40 | 29.99<br>1.21<br>-18.45 | 26.13<br>1.27<br>-14.50 | 20.81<br>1.00<br>-11.07 |
| HUNTLEY___63<br>23557         | 7.41<br>0.02<br>-2.30   | 6.98<br>-0.05<br>-1.95  | 6.80<br>0.00<br>-1.71   | 6.68<br>0.04<br>-1.56   | 6.32<br>0.02<br>-1.73   | 6.27<br>0.02<br>-1.68   | 6.90<br>0.00<br>-1.81   | 6.86<br>0.01<br>-1.76   | 8.10<br>-0.04<br>-1.41  | 7.63<br>0.00<br>-1.21   | 8.31<br>0.01<br>-1.14   | 6.67<br>0.05<br>-1.45   | 6.70<br>0.05<br>-1.48   | 6.58<br>0.03<br>-1.46   | 6.39<br>0.02<br>-1.27   | 6.80<br>0.05<br>-1.66   | 7.31<br>0.04<br>-2.17   | 10.14<br>0.05<br>-2.57  | 10.22<br>0.01<br>-3.18  | 14.09<br>-0.18<br>-2.78 | 14.28<br>-0.24<br>-2.87 | 12.28<br>-0.13<br>-2.08 | 11.91<br>-0.02<br>-1.58 | 10.22<br>0.06<br>-1.42  |
| HUNTLEY___64<br>23558         | 7.41<br>0.02<br>-2.30   | 6.98<br>-0.05<br>-1.95  | 6.80<br>0.00<br>-1.71   | 6.68<br>0.04<br>-1.56   | 6.32<br>0.02<br>-1.73   | 6.27<br>0.02<br>-1.68   | 6.90<br>0.00<br>-1.81   | 6.86<br>0.01<br>-1.76   | 8.10<br>-0.04<br>-1.41  | 7.63<br>0.00<br>-1.21   | 8.31<br>0.01<br>-1.14   | 6.67<br>0.05<br>-1.45   | 6.70<br>0.05<br>-1.48   | 6.58<br>0.03<br>-1.46   | 6.39<br>0.02<br>-1.27   | 6.80<br>0.05<br>-1.66   | 7.31<br>0.04<br>-2.17   | 10.14<br>0.05<br>-2.57  | 10.22<br>0.01<br>-3.18  | 14.09<br>-0.18<br>-2.78 | 14.28<br>-0.24<br>-2.87 | 12.28<br>-0.13<br>-2.08 | 11.91<br>-0.02<br>-1.58 | 10.22<br>0.06<br>-1.42  |
| HUNTLEY___65<br>23559         | 7.41<br>0.02<br>-2.30   | 6.98<br>-0.05<br>-1.95  | 6.80<br>0.00<br>-1.71   | 6.68<br>0.04<br>-1.56   | 6.32<br>0.02<br>-1.73   | 6.27<br>0.02<br>-1.68   | 6.90<br>0.00<br>-1.81   | 6.86<br>0.01<br>-1.76   | 8.10<br>-0.04<br>-1.41  | 7.63<br>0.00<br>-1.21   | 8.31<br>0.01<br>-1.14   | 6.67<br>0.05<br>-1.45   | 6.70<br>0.05<br>-1.48   | 6.58<br>0.03<br>-1.46   | 6.39<br>0.02<br>-1.27   | 6.80<br>0.05<br>-1.66   | 7.31<br>0.04<br>-2.17   | 10.14<br>0.05<br>-2.57  | 10.22<br>0.01<br>-3.18  | 14.09<br>-0.18<br>-2.78 | 14.28<br>-0.24<br>-2.87 | 12.28<br>-0.13<br>-2.08 | 11.91<br>-0.02<br>-1.58 | 10.22<br>0.06<br>-1.42  |
| HUNTLEY___66<br>23560         | 7.41<br>0.02<br>-2.30   | 6.98<br>-0.05<br>-1.95  | 6.80<br>0.00<br>-1.71   | 6.68<br>0.04<br>-1.56   | 6.32<br>0.02<br>-1.73   | 6.27<br>0.02<br>-1.68   | 6.90<br>0.00<br>-1.81   | 6.86<br>0.01<br>-1.76   | 8.10<br>-0.04<br>-1.41  | 7.63<br>0.00<br>-1.21   | 8.31<br>0.01<br>-1.14   | 6.67<br>0.05<br>-1.45   | 6.70<br>0.05<br>-1.48   | 6.58<br>0.03<br>-1.46   | 6.39<br>0.02<br>-1.27   | 6.80<br>0.05<br>-1.66   | 7.31<br>0.04<br>-2.17   | 10.14<br>0.05<br>-2.57  | 10.22<br>0.01<br>-3.18  | 14.09<br>-0.18<br>-2.78 | 14.28<br>-0.24<br>-2.87 | 12.28<br>-0.13<br>-2.08 | 11.91<br>-0.02<br>-1.58 | 10.22<br>0.06<br>-1.42  |
| HUNTLEY___67<br>23561         | 7.44<br>0.00<br>-2.34   | 7.00<br>-0.06<br>-1.98  | 6.82<br>-0.02<br>-1.74  | 6.69<br>0.02<br>-1.59   | 6.34<br>0.00<br>-1.76   | 6.29<br>0.01<br>-1.72   | 6.92<br>-0.01<br>-1.84  | 6.90<br>0.00<br>-1.80   | 8.12<br>-0.05<br>-1.45  | 7.66<br>-0.01<br>-1.24  | 8.33<br>0.00<br>-1.17   | 6.70<br>0.04<br>-1.49   | 6.73<br>0.04<br>-1.52   | 6.61<br>0.02<br>-1.50   | 6.42<br>0.02<br>-1.31   | 6.84<br>0.04<br>-1.70   | 7.36<br>0.03<br>-2.22   | 10.20<br>0.05<br>-2.63  | 10.26<br>0.00<br>-3.24  | 14.13<br>-0.20<br>-2.83 | 14.32<br>-0.26<br>-2.92 | 12.29<br>-0.15<br>-2.12 | 11.92<br>-0.04<br>-1.61 | 10.22<br>0.03<br>-1.44  |
| HUNTLEY___68<br>23562         | 7.44<br>0.00<br>-2.34   | 7.00<br>-0.06<br>-1.98  | 6.82<br>-0.02<br>-1.74  | 6.69<br>0.02<br>-1.59   | 6.34<br>0.00<br>-1.76   | 6.29<br>0.01<br>-1.72   | 6.92<br>-0.01<br>-1.84  | 6.90<br>0.00<br>-1.80   | 8.12<br>-0.05<br>-1.45  | 7.66<br>-0.01<br>-1.24  | 8.33<br>0.00<br>-1.17   | 6.70<br>0.04<br>-1.49   | 6.73<br>0.04<br>-1.52   | 6.61<br>0.02<br>-1.50   | 6.42<br>0.02<br>-1.31   | 6.84<br>0.04<br>-1.70   | 7.36<br>0.03<br>-2.22   | 10.20<br>0.05<br>-2.63  | 10.26<br>0.00<br>-3.24  | 14.13<br>-0.20<br>-2.83 | 14.32<br>-0.26<br>-2.92 | 12.29<br>-0.15<br>-2.12 | 11.92<br>-0.04<br>-1.61 | 10.22<br>0.03<br>-1.44  |
| HYLAND___LFGE<br>323620       | 7.89<br>0.27<br>-2.52   | 7.44<br>0.22<br>-2.13   | 7.23<br>0.27<br>-1.87   | 7.04<br>0.25<br>-1.71   | 6.68<br>0.21<br>-1.89   | 6.62<br>0.21<br>-1.84   | 7.33<br>0.26<br>-1.98   | 7.23<br>0.20<br>-1.94   | 8.42<br>0.13<br>-1.56   | 7.88<br>0.12<br>-1.34   | 8.55<br>0.13<br>-1.26   | 6.88<br>0.11<br>-1.60   | 6.91<br>0.11<br>-1.63   | 6.77<br>0.07<br>-1.61   | 6.59<br>0.09<br>-1.40   | 7.02<br>0.09<br>-1.82   | 7.64<br>0.14<br>-2.38   | 10.61<br>0.26<br>-2.83  | 10.79<br>0.29<br>-3.48  | 15.08<br>0.54<br>-3.04  | 15.40<br>0.61<br>-3.14  | 13.17<br>0.57<br>-2.28  | 12.69<br>0.61<br>-1.73  | 10.79<br>0.50<br>-1.55  |
| INDECK___CORINTH<br>23802     | 25.40<br>0.05<br>-20.26 | 22.26<br>0.04<br>-17.14 | 20.20<br>0.04<br>-15.07 | 18.84<br>0.01<br>-13.75 | 19.82<br>0.03<br>-15.21 | 19.43<br>0.04<br>-14.83 | 21.00<br>0.07<br>-15.85 | 20.64<br>0.03<br>-15.52 | 19.50<br>0.33<br>-12.45 | 17.41<br>0.30<br>-10.69 | 17.58<br>0.31<br>-10.11 | 18.22<br>0.24<br>-12.80 | 18.45<br>0.23<br>-13.04 | 18.18<br>0.22<br>-12.86 | 16.51<br>0.18<br>-11.23 | 19.89<br>0.19<br>-14.60 | 24.25<br>0.06<br>-19.08 | 30.27<br>0.11<br>-22.64 | 34.71<br>0.12<br>-27.58 | 35.67<br>0.23<br>-23.94 | 36.54<br>0.26<br>-24.63 | 28.78<br>0.24<br>-18.21 | 24.41<br>0.23<br>-13.83 | 21.22<br>0.09<br>-12.39 |
| INDECK___ILION<br>23567       | 5.06<br>-0.03<br>0.00   | 5.05<br>-0.03<br>0.00   | 5.06<br>-0.03<br>0.00   | 5.07<br>-0.02<br>0.00   | 4.56<br>-0.02<br>0.00   | 4.55<br>-0.02<br>0.00   | 5.06<br>-0.03<br>0.00   | 5.07<br>-0.02<br>0.00   | 6.69<br>-0.03<br>0.00   | 6.39<br>-0.03<br>0.00   | 7.11<br>-0.04<br>0.00   | 5.13<br>-0.04<br>0.00   | 5.14<br>-0.04<br>0.00   | 5.05<br>-0.05<br>0.00   | 5.04<br>-0.06<br>0.00   | 5.05<br>-0.05<br>0.00   | 5.06<br>-0.05<br>0.00   | 7.44<br>-0.08<br>0.00   | 6.96<br>-0.06<br>0.00   | 11.42<br>-0.08<br>0.00  | 11.58<br>-0.07<br>0.00  | 10.28<br>-0.05<br>0.00  | 10.30<br>-0.05<br>0.00  | 8.72<br>-0.02<br>0.00   |
| INDECK___OLEAN<br>23982       | 7.80<br>-0.03<br>-2.73  | 7.33<br>-0.06<br>-2.31  | 7.09<br>-0.03<br>-2.03  | 6.94<br>0.00<br>-1.86   | 6.61<br>-0.01<br>-2.05  | 6.56<br>0.00<br>-2.00   | 7.23<br>-0.01<br>-2.15  | 7.21<br>0.02<br>-2.10   | 8.38<br>-0.03<br>-1.69  | 7.88<br>0.01<br>-1.45   | 8.54<br>0.01<br>-1.37   | 6.95<br>0.04<br>-1.73   | 6.99<br>0.05<br>-1.77   | 6.86<br>0.02<br>-1.74   | 6.64<br>0.02<br>-1.52   | 7.10<br>0.03<br>-1.98   | 7.74<br>0.04<br>-2.58   | 10.64<br>0.05<br>-3.07  | 10.84<br>0.04<br>-3.78  | 14.76<br>-0.03<br>-3.30 | 14.95<br>-0.11<br>-3.41 | 12.79<br>-0.01<br>-2.47 | 12.28<br>0.05<br>-1.88  | 10.50<br>0.08<br>-1.68  |
| INDECK___OSWEGO<br>23783      | 6.31<br>-0.12<br>-1.33  | 6.08<br>-0.13<br>-1.13  | 5.96<br>-0.12<br>-0.99  | 5.87<br>-0.12<br>-0.90  | 5.46<br>-0.11<br>-1.00  | 5.43<br>-0.11<br>-0.97  | 6.01<br>-0.12<br>-1.05  | 6.00<br>-0.12<br>-1.02  | 7.38<br>-0.17<br>-0.82  | 6.98<br>-0.15<br>-0.71  | 7.67<br>-0.16<br>-0.67  | 5.90<br>-0.11<br>-0.85  | 5.92<br>-0.11<br>-0.86  | 5.82<br>-0.13<br>-0.85  | 5.71<br>-0.13<br>-0.74  | 5.94<br>-0.13<br>-0.96  | 6.25<br>-0.12<br>-1.26  | 8.85<br>-0.17<br>-1.49  | 8.70<br>-0.16<br>-1.84  | 12.83<br>-0.28<br>-1.61 | 13.05<br>-0.27<br>-1.66 | 11.30<br>-0.24<br>-1.20 | 11.05<br>-0.22<br>-0.91 | 9.39<br>-0.17<br>-0.82  |



|                               |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| INDECK___YERKES<br>23781      | 7.40<br>0.00<br>-2.30   | 6.98<br>-0.05<br>-1.95  | 6.80<br>0.01<br>-1.71   | 6.68<br>0.04<br>-1.56   | 6.32<br>0.02<br>-1.73   | 6.28<br>0.02<br>-1.68   | 6.90<br>0.01<br>-1.81   | 6.88<br>0.03<br>-1.76   | 8.08<br>-0.06<br>-1.41  | 7.64<br>0.01<br>-1.21   | 8.32<br>0.01<br>-1.14   | 6.67<br>0.05<br>-1.45   | 6.71<br>0.05<br>-1.48   | 6.58<br>0.03<br>-1.46   | 6.39<br>0.03<br>-1.27   | 6.79<br>0.03<br>-1.66   | 7.31<br>0.04<br>-2.17   | 10.14<br>0.05<br>-2.57  | 10.23<br>0.02<br>-3.18  | 14.10<br>-0.17<br>-2.78 | 14.29<br>-0.23<br>-2.87 | 12.29<br>-0.12<br>-2.08 | 11.92<br>-0.01<br>-1.58 | 10.23<br>0.07<br>-1.42  |
| INDIAN POINT_GT_1<br>24139    | 20.78<br>0.35<br>-15.34 | 18.39<br>0.34<br>-12.98 | 16.83<br>0.33<br>-11.41 | 15.81<br>0.32<br>-10.41 | 16.37<br>0.28<br>-11.52 | 16.07<br>0.27<br>-11.23 | 17.15<br>0.35<br>-11.72 | 16.94<br>0.37<br>-11.47 | 16.46<br>0.53<br>-9.20  | 14.85<br>0.53<br>-7.90  | 15.22<br>0.59<br>-7.47  | 15.07<br>0.43<br>-9.47  | 15.26<br>0.44<br>-9.64  | 15.03<br>0.42<br>-9.51  | 13.83<br>0.43<br>-8.30  | 16.33<br>0.43<br>-10.79 | 19.68<br>0.47<br>-14.11 | 24.93<br>0.68<br>-16.74 | 28.37<br>0.61<br>-20.74 | 30.67<br>0.98<br>-18.19 | 31.48<br>0.98<br>-18.85 | 24.65<br>0.86<br>-13.46 | 21.43<br>0.85<br>-10.23 | 18.59<br>0.69<br>-9.16  |
| INDIAN POINT_GT_2<br>23659    | 20.78<br>0.35<br>-15.34 | 18.39<br>0.34<br>-12.98 | 16.83<br>0.33<br>-11.41 | 15.81<br>0.32<br>-10.41 | 16.37<br>0.28<br>-11.52 | 16.07<br>0.27<br>-11.23 | 17.15<br>0.35<br>-11.72 | 16.94<br>0.37<br>-11.47 | 16.46<br>0.53<br>-9.20  | 14.85<br>0.53<br>-7.90  | 15.22<br>0.59<br>-7.47  | 15.07<br>0.43<br>-9.47  | 15.26<br>0.44<br>-9.64  | 15.03<br>0.42<br>-9.51  | 13.83<br>0.43<br>-8.30  | 16.33<br>0.43<br>-10.79 | 19.68<br>0.47<br>-14.11 | 24.93<br>0.68<br>-16.74 | 28.37<br>0.61<br>-20.74 | 30.67<br>0.98<br>-18.19 | 31.48<br>0.98<br>-18.85 | 24.65<br>0.86<br>-13.46 | 21.43<br>0.85<br>-10.23 | 18.59<br>0.69<br>-9.16  |
| INDIAN POINT_GT_3<br>24019    | 20.78<br>0.35<br>-15.34 | 18.39<br>0.34<br>-12.98 | 16.83<br>0.33<br>-11.41 | 15.81<br>0.32<br>-10.41 | 16.37<br>0.28<br>-11.52 | 16.07<br>0.27<br>-11.23 | 17.15<br>0.35<br>-11.72 | 16.94<br>0.37<br>-11.47 | 16.46<br>0.53<br>-9.20  | 14.85<br>0.53<br>-7.90  | 15.22<br>0.59<br>-7.47  | 15.07<br>0.43<br>-9.47  | 15.26<br>0.44<br>-9.64  | 15.03<br>0.42<br>-9.51  | 13.83<br>0.43<br>-8.30  | 16.33<br>0.43<br>-10.79 | 19.68<br>0.47<br>-14.11 | 24.93<br>0.68<br>-16.74 | 28.37<br>0.61<br>-20.74 | 30.67<br>0.98<br>-18.19 | 31.48<br>0.98<br>-18.85 | 24.65<br>0.86<br>-13.46 | 21.43<br>0.85<br>-10.23 | 18.59<br>0.69<br>-9.16  |
| INDIAN POINT___2<br>23530     | 20.56<br>0.35<br>-15.11 | 18.20<br>0.34<br>-12.79 | 16.66<br>0.33<br>-11.25 | 15.66<br>0.32<br>-10.26 | 16.20<br>0.28<br>-11.35 | 15.91<br>0.28<br>-11.06 | 16.99<br>0.36<br>-11.55 | 16.77<br>0.37<br>-11.31 | 16.34<br>0.54<br>-9.07  | 14.74<br>0.53<br>-7.79  | 15.12<br>0.59<br>-7.37  | 14.94<br>0.43<br>-9.33  | 15.13<br>0.45<br>-9.50  | 14.90<br>0.43<br>-9.37  | 13.72<br>0.44<br>-8.18  | 16.18<br>0.44<br>-10.64 | 19.48<br>0.47<br>-13.90 | 24.70<br>0.68<br>-16.50 | 28.07<br>0.62<br>-20.44 | 30.40<br>0.98<br>-17.93 | 31.21<br>0.98<br>-18.57 | 24.46<br>0.86<br>-13.27 | 21.28<br>0.85<br>-10.08 | 18.47<br>0.70<br>-9.03  |
| INDIAN POINT___3<br>23531     | 20.79<br>0.35<br>-15.35 | 18.40<br>0.34<br>-12.98 | 16.83<br>0.33<br>-11.42 | 15.82<br>0.32<br>-10.42 | 16.38<br>0.28<br>-11.52 | 16.08<br>0.27<br>-11.23 | 17.16<br>0.35<br>-11.72 | 16.94<br>0.37<br>-11.48 | 16.47<br>0.53<br>-9.21  | 14.86<br>0.53<br>-7.91  | 15.23<br>0.59<br>-7.48  | 15.07<br>0.43<br>-9.47  | 15.26<br>0.44<br>-9.65  | 15.04<br>0.42<br>-9.52  | 13.84<br>0.43<br>-8.31  | 16.33<br>0.43<br>-10.80 | 19.69<br>0.46<br>-14.12 | 24.94<br>0.68<br>-16.75 | 28.38<br>0.61<br>-20.75 | 30.67<br>0.97<br>-18.20 | 31.48<br>0.97<br>-18.86 | 24.65<br>0.85<br>-13.47 | 21.42<br>0.84<br>-10.23 | 18.60<br>0.69<br>-9.16  |
| INGHAM_C_115KV_TB7<br>356103  | 4.99<br>-0.11<br>0.00   | 4.98<br>-0.10<br>0.00   | 5.01<br>-0.08<br>0.00   | 5.00<br>-0.08<br>0.00   | 4.50<br>-0.07<br>0.00   | 4.50<br>-0.07<br>0.00   | 5.00<br>-0.09<br>0.00   | 5.01<br>-0.08<br>0.00   | 6.60<br>-0.13<br>0.00   | 6.29<br>-0.13<br>0.00   | 7.00<br>-0.16<br>0.00   | 5.05<br>-0.12<br>0.00   | 5.05<br>-0.13<br>0.00   | 4.94<br>-0.16<br>0.00   | 4.93<br>-0.16<br>0.00   | 4.94<br>-0.16<br>0.00   | 4.94<br>-0.17<br>0.00   | 7.28<br>-0.24<br>0.00   | 6.81<br>-0.21<br>0.00   | 11.19<br>-0.31<br>0.00  | 11.35<br>-0.30<br>0.00  | 10.10<br>-0.23<br>0.00  | 10.13<br>-0.22<br>0.00  | 8.61<br>-0.13<br>0.00   |
| IP CORINTH___1<br>23988       | 25.43<br>0.08<br>-20.26 | 22.29<br>0.07<br>-17.14 | 20.22<br>0.06<br>-15.07 | 18.87<br>0.04<br>-13.75 | 19.84<br>0.06<br>-15.21 | 19.46<br>0.06<br>-14.83 | 21.03<br>0.10<br>-15.85 | 20.67<br>0.06<br>-15.52 | 19.50<br>0.32<br>-12.45 | 17.41<br>0.30<br>-10.69 | 17.58<br>0.31<br>-10.11 | 18.22<br>0.24<br>-12.80 | 18.45<br>0.23<br>-13.04 | 18.18<br>0.22<br>-12.86 | 16.51<br>0.18<br>-11.23 | 19.89<br>0.19<br>-14.60 | 24.28<br>0.09<br>-19.08 | 30.32<br>0.16<br>-22.64 | 34.76<br>0.16<br>-27.58 | 35.74<br>0.30<br>-23.94 | 36.61<br>0.33<br>-24.63 | 28.83<br>0.29<br>-18.21 | 24.47<br>0.28<br>-13.83 | 21.27<br>0.14<br>-12.39 |
| IP___TICONDEROGA<br>23804     | 25.61<br>0.29<br>-20.23 | 22.46<br>0.27<br>-17.11 | 20.40<br>0.26<br>-15.05 | 19.05<br>0.24<br>-13.73 | 20.02<br>0.27<br>-15.19 | 19.65<br>0.27<br>-14.81 | 21.21<br>0.31<br>-15.81 | 20.85<br>0.27<br>-15.49 | 19.75<br>0.60<br>-12.42 | 17.63<br>0.54<br>-10.67 | 17.82<br>0.58<br>-10.09 | 18.40<br>0.45<br>-12.78 | 18.59<br>0.39<br>-13.02 | 18.32<br>0.39<br>-12.84 | 16.62<br>0.31<br>-11.21 | 20.00<br>0.33<br>-14.56 | 24.41<br>0.26<br>-19.04 | 30.55<br>0.44<br>-22.59 | 34.97<br>0.44<br>-27.51 | 36.15<br>0.77<br>-23.88 | 37.11<br>0.89<br>-24.57 | 29.29<br>0.79<br>-18.18 | 24.91<br>0.76<br>-13.80 | 21.62<br>0.52<br>-12.36 |
| ISLIP_RES_REC<br>323679       | 26.88<br>0.60<br>-21.19 | 24.17<br>0.57<br>-18.52 | 24.39<br>0.57<br>-18.73 | 20.81<br>0.53<br>-15.20 | 20.99<br>0.48<br>-15.93 | 21.05<br>0.48<br>-16.00 | 22.71<br>0.61<br>-17.02 | 18.55<br>0.58<br>-12.88 | 20.09<br>0.88<br>-12.49 | 17.55<br>0.82<br>-10.30 | 18.30<br>0.88<br>-10.26 | 18.26<br>0.64<br>-12.46 | 18.58<br>0.65<br>-12.76 | 18.81<br>0.64<br>-13.08 | 18.89<br>0.64<br>-13.15 | 21.23<br>0.65<br>-15.48 | 25.42<br>0.69<br>-19.62 | 28.40<br>1.05<br>-19.82 | 29.36<br>0.96<br>-21.38 | 31.41<br>1.52<br>-18.40 | 34.56<br>1.49<br>-21.41 | 30.11<br>1.31<br>-18.47 | 26.31<br>1.43<br>-14.52 | 20.90<br>1.08<br>-11.07 |
| JAMAICA__27_KV_LOAD<br>355505 | 21.01<br>0.42<br>-15.50 | 18.59<br>0.40<br>-13.12 | 17.01<br>0.39<br>-11.54 | 15.98<br>0.38<br>-10.52 | 16.54<br>0.33<br>-11.64 | 16.25<br>0.33<br>-11.35 | 17.36<br>0.43<br>-11.84 | 17.16<br>0.47<br>-11.60 | 16.71<br>0.68<br>-9.30  | 15.08<br>0.67<br>-7.99  | 15.43<br>0.72<br>-7.55  | 15.25<br>0.52<br>-9.57  | 15.47<br>0.54<br>-9.76  | 15.24<br>0.52<br>-9.62  | 14.03<br>0.53<br>-8.41  | 16.56<br>0.54<br>-10.92 | 19.94<br>0.55<br>-14.27 | 25.26<br>0.80<br>-16.93 | 28.71<br>0.74<br>-20.96 | 31.04<br>1.16<br>-18.38 | 31.89<br>1.19<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.74<br>1.06<br>-10.34 | 18.86<br>0.87<br>-9.25  |
| JANIS___SOLAR<br>323808       | 8.99<br>0.21<br>-3.68   | 8.39<br>0.20<br>-3.11   | 8.04<br>0.21<br>-2.74   | 7.80<br>0.22<br>-2.50   | 7.52<br>0.18<br>-2.76   | 7.44<br>0.18<br>-2.69   | 8.16<br>0.19<br>-2.89   | 8.12<br>0.20<br>-2.83   | 9.20<br>0.21<br>-2.27   | 8.53<br>0.15<br>-1.95   | 9.13<br>0.13<br>-1.84   | 7.59<br>0.09<br>-2.33   | 7.64<br>0.09<br>-2.38   | 7.49<br>0.05<br>-2.34   | 7.19<br>0.05<br>-2.05   | 7.82<br>0.06<br>-2.66   | 8.69<br>0.10<br>-3.48   | 11.87<br>0.23<br>-4.13  | 12.36<br>0.27<br>-5.08  | 16.48<br>0.55<br>-4.43  | 16.82<br>0.58<br>-4.58  | 14.15<br>0.50<br>-3.32  | 13.36<br>0.49<br>-2.52  | 11.43<br>0.43<br>-2.26  |
| JARVIS____<br>23743           | 5.10<br>0.01<br>0.00    | 5.08<br>0.00<br>0.00    | 5.09<br>0.00<br>0.00    | 5.09<br>0.01<br>0.00    | 4.58<br>0.00<br>0.00    | 4.57<br>0.00<br>0.00    | 5.09<br>0.00<br>0.00    | 5.10<br>0.01<br>0.00    | 6.73<br>0.01<br>0.00    | 6.44<br>0.01<br>0.00    | 7.17<br>0.01<br>0.00    | 5.18<br>0.01<br>0.00    | 5.19<br>0.01<br>0.00    | 5.10<br>0.01<br>0.00    | 5.10<br>0.01<br>0.00    | 5.11<br>0.01<br>0.00    | 5.12<br>0.01<br>0.00    | 7.54<br>0.02<br>0.00    | 7.03<br>0.01<br>0.00    | 11.52<br>0.02<br>0.00   | 11.68<br>0.02<br>0.00   | 10.35<br>0.02<br>0.00   | 10.38<br>0.03<br>0.00   | 8.77<br>0.03<br>0.00    |
| JENNISON___1<br>23625         | 9.92<br>0.27<br>-4.55   | 9.18<br>0.24<br>-3.85   | 8.73<br>0.25<br>-3.39   | 8.44<br>0.27<br>-3.09   | 8.22<br>0.23<br>-3.42   | 8.12<br>0.22<br>-3.33   | 8.89<br>0.23<br>-3.57   | 8.85<br>0.26<br>-3.50   | 9.85<br>0.32<br>-2.81   | 9.12<br>0.29<br>-2.41   | 9.72<br>0.29<br>-2.28   | 8.25<br>0.20<br>-2.89   | 8.32<br>0.21<br>-2.94   | 8.15<br>0.15<br>-2.90   | 7.78<br>0.15<br>-2.53   | 8.57<br>0.17<br>-3.29   | 9.61<br>0.20<br>-4.30   | 12.95<br>0.33<br>-5.10  | 13.64<br>0.34<br>-6.28  | 17.64<br>0.66<br>-5.48  | 18.01<br>0.69<br>-5.66  | 15.01<br>0.57<br>-4.11  | 14.04<br>0.57<br>-3.12  | 12.04<br>0.51<br>-2.79  |
| JENNISON___2<br>23626         | 9.92<br>0.27<br>-4.55   | 9.18<br>0.24<br>-3.85   | 8.73<br>0.25<br>-3.39   | 8.44<br>0.27<br>-3.09   | 8.22<br>0.23<br>-3.42   | 8.12<br>0.22<br>-3.33   | 8.89<br>0.23<br>-3.57   | 8.85<br>0.26<br>-3.50   | 9.85<br>0.32<br>-2.81   | 9.12<br>0.29<br>-2.41   | 9.72<br>0.29<br>-2.28   | 8.25<br>0.20<br>-2.89   | 8.32<br>0.21<br>-2.94   | 8.15<br>0.15<br>-2.90   | 7.78<br>0.15<br>-2.53   | 8.57<br>0.17<br>-3.29   | 9.61<br>0.20<br>-4.30   | 12.95<br>0.33<br>-5.10  | 13.64<br>0.34<br>-6.28  | 17.64<br>0.66<br>-5.48  | 18.01<br>0.69<br>-5.66  | 15.01<br>0.57<br>-4.11  | 14.04<br>0.57<br>-3.12  | 12.04<br>0.51<br>-2.79  |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| JERICO_RISE_WT_PWR<br>323719            | 5.04<br>-0.06<br>0.00   | 5.06<br>-0.02<br>0.00   | 5.07<br>-0.02<br>0.00   | 5.04<br>-0.04<br>0.00   | 4.55<br>-0.02<br>0.00   | 4.55<br>-0.01<br>0.00   | 5.07<br>-0.02<br>0.00   | 5.07<br>-0.02<br>0.00   | 6.70<br>-0.03<br>0.00   | 6.34<br>-0.08<br>0.00   | 7.04<br>-0.11<br>0.00   | 5.06<br>-0.11<br>0.00   | 5.03<br>-0.15<br>0.00   | 4.98<br>-0.12<br>0.00   | 4.96<br>-0.13<br>0.00   | 4.95<br>-0.15<br>0.00   | 4.94<br>-0.17<br>0.00   | 7.25<br>-0.27<br>0.00   | 6.82<br>-0.20<br>0.00   | 11.26<br>-0.24<br>0.00  | 11.40<br>-0.26<br>0.00  | 10.07<br>-0.26<br>0.00  | 10.06<br>-0.29<br>0.00  | 8.47<br>-0.27<br>0.00   |
| KATONAH__115KV_46KV_TB4<br>355592       | 21.17<br>0.37<br>-15.70 | 18.72<br>0.35<br>-13.28 | 17.11<br>0.34<br>-11.68 | 16.06<br>0.32<br>-10.66 | 16.65<br>0.28<br>-11.79 | 16.34<br>0.28<br>-11.49 | 17.44<br>0.36<br>-11.99 | 17.21<br>0.37<br>-11.74 | 16.68<br>0.53<br>-9.42  | 15.04<br>0.53<br>-8.09  | 15.43<br>0.62<br>-7.65  | 15.30<br>0.44<br>-9.69  | 15.50<br>0.46<br>-9.87  | 15.26<br>0.43<br>-9.73  | 14.02<br>0.43<br>-8.50  | 16.57<br>0.43<br>-11.04 | 20.01<br>0.47<br>-14.44 | 25.34<br>0.69<br>-17.13 | 28.86<br>0.62<br>-21.22 | 31.13<br>1.02<br>-18.61 | 31.93<br>1.00<br>-19.28 | 25.00<br>0.89<br>-13.78 | 21.68<br>0.86<br>-10.47 | 18.80<br>0.69<br>-9.37  |
| KCE_NY_1<br>323755                      | 25.48<br>0.21<br>-20.18 | 22.35<br>0.20<br>-17.07 | 20.30<br>0.20<br>-15.02 | 18.96<br>0.18<br>-13.70 | 19.91<br>0.18<br>-15.15 | 19.52<br>0.18<br>-14.77 | 21.08<br>0.23<br>-15.77 | 20.74<br>0.20<br>-15.44 | 19.48<br>0.37<br>-12.39 | 17.39<br>0.33<br>-10.63 | 17.58<br>0.36<br>-10.06 | 18.18<br>0.27<br>-12.74 | 18.42<br>0.26<br>-12.98 | 18.16<br>0.26<br>-12.80 | 16.51<br>0.24<br>-11.18 | 19.87<br>0.24<br>-14.52 | 24.32<br>0.22<br>-18.98 | 30.40<br>0.35<br>-22.53 | 34.78<br>0.34<br>-27.42 | 35.86<br>0.56<br>-23.80 | 36.71<br>0.58<br>-24.48 | 28.98<br>0.53<br>-18.12 | 24.64<br>0.53<br>-13.76 | 21.44<br>0.38<br>-12.32 |
| KCE_NY_6_ESR<br>323823                  | 7.54<br>0.01<br>-2.44   | 7.12<br>-0.03<br>-2.06  | 6.91<br>0.01<br>-1.82   | 6.78<br>0.04<br>-1.66   | 6.43<br>0.03<br>-1.83   | 6.38<br>0.03<br>-1.79   | 7.03<br>0.02<br>-1.92   | 7.01<br>0.04<br>-1.88   | 8.20<br>-0.03<br>-1.50  | 7.75<br>0.03<br>-1.29   | 8.42<br>0.04<br>-1.22   | 6.79<br>0.07<br>-1.55   | 6.82<br>0.07<br>-1.58   | 6.70<br>0.05<br>-1.55   | 6.50<br>0.05<br>-1.36   | 6.92<br>0.05<br>-1.76   | 7.48<br>0.06<br>-2.31   | 10.35<br>0.09<br>-2.74  | 10.45<br>0.06<br>-3.37  | 14.36<br>-0.08<br>-2.94 | 14.56<br>-0.14<br>-3.04 | 12.50<br>-0.04<br>-2.21 | 12.08<br>0.05<br>-1.68  | 10.35<br>0.11<br>-1.50  |
| KEDC_PORT_JEFF_GT2<br>24210             | 26.85<br>0.57<br>-21.19 | 24.14<br>0.54<br>-18.52 | 24.36<br>0.54<br>-18.73 | 20.79<br>0.51<br>-15.20 | 20.97<br>0.46<br>-15.93 | 21.03<br>0.46<br>-16.00 | 22.68<br>0.57<br>-17.02 | 18.53<br>0.56<br>-12.88 | 20.05<br>0.84<br>-12.49 | 17.52<br>0.79<br>-10.30 | 18.26<br>0.84<br>-10.26 | 18.23<br>0.60<br>-12.46 | 18.55<br>0.62<br>-12.76 | 18.79<br>0.61<br>-13.08 | 18.87<br>0.62<br>-13.15 | 21.20<br>0.62<br>-15.48 | 25.39<br>0.65<br>-19.62 | 28.34<br>1.00<br>-19.82 | 29.30<br>0.91<br>-21.37 | 31.32<br>1.43<br>-18.39 | 34.46<br>1.40<br>-21.41 | 30.03<br>1.24<br>-18.46 | 26.22<br>1.35<br>-14.53 | 20.85<br>1.04<br>-11.07 |
| KEDC_PORT_JEFF_GT3<br>24211             | 26.85<br>0.57<br>-21.19 | 24.14<br>0.54<br>-18.52 | 24.36<br>0.54<br>-18.73 | 20.79<br>0.51<br>-15.20 | 20.97<br>0.46<br>-15.93 | 21.03<br>0.46<br>-16.00 | 22.68<br>0.57<br>-17.02 | 18.53<br>0.56<br>-12.88 | 20.05<br>0.84<br>-12.49 | 17.52<br>0.79<br>-10.30 | 18.26<br>0.84<br>-10.26 | 18.23<br>0.60<br>-12.46 | 18.55<br>0.62<br>-12.76 | 18.79<br>0.61<br>-13.08 | 18.87<br>0.62<br>-13.15 | 21.20<br>0.62<br>-15.48 | 25.39<br>0.65<br>-19.62 | 28.34<br>1.00<br>-19.82 | 29.30<br>0.91<br>-21.37 | 31.32<br>1.43<br>-18.39 | 34.46<br>1.40<br>-21.41 | 30.03<br>1.24<br>-18.46 | 26.22<br>1.35<br>-14.53 | 20.85<br>1.04<br>-11.07 |
| KEDC_GLWD_GT4<br>24219                  | 26.73<br>0.45<br>-21.19 | 24.04<br>0.43<br>-18.52 | 24.24<br>0.43<br>-18.73 | 20.69<br>0.41<br>-15.20 | 20.87<br>0.37<br>-15.93 | 20.93<br>0.36<br>-16.00 | 22.56<br>0.45<br>-17.02 | 18.44<br>0.47<br>-12.88 | 19.89<br>0.67<br>-12.49 | 17.39<br>0.66<br>-10.30 | 18.16<br>0.74<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.70<br>0.53<br>-13.08 | 18.79<br>0.55<br>-13.15 | 21.12<br>0.54<br>-15.48 | 25.30<br>0.57<br>-19.62 | 28.17<br>0.83<br>-19.82 | 29.14<br>0.75<br>-21.37 | 31.08<br>1.20<br>-18.39 | 34.27<br>1.21<br>-21.40 | 29.84<br>1.05<br>-18.46 | 25.92<br>1.06<br>-14.51 | 20.68<br>0.87<br>-11.07 |
| KEDC_GLWD_GT5<br>24220                  | 26.73<br>0.45<br>-21.19 | 24.04<br>0.43<br>-18.52 | 24.24<br>0.43<br>-18.73 | 20.69<br>0.41<br>-15.20 | 20.87<br>0.37<br>-15.93 | 20.93<br>0.36<br>-16.00 | 22.56<br>0.45<br>-17.02 | 18.44<br>0.47<br>-12.88 | 19.89<br>0.67<br>-12.49 | 17.39<br>0.66<br>-10.30 | 18.16<br>0.74<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.70<br>0.53<br>-13.08 | 18.79<br>0.55<br>-13.15 | 21.12<br>0.54<br>-15.48 | 25.30<br>0.57<br>-19.62 | 28.17<br>0.83<br>-19.82 | 29.14<br>0.75<br>-21.37 | 31.08<br>1.20<br>-18.39 | 34.27<br>1.21<br>-21.40 | 29.84<br>1.05<br>-18.46 | 25.92<br>1.06<br>-14.51 | 20.68<br>0.87<br>-11.07 |
| KENSICO____<br>23655                    | 20.93<br>0.37<br>-15.47 | 18.52<br>0.35<br>-13.09 | 16.94<br>0.34<br>-11.51 | 15.91<br>0.33<br>-10.50 | 16.48<br>0.29<br>-11.62 | 16.18<br>0.29<br>-11.32 | 17.27<br>0.37<br>-11.82 | 17.05<br>0.38<br>-11.57 | 16.56<br>0.55<br>-9.28  | 14.94<br>0.55<br>-7.97  | 15.32<br>0.62<br>-7.54  | 15.16<br>0.44<br>-9.55  | 15.36<br>0.46<br>-9.73  | 15.13<br>0.44<br>-9.59  | 13.93<br>0.45<br>-8.38  | 16.44<br>0.45<br>-10.88 | 19.82<br>0.48<br>-14.23 | 25.10<br>0.70<br>-16.88 | 28.57<br>0.63<br>-20.91 | 30.85<br>1.00<br>-18.35 | 31.67<br>1.00<br>-19.01 | 24.79<br>0.88<br>-13.58 | 21.54<br>0.87<br>-10.31 | 18.69<br>0.72<br>-9.24  |
| KERHONKS_69_KV_TR1_REV_LBMP_G<br>345021 | 19.06<br>0.38<br>-13.59 | 16.93<br>0.35<br>-11.50 | 15.54<br>0.34<br>-10.11 | 14.64<br>0.34<br>-9.23  | 15.07<br>0.29<br>-10.20 | 14.81<br>0.29<br>-9.95  | 15.88<br>0.36<br>-10.44 | 15.70<br>0.39<br>-10.23 | 15.43<br>0.50<br>-8.20  | 13.97<br>0.50<br>-7.04  | 14.37<br>0.55<br>-6.66  | 14.00<br>0.40<br>-8.44  | 14.18<br>0.41<br>-8.59  | 13.95<br>0.38<br>-8.47  | 12.90<br>0.41<br>-7.40  | 15.13<br>0.41<br>-9.62  | 18.14<br>0.46<br>-12.57 | 23.13<br>0.69<br>-14.92 | 26.08<br>0.65<br>-18.41 | 28.64<br>1.02<br>-16.12 | 29.34<br>1.01<br>-16.67 | 23.24<br>0.91<br>-12.00 | 20.32<br>0.86<br>-9.11  | 17.65<br>0.74<br>-8.16  |
| KIAC_JFK_GT1<br>23816                   | 20.98<br>0.38<br>-15.50 | 18.56<br>0.37<br>-13.12 | 16.98<br>0.36<br>-11.54 | 15.95<br>0.34<br>-10.52 | 16.51<br>0.30<br>-11.64 | 16.22<br>0.31<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.44<br>-11.60 | 16.66<br>0.63<br>-9.30  | 15.05<br>0.64<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.22<br>0.49<br>-9.57  | 15.44<br>0.51<br>-9.76  | 15.20<br>0.48<br>-9.62  | 14.00<br>0.50<br>-8.41  | 16.52<br>0.50<br>-10.92 | 19.91<br>0.52<br>-14.27 | 25.20<br>0.75<br>-16.93 | 28.65<br>0.67<br>-20.96 | 30.92<br>1.04<br>-18.38 | 31.76<br>1.06<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.68<br>0.99<br>-10.34 | 18.80<br>0.80<br>-9.25  |
| KIAC_JFK_GT2<br>23817                   | 20.98<br>0.38<br>-15.50 | 18.56<br>0.37<br>-13.12 | 16.98<br>0.36<br>-11.54 | 15.95<br>0.34<br>-10.52 | 16.51<br>0.30<br>-11.64 | 16.22<br>0.31<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.44<br>-11.60 | 16.66<br>0.63<br>-9.30  | 15.05<br>0.64<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.22<br>0.49<br>-9.57  | 15.44<br>0.51<br>-9.76  | 15.20<br>0.48<br>-9.62  | 14.00<br>0.50<br>-8.41  | 16.52<br>0.50<br>-10.92 | 19.91<br>0.52<br>-14.27 | 25.20<br>0.75<br>-16.93 | 28.65<br>0.67<br>-20.96 | 30.92<br>1.04<br>-18.38 | 31.76<br>1.06<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.68<br>0.99<br>-10.34 | 18.80<br>0.80<br>-9.25  |
| KIAC_JFK____<br>323774                  | 20.98<br>0.38<br>-15.50 | 18.56<br>0.37<br>-13.12 | 16.98<br>0.36<br>-11.54 | 15.95<br>0.34<br>-10.52 | 16.51<br>0.30<br>-11.64 | 16.22<br>0.31<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.44<br>-11.60 | 16.66<br>0.63<br>-9.30  | 15.05<br>0.64<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.22<br>0.49<br>-9.57  | 15.44<br>0.51<br>-9.76  | 15.20<br>0.48<br>-9.62  | 14.00<br>0.50<br>-8.41  | 16.52<br>0.50<br>-10.92 | 19.91<br>0.52<br>-14.27 | 25.20<br>0.75<br>-16.93 | 28.65<br>0.67<br>-20.96 | 30.92<br>1.04<br>-18.38 | 31.76<br>1.06<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.68<br>0.99<br>-10.34 | 18.80<br>0.80<br>-9.25  |
| KINTIGH____<br>23543                    | 7.18<br>0.02<br>-2.07   | 6.79<br>-0.04<br>-1.75  | 6.62<br>0.00<br>-1.54   | 6.51<br>0.03<br>-1.40   | 6.14<br>0.02<br>-1.55   | 6.10<br>0.02<br>-1.51   | 6.72<br>0.01<br>-1.62   | 6.70<br>0.02<br>-1.59   | 7.98<br>-0.03<br>-1.28  | 7.53<br>0.01<br>-1.10   | 8.22<br>0.02<br>-1.04   | 6.53<br>0.05<br>-1.31   | 6.56<br>0.05<br>-1.34   | 6.44<br>0.03<br>-1.32   | 6.27<br>0.03<br>-1.15   | 6.64<br>0.05<br>-1.50   | 7.10<br>0.04<br>-1.96   | 9.89<br>0.05<br>-2.32   | 9.88<br>0.01<br>-2.85   | 13.83<br>-0.16<br>-2.49 | 14.03<br>-0.20<br>-2.57 | 12.07<br>-0.12<br>-1.87 | 11.75<br>-0.02<br>-1.42 | 10.05<br>0.03<br>-1.27  |
| KNTFSRNC_46_KV_46KV_LOAD<br>80397       | 5.10<br>0.01<br>0.00    | 5.13<br>0.05<br>0.00    | 5.13<br>0.05<br>0.00    | 5.10<br>0.02<br>0.00    | 4.61<br>0.03<br>0.00    | 4.61<br>0.05<br>0.00    | 5.14<br>0.06<br>0.00    | 5.14<br>0.05<br>0.00    | 6.80<br>0.07<br>0.00    | 6.42<br>-0.01<br>0.00   | 7.13<br>-0.03<br>0.00   | 5.12<br>-0.05<br>0.00   | 5.09<br>-0.09<br>0.00   | 5.04<br>-0.06<br>0.00   | 5.02<br>-0.08<br>0.00   | 5.00<br>-0.10<br>0.00   | 5.01<br>-0.11<br>0.00   | 7.34<br>-0.18<br>0.00   | 6.90<br>-0.12<br>0.00   | 11.42<br>-0.08<br>0.00  | 11.56<br>-0.09<br>0.00  | 10.21<br>-0.12<br>0.00  | 10.19<br>-0.17<br>0.00  | 8.58<br>-0.17<br>0.00   |

|                                    |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| LACHUTE____HYDRO<br>323717         | 25.60<br>0.28<br>-20.23 | 22.46<br>0.26<br>-17.11 | 20.40<br>0.26<br>-15.05 | 19.05<br>0.24<br>-13.73 | 20.02<br>0.27<br>-15.19 | 19.65<br>0.27<br>-14.81 | 21.21<br>0.31<br>-15.81 | 20.85<br>0.27<br>-15.49 | 19.75<br>0.61<br>-12.42 | 17.63<br>0.54<br>-10.67 | 17.82<br>0.58<br>-10.09 | 18.40<br>0.45<br>-12.78 | 18.59<br>0.39<br>-13.02 | 18.32<br>0.39<br>-12.84 | 16.62<br>0.31<br>-11.21 | 19.99<br>0.33<br>-14.56 | 24.41<br>0.26<br>-19.04 | 30.55<br>0.44<br>-22.59 | 34.97<br>0.44<br>-27.51 | 36.15<br>0.77<br>-23.88 | 37.11<br>0.89<br>-24.57 | 29.29<br>0.78<br>-18.18 | 24.91<br>0.76<br>-13.80 | 21.62<br>0.52<br>-12.36 |
| LAWRNCAV_115KV_TB1<br>80681        | 4.82<br>-0.28<br>0.00   | 4.83<br>-0.25<br>0.00   | 4.88<br>-0.20<br>0.00   | 4.87<br>-0.21<br>0.00   | 4.39<br>-0.18<br>0.00   | 4.40<br>-0.17<br>0.00   | 4.87<br>-0.21<br>0.00   | 4.89<br>-0.20<br>0.00   | 6.44<br>-0.29<br>0.00   | 6.11<br>-0.31<br>0.00   | 6.80<br>-0.36<br>0.00   | 4.90<br>-0.27<br>0.00   | 4.90<br>-0.28<br>0.00   | 4.84<br>-0.25<br>0.00   | 4.83<br>-0.27<br>0.00   | 4.82<br>-0.28<br>0.00   | 4.83<br>-0.28<br>0.00   | 7.08<br>-0.44<br>0.00   | 6.65<br>-0.37<br>0.00   | 10.97<br>-0.53<br>0.00  | 11.12<br>-0.54<br>0.00  | 9.85<br>-0.49<br>0.00   | 9.83<br>-0.52<br>0.00   | 8.31<br>-0.43<br>0.00   |
| LEDERLE____<br>23769               | 20.31<br>0.38<br>-14.83 | 17.99<br>0.36<br>-12.55 | 16.47<br>0.35<br>-11.04 | 15.49<br>0.35<br>-10.07 | 16.01<br>0.31<br>-11.13 | 15.73<br>0.30<br>-10.86 | 16.80<br>0.38<br>-11.33 | 16.59<br>0.40<br>-11.10 | 16.19<br>0.56<br>-8.90  | 14.63<br>0.56<br>-7.65  | 15.02<br>0.63<br>-7.23  | 14.78<br>0.46<br>-9.16  | 14.98<br>0.47<br>-9.33  | 14.75<br>0.45<br>-9.20  | 13.59<br>0.46<br>-8.03  | 16.01<br>0.46<br>-10.44 | 19.26<br>0.50<br>-13.65 | 24.44<br>0.73<br>-16.19 | 27.74<br>0.66<br>-20.06 | 30.14<br>1.05<br>-17.59 | 30.93<br>1.05<br>-18.23 | 24.28<br>0.92<br>-13.03 | 21.15<br>0.90<br>-9.89  | 18.34<br>0.74<br>-8.86  |
| LIGHTHSE_115KV_TB6<br>355974       | 6.23<br>-0.07<br>-1.20  | 6.02<br>-0.08<br>-1.02  | 5.92<br>-0.07<br>-0.90  | 5.83<br>-0.07<br>-0.82  | 5.41<br>-0.06<br>-0.90  | 5.38<br>-0.07<br>-0.88  | 5.95<br>-0.08<br>-0.95  | 5.94<br>-0.08<br>-0.93  | 7.36<br>-0.11<br>-0.74  | 6.95<br>-0.11<br>-0.64  | 7.64<br>-0.12<br>-0.60  | 5.84<br>-0.09<br>-0.77  | 5.86<br>-0.09<br>-0.78  | 5.75<br>-0.11<br>-0.77  | 5.65<br>-0.12<br>-0.67  | 5.87<br>-0.10<br>-0.87  | 6.16<br>-0.09<br>-1.14  | 8.74<br>-0.14<br>-1.35  | 8.56<br>-0.12<br>-1.66  | 12.79<br>-0.16<br>-1.45 | 13.00<br>-0.15<br>-1.50 | 11.27<br>-0.14<br>-1.09 | 11.08<br>-0.10<br>-0.83 | 9.40<br>-0.08<br>-0.74  |
| LINDEN COGEN____<br>23786          | 20.96<br>0.37<br>-15.50 | 18.55<br>0.35<br>-13.12 | 16.97<br>0.35<br>-11.54 | 15.95<br>0.34<br>-10.52 | 16.51<br>0.30<br>-11.64 | 16.22<br>0.30<br>-11.35 | 17.30<br>0.38<br>-11.84 | 17.10<br>0.41<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.44<br>0.51<br>-9.76  | 15.20<br>0.48<br>-9.62  | 14.00<br>0.50<br>-8.41  | 16.51<br>0.49<br>-10.92 | 19.91<br>0.53<br>-14.27 | 25.23<br>0.77<br>-16.93 | 28.65<br>0.67<br>-20.96 | 30.94<br>1.06<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.63<br>0.94<br>-10.34 | 18.78<br>0.79<br>-9.25  |
| LINDHRST_69_KV_BK1<br>356055       | 26.82<br>0.54<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.77<br>0.50<br>-15.20 | 20.95<br>0.44<br>-15.93 | 21.00<br>0.44<br>-16.00 | 22.65<br>0.54<br>-17.02 | 18.52<br>0.54<br>-12.88 | 20.01<br>0.80<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.25<br>0.83<br>-10.26 | 18.22<br>0.59<br>-12.46 | 18.54<br>0.61<br>-12.76 | 18.76<br>0.59<br>-13.08 | 18.85<br>0.60<br>-13.15 | 21.18<br>0.60<br>-15.48 | 25.36<br>0.63<br>-19.62 | 28.27<br>0.93<br>-19.82 | 29.25<br>0.86<br>-21.37 | 31.24<br>1.35<br>-18.39 | 34.43<br>1.36<br>-21.41 | 29.98<br>1.19<br>-18.46 | 26.12<br>1.25<br>-14.51 | 20.83<br>1.01<br>-11.07 |
| LIPA_MISC_IPP<br>23656             | 26.84<br>0.56<br>-21.19 | 24.13<br>0.53<br>-18.52 | 24.34<br>0.52<br>-18.73 | 20.78<br>0.50<br>-15.20 | 20.96<br>0.45<br>-15.93 | 21.03<br>0.46<br>-16.00 | 22.66<br>0.56<br>-17.02 | 18.51<br>0.54<br>-12.88 | 20.03<br>0.81<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.23<br>0.81<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.77<br>0.59<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.18<br>0.60<br>-15.48 | 25.36<br>0.62<br>-19.62 | 28.32<br>0.98<br>-19.82 | 29.28<br>0.89<br>-21.37 | 31.29<br>1.40<br>-18.39 | 34.40<br>1.34<br>-21.41 | 29.98<br>1.19<br>-18.46 | 26.20<br>1.33<br>-14.52 | 20.85<br>1.03<br>-11.07 |
| LISF____SOLAR<br>323691            | 26.84<br>0.56<br>-21.19 | 24.14<br>0.53<br>-18.52 | 24.35<br>0.53<br>-18.73 | 20.79<br>0.51<br>-15.20 | 20.97<br>0.46<br>-15.93 | 21.04<br>0.47<br>-16.00 | 22.67<br>0.57<br>-17.02 | 18.52<br>0.55<br>-12.88 | 20.04<br>0.83<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.23<br>0.81<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.77<br>0.60<br>-13.08 | 18.85<br>0.60<br>-13.15 | 21.19<br>0.61<br>-15.48 | 25.37<br>0.63<br>-19.62 | 28.33<br>0.99<br>-19.82 | 29.29<br>0.90<br>-21.37 | 31.31<br>1.41<br>-18.39 | 34.43<br>1.36<br>-21.41 | 30.00<br>1.21<br>-18.46 | 26.22<br>1.35<br>-14.52 | 20.86<br>1.05<br>-11.07 |
| LITTLE FALLS____HYD<br>24013       | 4.99<br>-0.11<br>0.00   | 4.98<br>-0.10<br>0.00   | 5.01<br>-0.08<br>0.00   | 5.00<br>-0.08<br>0.00   | 4.50<br>-0.07<br>0.00   | 4.50<br>-0.07<br>0.00   | 5.00<br>-0.09<br>0.00   | 5.01<br>-0.08<br>0.00   | 6.60<br>-0.13<br>0.00   | 6.29<br>-0.13<br>0.00   | 7.00<br>-0.16<br>0.00   | 5.05<br>-0.12<br>0.00   | 5.05<br>-0.13<br>0.00   | 4.94<br>-0.16<br>0.00   | 4.93<br>-0.16<br>0.00   | 4.94<br>-0.16<br>0.00   | 4.94<br>-0.17<br>0.00   | 7.28<br>-0.24<br>0.00   | 6.81<br>-0.21<br>0.00   | 11.19<br>-0.31<br>0.00  | 11.35<br>-0.30<br>0.00  | 10.10<br>-0.23<br>0.00  | 10.13<br>-0.22<br>0.00  | 8.61<br>-0.13<br>0.00   |
| LITTLRIV_115KV_TB1<br>356100       | 4.85<br>-0.24<br>0.00   | 4.86<br>-0.22<br>0.00   | 4.91<br>-0.17<br>0.00   | 4.91<br>-0.17<br>0.00   | 4.43<br>-0.15<br>0.00   | 4.43<br>-0.14<br>0.00   | 4.89<br>-0.19<br>0.00   | 4.92<br>-0.17<br>0.00   | 6.47<br>-0.26<br>0.00   | 6.14<br>-0.28<br>0.00   | 6.83<br>-0.33<br>0.00   | 4.92<br>-0.25<br>0.00   | 4.91<br>-0.26<br>0.00   | 4.85<br>-0.24<br>0.00   | 4.84<br>-0.25<br>0.00   | 4.84<br>-0.27<br>0.00   | 4.85<br>-0.27<br>0.00   | 7.11<br>-0.41<br>0.00   | 6.68<br>-0.34<br>0.00   | 11.05<br>-0.45<br>0.00  | 11.21<br>-0.44<br>0.00  | 9.92<br>-0.41<br>0.00   | 9.90<br>-0.46<br>0.00   | 8.37<br>-0.37<br>0.00   |
| LI_NEWBRDGE____DRP<br>323616       | 26.74<br>0.46<br>-21.19 | 24.05<br>0.44<br>-18.52 | 24.25<br>0.44<br>-18.73 | 20.70<br>0.43<br>-15.20 | 20.88<br>0.38<br>-15.93 | 20.94<br>0.37<br>-16.00 | 22.57<br>0.46<br>-17.02 | 18.44<br>0.47<br>-12.88 | 19.91<br>0.69<br>-12.49 | 17.40<br>0.67<br>-10.30 | 18.15<br>0.74<br>-10.26 | 18.16<br>0.53<br>-12.46 | 18.48<br>0.54<br>-12.76 | 18.69<br>0.52<br>-13.08 | 18.78<br>0.54<br>-13.15 | 21.11<br>0.53<br>-15.48 | 25.28<br>0.55<br>-19.62 | 28.15<br>0.81<br>-19.82 | 29.13<br>0.74<br>-21.37 | 31.05<br>1.16<br>-18.39 | 34.22<br>1.17<br>-21.40 | 29.81<br>1.02<br>-18.46 | 25.93<br>1.07<br>-14.51 | 20.69<br>0.87<br>-11.07 |
| LOCKPORT_115KV_TB60_63_64<br>80432 | 7.31<br>0.01<br>-2.21   | 6.89<br>-0.06<br>-1.87  | 6.72<br>-0.02<br>-1.65  | 6.60<br>0.02<br>-1.50   | 6.24<br>0.00<br>-1.66   | 6.20<br>0.01<br>-1.62   | 6.81<br>-0.02<br>-1.74  | 6.77<br>-0.02<br>-1.70  | 8.00<br>-0.09<br>-1.36  | 7.56<br>-0.04<br>-1.17  | 8.23<br>-0.04<br>-1.11  | 6.58<br>0.01<br>-1.40   | 6.62<br>0.01<br>-1.43   | 6.50<br>-0.01<br>-1.41  | 6.32<br>-0.01<br>-1.23  | 6.72<br>0.02<br>-1.60   | 7.20<br>0.00<br>-2.09   | 10.01<br>0.01<br>-2.48  | 10.04<br>-0.04<br>-3.06 | 13.92<br>-0.25<br>-2.67 | 14.10<br>-0.31<br>-2.76 | 12.14<br>-0.20<br>-2.00 | 11.79<br>-0.08<br>-1.52 | 10.10<br>0.00<br>-1.36  |
| LOCKPORT____CC1<br>323769          | 7.31<br>-0.02<br>-2.23  | 6.91<br>-0.06<br>-1.89  | 6.73<br>-0.02<br>-1.66  | 6.61<br>0.02<br>-1.51   | 6.26<br>0.01<br>-1.67   | 6.21<br>0.01<br>-1.63   | 6.82<br>-0.02<br>-1.75  | 6.80<br>-0.01<br>-1.71  | 8.01<br>-0.09<br>-1.37  | 7.57<br>-0.03<br>-1.18  | 8.24<br>-0.03<br>-1.12  | 6.60<br>0.02<br>-1.41   | 6.63<br>0.02<br>-1.44   | 6.52<br>0.00<br>-1.42   | 6.33<br>-0.01<br>-1.24  | 6.71<br>0.00<br>-1.61   | 7.22<br>0.01<br>-2.11   | 10.04<br>0.02<br>-2.50  | 10.08<br>-0.02<br>-3.08 | 13.95<br>-0.24<br>-2.69 | 14.13<br>-0.30<br>-2.78 | 12.16<br>-0.19<br>-2.01 | 11.81<br>-0.07<br>-1.53 | 10.12<br>0.01<br>-1.37  |
| LOCKPORT____CC2<br>323770          | 7.31<br>-0.02<br>-2.23  | 6.91<br>-0.06<br>-1.89  | 6.73<br>-0.02<br>-1.66  | 6.61<br>0.02<br>-1.51   | 6.26<br>0.01<br>-1.67   | 6.21<br>0.01<br>-1.63   | 6.82<br>-0.02<br>-1.75  | 6.80<br>-0.01<br>-1.71  | 8.01<br>-0.09<br>-1.37  | 7.57<br>-0.03<br>-1.18  | 8.24<br>-0.03<br>-1.12  | 6.60<br>0.02<br>-1.41   | 6.63<br>0.02<br>-1.44   | 6.52<br>0.00<br>-1.42   | 6.33<br>-0.01<br>-1.24  | 6.71<br>0.00<br>-1.61   | 7.22<br>0.01<br>-2.11   | 10.04<br>0.02<br>-2.50  | 10.08<br>-0.02<br>-3.08 | 13.95<br>-0.24<br>-2.69 | 14.13<br>-0.30<br>-2.78 | 12.16<br>-0.19<br>-2.01 | 11.81<br>-0.07<br>-1.53 | 10.12<br>0.01<br>-1.37  |
| LOCKPORT____CC3<br>323771          | 7.31<br>-0.02<br>-2.23  | 6.91<br>-0.06<br>-1.89  | 6.73<br>-0.02<br>-1.66  | 6.61<br>0.02<br>-1.51   | 6.26<br>0.01<br>-1.67   | 6.21<br>0.01<br>-1.63   | 6.82<br>-0.02<br>-1.75  | 6.80<br>-0.01<br>-1.71  | 8.01<br>-0.09<br>-1.37  | 7.57<br>-0.03<br>-1.18  | 8.24<br>-0.03<br>-1.12  | 6.60<br>0.02<br>-1.41   | 6.63<br>0.02<br>-1.44   | 6.52<br>0.00<br>-1.42   | 6.33<br>-0.01<br>-1.24  | 6.71<br>0.00<br>-1.61   | 7.22<br>0.01<br>-2.11   | 10.04<br>0.02<br>-2.50  | 10.08<br>-0.02<br>-3.08 | 13.95<br>-0.24<br>-2.69 | 14.13<br>-0.30<br>-2.78 | 12.16<br>-0.19<br>-2.01 | 11.81<br>-0.07<br>-1.53 | 10.12<br>0.01<br>-1.37  |

|                                       |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| LONG_LAKE_PHOENIX<br>24014            | 6.35<br>-0.10<br>-1.36  | 6.11<br>-0.12<br>-1.15  | 5.99<br>-0.10<br>-1.01  | 5.90<br>-0.10<br>-0.92  | 5.49<br>-0.10<br>-1.02  | 5.46<br>-0.11<br>-0.99  | 6.05<br>-0.11<br>-1.07  | 6.03<br>-0.11<br>-1.04  | 7.42<br>-0.15<br>-0.84  | 7.01<br>-0.13<br>-0.72  | 7.69<br>-0.14<br>-0.68  | 5.93<br>-0.10<br>-0.86  | 5.96<br>-0.10<br>-0.88  | 5.85<br>-0.12<br>-0.87  | 5.73<br>-0.12<br>-0.76  | 5.98<br>-0.11<br>-0.98  | 6.29<br>-0.11<br>-1.28  | 8.91<br>-0.14<br>-1.52  | 8.75<br>-0.14<br>-1.87  | 12.91<br>-0.23<br>-1.64 | 13.11<br>-0.23<br>-1.69 | 11.35<br>-0.21<br>-1.23 | 11.10<br>-0.19<br>-0.93 | 9.43<br>-0.15<br>-0.83  |
| LOVETT___3<br>23632                   | 20.35<br>0.36<br>-14.90 | 18.03<br>0.35<br>-12.60 | 16.51<br>0.34<br>-11.08 | 15.52<br>0.33<br>-10.11 | 16.04<br>0.29<br>-11.18 | 15.75<br>0.28<br>-10.90 | 16.83<br>0.36<br>-11.38 | 16.62<br>0.38<br>-11.15 | 16.21<br>0.54<br>-8.94  | 14.63<br>0.53<br>-7.68  | 15.02<br>0.60<br>-7.26  | 14.81<br>0.44<br>-9.20  | 15.00<br>0.45<br>-9.37  | 14.77<br>0.43<br>-9.24  | 13.61<br>0.45<br>-8.07  | 16.03<br>0.45<br>-10.48 | 19.29<br>0.48<br>-13.71 | 24.48<br>0.70<br>-16.26 | 27.80<br>0.63<br>-20.14 | 30.17<br>1.00<br>-17.67 | 30.96<br>1.00<br>-18.31 | 24.29<br>0.88<br>-13.08 | 21.15<br>0.86<br>-9.94  | 18.35<br>0.71<br>-8.90  |
| LOVETT___4<br>23642                   | 20.35<br>0.36<br>-14.90 | 18.03<br>0.35<br>-12.60 | 16.51<br>0.34<br>-11.08 | 15.52<br>0.33<br>-10.11 | 16.04<br>0.29<br>-11.18 | 15.75<br>0.28<br>-10.90 | 16.83<br>0.36<br>-11.38 | 16.62<br>0.38<br>-11.15 | 16.21<br>0.54<br>-8.94  | 14.63<br>0.53<br>-7.68  | 15.02<br>0.60<br>-7.26  | 14.81<br>0.44<br>-9.20  | 15.00<br>0.45<br>-9.37  | 14.77<br>0.43<br>-9.24  | 13.61<br>0.45<br>-8.07  | 16.03<br>0.45<br>-10.48 | 19.29<br>0.48<br>-13.71 | 24.48<br>0.70<br>-16.26 | 27.80<br>0.63<br>-20.14 | 30.17<br>1.00<br>-17.67 | 30.96<br>1.00<br>-18.31 | 24.29<br>0.88<br>-13.08 | 21.15<br>0.86<br>-9.94  | 18.35<br>0.71<br>-8.90  |
| LOVETT___5<br>23593                   | 20.35<br>0.36<br>-14.90 | 18.03<br>0.35<br>-12.60 | 16.51<br>0.34<br>-11.08 | 15.52<br>0.33<br>-10.11 | 16.04<br>0.29<br>-11.18 | 15.75<br>0.28<br>-10.90 | 16.83<br>0.36<br>-11.38 | 16.62<br>0.38<br>-11.15 | 16.21<br>0.54<br>-8.94  | 14.63<br>0.53<br>-7.68  | 15.02<br>0.60<br>-7.26  | 14.81<br>0.44<br>-9.20  | 15.00<br>0.45<br>-9.37  | 14.77<br>0.43<br>-9.24  | 13.61<br>0.45<br>-8.07  | 16.03<br>0.45<br>-10.48 | 19.29<br>0.48<br>-13.71 | 24.48<br>0.70<br>-16.26 | 27.80<br>0.63<br>-20.14 | 30.17<br>1.00<br>-17.67 | 30.96<br>1.00<br>-18.31 | 24.29<br>0.88<br>-13.08 | 21.15<br>0.86<br>-9.94  | 18.35<br>0.71<br>-8.90  |
| LOWER_RAQUET___HYD<br>24057           | 4.80<br>-0.30<br>0.00   | 4.80<br>-0.28<br>0.00   | 4.85<br>-0.23<br>0.00   | 4.85<br>-0.23<br>0.00   | 4.37<br>-0.20<br>0.00   | 4.38<br>-0.19<br>0.00   | 4.84<br>-0.24<br>0.00   | 4.86<br>-0.23<br>0.00   | 6.40<br>-0.32<br>0.00   | 6.08<br>-0.35<br>0.00   | 6.76<br>-0.40<br>0.00   | 4.87<br>-0.31<br>0.00   | 4.86<br>-0.32<br>0.00   | 4.81<br>-0.29<br>0.00   | 4.79<br>-0.31<br>0.00   | 4.80<br>-0.31<br>0.00   | 4.80<br>-0.31<br>0.00   | 7.04<br>-0.48<br>0.00   | 6.61<br>-0.41<br>0.00   | 10.91<br>-0.59<br>0.00  | 11.06<br>-0.59<br>0.00  | 9.79<br>-0.54<br>0.00   | 9.77<br>-0.58<br>0.00   | 8.27<br>-0.47<br>0.00   |
| LOWER___HUDSON<br>24059               | 24.98<br>0.17<br>-19.71 | 21.92<br>0.16<br>-16.68 | 19.92<br>0.17<br>-14.67 | 18.63<br>0.17<br>-13.38 | 19.53<br>0.16<br>-14.80 | 19.16<br>0.16<br>-14.43 | 20.57<br>0.21<br>-15.28 | 20.26<br>0.20<br>-14.96 | 19.04<br>0.31<br>-12.00 | 17.01<br>0.28<br>-10.30 | 17.22<br>0.31<br>-9.74  | 17.74<br>0.23<br>-12.34 | 17.97<br>0.22<br>-12.57 | 17.72<br>0.22<br>-12.40 | 16.14<br>0.22<br>-10.83 | 19.39<br>0.22<br>-14.07 | 23.72<br>0.21<br>-18.39 | 29.66<br>0.32<br>-21.82 | 33.79<br>0.30<br>-26.47 | 34.92<br>0.49<br>-22.92 | 35.70<br>0.50<br>-23.54 | 28.34<br>0.45<br>-17.56 | 24.16<br>0.48<br>-13.34 | 21.04<br>0.36<br>-11.94 |
| LOWVILLE_115KV_TB2<br>356335          | 5.66<br>-0.04<br>-0.60  | 5.55<br>-0.04<br>-0.51  | 5.51<br>-0.03<br>-0.45  | 5.47<br>-0.02<br>-0.41  | 5.00<br>-0.02<br>-0.45  | 4.99<br>-0.02<br>-0.44  | 5.50<br>-0.06<br>-0.47  | 5.51<br>-0.04<br>-0.46  | 7.02<br>-0.08<br>-0.37  | 6.65<br>-0.10<br>-0.32  | 7.34<br>-0.12<br>-0.30  | 5.45<br>-0.10<br>-0.38  | 5.46<br>-0.10<br>-0.39  | 5.36<br>-0.12<br>-0.38  | 5.27<br>-0.16<br>-0.34  | 5.43<br>-0.11<br>-0.44  | 5.58<br>-0.10<br>-0.57  | 8.07<br>-0.13<br>-0.68  | 7.77<br>-0.08<br>-0.83  | 12.20<br>-0.02<br>-0.73 | 12.40<br>0.00<br>-0.75  | 10.85<br>-0.02<br>-0.54 | 10.72<br>-0.04<br>-0.41 | 9.09<br>-0.02<br>-0.37  |
| LUTHERFT_115KV_GLOB_FND_222<br>355753 | 25.48<br>0.20<br>-20.18 | 22.35<br>0.20<br>-17.07 | 20.30<br>0.20<br>-15.02 | 18.96<br>0.18<br>-13.70 | 19.90<br>0.18<br>-15.15 | 19.52<br>0.18<br>-14.77 | 21.08<br>0.22<br>-15.77 | 20.73<br>0.20<br>-15.44 | 19.47<br>0.36<br>-12.39 | 17.39<br>0.33<br>-10.63 | 17.58<br>0.37<br>-10.06 | 18.18<br>0.27<br>-12.74 | 18.42<br>0.26<br>-12.98 | 18.15<br>0.25<br>-12.80 | 16.51<br>0.24<br>-11.18 | 19.87<br>0.24<br>-14.52 | 24.32<br>0.22<br>-18.98 | 30.39<br>0.35<br>-22.53 | 34.77<br>0.33<br>-27.42 | 35.85<br>0.55<br>-23.80 | 36.70<br>0.57<br>-24.48 | 28.97<br>0.52<br>-18.12 | 24.64<br>0.53<br>-13.76 | 21.44<br>0.38<br>-12.32 |
| LUTHERNY_35_KV_BK2<br>355980          | 25.48<br>0.21<br>-20.18 | 22.35<br>0.20<br>-17.07 | 20.30<br>0.20<br>-15.02 | 18.96<br>0.18<br>-13.70 | 19.91<br>0.18<br>-15.15 | 19.52<br>0.18<br>-14.77 | 21.08<br>0.23<br>-15.77 | 20.74<br>0.20<br>-15.44 | 19.48<br>0.36<br>-12.39 | 17.39<br>0.33<br>-10.63 | 17.58<br>0.37<br>-10.06 | 18.18<br>0.27<br>-12.74 | 18.42<br>0.26<br>-12.98 | 18.16<br>0.26<br>-12.80 | 16.51<br>0.24<br>-11.18 | 19.87<br>0.24<br>-14.52 | 24.32<br>0.22<br>-18.98 | 30.40<br>0.35<br>-22.53 | 34.78<br>0.34<br>-27.42 | 35.86<br>0.56<br>-23.80 | 36.72<br>0.58<br>-24.48 | 28.98<br>0.53<br>-18.12 | 24.64<br>0.53<br>-13.76 | 21.44<br>0.38<br>-12.32 |
| LWR___OSWEGATCHIE_HYD<br>23850        | 5.35<br>-0.19<br>-0.45  | 5.28<br>-0.18<br>-0.38  | 5.27<br>-0.15<br>-0.33  | 5.23<br>-0.16<br>-0.30  | 4.77<br>-0.14<br>-0.33  | 4.76<br>-0.14<br>-0.33  | 5.26<br>-0.18<br>-0.35  | 5.26<br>-0.18<br>-0.34  | 6.75<br>-0.25<br>-0.28  | 6.40<br>-0.26<br>-0.24  | 7.07<br>-0.31<br>-0.22  | 5.22<br>-0.24<br>-0.28  | 5.22<br>-0.24<br>-0.29  | 5.14<br>-0.24<br>-0.28  | 5.08<br>-0.27<br>-0.25  | 5.17<br>-0.25<br>-0.32  | 5.29<br>-0.24<br>-0.42  | 7.67<br>-0.35<br>-0.50  | 7.35<br>-0.29<br>-0.62  | 11.66<br>-0.38<br>-0.54 | 11.85<br>-0.36<br>-0.56 | 10.40<br>-0.33<br>-0.40 | 10.31<br>-0.35<br>-0.31 | 8.73<br>-0.29<br>-0.27  |
| LYONS_FALL_HYD<br>23570               | 5.66<br>0.00<br>-0.57   | 5.55<br>-0.01<br>-0.48  | 5.51<br>0.00<br>-0.42   | 5.48<br>0.02<br>-0.39   | 5.01<br>0.01<br>-0.43   | 4.99<br>0.00<br>-0.42   | 5.51<br>-0.02<br>-0.45  | 5.53<br>0.00<br>-0.44   | 7.05<br>-0.03<br>-0.35  | 6.69<br>-0.03<br>-0.30  | 7.39<br>-0.06<br>-0.29  | 5.49<br>-0.05<br>-0.36  | 5.50<br>-0.05<br>-0.37  | 5.40<br>-0.06<br>-0.36  | 5.32<br>-0.09<br>-0.32  | 5.45<br>-0.06<br>-0.41  | 5.61<br>-0.05<br>-0.54  | 8.11<br>-0.05<br>-0.64  | 7.79<br>-0.01<br>-0.79  | 12.23<br>0.05<br>-0.69  | 12.43<br>0.07<br>-0.71  | 10.89<br>0.04<br>-0.51  | 10.77<br>0.03<br>-0.39  | 9.14<br>0.05<br>-0.35   |
| MADISON___COUNTY_LFGE<br>323628       | 6.11<br>0.08<br>-0.94   | 5.94<br>0.06<br>-0.79   | 5.85<br>0.07<br>-0.70   | 5.80<br>0.09<br>-0.64   | 5.35<br>0.07<br>-0.70   | 5.32<br>0.07<br>-0.69   | 5.88<br>0.06<br>-0.74   | 5.89<br>0.08<br>-0.72   | 7.38<br>0.07<br>-0.58   | 6.99<br>0.07<br>-0.50   | 7.69<br>0.06<br>-0.47   | 5.81<br>0.05<br>-0.60   | 5.83<br>0.05<br>-0.61   | 5.72<br>0.03<br>-0.60   | 5.64<br>0.02<br>-0.52   | 5.82<br>0.04<br>-0.68   | 6.05<br>0.05<br>-0.89   | 8.66<br>0.09<br>-1.05   | 8.42<br>0.11<br>-1.29   | 12.85<br>0.22<br>-1.13  | 13.06<br>0.23<br>-1.17  | 11.36<br>0.19<br>-0.85  | 11.18<br>0.19<br>-0.64  | 9.51<br>0.19<br>-0.58   |
| MALONE___115KV_TB1<br>356076          | 5.01<br>-0.08<br>0.00   | 5.04<br>-0.05<br>0.00   | 5.05<br>-0.04<br>0.00   | 5.02<br>-0.06<br>0.00   | 4.54<br>-0.03<br>0.00   | 4.55<br>-0.02<br>0.00   | 5.06<br>-0.03<br>0.00   | 5.07<br>-0.02<br>0.00   | 6.69<br>-0.04<br>0.00   | 6.33<br>-0.10<br>0.00   | 7.03<br>-0.13<br>0.00   | 5.05<br>-0.12<br>0.00   | 5.02<br>-0.16<br>0.00   | 4.97<br>-0.12<br>0.00   | 4.96<br>-0.14<br>0.00   | 4.94<br>-0.16<br>0.00   | 4.94<br>-0.17<br>0.00   | 7.25<br>-0.27<br>0.00   | 6.82<br>-0.20<br>0.00   | 11.27<br>-0.23<br>0.00  | 11.41<br>-0.24<br>0.00  | 10.08<br>-0.25<br>0.00  | 10.06<br>-0.29<br>0.00  | 8.48<br>-0.26<br>0.00   |
| MAPLEWOD_115KV_TB3<br>80458           | 24.88<br>0.18<br>-19.61 | 21.84<br>0.17<br>-16.59 | 19.86<br>0.18<br>-14.59 | 18.58<br>0.19<br>-13.31 | 19.47<br>0.18<br>-14.72 | 19.10<br>0.18<br>-14.35 | 20.48<br>0.23<br>-15.16 | 20.17<br>0.23<br>-14.85 | 18.95<br>0.32<br>-11.91 | 16.95<br>0.30<br>-10.23 | 17.16<br>0.33<br>-9.67  | 17.66<br>0.24<br>-12.25 | 17.89<br>0.23<br>-12.48 | 17.64<br>0.23<br>-12.31 | 16.07<br>0.22<br>-10.75 | 19.30<br>0.23<br>-13.97 | 23.60<br>0.23<br>-18.26 | 29.52<br>0.34<br>-21.66 | 33.67<br>0.32<br>-26.33 | 34.86<br>0.53<br>-22.83 | 35.66<br>0.54<br>-23.47 | 28.24<br>0.49<br>-17.43 | 24.10<br>0.51<br>-13.24 | 20.99<br>0.39<br>-11.85 |
| MAPLE_RIDGE_WT_1<br>323574            | 4.93<br>-0.17<br>0.00   | 4.92<br>-0.16<br>0.00   | 4.93<br>-0.15<br>0.00   | 4.93<br>-0.15<br>0.00   | 4.45<br>-0.13<br>0.00   | 4.45<br>-0.12<br>0.00   | 4.95<br>-0.13<br>0.00   | 4.96<br>-0.13<br>0.00   | 6.56<br>-0.16<br>0.00   | 6.27<br>-0.15<br>0.00   | 6.99<br>-0.17<br>0.00   | 5.04<br>-0.13<br>0.00   | 5.03<br>-0.14<br>0.00   | 4.96<br>-0.14<br>0.00   | 4.95<br>-0.14<br>0.00   | 4.95<br>-0.15<br>0.00   | 4.95<br>-0.16<br>0.00   | 7.28<br>-0.24<br>0.00   | 6.82<br>-0.20<br>0.00   | 11.21<br>-0.29<br>0.00  | 11.37<br>-0.28<br>0.00  | 10.08<br>-0.25<br>0.00  | 10.09<br>-0.26<br>0.00  | 8.53<br>-0.21<br>0.00   |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| MAPLE RIDGE_WT_2<br>323611                 | 4.93<br>-0.17<br>0.00   | 4.92<br>-0.16<br>0.00   | 4.93<br>-0.15<br>0.00   | 4.93<br>-0.15<br>0.00   | 4.45<br>-0.13<br>0.00   | 4.45<br>-0.12<br>0.00   | 4.95<br>-0.13<br>0.00   | 4.96<br>-0.13<br>0.00   | 6.56<br>-0.16<br>0.00   | 6.27<br>-0.15<br>0.00   | 6.99<br>-0.17<br>0.00   | 5.04<br>-0.13<br>0.00   | 5.03<br>-0.14<br>0.00   | 4.96<br>-0.14<br>0.00   | 4.95<br>-0.14<br>0.00   | 4.95<br>-0.15<br>0.00   | 4.95<br>-0.16<br>0.00   | 7.28<br>-0.24<br>0.00   | 6.82<br>-0.20<br>0.00   | 11.21<br>-0.29<br>0.00  | 11.37<br>-0.28<br>0.00  | 10.08<br>-0.25<br>0.00  | 10.09<br>-0.26<br>0.00  | 8.53<br>-0.21<br>0.00   |
| MARBLE RIVER_WT_PWR<br>323696              | 5.05<br>-0.04<br>0.00   | 5.08<br>-0.01<br>0.00   | 5.08<br>-0.01<br>0.00   | 5.06<br>-0.03<br>0.00   | 4.56<br>-0.01<br>0.00   | 4.56<br>0.00<br>0.00    | 5.09<br>0.00<br>0.00    | 5.09<br>-0.01<br>0.00   | 6.72<br>-0.01<br>0.00   | 6.36<br>-0.06<br>0.00   | 7.06<br>-0.09<br>0.00   | 5.07<br>-0.10<br>0.00   | 5.04<br>-0.13<br>0.00   | 4.99<br>-0.11<br>0.00   | 4.97<br>-0.12<br>0.00   | 4.96<br>-0.14<br>0.00   | 4.95<br>-0.16<br>0.00   | 7.26<br>-0.26<br>0.00   | 6.83<br>-0.19<br>0.00   | 11.28<br>-0.22<br>0.00  | 11.42<br>-0.23<br>0.00  | 10.09<br>-0.24<br>0.00  | 10.08<br>-0.27<br>0.00  | 8.49<br>-0.25<br>0.00   |
| MARSHVLE_115KV_TB1<br>80742                | 29.64<br>0.43<br>-24.11 | 25.89<br>0.41<br>-20.40 | 23.42<br>0.39<br>-17.94 | 21.84<br>0.39<br>-16.37 | 23.05<br>0.37<br>-18.10 | 22.59<br>0.37<br>-17.65 | 24.48<br>0.40<br>-18.99 | 24.09<br>0.40<br>-18.60 | 22.20<br>0.56<br>-14.92 | 19.76<br>0.53<br>-12.81 | 19.83<br>0.57<br>-12.11 | 20.93<br>0.41<br>-15.34 | 21.21<br>0.40<br>-15.63 | 20.89<br>0.38<br>-15.41 | 18.92<br>0.36<br>-13.46 | 22.96<br>0.37<br>-17.49 | 28.38<br>0.40<br>-22.86 | 35.31<br>0.66<br>-27.13 | 40.87<br>0.65<br>-33.20 | 41.52<br>1.12<br>-28.90 | 42.61<br>1.15<br>-29.80 | 33.16<br>1.00<br>-21.82 | 27.90<br>0.97<br>-16.58 | 24.33<br>0.74<br>-14.84 |
| MARSH_HILL_WT_PWR<br>323713                | 8.16<br>0.12<br>-2.95   | 7.65<br>0.08<br>-2.49   | 7.40<br>0.12<br>-2.19   | 7.22<br>0.14<br>-2.00   | 6.91<br>0.12<br>-2.21   | 6.85<br>0.12<br>-2.16   | 7.54<br>0.13<br>-2.32   | 7.52<br>0.16<br>-2.27   | 8.69<br>0.15<br>-1.82   | 8.15<br>0.17<br>-1.56   | 8.83<br>0.19<br>-1.48   | 7.20<br>0.16<br>-1.87   | 7.24<br>0.16<br>-1.91   | 7.10<br>0.12<br>-1.88   | 6.86<br>0.12<br>-1.64   | 7.37<br>0.14<br>-2.13   | 8.05<br>0.15<br>-2.79   | 11.09<br>0.26<br>-3.31  | 11.32<br>0.22<br>-4.07  | 15.35<br>0.30<br>-3.56  | 15.62<br>0.29<br>-3.67  | 13.29<br>0.30<br>-2.66  | 12.72<br>0.34<br>-2.02  | 10.88<br>0.33<br>-1.81  |
| MCINTYRE_115KV_TB2<br>80467                | 4.91<br>-0.19<br>0.00   | 4.91<br>-0.17<br>0.00   | 4.96<br>-0.12<br>0.00   | 4.95<br>-0.13<br>0.00   | 4.47<br>-0.11<br>0.00   | 4.47<br>-0.10<br>0.00   | 4.94<br>-0.14<br>0.00   | 4.96<br>-0.13<br>0.00   | 6.53<br>-0.20<br>0.00   | 6.21<br>-0.22<br>0.00   | 6.89<br>-0.26<br>0.00   | 4.96<br>-0.21<br>0.00   | 4.96<br>-0.21<br>0.00   | 4.90<br>-0.19<br>0.00   | 4.89<br>-0.21<br>0.00   | 4.88<br>-0.22<br>0.00   | 4.90<br>-0.21<br>0.00   | 7.18<br>-0.34<br>0.00   | 6.76<br>-0.26<br>0.00   | 11.18<br>-0.32<br>0.00  | 11.34<br>-0.31<br>0.00  | 10.02<br>-0.31<br>0.00  | 10.00<br>-0.35<br>0.00  | 8.45<br>-0.29<br>0.00   |
| MECO____69_KV_BK1<br>80468                 | 28.48<br>0.46<br>-22.93 | 24.91<br>0.43<br>-19.40 | 22.57<br>0.42<br>-17.06 | 21.12<br>0.47<br>-15.56 | 22.25<br>0.46<br>-17.21 | 21.82<br>0.47<br>-16.78 | 23.57<br>0.44<br>-18.04 | 23.24<br>0.47<br>-17.67 | 21.49<br>0.59<br>-14.18 | 19.13<br>0.53<br>-12.17 | 19.22<br>0.55<br>-11.51 | 20.16<br>0.41<br>-14.58 | 20.43<br>0.40<br>-14.85 | 20.12<br>0.38<br>-14.65 | 18.23<br>0.34<br>-12.79 | 22.08<br>0.36<br>-16.62 | 27.25<br>0.41<br>-21.73 | 34.01<br>0.71<br>-25.78 | 39.25<br>0.71<br>-31.52 | 40.17<br>1.23<br>-27.44 | 41.20<br>1.27<br>-28.28 | 32.19<br>1.12<br>-20.74 | 27.18<br>1.08<br>-15.75 | 23.76<br>0.91<br>-14.11 |
| MENANDS__115KV_TB5<br>355628               | 24.61<br>0.11<br>-19.40 | 21.60<br>0.11<br>-16.42 | 19.64<br>0.12<br>-14.44 | 18.41<br>0.16<br>-13.17 | 19.28<br>0.14<br>-14.57 | 18.91<br>0.14<br>-14.20 | 20.26<br>0.19<br>-14.98 | 19.96<br>0.19<br>-14.67 | 18.75<br>0.25<br>-11.77 | 16.77<br>0.24<br>-10.11 | 16.98<br>0.26<br>-9.56  | 17.47<br>0.19<br>-12.11 | 17.70<br>0.19<br>-12.33 | 17.45<br>0.19<br>-12.16 | 15.91<br>0.19<br>-10.62 | 19.09<br>0.19<br>-13.80 | 23.34<br>0.18<br>-18.04 | 29.17<br>0.25<br>-21.41 | 33.26<br>0.23<br>-26.01 | 34.41<br>0.37<br>-22.55 | 35.20<br>0.37<br>-23.17 | 27.89<br>0.34<br>-17.22 | 23.81<br>0.38<br>-13.08 | 20.75<br>0.30<br>-11.71 |
| MG INDUSTRY__DRP<br>24185                  | 24.20<br>0.13<br>-18.98 | 21.26<br>0.13<br>-16.06 | 19.35<br>0.14<br>-14.12 | 18.13<br>0.16<br>-12.88 | 18.97<br>0.15<br>-14.25 | 18.61<br>0.15<br>-13.89 | 20.12<br>0.17<br>-14.86 | 19.81<br>0.16<br>-14.55 | 18.62<br>0.22<br>-11.67 | 16.65<br>0.20<br>-10.02 | 16.86<br>0.22<br>-9.48  | 17.34<br>0.17<br>-12.01 | 17.57<br>0.16<br>-12.23 | 17.32<br>0.16<br>-12.06 | 15.78<br>0.15<br>-10.53 | 18.94<br>0.15<br>-13.69 | 23.15<br>0.15<br>-17.89 | 28.96<br>0.21<br>-21.23 | 33.15<br>0.20<br>-25.94 | 34.38<br>0.32<br>-22.56 | 35.22<br>0.33<br>-23.24 | 27.71<br>0.30<br>-17.08 | 23.65<br>0.32<br>-12.97 | 20.61<br>0.25<br>-11.62 |
| MID__OSWEGATCHIE_HYD<br>23849              | 5.35<br>-0.19<br>-0.45  | 5.28<br>-0.18<br>-0.38  | 5.27<br>-0.15<br>-0.33  | 5.23<br>-0.16<br>-0.30  | 4.77<br>-0.14<br>-0.33  | 4.76<br>-0.14<br>-0.33  | 5.26<br>-0.18<br>-0.35  | 5.26<br>-0.18<br>-0.34  | 6.75<br>-0.25<br>-0.28  | 6.40<br>-0.26<br>-0.24  | 7.07<br>-0.31<br>-0.22  | 5.22<br>-0.24<br>-0.28  | 5.22<br>-0.24<br>-0.29  | 5.14<br>-0.24<br>-0.28  | 5.08<br>-0.27<br>-0.25  | 5.17<br>-0.25<br>-0.32  | 5.29<br>-0.24<br>-0.42  | 7.67<br>-0.35<br>-0.50  | 7.35<br>-0.29<br>-0.62  | 11.66<br>-0.38<br>-0.54 | 11.85<br>-0.36<br>-0.56 | 10.40<br>-0.33<br>-0.40 | 10.31<br>-0.35<br>-0.31 | 8.73<br>-0.29<br>-0.27  |
| MID__RAQUETTE_HYD<br>23851                 | 4.79<br>-0.30<br>0.00   | 4.80<br>-0.28<br>0.00   | 4.86<br>-0.23<br>0.00   | 4.85<br>-0.23<br>0.00   | 4.37<br>-0.20<br>0.00   | 4.38<br>-0.19<br>0.00   | 4.84<br>-0.24<br>0.00   | 4.86<br>-0.23<br>0.00   | 6.40<br>-0.32<br>0.00   | 6.08<br>-0.35<br>0.00   | 6.76<br>-0.40<br>0.00   | 4.87<br>-0.31<br>0.00   | 4.86<br>-0.32<br>0.00   | 4.81<br>-0.29<br>0.00   | 4.79<br>-0.31<br>0.00   | 4.79<br>-0.31<br>0.00   | 4.80<br>-0.31<br>0.00   | 7.04<br>-0.48<br>0.00   | 6.61<br>-0.41<br>0.00   | 10.91<br>-0.59<br>0.00  | 11.06<br>-0.59<br>0.00  | 9.79<br>-0.54<br>0.00   | 9.77<br>-0.58<br>0.00   | 8.27<br>-0.47<br>0.00   |
| MILLIKEN__1<br>23584                       | 8.07<br>0.10<br>-2.87   | 7.59<br>0.08<br>-2.43   | 7.32<br>0.10<br>-2.14   | 7.13<br>0.10<br>-1.95   | 6.82<br>0.09<br>-2.16   | 6.75<br>0.08<br>-2.10   | 7.43<br>0.09<br>-2.26   | 7.40<br>0.10<br>-2.21   | 8.61<br>0.11<br>-1.77   | 8.04<br>0.10<br>-1.52   | 8.70<br>0.11<br>-1.44   | 7.07<br>0.08<br>-1.82   | 7.11<br>0.08<br>-1.86   | 6.98<br>0.05<br>-1.83   | 6.75<br>0.05<br>-1.60   | 7.25<br>0.07<br>-2.08   | 7.91<br>0.08<br>-2.72   | 10.91<br>0.17<br>-3.22  | 11.14<br>0.15<br>-3.96  | 15.24<br>0.28<br>-3.46  | 15.51<br>0.28<br>-3.58  | 13.17<br>0.25<br>-2.59  | 12.57<br>0.25<br>-1.97  | 10.73<br>0.23<br>-1.76  |
| MILLIKEN__2<br>23585                       | 8.07<br>0.10<br>-2.87   | 7.59<br>0.08<br>-2.43   | 7.32<br>0.10<br>-2.14   | 7.13<br>0.10<br>-1.95   | 6.82<br>0.09<br>-2.16   | 6.75<br>0.08<br>-2.10   | 7.43<br>0.09<br>-2.26   | 7.40<br>0.10<br>-2.21   | 8.61<br>0.11<br>-1.77   | 8.04<br>0.10<br>-1.52   | 8.70<br>0.11<br>-1.44   | 7.07<br>0.08<br>-1.82   | 7.11<br>0.08<br>-1.86   | 6.98<br>0.05<br>-1.83   | 6.75<br>0.05<br>-1.60   | 7.25<br>0.07<br>-2.08   | 7.91<br>0.08<br>-2.72   | 10.91<br>0.17<br>-3.22  | 11.14<br>0.15<br>-3.96  | 15.24<br>0.28<br>-3.46  | 15.51<br>0.28<br>-3.58  | 13.17<br>0.25<br>-2.59  | 12.57<br>0.25<br>-1.97  | 10.73<br>0.23<br>-1.76  |
| MILLIKEN__DIESEL<br>23629                  | 8.07<br>0.10<br>-2.87   | 7.59<br>0.08<br>-2.43   | 7.32<br>0.10<br>-2.14   | 7.13<br>0.10<br>-1.95   | 6.82<br>0.09<br>-2.16   | 6.75<br>0.08<br>-2.10   | 7.43<br>0.09<br>-2.26   | 7.40<br>0.10<br>-2.21   | 8.61<br>0.11<br>-1.77   | 8.04<br>0.10<br>-1.52   | 8.70<br>0.11<br>-1.44   | 7.07<br>0.08<br>-1.82   | 7.11<br>0.08<br>-1.86   | 6.98<br>0.05<br>-1.83   | 6.75<br>0.05<br>-1.60   | 7.25<br>0.07<br>-2.08   | 7.91<br>0.08<br>-2.72   | 10.91<br>0.17<br>-3.22  | 11.14<br>0.15<br>-3.96  | 15.24<br>0.28<br>-3.46  | 15.51<br>0.28<br>-3.58  | 13.17<br>0.25<br>-2.59  | 12.57<br>0.25<br>-1.97  | 10.73<br>0.23<br>-1.76  |
| MILLSEAT__LFGE<br>323607                   | 7.31<br>0.06<br>-2.16   | 6.91<br>0.01<br>-1.82   | 6.74<br>0.05<br>-1.60   | 6.62<br>0.08<br>-1.46   | 6.25<br>0.06<br>-1.62   | 6.21<br>0.06<br>-1.58   | 6.83<br>0.05<br>-1.69   | 6.81<br>0.06<br>-1.66   | 8.03<br>-0.03<br>-1.33  | 7.60<br>0.03<br>-1.14   | 8.28<br>0.04<br>-1.08   | 6.59<br>0.06<br>-1.37   | 6.63<br>0.06<br>-1.39   | 6.51<br>0.04<br>-1.37   | 6.33<br>0.04<br>-1.20   | 6.71<br>0.05<br>-1.56   | 7.20<br>0.05<br>-2.04   | 10.02<br>0.08<br>-2.42  | 10.05<br>0.06<br>-2.98  | 14.02<br>-0.08<br>-2.60 | 14.24<br>-0.11<br>-2.69 | 12.25<br>-0.03<br>-1.95 | 11.89<br>0.06<br>-1.48  | 10.18<br>0.11<br>-1.33  |
| MILLWOOD_138_KV_38W41_REV_LBMP_H<br>345005 | 20.86<br>0.36<br>-15.41 | 18.46<br>0.34<br>-13.04 | 16.88<br>0.33<br>-11.47 | 15.86<br>0.32<br>-10.46 | 16.43<br>0.28<br>-11.57 | 16.13<br>0.28<br>-11.28 | 17.21<br>0.36<br>-11.77 | 16.99<br>0.37<br>-11.53 | 16.51<br>0.54<br>-9.25  | 14.90<br>0.53<br>-7.94  | 15.27<br>0.60<br>-7.51  | 15.12<br>0.43<br>-9.51  | 15.31<br>0.45<br>-9.69  | 15.08<br>0.43<br>-9.55  | 13.88<br>0.44<br>-8.34  | 16.38<br>0.44<br>-10.84 | 19.75<br>0.47<br>-14.17 | 25.02<br>0.68<br>-16.82 | 28.47<br>0.62<br>-20.83 | 30.75<br>0.98<br>-18.28 | 31.57<br>0.98<br>-18.94 | 24.72<br>0.86<br>-13.53 | 21.48<br>0.85<br>-10.27 | 18.64<br>0.70<br>-9.20  |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| MILLWOOD_13_KV_LOAD<br>356217            | 20.87<br>0.37<br>-15.41 | 18.46<br>0.35<br>-13.04 | 16.89<br>0.34<br>-11.47 | 15.87<br>0.33<br>-10.46 | 16.43<br>0.29<br>-11.57 | 16.13<br>0.28<br>-11.28 | 17.22<br>0.36<br>-11.77 | 17.00<br>0.38<br>-11.53 | 16.51<br>0.54<br>-9.25  | 14.90<br>0.53<br>-7.94  | 15.28<br>0.62<br>-7.51  | 15.12<br>0.44<br>-9.51  | 15.32<br>0.46<br>-9.69  | 15.08<br>0.43<br>-9.55  | 13.88<br>0.44<br>-8.34  | 16.39<br>0.44<br>-10.84 | 19.75<br>0.47<br>-14.17 | 25.03<br>0.69<br>-16.82 | 28.48<br>0.62<br>-20.83 | 30.79<br>1.01<br>-18.28 | 31.59<br>1.00<br>-18.94 | 24.74<br>0.88<br>-13.53 | 21.50<br>0.87<br>-10.27 | 18.65<br>0.71<br>-9.20  |
| MODEL_CITY_ENERGY<br>24167               | 7.28<br>-0.06<br>-2.24  | 6.88<br>-0.10<br>-1.90  | 6.70<br>-0.06<br>-1.67  | 6.58<br>-0.02<br>-1.52  | 6.23<br>-0.03<br>-1.68  | 6.19<br>-0.02<br>-1.64  | 6.79<br>-0.06<br>-1.76  | 6.76<br>-0.06<br>-1.72  | 7.94<br>-0.17<br>-1.38  | 7.51<br>-0.10<br>-1.19  | 8.18<br>-0.10<br>-1.12  | 6.56<br>-0.04<br>-1.42  | 6.59<br>-0.04<br>-1.45  | 6.47<br>-0.05<br>-1.43  | 6.29<br>-0.06<br>-1.25  | 6.68<br>-0.05<br>-1.62  | 7.19<br>-0.05<br>-2.12  | 9.97<br>-0.06<br>-2.52  | 10.02<br>-0.10<br>-3.10 | 13.83<br>-0.37<br>-2.70 | 14.02<br>-0.43<br>-2.79 | 12.06<br>-0.30<br>-2.03 | 11.70<br>-0.19<br>-1.54 | 10.03<br>-0.09<br>-1.38 |
| MODERN_LFGE_<br>323580                   | 7.28<br>-0.06<br>-2.24  | 6.88<br>-0.10<br>-1.90  | 6.70<br>-0.06<br>-1.67  | 6.58<br>-0.02<br>-1.52  | 6.23<br>-0.03<br>-1.68  | 6.19<br>-0.02<br>-1.64  | 6.79<br>-0.06<br>-1.76  | 6.76<br>-0.06<br>-1.72  | 7.94<br>-0.17<br>-1.38  | 7.51<br>-0.10<br>-1.19  | 8.18<br>-0.10<br>-1.12  | 6.56<br>-0.04<br>-1.42  | 6.59<br>-0.04<br>-1.45  | 6.47<br>-0.05<br>-1.43  | 6.29<br>-0.06<br>-1.25  | 6.68<br>-0.05<br>-1.62  | 7.19<br>-0.05<br>-2.12  | 9.97<br>-0.06<br>-2.52  | 10.02<br>-0.10<br>-3.10 | 13.83<br>-0.37<br>-2.70 | 14.02<br>-0.43<br>-2.79 | 12.06<br>-0.30<br>-2.03 | 11.70<br>-0.19<br>-1.54 | 10.03<br>-0.09<br>-1.38 |
| MOHAWK_PAPER___DRP<br>24187              | 24.88<br>0.18<br>-19.61 | 21.84<br>0.17<br>-16.59 | 19.86<br>0.18<br>-14.59 | 18.58<br>0.19<br>-13.31 | 19.47<br>0.18<br>-14.72 | 19.10<br>0.18<br>-14.35 | 20.48<br>0.23<br>-15.16 | 20.17<br>0.23<br>-14.85 | 18.95<br>0.32<br>-11.91 | 16.95<br>0.30<br>-10.23 | 17.16<br>0.33<br>-9.67  | 17.66<br>0.24<br>-12.25 | 17.89<br>0.23<br>-12.48 | 17.64<br>0.23<br>-12.31 | 16.07<br>0.22<br>-10.75 | 19.30<br>0.23<br>-13.97 | 23.60<br>0.23<br>-18.26 | 29.52<br>0.34<br>-21.66 | 33.67<br>0.32<br>-26.33 | 34.86<br>0.53<br>-22.83 | 35.66<br>0.54<br>-23.47 | 28.24<br>0.49<br>-17.43 | 24.10<br>0.51<br>-13.24 | 20.99<br>0.39<br>-11.85 |
| MOHICAN___35_KV_115KV_LD<br>80490        | 25.43<br>0.13<br>-20.21 | 22.30<br>0.12<br>-17.10 | 20.24<br>0.12<br>-15.04 | 18.90<br>0.10<br>-13.72 | 19.86<br>0.11<br>-15.17 | 19.47<br>0.11<br>-14.79 | 21.03<br>0.15<br>-15.79 | 20.68<br>0.12<br>-15.47 | 19.49<br>0.36<br>-12.41 | 17.40<br>0.33<br>-10.65 | 17.58<br>0.35<br>-10.07 | 18.20<br>0.27<br>-12.76 | 18.43<br>0.25<br>-13.00 | 18.16<br>0.24<br>-12.82 | 16.50<br>0.21<br>-11.20 | 19.87<br>0.22<br>-14.55 | 24.27<br>0.14<br>-19.02 | 30.32<br>0.24<br>-22.56 | 34.73<br>0.24<br>-27.47 | 35.77<br>0.43<br>-23.85 | 36.64<br>0.45<br>-24.53 | 28.90<br>0.41<br>-18.15 | 24.53<br>0.39<br>-13.79 | 21.33<br>0.24<br>-12.35 |
| MONGAUP___HYD<br>23641                   | 19.13<br>0.31<br>-13.72 | 16.98<br>0.29<br>-11.61 | 15.58<br>0.28<br>-10.21 | 14.68<br>0.28<br>-9.31  | 15.12<br>0.24<br>-10.30 | 14.86<br>0.25<br>-10.04 | 15.89<br>0.31<br>-10.50 | 15.69<br>0.32<br>-10.28 | 15.41<br>0.43<br>-8.25  | 13.92<br>0.42<br>-7.08  | 14.32<br>0.46<br>-6.70  | 13.99<br>0.34<br>-8.49  | 14.16<br>0.34<br>-8.64  | 13.94<br>0.32<br>-8.52  | 12.88<br>0.34<br>-7.44  | 15.10<br>0.33<br>-9.67  | 18.12<br>0.36<br>-12.64 | 23.07<br>0.55<br>-15.00 | 26.06<br>0.46<br>-18.58 | 28.53<br>0.74<br>-16.29 | 29.37<br>0.84<br>-16.88 | 23.16<br>0.76<br>-12.07 | 20.25<br>0.74<br>-9.17  | 17.55<br>0.60<br>-8.21  |
| MONTAUK___DIESEL<br>23721                | 27.03<br>0.74<br>-21.19 | 24.30<br>0.70<br>-18.52 | 24.52<br>0.70<br>-18.73 | 20.93<br>0.66<br>-15.20 | 21.10<br>0.59<br>-15.93 | 21.16<br>0.60<br>-16.00 | 22.83<br>0.73<br>-17.02 | 18.67<br>0.70<br>-12.88 | 20.26<br>1.05<br>-12.49 | 17.72<br>0.99<br>-10.30 | 18.46<br>1.04<br>-10.26 | 18.38<br>0.75<br>-12.46 | 18.70<br>0.76<br>-12.76 | 18.93<br>0.75<br>-13.08 | 19.00<br>0.75<br>-13.15 | 21.36<br>0.78<br>-15.48 | 25.54<br>0.81<br>-19.62 | 28.63<br>1.29<br>-19.82 | 29.57<br>1.18<br>-21.37 | 31.75<br>1.86<br>-18.39 | 34.88<br>1.82<br>-21.41 | 30.39<br>1.60<br>-18.46 | 26.61<br>1.74<br>-14.52 | 21.14<br>1.33<br>-11.07 |
| MOONROAD_115KV_HARTFLD_TB1-2<br>355988   | 7.73<br>0.08<br>-2.56   | 7.26<br>0.02<br>-2.16   | 7.04<br>0.06<br>-1.90   | 6.88<br>0.06<br>-1.74   | 6.53<br>0.04<br>-1.92   | 6.49<br>0.05<br>-1.87   | 7.18<br>0.09<br>-2.01   | 7.18<br>0.12<br>-1.97   | 8.44<br>0.14<br>-1.58   | 7.94<br>0.17<br>-1.35   | 8.63<br>0.19<br>-1.28   | 6.97<br>0.18<br>-1.62   | 6.99<br>0.17<br>-1.65   | 6.86<br>0.14<br>-1.63   | 6.63<br>0.11<br>-1.42   | 7.09<br>0.14<br>-1.85   | 7.66<br>0.13<br>-2.42   | 10.58<br>0.20<br>-2.87  | 10.74<br>0.19<br>-3.53  | 14.77<br>0.18<br>-3.08  | 14.94<br>0.10<br>-3.18  | 12.86<br>0.22<br>-2.31  | 12.42<br>0.31<br>-1.75  | 10.64<br>0.33<br>-1.57  |
| MORTIMER_115KV_TB3<br>55949              | 7.04<br>0.06<br>-1.88   | 6.68<br>0.01<br>-1.59   | 6.53<br>0.05<br>-1.40   | 6.42<br>0.06<br>-1.28   | 6.03<br>0.05<br>-1.41   | 5.99<br>0.04<br>-1.38   | 6.60<br>0.31<br>-1.48   | 6.58<br>0.04<br>-1.45   | 7.90<br>0.01<br>-1.16   | 7.46<br>0.04<br>-1.00   | 8.17<br>0.06<br>-0.94   | 6.42<br>0.06<br>-1.20   | 6.45<br>0.06<br>-1.22   | 6.34<br>0.04<br>-1.20   | 6.19<br>0.04<br>-1.05   | 6.53<br>0.06<br>-1.36   | 6.94<br>0.05<br>-1.78   | 9.72<br>0.08<br>-2.11   | 9.67<br>0.05<br>-2.60   | 13.74<br>-0.03<br>-2.27 | 13.96<br>-0.03<br>-2.35 | 12.04<br>0.01<br>-1.70  | 11.72<br>0.07<br>-1.29  | 9.99<br>0.10<br>-1.16   |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J<br>345006 | 20.99<br>0.39<br>-15.51 | 18.57<br>0.37<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.96<br>0.35<br>-10.52 | 16.53<br>0.31<br>-11.64 | 16.22<br>0.31<br>-11.35 | 17.31<br>0.39<br>-11.84 | 17.10<br>0.41<br>-11.60 | 16.62<br>0.59<br>-9.30  | 14.99<br>0.58<br>-7.99  | 15.38<br>0.67<br>-7.55  | 15.22<br>0.48<br>-9.57  | 15.41<br>0.49<br>-9.74  | 15.18<br>0.47<br>-9.60  | 13.97<br>0.49<br>-8.39  | 16.48<br>0.48<br>-10.90 | 19.87<br>0.51<br>-14.25 | 25.18<br>0.75<br>-16.91 | 28.66<br>0.68<br>-20.96 | 30.95<br>1.07<br>-18.39 | 31.79<br>1.08<br>-19.05 | 24.88<br>0.94<br>-13.61 | 21.62<br>0.93<br>-10.34 | 18.77<br>0.77<br>-9.26  |
| MUNSVILLE_WIND_PWR<br>323609             | 9.56<br>0.35<br>-4.12   | 8.90<br>0.33<br>-3.48   | 8.49<br>0.34<br>-3.06   | 8.24<br>0.37<br>-2.80   | 7.97<br>0.31<br>-3.09   | 7.88<br>0.30<br>-3.01   | 8.62<br>0.31<br>-3.23   | 8.60<br>0.35<br>-3.17   | 9.66<br>0.40<br>-2.54   | 8.94<br>0.34<br>-2.18   | 9.53<br>0.31<br>-2.06   | 7.99<br>0.21<br>-2.61   | 8.05<br>0.22<br>-2.66   | 7.86<br>0.14<br>-2.62   | 7.53<br>0.14<br>-2.29   | 8.24<br>0.16<br>-2.98   | 9.20<br>0.20<br>-3.89   | 12.50<br>0.36<br>-4.62  | 13.12<br>0.42<br>-5.68  | 17.32<br>0.86<br>-4.96  | 17.71<br>0.93<br>-5.12  | 14.80<br>0.75<br>-3.71  | 13.91<br>0.74<br>-2.82  | 11.95<br>0.68<br>-2.53  |
| N SALMON___HYD<br>24042                  | 5.02<br>-0.08<br>0.00   | 5.04<br>-0.05<br>0.00   | 5.05<br>-0.04<br>0.00   | 5.03<br>-0.06<br>0.00   | 4.54<br>-0.03<br>0.00   | 4.55<br>-0.02<br>0.00   | 5.06<br>-0.03<br>0.00   | 5.07<br>-0.03<br>0.00   | 6.69<br>-0.04<br>0.00   | 6.33<br>-0.10<br>0.00   | 7.03<br>-0.13<br>0.00   | 5.05<br>-0.12<br>0.00   | 5.02<br>-0.16<br>0.00   | 4.97<br>-0.12<br>0.00   | 4.96<br>-0.14<br>0.00   | 4.95<br>-0.15<br>0.00   | 4.94<br>-0.17<br>0.00   | 7.25<br>-0.27<br>0.00   | 6.82<br>-0.20<br>0.00   | 11.27<br>-0.23<br>0.00  | 11.41<br>-0.25<br>0.00  | 10.08<br>-0.25<br>0.00  | 10.06<br>-0.29<br>0.00  | 8.48<br>-0.26<br>0.00   |
| N.AKRON___115KV_KNAPP<br>355671          | 7.33<br>0.07<br>-2.17   | 6.92<br>0.01<br>-1.83   | 6.75<br>0.05<br>-1.61   | 6.64<br>0.09<br>-1.47   | 6.27<br>0.06<br>-1.63   | 6.22<br>0.06<br>-1.59   | 6.84<br>0.05<br>-1.71   | 6.81<br>0.05<br>-1.67   | 8.06<br>-0.01<br>-1.34  | 7.60<br>0.03<br>-1.15   | 8.29<br>0.04<br>-1.09   | 6.60<br>0.06<br>-1.38   | 6.63<br>0.06<br>-1.40   | 6.52<br>0.04<br>-1.38   | 6.34<br>0.04<br>-1.21   | 6.74<br>0.07<br>-1.57   | 7.21<br>0.05<br>-2.05   | 10.04<br>0.09<br>-2.43  | 10.07<br>0.06<br>-3.00  | 14.02<br>-0.09<br>-2.62 | 14.24<br>-0.12<br>-2.70 | 12.25<br>-0.04<br>-1.96 | 11.90<br>0.06<br>-1.49  | 10.20<br>0.12<br>-1.33  |
| N.BELMOR_69_KV_BK1<br>55787              | 26.77<br>0.49<br>-21.19 | 24.08<br>0.47<br>-18.52 | 24.28<br>0.46<br>-18.73 | 20.73<br>0.45<br>-15.20 | 20.91<br>0.40<br>-15.93 | 20.96<br>0.40<br>-16.00 | 22.60<br>0.49<br>-17.02 | 18.47<br>0.50<br>-12.88 | 19.95<br>0.73<br>-12.49 | 17.44<br>0.71<br>-10.30 | 18.20<br>0.79<br>-10.26 | 18.19<br>0.56<br>-12.46 | 18.51<br>0.57<br>-12.76 | 18.73<br>0.56<br>-13.08 | 18.82<br>0.57<br>-13.15 | 21.15<br>0.57<br>-15.48 | 25.32<br>0.59<br>-19.62 | 28.21<br>0.87<br>-19.82 | 29.17<br>0.79<br>-21.37 | 31.13<br>1.24<br>-18.39 | 34.32<br>1.26<br>-21.40 | 29.89<br>1.11<br>-18.46 | 26.00<br>1.14<br>-14.51 | 20.75<br>0.94<br>-11.07 |
| N.E._GEN_SANDY PD<br>24062               | 23.00<br>0.23<br>-17.67 | 20.25<br>0.22<br>-14.95 | 18.46<br>0.22<br>-13.15 | 17.30<br>0.22<br>-12.00 | 18.04<br>0.20<br>-13.27 | 17.70<br>0.20<br>-12.94 | 18.57<br>0.28<br>-13.20 | 18.30<br>0.28<br>-12.93 | 17.50<br>0.40<br>-10.37 | 15.71<br>0.38<br>-8.90  | 16.00<br>0.42<br>-8.42  | 16.14<br>0.30<br>-10.67 | 16.35<br>0.31<br>-10.87 | 16.11<br>0.30<br>-10.72 | 14.76<br>0.31<br>-9.36  | 17.57<br>0.31<br>-12.16 | 21.32<br>0.31<br>-15.89 | 26.83<br>0.45<br>-18.86 | 28.84<br>0.41<br>-21.41 | 29.92<br>0.67<br>-17.75 | 30.00<br>0.66<br>-17.68 | 26.10<br>0.60<br>-15.17 | 22.51<br>0.63<br>-11.52 | 19.57<br>0.51<br>-10.32 |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| N. HEMPST_138_KV_BK345_REV_LBMP_G<br>345014 | 20.33<br>0.36<br>-14.87 | 18.01<br>0.35<br>-12.58 | 16.49<br>0.34<br>-11.07 | 15.51<br>0.33<br>-10.10 | 16.03<br>0.29<br>-11.17 | 15.74<br>0.29<br>-10.89 | 16.82<br>0.36<br>-11.37 | 16.61<br>0.38<br>-11.13 | 16.19<br>0.54<br>-8.93  | 14.62<br>0.53<br>-7.67  | 15.01<br>0.60<br>-7.25 | 14.79<br>0.44<br>-9.18  | 14.98<br>0.45<br>-9.36  | 14.75<br>0.43<br>-9.23  | 13.60<br>0.45<br>-8.06  | 16.02<br>0.45<br>-10.47 | 19.27<br>0.48<br>-13.69 | 24.46<br>0.70<br>-16.24 | 27.77<br>0.63<br>-20.12 | 30.14<br>1.00<br>-17.64 | 30.94<br>1.00<br>-18.28 | 24.27<br>0.88<br>-13.06 | 21.13<br>0.86<br>-9.92  | 18.34<br>0.72<br>-8.89  |
| N. QUEENS_27_KV_LOAD<br>356247              | 21.01<br>0.41<br>-15.51 | 18.61<br>0.41<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.56<br>0.35<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.31<br>0.38<br>-11.84 | 17.09<br>0.40<br>-11.60 | 16.63<br>0.60<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55 | 15.23<br>0.49<br>-9.57  | 15.45<br>0.51<br>-9.76  | 15.22<br>0.49<br>-9.63  | 14.03<br>0.52<br>-8.41  | 16.54<br>0.52<br>-10.92 | 19.92<br>0.55<br>-14.26 | 25.26<br>0.82<br>-16.92 | 28.69<br>0.71<br>-20.96 | 30.99<br>1.10<br>-18.38 | 31.81<br>1.11<br>-19.05 | 24.88<br>0.94<br>-13.61 | 21.63<br>0.94<br>-10.34 | 18.82<br>0.81<br>-9.26  |
| N. TROY___115KV_TB1<br>355778               | 24.98<br>0.17<br>-19.71 | 21.92<br>0.16<br>-16.68 | 19.92<br>0.17<br>-14.67 | 18.63<br>0.17<br>-13.38 | 19.53<br>0.16<br>-14.80 | 19.16<br>0.16<br>-14.43 | 20.57<br>0.21<br>-15.28 | 20.26<br>0.20<br>-14.96 | 19.03<br>0.30<br>-12.00 | 17.01<br>0.28<br>-10.30 | 17.22<br>0.31<br>-9.74 | 17.74<br>0.23<br>-12.34 | 17.97<br>0.22<br>-12.57 | 17.72<br>0.22<br>-12.40 | 16.14<br>0.22<br>-10.83 | 19.39<br>0.22<br>-14.07 | 23.72<br>0.21<br>-18.39 | 29.66<br>0.32<br>-21.82 | 33.79<br>0.30<br>-26.47 | 34.92<br>0.49<br>-22.92 | 35.70<br>0.50<br>-23.54 | 28.34<br>0.45<br>-17.56 | 24.16<br>0.48<br>-13.34 | 21.04<br>0.36<br>-11.94 |
| NARROWS_GT1_1<br>24228                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NARROWS_GT1_2<br>24229                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NARROWS_GT1_3<br>24230                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NARROWS_GT1_4<br>24231                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NARROWS_GT1_5<br>24232                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NARROWS_GT1_6<br>24233                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NARROWS_GT1_7<br>24234                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NARROWS_GT1_8<br>24235                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NARROWS_GT2_1<br>24236                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NARROWS_GT2_2<br>24237                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NARROWS_GT2_3<br>24238                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NARROWS_GT2_4<br>24239                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT2_5<br>24240                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NARROWS_GT2_6<br>24241                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NARROWS_GT2_7<br>24242                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NARROWS_GT2_8<br>24243                      | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55 | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G<br>345022 | 23.32<br>0.13<br>-18.09 | 20.51<br>0.13<br>-15.30 | 18.69<br>0.14<br>-13.46 | 17.52<br>0.16<br>-12.28 | 18.30<br>0.14<br>-13.58 | 17.96<br>0.15<br>-13.24 | 19.36<br>0.20<br>-14.07 | 19.05<br>0.18<br>-13.78 | 18.02<br>0.24<br>-11.05 | 16.12<br>0.21<br>-9.49  | 16.33<br>0.20<br>-8.97 | 16.70<br>0.16<br>-11.37 | 16.90<br>0.14<br>-11.58 | 16.65<br>0.14<br>-11.42 | 15.20<br>0.14<br>-9.97  | 18.20<br>0.14<br>-12.95 | 22.20<br>0.15<br>-16.94 | 27.84<br>0.23<br>-20.09 | 31.84<br>0.25<br>-24.58 | 33.28<br>0.39<br>-21.39 | 34.08<br>0.38<br>-22.04 | 26.88<br>0.38<br>-16.17 | 22.99<br>0.36<br>-12.28 | 19.99<br>0.25<br>-11.00 |
| NCHELSEA_115KV_TR2<br>355582                | 20.90<br>0.37<br>-15.44 | 18.49<br>0.35<br>-13.06 | 16.92<br>0.34<br>-11.49 | 15.89<br>0.33<br>-10.48 | 16.45<br>0.29<br>-11.59 | 16.15<br>0.28<br>-11.30 | 17.25<br>0.37<br>-11.79 | 17.02<br>0.38<br>-11.55 | 16.52<br>0.52<br>-9.26  | 14.90<br>0.52<br>-7.96  | 15.26<br>0.58<br>-7.52 | 15.12<br>0.42<br>-9.53  | 15.31<br>0.43<br>-9.71  | 15.07<br>0.40<br>-9.57  | 13.88<br>0.42<br>-8.36  | 16.39<br>0.42<br>-10.86 | 19.78<br>0.47<br>-14.20 | 25.05<br>0.68<br>-16.85 | 28.48<br>0.62<br>-20.83 | 30.74<br>0.99<br>-18.25 | 31.53<br>0.98<br>-18.89 | 24.77<br>0.89<br>-13.55 | 21.51<br>0.86<br>-10.30 | 18.66<br>0.70<br>-9.22  |
| NEG CAPITAL___MECHNVIL<br>23645             | 25.34<br>0.21<br>-20.04 | 22.23<br>0.20<br>-16.95 | 20.19<br>0.20<br>-14.91 | 18.87<br>0.19<br>-13.60 | 19.80<br>0.19<br>-15.04 | 19.42<br>0.19<br>-14.67 | 20.94<br>0.23<br>-15.62 | 20.60<br>0.21<br>-15.30 | 19.36<br>0.36<br>-12.27 | 17.29<br>0.33<br>-10.53 | 17.48<br>0.36<br>-9.96 | 18.06<br>0.27<br>-12.62 | 18.29<br>0.26<br>-12.85 | 18.03<br>0.26<br>-12.68 | 16.41<br>0.24<br>-11.07 | 19.73<br>0.24<br>-14.38 | 24.15<br>0.23<br>-18.80 | 30.19<br>0.36<br>-22.31 | 34.49<br>0.34<br>-27.13 | 35.61<br>0.59<br>-23.52 | 36.43<br>0.59<br>-24.19 | 28.82<br>0.54<br>-17.95 | 24.52<br>0.54<br>-13.63 | 21.34<br>0.39<br>-12.21 |
| NEG CENTRAL_HIGH_ACRES<br>23767             | 6.86<br>-0.08<br>-1.84  | 6.53<br>-0.11<br>-1.56  | 6.37<br>-0.08<br>-1.37  | 6.26<br>-0.07<br>-1.25  | 5.89<br>-0.06<br>-1.38  | 5.86<br>-0.05<br>-1.35  | 6.49<br>-0.05<br>-1.45  | 6.50<br>-0.01<br>-1.42  | 7.80<br>-0.06<br>-1.14  | 7.38<br>-0.02<br>-0.98  | 8.07<br>-0.01<br>-0.92 | 6.34<br>0.01<br>-1.17   | 6.37<br>0.01<br>-1.19   | 6.26<br>-0.02<br>-1.17  | 6.11<br>-0.02<br>-1.02  | 6.41<br>-0.03<br>-1.33  | 6.83<br>-0.02<br>-1.74  | 9.57<br>-0.02<br>-2.07  | 9.52<br>-0.04<br>-2.54  | 13.57<br>-0.15<br>-2.22 | 13.81<br>-0.14<br>-2.29 | 11.87<br>-0.12<br>-1.66 | 11.51<br>-0.10<br>-1.26 | 9.80<br>-0.07<br>-1.13  |
| NEG CENTRAL___DRP<br>24199                  | 7.11<br>0.03<br>-1.99   | 6.76<br>0.00<br>-1.68   | 6.58<br>0.02<br>-1.48   | 6.46<br>0.03<br>-1.35   | 6.09<br>0.02<br>-1.49   | 6.04<br>0.02<br>-1.45   | 6.67<br>0.03<br>-1.56   | 6.66<br>0.04<br>-1.53   | 7.98<br>0.03<br>-1.23   | 7.51<br>0.04<br>-1.05   | 8.20<br>0.05<br>-1.00  | 6.47<br>0.04<br>-1.26   | 6.50<br>0.04<br>-1.28   | 6.38<br>0.02<br>-1.27   | 6.22<br>0.02<br>-1.11   | 6.58<br>0.04<br>-1.44   | 7.03<br>0.04<br>-1.88   | 9.84<br>0.09<br>-2.23   | 9.83<br>0.07<br>-2.74   | 13.99<br>0.09<br>-2.40  | 14.22<br>0.09<br>-2.47  | 12.22<br>0.09<br>-1.79  | 11.82<br>0.10<br>-1.36  | 10.07<br>0.10<br>-1.22  |
| NEG CENTRAL___INDECK<br>23768               | 7.81<br>0.20<br>-2.52   | 7.37<br>0.15<br>-2.13   | 7.16<br>0.19<br>-1.88   | 7.00<br>0.20<br>-1.71   | 6.64<br>0.17<br>-1.89   | 6.58<br>0.17<br>-1.85   | 7.26<br>0.19<br>-1.98   | 7.22<br>0.18<br>-1.94   | 8.42<br>0.13<br>-1.56   | 7.91<br>0.15<br>-1.34   | 8.59<br>0.17<br>-1.26  | 6.91<br>0.14<br>-1.60   | 6.95<br>0.14<br>-1.63   | 6.81<br>0.11<br>-1.61   | 6.61<br>0.11<br>-1.41   | 7.05<br>0.12<br>-1.83   | 7.64<br>0.14<br>-2.39   | 10.61<br>0.26<br>-2.83  | 10.75<br>0.25<br>-3.48  | 14.92<br>0.38<br>-3.04  | 15.22<br>0.42<br>-3.14  | 13.01<br>0.40<br>-2.28  | 12.53<br>0.44<br>-1.73  | 10.70<br>0.41<br>-1.55  |
| NEG CENTRAL___SENECA<br>23627               | 7.32<br>0.06<br>-2.16   | 6.94<br>0.03<br>-1.83   | 6.75<br>0.05<br>-1.61   | 6.63<br>0.08<br>-1.47   | 6.26<br>0.06<br>-1.63   | 6.21<br>0.06<br>-1.58   | 6.84<br>0.06<br>-1.70   | 6.84<br>0.09<br>-1.67   | 8.14<br>0.07<br>-1.34   | 7.65<br>0.08<br>-1.15   | 8.34<br>0.10<br>-1.09  | 6.63<br>0.08<br>-1.38   | 6.65<br>0.08<br>-1.40   | 6.53<br>0.05<br>-1.38   | 6.35<br>0.05<br>-1.21   | 6.75<br>0.08<br>-1.57   | 7.24<br>0.08<br>-2.05   | 10.09<br>0.14<br>-2.43  | 10.13<br>0.12<br>-2.99  | 14.27<br>0.16<br>-2.61  | 14.51<br>0.16<br>-2.70  | 12.44<br>0.15<br>-1.96  | 12.00<br>0.17<br>-1.49  | 10.25<br>0.17<br>-1.33  |
| NEG CENTRAL___STATE_STREET<br>24147         | 7.10<br>0.06<br>-1.95   | 6.78<br>0.05<br>-1.65   | 6.60<br>0.06<br>-1.45   | 6.41<br>0.01<br>-1.32   | 6.05<br>0.01<br>-1.46   | 6.00<br>0.00<br>-1.43   | 6.67<br>0.05<br>-1.53   | 6.62<br>0.03<br>-1.50   | 8.02<br>0.09<br>-1.20   | 7.54<br>0.08<br>-1.03   | 8.24<br>0.11<br>-0.98  | 6.49<br>0.08<br>-1.24   | 6.51<br>0.08<br>-1.26   | 6.39<br>0.05<br>-1.24   | 6.23<br>0.05<br>-1.09   | 6.58<br>0.07<br>-1.41   | 7.03<br>0.07<br>-1.84   | 9.84<br>0.14<br>-2.19   | 9.82<br>0.11<br>-2.69   | 14.02<br>0.17<br>-2.35  | 14.26<br>0.17<br>-2.43  | 12.26<br>0.17<br>-1.76  | 11.87<br>0.18<br>-1.34  | 10.04<br>0.10<br>-1.20  |
| NEG MILLWOOD___DRP<br>24198                 | 21.11<br>0.38<br>-15.64 | 18.67<br>0.36<br>-13.23 | 17.07<br>0.35<br>-11.64 | 16.02<br>0.33<br>-10.61 | 16.60<br>0.29<br>-11.74 | 16.30<br>0.28<br>-11.45 | 17.39<br>0.37<br>-11.94 | 17.16<br>0.38<br>-11.70 | 16.64<br>0.53<br>-9.38  | 15.00<br>0.53<br>-8.05  | 15.40<br>0.62<br>-7.62 | 15.26<br>0.44<br>-9.65  | 15.46<br>0.46<br>-9.83  | 15.21<br>0.42<br>-9.69  | 13.99<br>0.43<br>-8.46  | 16.53<br>0.43<br>-11.00 | 19.96<br>0.47<br>-14.38 | 25.28<br>0.70<br>-17.06 | 28.76<br>0.63<br>-21.11 | 31.05<br>1.05<br>-18.50 | 31.84<br>1.03<br>-19.16 | 24.96<br>0.91<br>-13.72 | 21.66<br>0.88<br>-10.42 | 18.78<br>0.70<br>-9.33  |
| NEG NORTH_FLCN_SEA<br>23793                 | 5.10<br>0.01<br>0.00    | 5.13<br>0.05<br>0.00    | 5.14<br>0.05<br>0.00    | 5.10<br>0.02<br>0.00    | 4.61<br>0.04<br>0.00    | 4.61<br>0.05<br>0.00    | 5.14<br>0.06<br>0.00    | 5.14<br>0.05<br>0.00    | 6.80<br>0.07<br>0.00    | 6.42<br>0.00<br>0.00    | 7.14<br>-0.02<br>0.00  | 5.12<br>-0.05<br>0.00   | 5.09<br>-0.08<br>0.00   | 5.04<br>-0.06<br>0.00   | 5.03<br>-0.07<br>0.00   | 5.01<br>-0.10<br>0.00   | 5.01<br>-0.11<br>0.00   | 7.34<br>-0.18<br>0.00   | 6.90<br>-0.12<br>0.00   | 11.41<br>-0.09<br>0.00  | 11.55<br>-0.10<br>0.00  | 10.21<br>-0.12<br>0.00  | 10.20<br>-0.16<br>0.00  | 8.58<br>-0.17<br>0.00   |
| NEG NORTH_KES_CHATEGAY<br>23792             | 5.05<br>-0.05<br>0.00   | 5.07<br>-0.01<br>0.00   | 5.08<br>-0.01<br>0.00   | 5.05<br>-0.04<br>0.00   | 4.56<br>-0.01<br>0.00   | 4.56<br>0.00<br>0.00    | 5.08<br>-0.01<br>0.00   | 5.08<br>-0.01<br>0.00   | 6.71<br>-0.01<br>0.00   | 6.35<br>-0.08<br>0.00   | 7.05<br>-0.11<br>0.00  | 5.06<br>-0.11<br>0.00   | 5.03<br>-0.14<br>0.00   | 4.98<br>-0.12<br>0.00   | 4.97<br>-0.13<br>0.00   | 4.95<br>-0.15<br>0.00   | 4.95<br>-0.16<br>0.00   | 7.26<br>-0.26<br>0.00   | 6.83<br>-0.19<br>0.00   | 11.29<br>-0.21<br>0.00  | 11.43<br>-0.22<br>0.00  | 10.10<br>-0.23<br>0.00  | 10.09<br>-0.26<br>0.00  | 8.50<br>-0.24<br>0.00   |



|                                  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NEG NORTH___ALICE_FALLS<br>23915 | 5.10<br>0.01<br>0.00    | 5.13<br>0.05<br>0.00    | 5.13<br>0.05<br>0.00    | 5.10<br>0.02<br>0.00    | 4.61<br>0.03<br>0.00    | 4.61<br>0.05<br>0.00    | 5.14<br>0.06<br>0.00    | 5.14<br>0.05<br>0.00    | 6.80<br>0.07<br>0.00    | 6.42<br>-0.01<br>0.00   | 7.13<br>-0.03<br>0.00  | 5.12<br>-0.05<br>0.00   | 5.09<br>-0.09<br>0.00   | 5.04<br>-0.06<br>0.00   | 5.02<br>-0.08<br>0.00   | 5.00<br>-0.10<br>0.00   | 5.01<br>-0.11<br>0.00   | 7.34<br>-0.18<br>0.00   | 6.90<br>-0.12<br>0.00   | 11.42<br>-0.08<br>0.00  | 11.56<br>-0.09<br>0.00  | 10.21<br>-0.12<br>0.00  | 10.19<br>-0.17<br>0.00  | 8.58<br>-0.17<br>0.00   |
| NEG NORTH___LWR_SARANAC<br>23913 | 5.10<br>0.01<br>0.00    | 5.13<br>0.05<br>0.00    | 5.13<br>0.05<br>0.00    | 5.10<br>0.02<br>0.00    | 4.61<br>0.03<br>0.00    | 4.61<br>0.05<br>0.00    | 5.14<br>0.06<br>0.00    | 5.14<br>0.05<br>0.00    | 6.80<br>0.07<br>0.00    | 6.42<br>-0.01<br>0.00   | 7.13<br>-0.03<br>0.00  | 5.12<br>-0.05<br>0.00   | 5.09<br>-0.09<br>0.00   | 5.04<br>-0.06<br>0.00   | 5.02<br>-0.08<br>0.00   | 5.00<br>-0.10<br>0.00   | 5.01<br>-0.11<br>0.00   | 7.34<br>-0.18<br>0.00   | 6.90<br>-0.12<br>0.00   | 11.42<br>-0.08<br>0.00  | 11.56<br>-0.09<br>0.00  | 10.21<br>-0.12<br>0.00  | 10.19<br>-0.17<br>0.00  | 8.58<br>-0.17<br>0.00   |
| NEG NORTH___PLATTSBURG<br>23628  | 5.11<br>0.02<br>0.00    | 5.13<br>0.05<br>0.00    | 5.13<br>0.05<br>0.00    | 5.10<br>0.02<br>0.00    | 4.61<br>0.03<br>0.00    | 4.61<br>0.05<br>0.00    | 5.14<br>0.05<br>0.00    | 5.14<br>0.05<br>0.00    | 6.80<br>0.07<br>0.00    | 6.42<br>-0.01<br>0.00   | 7.14<br>-0.02<br>0.00  | 5.12<br>-0.05<br>0.00   | 5.09<br>-0.09<br>0.00   | 5.04<br>-0.06<br>0.00   | 5.02<br>-0.08<br>0.00   | 5.01<br>-0.09<br>0.00   | 5.00<br>-0.11<br>0.00   | 7.34<br>-0.18<br>0.00   | 6.90<br>-0.12<br>0.00   | 11.42<br>-0.08<br>0.00  | 11.56<br>-0.09<br>0.00  | 10.21<br>-0.12<br>0.00  | 10.19<br>-0.17<br>0.00  | 8.58<br>-0.17<br>0.00   |
| NEG WEST_LEA_LOCKPORT<br>23791   | 7.33<br>0.01<br>-2.23   | 6.91<br>-0.06<br>-1.89  | 6.73<br>-0.02<br>-1.66  | 6.62<br>0.02<br>-1.51   | 6.26<br>0.01<br>-1.67   | 6.21<br>0.01<br>-1.63   | 6.82<br>-0.02<br>-1.75  | 6.79<br>-0.02<br>-1.71  | 8.03<br>-0.07<br>-1.37  | 7.57<br>-0.03<br>-1.18  | 8.24<br>-0.03<br>-1.12 | 6.60<br>0.02<br>-1.41   | 6.63<br>0.02<br>-1.44   | 6.52<br>0.00<br>-1.42   | 6.33<br>-0.01<br>-1.24  | 6.73<br>0.02<br>-1.61   | 7.22<br>0.01<br>-2.11   | 10.04<br>0.02<br>-2.50  | 10.08<br>-0.02<br>-3.08 | 13.95<br>-0.24<br>-2.69 | 14.13<br>-0.30<br>-2.78 | 12.16<br>-0.19<br>-2.01 | 11.81<br>-0.07<br>-1.53 | 10.12<br>0.01<br>-1.37  |
| NEG WEST___LANCASTR<br>23811     | 7.58<br>-0.09<br>-2.58  | 7.11<br>-0.15<br>-2.18  | 6.89<br>-0.11<br>-1.92  | 6.76<br>-0.08<br>-1.75  | 6.43<br>-0.08<br>-1.94  | 6.38<br>-0.08<br>-1.89  | 7.02<br>-0.10<br>-2.03  | 6.99<br>-0.08<br>-1.98  | 8.16<br>-0.15<br>-1.59  | 7.67<br>-0.12<br>-1.36  | 8.33<br>-0.12<br>-1.29 | 6.75<br>-0.05<br>-1.64  | 6.80<br>-0.05<br>-1.67  | 6.67<br>-0.07<br>-1.64  | 6.47<br>-0.07<br>-1.43  | 6.93<br>-0.04<br>-1.86  | 7.49<br>-0.06<br>-2.44  | 10.34<br>-0.08<br>-2.89 | 10.49<br>-0.09<br>-3.56 | 14.32<br>-0.29<br>-3.11 | 14.51<br>-0.36<br>-3.21 | 12.42<br>-0.24<br>-2.33 | 11.96<br>-0.17<br>-1.77 | 10.24<br>-0.09<br>-1.58 |
| NEG_PENN_ALLEGHNY<br>23528       | 9.58<br>0.08<br>-4.41   | 8.87<br>0.06<br>-3.73   | 8.44<br>0.07<br>-3.28   | 8.16<br>0.08<br>-2.99   | 7.95<br>0.07<br>-3.31   | 7.86<br>0.06<br>-3.23   | 8.62<br>0.07<br>-3.47   | 8.57<br>0.09<br>-3.40   | 9.54<br>0.09<br>-2.72   | 8.86<br>0.10<br>-2.34   | 9.49<br>0.12<br>-2.21  | 8.06<br>0.09<br>-2.80   | 8.13<br>0.10<br>-2.85   | 7.99<br>0.08<br>-2.81   | 7.63<br>0.08<br>-2.46   | 8.38<br>0.09<br>-3.19   | 9.38<br>0.10<br>-4.17   | 12.64<br>0.17<br>-4.95  | 13.25<br>0.14<br>-6.09  | 17.03<br>0.21<br>-5.32  | 17.35<br>0.20<br>-5.49  | 14.50<br>0.19<br>-3.98  | 13.59<br>0.21<br>-3.03  | 11.64<br>0.18<br>-2.71  |
| NEG___GEN_MONROE<br>24207        | 7.05<br>0.06<br>-1.90   | 6.71<br>0.02<br>-1.61   | 6.55<br>0.06<br>-1.41   | 6.45<br>0.08<br>-1.29   | 6.07<br>0.07<br>-1.42   | 6.03<br>0.07<br>-1.39   | 6.63<br>0.05<br>-1.49   | 6.61<br>0.06<br>-1.46   | 7.90<br>0.00<br>-1.17   | 7.46<br>0.03<br>-1.01   | 8.16<br>0.05<br>-0.95  | 6.42<br>0.05<br>-1.21   | 6.45<br>0.05<br>-1.23   | 6.34<br>0.04<br>-1.21   | 6.18<br>0.03<br>-1.06   | 6.52<br>0.05<br>-1.37   | 6.94<br>0.03<br>-1.80   | 9.71<br>0.06<br>-2.13   | 9.68<br>0.04<br>-2.62   | 13.73<br>-0.06<br>-2.29 | 13.96<br>-0.06<br>-2.36 | 12.05<br>0.00<br>-1.71  | 11.74<br>0.08<br>-1.30  | 10.04<br>0.13<br>-1.17  |
| NEPA___ENERGY<br>23901           | 8.10<br>-0.02<br>-3.02  | 7.58<br>-0.06<br>-2.56  | 7.31<br>-0.03<br>-2.25  | 7.14<br>0.01<br>-2.05   | 6.84<br>0.00<br>-2.27   | 6.78<br>0.00<br>-2.21   | 7.44<br>-0.02<br>-2.38  | 7.41<br>-0.01<br>-2.33  | 8.55<br>-0.05<br>-1.87  | 8.01<br>-0.01<br>-1.60  | 8.67<br>-0.01<br>-1.52 | 7.11<br>0.02<br>-1.92   | 7.16<br>0.03<br>-1.96   | 7.03<br>0.01<br>-1.93   | 6.79<br>0.01<br>-1.68   | 7.32<br>0.03<br>-2.19   | 7.99<br>0.02<br>-2.86   | 10.95<br>0.03<br>-3.40  | 11.20<br>0.00<br>-4.18  | 15.03<br>-0.11<br>-3.65 | 15.26<br>-0.16<br>-3.77 | 12.97<br>-0.09<br>-2.73 | 12.41<br>-0.02<br>-2.08 | 10.62<br>0.02<br>-1.86  |
| NEVERSINK___HYD<br>23608         | 17.91<br>0.32<br>-12.50 | 15.94<br>0.29<br>-10.57 | 14.67<br>0.28<br>-9.30  | 13.86<br>0.29<br>-8.48  | 14.21<br>0.25<br>-9.38  | 13.97<br>0.25<br>-9.15  | 14.99<br>0.29<br>-9.61  | 14.84<br>0.34<br>-9.41  | 14.70<br>0.42<br>-7.55  | 13.32<br>0.42<br>-6.48  | 13.75<br>0.46<br>-6.13 | 13.27<br>0.33<br>-7.77  | 13.43<br>0.34<br>-7.91  | 13.21<br>0.31<br>-7.80  | 12.25<br>0.34<br>-6.81  | 14.28<br>0.33<br>-8.85  | 17.06<br>0.37<br>-11.57 | 21.81<br>0.56<br>-13.73 | 24.50<br>0.53<br>-16.95 | 27.19<br>0.85<br>-14.84 | 27.86<br>0.85<br>-15.35 | 22.13<br>0.75<br>-11.05 | 19.45<br>0.71<br>-8.39  | 16.89<br>0.64<br>-7.51  |
| NEWKRMKL_115KV_TB1<br>55635      | 24.65<br>0.09<br>-19.47 | 21.64<br>0.09<br>-16.47 | 19.68<br>0.10<br>-14.49 | 18.45<br>0.15<br>-13.22 | 19.32<br>0.13<br>-14.62 | 18.95<br>0.13<br>-14.25 | 20.37<br>0.17<br>-15.12 | 20.07<br>0.17<br>-14.80 | 18.82<br>0.22<br>-11.87 | 16.82<br>0.21<br>-10.20 | 17.03<br>0.23<br>-9.64 | 17.55<br>0.17<br>-12.21 | 17.78<br>0.17<br>-12.44 | 17.53<br>0.16<br>-12.27 | 15.97<br>0.16<br>-10.71 | 19.18<br>0.16<br>-13.92 | 23.46<br>0.15<br>-18.20 | 29.31<br>0.20<br>-21.59 | 33.48<br>0.18<br>-26.28 | 34.60<br>0.30<br>-22.81 | 35.40<br>0.29<br>-23.46 | 27.98<br>0.28<br>-17.37 | 23.86<br>0.31<br>-13.19 | 20.80<br>0.24<br>-11.82 |
| NEWTON___FALLS_HYD<br>23847      | 5.35<br>-0.19<br>-0.45  | 5.28<br>-0.18<br>-0.38  | 5.27<br>-0.15<br>-0.33  | 5.23<br>-0.16<br>-0.30  | 4.77<br>-0.14<br>-0.33  | 4.76<br>-0.14<br>-0.33  | 5.26<br>-0.18<br>-0.35  | 5.26<br>-0.18<br>-0.34  | 6.75<br>-0.25<br>-0.28  | 6.40<br>-0.26<br>-0.24  | 7.07<br>-0.31<br>-0.22 | 5.22<br>-0.24<br>-0.28  | 5.22<br>-0.24<br>-0.29  | 5.14<br>-0.24<br>-0.28  | 5.08<br>-0.27<br>-0.25  | 5.17<br>-0.25<br>-0.32  | 5.29<br>-0.24<br>-0.42  | 7.67<br>-0.35<br>-0.50  | 7.35<br>-0.29<br>-0.62  | 11.66<br>-0.38<br>-0.54 | 11.85<br>-0.36<br>-0.56 | 10.40<br>-0.33<br>-0.40 | 10.31<br>-0.35<br>-0.31 | 8.73<br>-0.29<br>-0.27  |
| NGRID_A1_DSASP<br>323792         | 7.25<br>-0.10<br>-2.26  | 6.85<br>-0.14<br>-1.91  | 6.67<br>-0.10<br>-1.68  | 6.55<br>-0.07<br>-1.54  | 6.20<br>-0.07<br>-1.70  | 6.16<br>-0.06<br>-1.65  | 6.77<br>-0.09<br>-1.78  | 6.73<br>-0.08<br>-1.71  | 7.91<br>-0.19<br>-1.37  | 7.48<br>-0.12<br>-1.18  | 8.15<br>-0.12<br>-1.11 | 6.53<br>-0.05<br>-1.41  | 6.57<br>-0.05<br>-1.44  | 6.44<br>-0.07<br>-1.41  | 6.26<br>-0.07<br>-1.23  | 6.65<br>-0.07<br>-1.61  | 7.16<br>-0.06<br>-2.11  | 9.94<br>-0.09<br>-2.51  | 10.02<br>-0.13<br>-3.13 | 13.77<br>-0.46<br>-2.73 | 13.96<br>-0.51<br>-2.82 | 12.00<br>-0.38<br>-2.05 | 11.67<br>-0.24<br>-1.56 | 10.00<br>-0.14<br>-1.39 |
| NGRID_A2_DSASP<br>323793         | 7.25<br>-0.10<br>-2.26  | 6.85<br>-0.14<br>-1.91  | 6.67<br>-0.10<br>-1.68  | 6.55<br>-0.07<br>-1.54  | 6.20<br>-0.07<br>-1.70  | 6.16<br>-0.06<br>-1.65  | 6.77<br>-0.09<br>-1.78  | 6.73<br>-0.08<br>-1.71  | 7.91<br>-0.19<br>-1.37  | 7.48<br>-0.12<br>-1.18  | 8.15<br>-0.12<br>-1.11 | 6.53<br>-0.05<br>-1.41  | 6.57<br>-0.05<br>-1.44  | 6.44<br>-0.07<br>-1.41  | 6.26<br>-0.07<br>-1.23  | 6.65<br>-0.07<br>-1.61  | 7.16<br>-0.06<br>-2.11  | 9.94<br>-0.09<br>-2.51  | 10.02<br>-0.13<br>-3.13 | 13.77<br>-0.46<br>-2.73 | 13.96<br>-0.51<br>-2.82 | 12.00<br>-0.38<br>-2.05 | 11.67<br>-0.24<br>-1.56 | 10.00<br>-0.14<br>-1.39 |
| NGRID_A4_DSASP<br>323807         | 7.25<br>-0.10<br>-2.26  | 6.85<br>-0.14<br>-1.91  | 6.67<br>-0.10<br>-1.68  | 6.55<br>-0.07<br>-1.54  | 6.20<br>-0.07<br>-1.70  | 6.16<br>-0.06<br>-1.65  | 6.77<br>-0.09<br>-1.78  | 6.73<br>-0.08<br>-1.71  | 7.91<br>-0.19<br>-1.37  | 7.48<br>-0.12<br>-1.18  | 8.15<br>-0.12<br>-1.11 | 6.53<br>-0.05<br>-1.41  | 6.57<br>-0.05<br>-1.44  | 6.44<br>-0.07<br>-1.41  | 6.26<br>-0.07<br>-1.23  | 6.65<br>-0.07<br>-1.61  | 7.16<br>-0.06<br>-2.11  | 9.94<br>-0.09<br>-2.51  | 10.02<br>-0.13<br>-3.13 | 13.77<br>-0.46<br>-2.73 | 13.96<br>-0.51<br>-2.82 | 12.00<br>-0.38<br>-2.05 | 11.67<br>-0.24<br>-1.56 | 10.00<br>-0.14<br>-1.39 |
| NIAGARA_115E_LBMP<br>323715      | 7.27<br>-0.08<br>-2.26  | 6.87<br>-0.12<br>-1.91  | 6.69<br>-0.07<br>-1.68  | 6.57<br>-0.04<br>-1.53  | 6.23<br>-0.04<br>-1.69  | 6.18<br>-0.04<br>-1.65  | 6.78<br>-0.08<br>-1.77  | 6.74<br>-0.08<br>-1.73  | 7.92<br>-0.20<br>-1.39  | 7.49<br>-0.13<br>-1.19  | 8.16<br>-0.13<br>-1.13 | 6.54<br>-0.06<br>-1.43  | 6.58<br>-0.06<br>-1.46  | 6.46<br>-0.08<br>-1.44  | 6.28<br>-0.08<br>-1.26  | 6.66<br>-0.07<br>-1.63  | 7.18<br>-0.07<br>-2.13  | 9.95<br>-0.10<br>-2.53  | 10.00<br>-0.13<br>-3.12 | 13.78<br>-0.44<br>-2.72 | 13.98<br>-0.49<br>-2.81 | 12.01<br>-0.36<br>-2.04 | 11.66<br>-0.24<br>-1.55 | 9.99<br>-0.14<br>-1.39  |

|                                    |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NIAGARA_115W_LBMP<br>323714        | 7.23<br>-0.12<br>-2.26  | 6.83<br>-0.16<br>-1.91  | 6.65<br>-0.11<br>-1.68  | 6.54<br>-0.08<br>-1.54  | 6.19<br>-0.08<br>-1.69  | 6.14<br>-0.08<br>-1.65  | 6.75<br>-0.11<br>-1.77  | 6.71<br>-0.09<br>-1.71  | 7.88<br>-0.21<br>-1.37  | 7.46<br>-0.14<br>-1.17  | 8.13<br>-0.14<br>-1.10  | 6.51<br>-0.06<br>-1.40  | 6.55<br>-0.06<br>-1.43  | 6.43<br>-0.08<br>-1.41  | 6.25<br>-0.08<br>-1.23  | 6.63<br>-0.08<br>-1.60  | 7.14<br>-0.07<br>-2.10  | 9.91<br>-0.11<br>-2.50  | 10.00<br>-0.15<br>-3.13 | 13.74<br>-0.48<br>-2.72 | 13.93<br>-0.54<br>-2.81 | 11.97<br>-0.40<br>-2.04 | 11.64<br>-0.27<br>-1.56 | 9.98<br>-0.16<br>-1.39  |
| NIAGARA_230_LBMP<br>323716         | 7.29<br>-0.05<br>-2.24  | 6.89<br>-0.09<br>-1.90  | 6.71<br>-0.05<br>-1.67  | 6.59<br>-0.02<br>-1.52  | 6.24<br>-0.01<br>-1.68  | 6.19<br>-0.01<br>-1.64  | 6.81<br>-0.04<br>-1.76  | 6.79<br>-0.03<br>-1.73  | 8.00<br>-0.11<br>-1.39  | 7.57<br>-0.04<br>-1.19  | 8.24<br>-0.04<br>-1.12  | 6.60<br>0.01<br>-1.42   | 6.63<br>0.01<br>-1.45   | 6.51<br>-0.02<br>-1.43  | 6.33<br>-0.02<br>-1.25  | 6.72<br>-0.01<br>-1.62  | 7.23<br>-0.01<br>-2.12  | 10.03<br>-0.01<br>-2.52 | 10.06<br>-0.06<br>-3.09 | 13.89<br>-0.31<br>-2.70 | 14.09<br>-0.36<br>-2.79 | 12.11<br>-0.25<br>-2.02 | 11.75<br>-0.13<br>-1.54 | 10.07<br>-0.04<br>-1.38 |
| NIAGARA__115KV_198_GIBSON<br>55903 | 7.25<br>-0.10<br>-2.26  | 6.84<br>-0.15<br>-1.91  | 6.65<br>-0.11<br>-1.68  | 6.54<br>-0.08<br>-1.54  | 6.19<br>-0.08<br>-1.69  | 6.14<br>-0.08<br>-1.65  | 6.75<br>-0.11<br>-1.77  | 6.70<br>-0.10<br>-1.71  | 7.91<br>-0.18<br>-1.37  | 7.46<br>-0.13<br>-1.17  | 8.13<br>-0.14<br>-1.10  | 6.51<br>-0.06<br>-1.40  | 6.55<br>-0.06<br>-1.43  | 6.43<br>-0.08<br>-1.41  | 6.25<br>-0.08<br>-1.23  | 6.65<br>-0.06<br>-1.60  | 7.14<br>-0.07<br>-2.10  | 9.91<br>-0.11<br>-2.50  | 10.00<br>-0.15<br>-3.13 | 13.74<br>-0.48<br>-2.72 | 13.93<br>-0.54<br>-2.81 | 11.98<br>-0.40<br>-2.05 | 11.64<br>-0.27<br>-1.56 | 9.98<br>-0.16<br>-1.39  |
| NIAGARA____<br>23760               | 7.25<br>-0.10<br>-2.26  | 6.85<br>-0.14<br>-1.91  | 6.67<br>-0.10<br>-1.68  | 6.55<br>-0.07<br>-1.54  | 6.20<br>-0.06<br>-1.69  | 6.16<br>-0.06<br>-1.65  | 6.76<br>-0.10<br>-1.77  | 6.73<br>-0.09<br>-1.72  | 7.90<br>-0.20<br>-1.38  | 7.48<br>-0.13<br>-1.18  | 8.14<br>-0.14<br>-1.12  | 6.53<br>-0.06<br>-1.42  | 6.56<br>-0.06<br>-1.44  | 6.45<br>-0.08<br>-1.42  | 6.26<br>-0.08<br>-1.24  | 6.65<br>-0.07<br>-1.62  | 7.16<br>-0.07<br>-2.12  | 9.94<br>-0.10<br>-2.51  | 10.00<br>-0.14<br>-3.12 | 13.79<br>-0.43<br>-2.72 | 13.98<br>-0.48<br>-2.81 | 12.02<br>-0.35<br>-2.04 | 11.66<br>-0.24<br>-1.55 | 9.98<br>-0.15<br>-1.39  |
| NINE_MILE_1<br>23575               | 6.11<br>-0.15<br>-1.16  | 5.90<br>-0.16<br>-0.98  | 5.80<br>-0.15<br>-0.86  | 5.73<br>-0.14<br>-0.79  | 5.31<br>-0.13<br>-0.87  | 5.29<br>-0.13<br>-0.85  | 5.85<br>-0.15<br>-0.91  | 5.84<br>-0.14<br>-0.89  | 7.24<br>-0.20<br>-0.72  | 6.86<br>-0.18<br>-0.62  | 7.54<br>-0.20<br>-0.58  | 5.77<br>-0.14<br>-0.74  | 5.79<br>-0.14<br>-0.75  | 5.69<br>-0.15<br>-0.74  | 5.60<br>-0.15<br>-0.65  | 5.80<br>-0.14<br>-0.84  | 6.07<br>-0.14<br>-1.10  | 8.63<br>-0.20<br>-1.30  | 8.43<br>-0.19<br>-1.60  | 12.57<br>-0.33<br>-1.40 | 12.78<br>-0.33<br>-1.45 | 11.09<br>-0.29<br>-1.05 | 10.87<br>-0.28<br>-0.80 | 9.24<br>-0.22<br>-0.71  |
| NINE_MILE_2<br>23744               | 6.11<br>-0.15<br>-1.16  | 5.90<br>-0.16<br>-0.98  | 5.80<br>-0.15<br>-0.86  | 5.73<br>-0.14<br>-0.79  | 5.31<br>-0.13<br>-0.87  | 5.29<br>-0.13<br>-0.85  | 5.85<br>-0.15<br>-0.91  | 5.84<br>-0.14<br>-0.89  | 7.24<br>-0.20<br>-0.72  | 6.86<br>-0.18<br>-0.62  | 7.55<br>-0.19<br>-0.58  | 5.77<br>-0.14<br>-0.74  | 5.79<br>-0.14<br>-0.75  | 5.69<br>-0.15<br>-0.74  | 5.60<br>-0.15<br>-0.65  | 5.80<br>-0.14<br>-0.84  | 6.07<br>-0.14<br>-1.10  | 8.63<br>-0.20<br>-1.30  | 8.43<br>-0.19<br>-1.60  | 12.57<br>-0.33<br>-1.40 | 12.77<br>-0.33<br>-1.45 | 11.09<br>-0.29<br>-1.05 | 10.87<br>-0.28<br>-0.80 | 9.24<br>-0.22<br>-0.71  |
| NM_CAPITAL____DRP<br>24208         | 24.58<br>0.10<br>-19.38 | 21.57<br>0.10<br>-16.40 | 19.62<br>0.11<br>-14.42 | 18.39<br>0.15<br>-13.16 | 19.26<br>0.13<br>-14.55 | 18.89<br>0.13<br>-14.19 | 20.24<br>0.18<br>-14.97 | 19.94<br>0.19<br>-14.66 | 18.73<br>0.24<br>-11.76 | 16.75<br>0.23<br>-10.10 | 16.97<br>0.26<br>-9.55  | 17.46<br>0.19<br>-12.10 | 17.68<br>0.18<br>-12.32 | 17.43<br>0.18<br>-12.15 | 15.89<br>0.18<br>-10.61 | 19.07<br>0.18<br>-13.79 | 23.31<br>0.17<br>-18.03 | 29.14<br>0.23<br>-21.39 | 33.23<br>0.22<br>-25.99 | 34.38<br>0.34<br>-22.54 | 35.17<br>0.35<br>-23.17 | 27.86<br>0.32<br>-17.21 | 23.78<br>0.36<br>-13.07 | 20.73<br>0.28<br>-11.70 |
| NM_CENTRAL____DRP<br>24181         | 6.49<br>-0.04<br>-1.44  | 6.23<br>-0.06<br>-1.21  | 6.11<br>-0.05<br>-1.07  | 6.02<br>-0.04<br>-0.97  | 5.61<br>-0.04<br>-1.08  | 5.57<br>-0.05<br>-1.05  | 6.16<br>-0.05<br>-1.13  | 6.16<br>-0.04<br>-1.10  | 7.55<br>-0.07<br>-0.89  | 7.13<br>-0.05<br>-0.76  | 7.83<br>-0.05<br>-0.72  | 6.05<br>-0.03<br>-0.91  | 6.07<br>-0.03<br>-0.93  | 5.97<br>-0.05<br>-0.92  | 5.85<br>-0.05<br>-0.80  | 6.11<br>-0.03<br>-1.04  | 6.44<br>-0.03<br>-1.36  | 9.10<br>-0.03<br>-1.61  | 8.96<br>-0.04<br>-1.98  | 13.15<br>-0.08<br>-1.73 | 13.36<br>-0.08<br>-1.79 | 11.57<br>-0.06<br>-1.30 | 11.27<br>-0.06<br>-0.98 | 9.59<br>-0.03<br>-0.88  |
| NM_FRONTIER____DRP<br>24179        | 7.25<br>-0.10<br>-2.26  | 6.84<br>-0.15<br>-1.91  | 6.65<br>-0.11<br>-1.68  | 6.54<br>-0.08<br>-1.54  | 6.19<br>-0.08<br>-1.69  | 6.14<br>-0.08<br>-1.65  | 6.75<br>-0.11<br>-1.77  | 6.70<br>-0.10<br>-1.71  | 7.91<br>-0.18<br>-1.37  | 7.46<br>-0.13<br>-1.17  | 8.13<br>-0.14<br>-1.10  | 6.51<br>-0.06<br>-1.40  | 6.55<br>-0.06<br>-1.43  | 6.43<br>-0.08<br>-1.41  | 6.25<br>-0.08<br>-1.23  | 6.65<br>-0.06<br>-1.60  | 7.14<br>-0.07<br>-2.10  | 9.91<br>-0.11<br>-2.50  | 10.00<br>-0.15<br>-3.13 | 13.74<br>-0.48<br>-2.72 | 13.93<br>-0.54<br>-2.81 | 11.98<br>-0.40<br>-2.05 | 11.64<br>-0.27<br>-1.56 | 9.98<br>-0.16<br>-1.39  |
| NM_ST_REGIS____HYD<br>24053        | 4.84<br>-0.25<br>0.00   | 4.85<br>-0.23<br>0.00   | 4.90<br>-0.19<br>0.00   | 4.88<br>-0.20<br>0.00   | 4.41<br>-0.16<br>0.00   | 4.41<br>-0.16<br>0.00   | 4.89<br>-0.20<br>0.00   | 4.91<br>-0.18<br>0.00   | 6.47<br>-0.26<br>0.00   | 6.13<br>-0.30<br>0.00   | 6.81<br>-0.34<br>0.00   | 4.91<br>-0.26<br>0.00   | 4.90<br>-0.28<br>0.00   | 4.84<br>-0.25<br>0.00   | 4.83<br>-0.27<br>0.00   | 4.82<br>-0.28<br>0.00   | 4.83<br>-0.28<br>0.00   | 7.08<br>-0.44<br>0.00   | 6.65<br>-0.37<br>0.00   | 10.98<br>-0.52<br>0.00  | 11.14<br>-0.51<br>0.00  | 9.86<br>-0.48<br>0.00   | 9.83<br>-0.52<br>0.00   | 8.30<br>-0.44<br>0.00   |
| NORTHPORT____1<br>23551            | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.71<br>0.44<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.58<br>0.48<br>-17.02 | 18.45<br>0.48<br>-12.88 | 19.93<br>0.72<br>-12.49 | 17.41<br>0.68<br>-10.30 | 18.14<br>0.72<br>-10.26 | 18.14<br>0.51<br>-12.46 | 18.45<br>0.51<br>-12.76 | 18.67<br>0.49<br>-13.08 | 18.75<br>0.50<br>-13.15 | 21.07<br>0.49<br>-15.48 | 25.25<br>0.52<br>-19.62 | 28.08<br>0.74<br>-19.81 | 29.07<br>0.68<br>-21.37 | 30.96<br>1.07<br>-18.39 | 34.11<br>1.05<br>-21.40 | 29.71<br>0.92<br>-18.46 | 25.90<br>1.04<br>-14.51 | 20.65<br>0.84<br>-11.07 |
| NORTHPORT____2<br>23552            | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.71<br>0.44<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.58<br>0.48<br>-17.02 | 18.45<br>0.48<br>-12.88 | 19.93<br>0.72<br>-12.49 | 17.41<br>0.68<br>-10.30 | 18.14<br>0.72<br>-10.26 | 18.14<br>0.51<br>-12.46 | 18.45<br>0.51<br>-12.76 | 18.67<br>0.49<br>-13.08 | 18.75<br>0.50<br>-13.15 | 21.07<br>0.49<br>-15.48 | 25.25<br>0.52<br>-19.62 | 28.08<br>0.74<br>-19.81 | 29.07<br>0.68<br>-21.37 | 30.96<br>1.07<br>-18.39 | 34.11<br>1.05<br>-21.40 | 29.71<br>0.92<br>-18.46 | 25.90<br>1.04<br>-14.51 | 20.65<br>0.84<br>-11.07 |
| NORTHPORT____3<br>23553            | 26.79<br>0.51<br>-21.19 | 24.10<br>0.49<br>-18.52 | 24.30<br>0.49<br>-18.73 | 20.75<br>0.47<br>-15.20 | 20.93<br>0.42<br>-15.93 | 20.98<br>0.42<br>-16.00 | 22.62<br>0.52<br>-17.02 | 18.49<br>0.52<br>-12.88 | 19.98<br>0.77<br>-12.49 | 17.47<br>0.74<br>-10.30 | 18.22<br>0.80<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.75<br>0.58<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.16<br>0.58<br>-15.48 | 25.35<br>0.61<br>-19.62 | 28.24<br>0.91<br>-19.81 | 29.21<br>0.82<br>-21.37 | 31.18<br>1.30<br>-18.39 | 34.36<br>1.31<br>-21.40 | 29.93<br>1.15<br>-18.46 | 26.05<br>1.19<br>-14.51 | 20.78<br>0.96<br>-11.07 |
| NORTHPORT____4<br>23650            | 26.79<br>0.51<br>-21.19 | 24.10<br>0.49<br>-18.52 | 24.30<br>0.49<br>-18.73 | 20.75<br>0.47<br>-15.20 | 20.93<br>0.42<br>-15.93 | 20.98<br>0.42<br>-16.00 | 22.62<br>0.52<br>-17.02 | 18.49<br>0.52<br>-12.88 | 19.98<br>0.77<br>-12.49 | 17.47<br>0.74<br>-10.30 | 18.22<br>0.80<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.75<br>0.58<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.16<br>0.58<br>-15.48 | 25.35<br>0.61<br>-19.62 | 28.24<br>0.91<br>-19.81 | 29.21<br>0.82<br>-21.37 | 31.18<br>1.30<br>-18.39 | 34.36<br>1.31<br>-21.40 | 29.93<br>1.15<br>-18.46 | 26.05<br>1.19<br>-14.51 | 20.78<br>0.96<br>-11.07 |
| NORTHPORT____IC<br>23718           | 26.73<br>0.45<br>-21.19 | 24.05<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.71<br>0.44<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.58<br>0.48<br>-17.02 | 18.45<br>0.48<br>-12.88 | 19.93<br>0.72<br>-12.49 | 17.41<br>0.68<br>-10.30 | 18.14<br>0.72<br>-10.26 | 18.14<br>0.51<br>-12.46 | 18.45<br>0.51<br>-12.76 | 18.67<br>0.49<br>-13.08 | 18.75<br>0.50<br>-13.15 | 21.07<br>0.49<br>-15.48 | 25.25<br>0.52<br>-19.62 | 28.08<br>0.74<br>-19.81 | 29.07<br>0.68<br>-21.37 | 30.96<br>1.07<br>-18.39 | 34.11<br>1.05<br>-21.40 | 29.71<br>0.92<br>-18.46 | 25.90<br>1.04<br>-14.51 | 20.65<br>0.84<br>-11.07 |

|                               |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NORTH__COUNTRY_ESR<br>323785  | 5.04<br>-0.06<br>0.00   | 5.06<br>-0.02<br>0.00   | 5.07<br>-0.02<br>0.00   | 5.04<br>-0.04<br>0.00   | 4.55<br>-0.02<br>0.00   | 4.55<br>-0.01<br>0.00   | 5.07<br>-0.02<br>0.00   | 5.07<br>-0.02<br>0.00   | 6.70<br>-0.03<br>0.00   | 6.34<br>-0.08<br>0.00   | 7.04<br>-0.11<br>0.00   | 5.06<br>-0.11<br>0.00   | 5.03<br>-0.15<br>0.00   | 4.98<br>-0.12<br>0.00   | 4.96<br>-0.13<br>0.00   | 4.95<br>-0.15<br>0.00   | 4.94<br>-0.17<br>0.00   | 7.25<br>-0.27<br>0.00   | 6.82<br>-0.20<br>0.00   | 11.26<br>-0.24<br>0.00  | 11.40<br>-0.26<br>0.00  | 10.07<br>-0.26<br>0.00  | 10.06<br>-0.29<br>0.00  | 8.47<br>-0.27<br>0.00   |
| NPX_GEN_1385_PROXY<br>323591  | 26.67<br>0.39<br>-21.19 | 24.00<br>0.40<br>-18.52 | 24.18<br>0.37<br>-18.73 | 20.71<br>0.44<br>-15.20 | 20.90<br>0.39<br>-15.93 | 20.95<br>0.39<br>-16.00 | 22.53<br>0.43<br>-17.02 | 18.45<br>0.48<br>-12.88 | 19.95<br>0.73<br>-12.49 | 17.34<br>0.61<br>-10.30 | 18.06<br>0.64<br>-10.26 | 18.05<br>0.42<br>-12.46 | 18.36<br>0.42<br>-12.76 | 18.58<br>0.41<br>-13.08 | 18.68<br>0.43<br>-13.15 | 21.00<br>0.42<br>-15.48 | 25.19<br>0.45<br>-19.62 | 28.09<br>0.76<br>-19.81 | 29.08<br>0.70<br>-21.37 | 30.98<br>1.09<br>-18.39 | 34.00<br>0.94<br>-21.40 | 29.73<br>0.94<br>-18.46 | 25.92<br>1.06<br>-14.51 | 20.65<br>0.84<br>-11.07 |
| NPX_GEN_CSC<br>323557         | 26.83<br>0.55<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.76<br>0.48<br>-15.20 | 20.95<br>0.44<br>-15.93 | 21.02<br>0.45<br>-16.00 | 22.65<br>0.55<br>-17.02 | 18.49<br>0.52<br>-12.88 | 20.01<br>0.79<br>-12.49 | 17.46<br>0.73<br>-10.30 | 18.18<br>0.77<br>-10.26 | 18.18<br>0.55<br>-12.46 | 18.50<br>0.56<br>-12.76 | 18.75<br>0.58<br>-13.08 | 18.82<br>0.57<br>-13.15 | 21.17<br>0.59<br>-15.48 | 25.34<br>0.61<br>-19.62 | 28.31<br>0.97<br>-19.82 | 29.27<br>0.88<br>-21.37 | 31.26<br>1.37<br>-18.39 | 34.36<br>1.29<br>-21.41 | 29.94<br>1.15<br>-18.46 | 26.18<br>1.30<br>-14.52 | 20.82<br>1.00<br>-11.07 |
| NSINS_S_GLNS_FALLS<br>23858   | 25.44<br>0.12<br>-20.23 | 22.30<br>0.11<br>-17.11 | 20.24<br>0.10<br>-15.05 | 18.90<br>0.09<br>-13.73 | 19.86<br>0.10<br>-15.19 | 19.48<br>0.11<br>-14.81 | 21.04<br>0.14<br>-15.82 | 20.69<br>0.11<br>-15.49 | 19.51<br>0.36<br>-12.42 | 17.42<br>0.33<br>-10.67 | 17.60<br>0.35<br>-10.09 | 18.22<br>0.27<br>-12.78 | 18.45<br>0.25<br>-13.02 | 18.18<br>0.24<br>-12.84 | 16.52<br>0.21<br>-11.21 | 19.89<br>0.22<br>-14.57 | 24.28<br>0.13<br>-19.04 | 30.33<br>0.22<br>-22.59 | 34.76<br>0.22<br>-27.51 | 35.77<br>0.39<br>-23.88 | 36.64<br>0.42<br>-24.57 | 28.89<br>0.38<br>-18.18 | 24.53<br>0.37<br>-13.81 | 21.32<br>0.22<br>-12.36 |
| NUCOR_STEEL__DRP<br>24197     | 7.01<br>0.03<br>-1.88   | 6.70<br>0.03<br>-1.59   | 6.53<br>0.04<br>-1.40   | 6.39<br>0.03<br>-1.28   | 6.01<br>0.02<br>-1.41   | 5.97<br>0.02<br>-1.38   | 6.60<br>0.03<br>-1.48   | 6.58<br>0.04<br>-1.45   | 7.94<br>0.05<br>-1.16   | 7.47<br>0.04<br>-1.00   | 8.17<br>0.06<br>-0.94   | 6.42<br>0.05<br>-1.20   | 6.44<br>0.05<br>-1.22   | 6.32<br>0.02<br>-1.20   | 6.17<br>0.03<br>-1.05   | 6.51<br>0.04<br>-1.36   | 6.94<br>0.05<br>-1.78   | 9.72<br>0.09<br>-2.11   | 9.69<br>0.07<br>-2.60   | 13.89<br>0.11<br>-2.27  | 14.12<br>0.12<br>-2.35  | 12.15<br>0.11<br>-1.70  | 11.77<br>0.12<br>-1.29  | 10.01<br>0.11<br>-1.16  |
| NUMBER_THREE_WT_PWR<br>323818 | 5.66<br>-0.04<br>-0.61  | 5.54<br>-0.05<br>-0.51  | 5.51<br>-0.03<br>-0.45  | 5.47<br>-0.03<br>-0.41  | 5.00<br>-0.03<br>-0.45  | 4.98<br>-0.03<br>-0.44  | 5.50<br>-0.06<br>-0.48  | 5.51<br>-0.05<br>-0.47  | 7.01<br>-0.09<br>-0.37  | 6.64<br>-0.10<br>-0.32  | 7.33<br>-0.13<br>-0.30  | 5.45<br>-0.10<br>-0.38  | 5.46<br>-0.11<br>-0.39  | 5.36<br>-0.12<br>-0.39  | 5.27<br>-0.17<br>-0.34  | 5.42<br>-0.12<br>-0.44  | 5.58<br>-0.11<br>-0.57  | 8.06<br>-0.14<br>-0.68  | 7.77<br>-0.08<br>-0.84  | 12.20<br>-0.03<br>-0.73 | 12.39<br>-0.02<br>-0.75 | 10.85<br>-0.03<br>-0.55 | 10.72<br>-0.05<br>-0.42 | 9.09<br>-0.03<br>-0.37  |
| NYISO_LBMP_REFERENCE<br>24008 | 5.09<br>0.00<br>0.00    | 5.08<br>0.00<br>0.00    | 5.09<br>0.00<br>0.00    | 5.08<br>0.00<br>0.00    | 4.57<br>0.00<br>0.00    | 4.57<br>0.00<br>0.00    | 5.09<br>0.00<br>0.00    | 5.09<br>0.00<br>0.00    | 6.73<br>0.00<br>0.00    | 6.42<br>0.00<br>0.00    | 7.16<br>0.00<br>0.00    | 5.17<br>0.00<br>0.00    | 5.18<br>0.00<br>0.00    | 5.10<br>0.00<br>0.00    | 5.10<br>0.00<br>0.00    | 5.10<br>0.00<br>0.00    | 5.11<br>0.00<br>0.00    | 7.52<br>0.00<br>0.00    | 7.02<br>0.00<br>0.00    | 11.50<br>0.00<br>0.00   | 11.65<br>0.00<br>0.00   | 10.33<br>0.00<br>0.00   | 10.35<br>0.00<br>0.00   | 8.74<br>0.00<br>0.00    |
| NYPA_BRENTWD__GT<br>24164     | 26.82<br>0.53<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.78<br>0.50<br>-15.20 | 20.95<br>0.44<br>-15.93 | 21.01<br>0.44<br>-16.00 | 22.65<br>0.55<br>-17.02 | 18.52<br>0.55<br>-12.88 | 20.02<br>0.81<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.23<br>0.82<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.75<br>0.58<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.16<br>0.58<br>-15.48 | 25.35<br>0.61<br>-19.62 | 28.29<br>0.92<br>-19.85 | 29.26<br>0.83<br>-21.40 | 31.24<br>1.32<br>-18.42 | 34.41<br>1.32<br>-21.44 | 29.97<br>1.15<br>-18.49 | 26.11<br>1.24<br>-14.52 | 20.81<br>1.00<br>-11.07 |
| NYPA_GOWANUS__GT5<br>24156    | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55  | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NYPA_GOWANUS__GT6<br>24157    | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55  | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.53<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.03<br>-10.34 | 18.88<br>0.87<br>-9.26  |
| NYPA_HARLEM_RVR_GT1<br>24160  | 21.01<br>0.40<br>-15.51 | 18.60<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.34<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.30<br>0.38<br>-11.84 | 17.08<br>0.40<br>-11.59 | 16.60<br>0.58<br>-9.29  | 14.99<br>0.59<br>-7.98  | 15.37<br>0.67<br>-7.54  | 15.21<br>0.48<br>-9.56  | 15.43<br>0.50<br>-9.75  | 15.20<br>0.48<br>-9.62  | 14.01<br>0.51<br>-8.40  | 16.52<br>0.50<br>-10.91 | 19.91<br>0.54<br>-14.26 | 25.24<br>0.80<br>-16.92 | 28.66<br>0.70<br>-20.95 | 30.97<br>1.09<br>-18.38 | 31.79<br>1.10<br>-19.04 | 24.86<br>0.93<br>-13.60 | 21.62<br>0.93<br>-10.34 | 18.81<br>0.80<br>-9.26  |
| NYPA_HARLEM_RVR_GT2<br>24161  | 21.01<br>0.40<br>-15.51 | 18.60<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.34<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.30<br>0.38<br>-11.84 | 17.08<br>0.40<br>-11.59 | 16.60<br>0.58<br>-9.29  | 14.99<br>0.59<br>-7.98  | 15.37<br>0.67<br>-7.54  | 15.21<br>0.48<br>-9.56  | 15.43<br>0.50<br>-9.75  | 15.20<br>0.48<br>-9.62  | 14.01<br>0.51<br>-8.40  | 16.52<br>0.50<br>-10.91 | 19.91<br>0.54<br>-14.26 | 25.24<br>0.80<br>-16.92 | 28.66<br>0.70<br>-20.95 | 30.97<br>1.09<br>-18.38 | 31.79<br>1.10<br>-19.04 | 24.86<br>0.93<br>-13.60 | 21.62<br>0.93<br>-10.34 | 18.81<br>0.80<br>-9.26  |
| NYPA_KENT__GT<br>24152        | 21.03<br>0.43<br>-15.51 | 18.61<br>0.41<br>-13.12 | 17.03<br>0.40<br>-11.55 | 16.01<br>0.39<br>-10.53 | 16.56<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.65<br>0.62<br>-9.30  | 15.03<br>0.62<br>-7.99  | 15.41<br>0.70<br>-7.55  | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.52<br>-8.41  | 16.54<br>0.52<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.28<br>0.82<br>-16.94 | 28.71<br>0.74<br>-20.96 | 31.04<br>1.16<br>-18.38 | 31.87<br>1.17<br>-19.05 | 24.95<br>1.01<br>-13.61 | 21.70<br>1.02<br>-10.34 | 18.86<br>0.86<br>-9.26  |
| NYPA_POUCH1__GT<br>24155      | 21.04<br>0.43<br>-15.51 | 18.61<br>0.41<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.31<br>0.38<br>-11.84 | 17.08<br>0.40<br>-11.60 | 16.59<br>0.57<br>-9.30  | 14.97<br>0.56<br>-7.99  | 15.36<br>0.65<br>-7.55  | 15.20<br>0.47<br>-9.57  | 15.42<br>0.49<br>-9.76  | 15.20<br>0.47<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.26<br>0.80<br>-16.94 | 28.66<br>0.70<br>-20.95 | 30.97<br>1.09<br>-18.38 | 31.79<br>1.10<br>-19.04 | 24.94<br>1.00<br>-13.61 | 21.70<br>1.02<br>-10.34 | 18.87<br>0.87<br>-9.26  |
| NYPA_VERNON__GT2<br>24162     | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.13 | 17.03<br>0.40<br>-11.55 | 16.00<br>0.39<br>-10.53 | 16.55<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.65<br>0.62<br>-9.30  | 15.03<br>0.62<br>-7.99  | 15.41<br>0.70<br>-7.55  | 15.24<br>0.51<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.52<br>-8.41  | 16.54<br>0.52<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.27<br>0.81<br>-16.94 | 28.71<br>0.73<br>-20.96 | 31.03<br>1.15<br>-18.38 | 31.86<br>1.15<br>-19.05 | 24.93<br>0.99<br>-13.61 | 21.68<br>0.99<br>-10.34 | 18.85<br>0.84<br>-9.26  |

|                                 |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NYPA_VERNON____GT3<br>24163     | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.13 | 17.03<br>0.40<br>-11.55 | 16.00<br>0.39<br>-10.53 | 16.55<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.65<br>0.62<br>-9.30  | 15.03<br>0.62<br>-7.99  | 15.41<br>0.70<br>-7.55  | 15.24<br>0.51<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.52<br>-8.41  | 16.54<br>0.52<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.27<br>0.81<br>-16.94 | 28.71<br>0.73<br>-20.96 | 31.03<br>1.15<br>-18.38 | 31.86<br>1.15<br>-19.05 | 24.93<br>0.99<br>-13.61 | 21.68<br>0.99<br>-10.34 | 18.85<br>0.84<br>-9.26  |
| NYPA____ASTORIA_CC1<br>323568   | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.55<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.63  | 14.02<br>0.51<br>-8.41  | 16.53<br>0.51<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.26<br>0.81<br>-16.94 | 28.70<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.92<br>0.98<br>-13.61 | 21.67<br>0.98<br>-10.34 | 18.84<br>0.83<br>-9.26  |
| NYPA____ASTORIA_CC2<br>323569   | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.55<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.63  | 14.02<br>0.51<br>-8.41  | 16.53<br>0.51<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.26<br>0.81<br>-16.94 | 28.70<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.92<br>0.98<br>-13.61 | 21.67<br>0.98<br>-10.34 | 18.84<br>0.83<br>-9.26  |
| NYPA____HOLTSVILL<br>23794      | 26.82<br>0.53<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.78<br>0.50<br>-15.20 | 20.95<br>0.45<br>-15.93 | 21.01<br>0.45<br>-16.00 | 22.66<br>0.55<br>-17.02 | 18.51<br>0.54<br>-12.88 | 20.03<br>0.81<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.23<br>0.82<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.76<br>0.59<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.18<br>0.60<br>-15.48 | 25.36<br>0.62<br>-19.62 | 28.29<br>0.95<br>-19.82 | 29.26<br>0.86<br>-21.37 | 31.25<br>1.36<br>-18.39 | 34.39<br>1.33<br>-21.41 | 29.96<br>1.17<br>-18.46 | 26.16<br>1.28<br>-14.52 | 20.82<br>1.00<br>-11.07 |
| NYPA____HELLGATE_GT1<br>24158   | 21.01<br>0.40<br>-15.51 | 18.60<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.34<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.30<br>0.38<br>-11.84 | 17.08<br>0.40<br>-11.59 | 16.60<br>0.58<br>-9.29  | 14.99<br>0.59<br>-7.98  | 15.37<br>0.67<br>-7.54  | 15.21<br>0.48<br>-9.56  | 15.43<br>0.50<br>-9.75  | 15.20<br>0.48<br>-9.62  | 14.01<br>0.51<br>-8.40  | 16.52<br>0.50<br>-10.91 | 19.91<br>0.54<br>-14.26 | 25.24<br>0.80<br>-16.92 | 28.66<br>0.70<br>-20.95 | 30.97<br>1.09<br>-18.38 | 31.79<br>1.10<br>-19.04 | 24.86<br>0.93<br>-13.60 | 21.62<br>0.93<br>-10.34 | 18.81<br>0.80<br>-9.26  |
| NYPA____HELLGATE_GT2<br>24159   | 21.01<br>0.40<br>-15.51 | 18.60<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.34<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.30<br>0.38<br>-11.84 | 17.08<br>0.40<br>-11.59 | 16.60<br>0.58<br>-9.29  | 14.99<br>0.59<br>-7.98  | 15.37<br>0.67<br>-7.54  | 15.21<br>0.48<br>-9.56  | 15.43<br>0.50<br>-9.75  | 15.20<br>0.48<br>-9.62  | 14.01<br>0.51<br>-8.40  | 16.52<br>0.50<br>-10.91 | 19.91<br>0.54<br>-14.26 | 25.24<br>0.80<br>-16.92 | 28.66<br>0.70<br>-20.95 | 30.97<br>1.09<br>-18.38 | 31.79<br>1.10<br>-19.04 | 24.86<br>0.93<br>-13.60 | 21.62<br>0.93<br>-10.34 | 18.81<br>0.80<br>-9.26  |
| NYS_BARGE____HYD<br>23848       | 7.29<br>-0.02<br>-2.21  | 6.89<br>-0.06<br>-1.87  | 6.72<br>-0.02<br>-1.65  | 6.60<br>0.02<br>-1.50   | 6.24<br>0.00<br>-1.66   | 6.20<br>0.01<br>-1.62   | 6.81<br>-0.02<br>-1.74  | 6.78<br>-0.01<br>-1.70  | 7.98<br>-0.11<br>-1.36  | 7.56<br>-0.04<br>-1.17  | 8.23<br>-0.04<br>-1.11  | 6.58<br>0.01<br>-1.40   | 6.62<br>0.01<br>-1.43   | 6.50<br>-0.01<br>-1.41  | 6.32<br>-0.01<br>-1.23  | 6.70<br>-0.01<br>-1.60  | 7.20<br>0.00<br>-2.09   | 10.00<br>0.00<br>-2.48  | 10.05<br>-0.03<br>-3.06 | 13.92<br>-0.25<br>-2.67 | 14.10<br>-0.31<br>-2.76 | 12.13<br>-0.20<br>-2.00 | 11.79<br>-0.08<br>-1.52 | 10.10<br>0.00<br>-1.36  |
| OAK ORCHARD____HYD<br>24046     | 7.02<br>0.05<br>-1.88   | 6.68<br>0.01<br>-1.59   | 6.53<br>0.05<br>-1.40   | 6.42<br>0.06<br>-1.28   | 6.03<br>0.05<br>-1.41   | 5.99<br>0.04<br>-1.38   | 6.60<br>0.04<br>-1.48   | 6.59<br>0.05<br>-1.45   | 7.88<br>-0.01<br>-1.16  | 7.46<br>0.04<br>-1.00   | 8.17<br>0.06<br>-0.94   | 6.42<br>0.06<br>-1.20   | 6.45<br>0.06<br>-1.22   | 6.34<br>0.04<br>-1.20   | 6.19<br>0.04<br>-1.05   | 6.51<br>0.05<br>-1.36   | 6.94<br>0.05<br>-1.78   | 9.72<br>0.08<br>-2.11   | 9.67<br>0.05<br>-2.60   | 13.74<br>-0.03<br>-2.27 | 13.96<br>-0.03<br>-2.35 | 12.04<br>0.01<br>-1.70  | 11.72<br>0.07<br>-1.29  | 9.99<br>0.10<br>-1.16   |
| OAKDALE____35_KV_LOAD<br>356122 | 9.53<br>0.07<br>-4.37   | 8.83<br>0.05<br>-3.69   | 8.40<br>0.07<br>-3.25   | 8.12<br>0.08<br>-2.96   | 7.92<br>0.06<br>-3.28   | 7.82<br>0.06<br>-3.20   | 8.58<br>0.06<br>-3.43   | 8.53<br>0.08<br>-3.36   | 9.51<br>0.09<br>-2.70   | 8.83<br>0.10<br>-2.31   | 9.45<br>0.11<br>-2.19   | 8.03<br>0.08<br>-2.77   | 8.09<br>0.09<br>-2.82   | 7.95<br>0.07<br>-2.78   | 7.60<br>0.07<br>-2.43   | 8.35<br>0.09<br>-3.16   | 9.33<br>0.09<br>-4.13   | 12.57<br>0.15<br>-4.90  | 13.17<br>0.13<br>-6.03  | 16.95<br>0.18<br>-5.26  | 17.27<br>0.17<br>-5.44  | 14.44<br>0.17<br>-3.94  | 13.53<br>0.19<br>-2.99  | 11.59<br>0.17<br>-2.68  |
| OCC_CHEM____DRP<br>24175        | 7.27<br>-0.09<br>-2.26  | 6.85<br>-0.14<br>-1.91  | 6.67<br>-0.10<br>-1.68  | 6.56<br>-0.07<br>-1.54  | 6.20<br>-0.07<br>-1.70  | 6.16<br>-0.06<br>-1.65  | 6.77<br>-0.09<br>-1.78  | 6.72<br>-0.09<br>-1.71  | 7.93<br>-0.17<br>-1.37  | 7.48<br>-0.12<br>-1.18  | 8.15<br>-0.12<br>-1.11  | 6.53<br>-0.05<br>-1.41  | 6.57<br>-0.05<br>-1.44  | 6.44<br>-0.07<br>-1.41  | 6.26<br>-0.07<br>-1.23  | 6.67<br>-0.04<br>-1.61  | 7.16<br>-0.06<br>-2.11  | 9.94<br>-0.09<br>-2.51  | 10.02<br>-0.13<br>-3.13 | 13.77<br>-0.46<br>-2.73 | 13.96<br>-0.51<br>-2.82 | 12.00<br>-0.38<br>-2.05 | 11.67<br>-0.24<br>-1.56 | 10.00<br>-0.14<br>-1.39 |
| OH_GEN_PROXY<br>24063           | 7.30<br>-0.05<br>-2.25  | 6.91<br>-0.08<br>-1.91  | 6.72<br>-0.04<br>-1.68  | 6.60<br>-0.01<br>-1.53  | 6.25<br>-0.01<br>-1.69  | 6.20<br>-0.01<br>-1.65  | 6.82<br>-0.04<br>-1.77  | 6.81<br>-0.02<br>-1.73  | 8.01<br>-0.11<br>-1.39  | 7.58<br>-0.04<br>-1.19  | 8.25<br>-0.04<br>-1.13  | 6.61<br>0.01<br>-1.43   | 6.64<br>0.01<br>-1.46   | 6.53<br>-0.01<br>-1.44  | 6.34<br>-0.01<br>-1.26  | 6.73<br>-0.01<br>-1.63  | 7.24<br>0.00<br>-2.13   | 10.05<br>0.00<br>-2.53  | 10.08<br>-0.05<br>-3.11 | 13.93<br>-0.29<br>-2.72 | 14.12<br>-0.34<br>-2.81 | 12.14<br>-0.23<br>-2.03 | 11.78<br>-0.11<br>-1.54 | 10.09<br>-0.03<br>-1.38 |
| OLIN_CORP_DRP<br>24177          | 7.32<br>-0.05<br>-2.27  | 6.89<br>-0.11<br>-1.92  | 6.71<br>-0.07<br>-1.69  | 6.59<br>-0.03<br>-1.54  | 6.24<br>-0.04<br>-1.71  | 6.20<br>-0.04<br>-1.66  | 6.80<br>-0.08<br>-1.79  | 6.76<br>-0.08<br>-1.75  | 7.97<br>-0.16<br>-1.40  | 7.52<br>-0.11<br>-1.20  | 8.18<br>-0.11<br>-1.14  | 6.57<br>-0.05<br>-1.44  | 6.60<br>-0.05<br>-1.47  | 6.49<br>-0.06<br>-1.45  | 6.30<br>-0.07<br>-1.27  | 6.71<br>-0.04<br>-1.64  | 7.21<br>-0.06<br>-2.15  | 9.99<br>-0.08<br>-2.55  | 10.04<br>-0.12<br>-3.14 | 13.83<br>-0.41<br>-2.74 | 14.02<br>-0.47<br>-2.83 | 12.04<br>-0.34<br>-2.05 | 11.69<br>-0.22<br>-1.56 | 10.03<br>-0.11<br>-1.40 |
| OLIN_CORP_DSASP<br>323712       | 7.25<br>-0.10<br>-2.26  | 6.85<br>-0.14<br>-1.91  | 6.67<br>-0.10<br>-1.68  | 6.55<br>-0.07<br>-1.54  | 6.20<br>-0.07<br>-1.70  | 6.16<br>-0.06<br>-1.65  | 6.77<br>-0.09<br>-1.78  | 6.73<br>-0.08<br>-1.71  | 7.91<br>-0.19<br>-1.37  | 7.48<br>-0.12<br>-1.18  | 8.15<br>-0.12<br>-1.11  | 6.53<br>-0.05<br>-1.41  | 6.57<br>-0.05<br>-1.44  | 6.44<br>-0.07<br>-1.41  | 6.26<br>-0.07<br>-1.23  | 6.65<br>-0.07<br>-1.61  | 7.16<br>-0.06<br>-2.11  | 9.94<br>-0.09<br>-2.51  | 10.02<br>-0.13<br>-3.13 | 13.77<br>-0.46<br>-2.73 | 13.96<br>-0.51<br>-2.82 | 12.00<br>-0.38<br>-2.05 | 11.67<br>-0.24<br>-1.56 | 10.00<br>-0.14<br>-1.39 |
| ONEIDA_HERK_LFGE<br>323681      | 5.65<br>0.02<br>-0.53   | 5.54<br>0.01<br>-0.45   | 5.50<br>0.02<br>-0.40   | 5.48<br>0.04<br>-0.36   | 5.00<br>0.03<br>-0.40   | 4.98<br>0.02<br>-0.39   | 5.51<br>0.01<br>-0.42   | 5.53<br>0.03<br>-0.41   | 7.06<br>0.01<br>-0.33   | 6.71<br>0.01<br>-0.28   | 7.41<br>-0.01<br>-0.27  | 5.49<br>-0.02<br>-0.34  | 5.51<br>-0.01<br>-0.34  | 5.41<br>-0.03<br>-0.34  | 5.34<br>-0.05<br>-0.30  | 5.46<br>-0.03<br>-0.39  | 5.60<br>-0.02<br>-0.50  | 8.11<br>-0.01<br>-0.60  | 7.78<br>0.02<br>-0.74   | 12.23<br>0.09<br>-0.64  | 12.44<br>0.12<br>-0.66  | 10.89<br>0.08<br>-0.48  | 10.79<br>0.07<br>-0.37  | 9.16<br>0.09<br>-0.33   |
| ONEIDA____115KV_TB4<br>55905    | 6.11<br>0.08<br>-0.94   | 5.94<br>0.06<br>-0.79   | 5.85<br>0.07<br>-0.70   | 5.80<br>0.09<br>-0.64   | 5.35<br>0.07<br>-0.70   | 5.32<br>0.07<br>-0.69   | 5.88<br>0.06<br>-0.74   | 5.89<br>0.08<br>-0.72   | 7.38<br>0.07<br>-0.58   | 6.99<br>0.07<br>-0.50   | 7.69<br>0.06<br>-0.47   | 5.81<br>0.05<br>-0.60   | 5.83<br>0.05<br>-0.61   | 5.72<br>0.03<br>-0.60   | 5.64<br>0.02<br>-0.52   | 5.82<br>0.04<br>-0.68   | 6.05<br>0.05<br>-0.89   | 8.66<br>0.09<br>-1.05   | 8.42<br>0.11<br>-1.29   | 12.85<br>0.22<br>-1.13  | 13.06<br>0.23<br>-1.17  | 11.36<br>0.19<br>-0.85  | 11.18<br>0.19<br>-0.64  | 9.51<br>0.19<br>-0.58   |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ONONDAGA_REF_OCCRA<br>23987                   | 6.78<br>-0.03<br>-1.71  | 6.49<br>-0.04<br>-1.45  | 6.33<br>-0.03<br>-1.27  | 6.22<br>-0.03<br>-1.16  | 5.83<br>-0.03<br>-1.29  | 5.79<br>-0.03<br>-1.25  | 6.40<br>-0.04<br>-1.35  | 6.38<br>-0.03<br>-1.32  | 7.74<br>-0.04<br>-1.06 | 7.30<br>-0.03<br>-0.91 | 7.99<br>-0.03<br>-0.86 | 6.24<br>-0.02<br>-1.09 | 6.27<br>-0.02<br>-1.11 | 6.15<br>-0.04<br>-1.09 | 6.02<br>-0.03<br>-0.95 | 6.33<br>-0.02<br>-1.24  | 6.72<br>-0.02<br>-1.62  | 9.44<br>0.00<br>-1.92   | 9.37<br>-0.01<br>-2.36  | 13.53<br>-0.03<br>-2.07 | 13.75<br>-0.03<br>-2.13 | 11.86<br>-0.02<br>-1.55 | 11.51<br>-0.02<br>-1.17 | 9.79<br>0.00<br>-1.05   |
| ONONDAGA___COGEN<br>23986                     | 6.69<br>-0.03<br>-1.62  | 6.42<br>-0.04<br>-1.37  | 6.27<br>-0.03<br>-1.21  | 6.16<br>-0.03<br>-1.10  | 5.77<br>-0.03<br>-1.22  | 5.73<br>-0.03<br>-1.19  | 6.33<br>-0.03<br>-1.28  | 6.32<br>-0.02<br>-1.25  | 7.69<br>-0.04<br>-1.00 | 7.26<br>-0.03<br>-0.86 | 7.95<br>-0.02<br>-0.81 | 6.19<br>-0.02<br>-1.03 | 6.21<br>-0.02<br>-1.05 | 6.10<br>-0.03<br>-1.04 | 5.97<br>-0.03<br>-0.91 | 6.26<br>-0.02<br>-1.18  | 6.64<br>-0.02<br>-1.54  | 9.34<br>0.00<br>-1.82   | 9.24<br>-0.02<br>-2.24  | 13.42<br>-0.03<br>-1.96 | 13.64<br>-0.03<br>-2.02 | 11.77<br>-0.03<br>-1.47 | 11.45<br>-0.02<br>-1.11 | 9.74<br>0.00<br>-1.00   |
| ONTARIO___LFGE<br>23819                       | 7.31<br>0.05<br>-2.16   | 6.94<br>0.03<br>-1.83   | 6.75<br>0.05<br>-1.61   | 6.62<br>0.07<br>-1.47   | 6.26<br>0.06<br>-1.63   | 6.21<br>0.06<br>-1.58   | 6.84<br>0.06<br>-1.70   | 6.85<br>0.09<br>-1.67   | 8.12<br>0.06<br>-1.34  | 7.65<br>0.08<br>-1.15  | 8.34<br>0.10<br>-1.09  | 6.62<br>0.08<br>-1.38  | 6.65<br>0.08<br>-1.40  | 6.53<br>0.05<br>-1.38  | 6.35<br>0.05<br>-1.21  | 6.74<br>0.07<br>-1.57   | 7.24<br>0.08<br>-2.05   | 10.09<br>0.14<br>-2.43  | 10.13<br>0.12<br>-2.99  | 14.27<br>0.16<br>-2.61  | 14.51<br>0.16<br>-2.70  | 12.44<br>0.16<br>-1.96  | 12.00<br>0.17<br>-1.49  | 10.25<br>0.17<br>-1.33  |
| ORANGEVILLE_WT_PWR<br>323706                  | 7.77<br>0.01<br>-2.67   | 7.31<br>-0.03<br>-2.26  | 7.09<br>0.02<br>-1.99   | 6.93<br>0.04<br>-1.81   | 6.60<br>0.03<br>-2.00   | 6.55<br>0.03<br>-1.95   | 7.21<br>0.03<br>-2.10   | 7.20<br>0.05<br>-2.05   | 8.37<br>-0.01<br>-1.65 | 7.88<br>0.05<br>-1.41  | 8.55<br>0.06<br>-1.34  | 6.94<br>0.07<br>-1.69  | 6.97<br>0.07<br>-1.73  | 6.85<br>0.05<br>-1.70  | 6.63<br>0.05<br>-1.49  | 7.09<br>0.06<br>-1.93   | 7.70<br>0.07<br>-2.52   | 10.62<br>0.11<br>-3.00  | 10.78<br>0.08<br>-3.69  | 14.69<br>-0.02<br>-3.22 | 14.92<br>-0.06<br>-3.32 | 12.75<br>0.01<br>-2.41  | 12.28<br>0.09<br>-1.83  | 10.51<br>0.13<br>-1.64  |
| ORANGEVILLE___ESR<br>323794                   | 7.77<br>0.01<br>-2.67   | 7.31<br>-0.03<br>-2.26  | 7.09<br>0.02<br>-1.99   | 6.93<br>0.04<br>-1.81   | 6.60<br>0.03<br>-2.00   | 6.55<br>0.03<br>-1.95   | 7.21<br>0.03<br>-2.10   | 7.20<br>0.05<br>-2.05   | 8.37<br>-0.01<br>-1.65 | 7.88<br>0.05<br>-1.41  | 8.55<br>0.06<br>-1.34  | 6.94<br>0.07<br>-1.69  | 6.97<br>0.07<br>-1.73  | 6.85<br>0.05<br>-1.70  | 6.63<br>0.05<br>-1.49  | 7.09<br>0.06<br>-1.93   | 7.70<br>0.07<br>-2.52   | 10.62<br>0.11<br>-3.00  | 10.78<br>0.08<br>-3.69  | 14.69<br>-0.02<br>-3.22 | 14.92<br>-0.06<br>-3.32 | 12.75<br>0.01<br>-2.41  | 12.28<br>0.09<br>-1.83  | 10.51<br>0.13<br>-1.64  |
| OSWEGATCHIE___HYD<br>24044                    | 5.35<br>-0.19<br>-0.45  | 5.28<br>-0.18<br>-0.38  | 5.27<br>-0.15<br>-0.33  | 5.23<br>-0.16<br>-0.30  | 4.77<br>-0.14<br>-0.33  | 4.76<br>-0.14<br>-0.33  | 5.26<br>-0.18<br>-0.35  | 5.26<br>-0.18<br>-0.34  | 6.75<br>-0.25<br>-0.28 | 6.40<br>-0.26<br>-0.24 | 7.07<br>-0.31<br>-0.22 | 5.22<br>-0.23<br>-0.28 | 5.22<br>-0.24<br>-0.29 | 5.14<br>-0.24<br>-0.28 | 5.08<br>-0.27<br>-0.25 | 5.18<br>-0.24<br>-0.32  | 5.29<br>-0.24<br>-0.42  | 7.67<br>-0.35<br>-0.50  | 7.35<br>-0.29<br>-0.62  | 11.66<br>-0.38<br>-0.54 | 11.85<br>-0.36<br>-0.56 | 10.40<br>-0.33<br>-0.40 | 10.31<br>-0.35<br>-0.31 | 8.73<br>-0.29<br>-0.27  |
| OSWEGO___5<br>23606                           | 6.29<br>-0.12<br>-1.31  | 6.06<br>-0.13<br>-1.11  | 5.94<br>-0.12<br>-0.97  | 5.86<br>-0.11<br>-0.89  | 5.45<br>-0.11<br>-0.98  | 5.42<br>-0.10<br>-0.96  | 5.99<br>-0.12<br>-1.03  | 5.99<br>-0.11<br>-1.01  | 7.37<br>-0.16<br>-0.81 | 6.98<br>-0.14<br>-0.69 | 7.66<br>-0.15<br>-0.66 | 5.89<br>-0.11<br>-0.83 | 5.92<br>-0.10<br>-0.85 | 5.82<br>-0.12<br>-0.84 | 5.71<br>-0.12<br>-0.73 | 5.94<br>-0.11<br>-0.95  | 6.25<br>-0.11<br>-1.24  | 8.85<br>-0.14<br>-1.47  | 8.68<br>-0.15<br>-1.81  | 12.83<br>-0.25<br>-1.58 | 13.03<br>-0.26<br>-1.63 | 11.29<br>-0.23<br>-1.18 | 11.04<br>-0.21<br>-0.90 | 9.38<br>-0.17<br>-0.81  |
| OSWEGO___6<br>23613                           | 6.29<br>-0.12<br>-1.31  | 6.06<br>-0.13<br>-1.11  | 5.94<br>-0.12<br>-0.97  | 5.86<br>-0.11<br>-0.89  | 5.45<br>-0.11<br>-0.98  | 5.42<br>-0.10<br>-0.96  | 5.99<br>-0.12<br>-1.03  | 5.99<br>-0.11<br>-1.01  | 7.37<br>-0.16<br>-0.81 | 6.98<br>-0.14<br>-0.69 | 7.66<br>-0.15<br>-0.66 | 5.89<br>-0.11<br>-0.83 | 5.92<br>-0.10<br>-0.85 | 5.82<br>-0.12<br>-0.84 | 5.71<br>-0.12<br>-0.73 | 5.94<br>-0.11<br>-0.95  | 6.25<br>-0.11<br>-1.24  | 8.85<br>-0.14<br>-1.47  | 8.68<br>-0.15<br>-1.81  | 12.83<br>-0.25<br>-1.58 | 13.03<br>-0.26<br>-1.63 | 11.29<br>-0.23<br>-1.18 | 11.04<br>-0.21<br>-0.90 | 9.38<br>-0.17<br>-0.81  |
| OUTOKUMPU-AB___DRP<br>24206                   | 7.41<br>0.02<br>-2.30   | 6.98<br>-0.05<br>-1.95  | 6.80<br>0.00<br>-1.71   | 6.68<br>0.04<br>-1.56   | 6.32<br>0.02<br>-1.73   | 6.27<br>0.02<br>-1.68   | 6.90<br>0.00<br>-1.81   | 6.86<br>0.01<br>-1.76   | 8.10<br>-0.04<br>-1.41 | 7.63<br>0.00<br>-1.21  | 8.31<br>0.01<br>-1.14  | 6.67<br>0.05<br>-1.45  | 6.70<br>0.05<br>-1.48  | 6.58<br>0.03<br>-1.46  | 6.39<br>0.02<br>-1.27  | 6.80<br>0.05<br>-1.66   | 7.31<br>0.04<br>-2.17   | 10.14<br>0.05<br>-2.57  | 10.22<br>0.01<br>-3.18  | 14.09<br>-0.18<br>-2.78 | 14.28<br>-0.24<br>-2.87 | 12.28<br>-0.13<br>-2.08 | 11.91<br>-0.02<br>-1.58 | 10.22<br>0.06<br>-1.42  |
| OXBOW____<br>24026                            | 7.33<br>-0.05<br>-2.28  | 6.92<br>-0.09<br>-1.93  | 6.74<br>-0.04<br>-1.70  | 6.62<br>-0.01<br>-1.55  | 6.27<br>-0.02<br>-1.71  | 6.22<br>-0.01<br>-1.67  | 6.84<br>-0.04<br>-1.79  | 6.81<br>-0.02<br>-1.74  | 8.00<br>-0.11<br>-1.39 | 7.57<br>-0.04<br>-1.19 | 8.24<br>-0.04<br>-1.13 | 6.61<br>0.01<br>-1.43  | 6.64<br>0.01<br>-1.46  | 6.52<br>-0.01<br>-1.43 | 6.33<br>-0.02<br>-1.25 | 6.72<br>-0.01<br>-1.63  | 7.25<br>-0.01<br>-2.14  | 10.05<br>-0.01<br>-2.54 | 10.14<br>-0.04<br>-3.16 | 13.97<br>-0.29<br>-2.75 | 14.15<br>-0.35<br>-2.84 | 12.17<br>-0.23<br>-2.06 | 11.82<br>-0.10<br>-1.57 | 10.13<br>-0.02<br>-1.41 |
| OXY_CHEM_DSASP<br>323612                      | 7.25<br>-0.10<br>-2.26  | 6.85<br>-0.14<br>-1.91  | 6.67<br>-0.10<br>-1.68  | 6.55<br>-0.07<br>-1.54  | 6.20<br>-0.07<br>-1.70  | 6.16<br>-0.06<br>-1.65  | 6.77<br>-0.09<br>-1.78  | 6.73<br>-0.08<br>-1.71  | 7.91<br>-0.19<br>-1.37 | 7.48<br>-0.12<br>-1.18 | 8.15<br>-0.12<br>-1.11 | 6.53<br>-0.05<br>-1.41 | 6.57<br>-0.05<br>-1.44 | 6.44<br>-0.07<br>-1.41 | 6.26<br>-0.07<br>-1.23 | 6.65<br>-0.07<br>-1.61  | 7.16<br>-0.06<br>-2.11  | 9.94<br>-0.09<br>-2.51  | 10.02<br>-0.13<br>-3.13 | 13.77<br>-0.46<br>-2.73 | 13.96<br>-0.51<br>-2.82 | 12.00<br>-0.38<br>-2.05 | 11.67<br>-0.24<br>-1.56 | 10.00<br>-0.14<br>-1.39 |
| OZONE_PARK_ESR<br>323760                      | 21.02<br>0.43<br>-15.50 | 18.61<br>0.41<br>-13.12 | 17.02<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.52 | 16.56<br>0.35<br>-11.64 | 16.25<br>0.34<br>-11.35 | 17.35<br>0.43<br>-11.84 | 17.14<br>0.45<br>-11.60 | 16.69<br>0.66<br>-9.30 | 15.06<br>0.66<br>-7.99 | 15.45<br>0.74<br>-7.55 | 15.27<br>0.53<br>-9.57 | 15.48<br>0.55<br>-9.76 | 15.25<br>0.53<br>-9.62 | 14.04<br>0.54<br>-8.41 | 16.56<br>0.54<br>-10.92 | 19.95<br>0.57<br>-14.27 | 25.29<br>0.84<br>-16.93 | 28.73<br>0.76<br>-20.96 | 31.08<br>1.20<br>-18.38 | 31.93<br>1.22<br>-19.05 | 24.98<br>1.04<br>-13.61 | 21.72<br>1.04<br>-10.34 | 18.86<br>0.87<br>-9.25  |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A<br>345013 | 7.27<br>-0.09<br>-2.26  | 6.85<br>-0.14<br>-1.91  | 6.67<br>-0.10<br>-1.68  | 6.56<br>-0.07<br>-1.54  | 6.20<br>-0.07<br>-1.70  | 6.16<br>-0.06<br>-1.65  | 6.77<br>-0.09<br>-1.78  | 6.72<br>-0.09<br>-1.71  | 7.93<br>-0.17<br>-1.37 | 7.48<br>-0.12<br>-1.18 | 8.15<br>-0.12<br>-1.11 | 6.53<br>-0.05<br>-1.41 | 6.57<br>-0.05<br>-1.44 | 6.44<br>-0.07<br>-1.41 | 6.26<br>-0.07<br>-1.23 | 6.67<br>-0.04<br>-1.61  | 7.16<br>-0.06<br>-2.11  | 9.94<br>-0.09<br>-2.51  | 10.02<br>-0.13<br>-3.13 | 13.77<br>-0.46<br>-2.73 | 13.96<br>-0.51<br>-2.82 | 12.00<br>-0.38<br>-2.05 | 11.67<br>-0.24<br>-1.56 | 10.00<br>-0.14<br>-1.39 |
| PACKARD___115KV_DUPONT_184<br>80571           | 7.27<br>-0.09<br>-2.26  | 6.85<br>-0.14<br>-1.91  | 6.67<br>-0.10<br>-1.68  | 6.56<br>-0.07<br>-1.54  | 6.20<br>-0.07<br>-1.70  | 6.16<br>-0.06<br>-1.65  | 6.77<br>-0.09<br>-1.78  | 6.72<br>-0.09<br>-1.71  | 7.93<br>-0.17<br>-1.37 | 7.48<br>-0.12<br>-1.18 | 8.15<br>-0.12<br>-1.11 | 6.53<br>-0.05<br>-1.41 | 6.57<br>-0.05<br>-1.44 | 6.44<br>-0.07<br>-1.41 | 6.26<br>-0.07<br>-1.23 | 6.67<br>-0.04<br>-1.61  | 7.16<br>-0.06<br>-2.11  | 9.94<br>-0.09<br>-2.51  | 10.02<br>-0.13<br>-3.13 | 13.77<br>-0.46<br>-2.73 | 13.96<br>-0.51<br>-2.82 | 12.00<br>-0.38<br>-2.05 | 11.67<br>-0.24<br>-1.56 | 10.00<br>-0.14<br>-1.39 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J<br>345007     | 21.02<br>0.41<br>-15.51 | 18.61<br>0.40<br>-13.12 | 17.03<br>0.40<br>-11.54 | 16.00<br>0.39<br>-10.53 | 16.56<br>0.35<br>-11.64 | 16.23<br>0.32<br>-11.35 | 17.30<br>0.38<br>-11.84 | 17.09<br>0.40<br>-11.60 | 16.61<br>0.59<br>-9.30 | 14.99<br>0.58<br>-7.99 | 15.38<br>0.67<br>-7.55 | 15.22<br>0.48<br>-9.57 | 15.43<br>0.49<br>-9.76 | 15.20<br>0.47<br>-9.63 | 14.00<br>0.49<br>-8.41 | 16.51<br>0.49<br>-10.92 | 19.90<br>0.52<br>-14.26 | 25.21<br>0.77<br>-16.92 | 28.67<br>0.69<br>-20.96 | 30.99<br>1.10<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.88<br>0.94<br>-13.61 | 21.63<br>0.94<br>-10.34 | 18.83<br>0.82<br>-9.26  |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J<br>345019 | 21.03<br>0.43<br>-15.51 | 18.63<br>0.42<br>-13.12 | 17.05<br>0.42<br>-11.54 | 16.05<br>0.44<br>-10.53 | 16.60<br>0.39<br>-11.64 | 16.27<br>0.35<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.13<br>0.44<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.22<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.20<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.90<br>0.53<br>-14.26 | 25.22<br>0.78<br>-16.92 | 28.69<br>0.71<br>-20.96 | 31.01<br>1.13<br>-18.38 | 31.83<br>1.13<br>-19.05 | 24.90<br>0.96<br>-13.61 | 21.65<br>0.96<br>-10.34 | 18.89<br>0.88<br>-9.26  |
| PATROON__115KV_TB1<br>80586               | 24.73<br>0.10<br>-19.54 | 21.71<br>0.10<br>-16.53 | 19.74<br>0.11<br>-14.54 | 18.51<br>0.16<br>-13.26 | 19.38<br>0.14<br>-14.67 | 19.01<br>0.14<br>-14.30 | 20.42<br>0.18<br>-15.16 | 20.12<br>0.18<br>-14.84 | 18.87<br>0.24<br>-11.91 | 16.86<br>0.22<br>-10.22 | 17.08<br>0.25<br>-9.67  | 17.60<br>0.18<br>-12.25 | 17.83<br>0.18<br>-12.47 | 17.58<br>0.18<br>-12.30 | 16.01<br>0.17<br>-10.74 | 19.23<br>0.17<br>-13.96 | 23.52<br>0.16<br>-18.25 | 29.39<br>0.22<br>-21.65 | 33.57<br>0.20<br>-26.34 | 34.69<br>0.33<br>-22.86 | 35.49<br>0.33<br>-23.51 | 28.06<br>0.31<br>-17.42 | 23.92<br>0.34<br>-13.23 | 20.86<br>0.27<br>-11.85 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A<br>345030  | 7.55<br>-0.04<br>-2.50  | 7.10<br>-0.10<br>-2.11  | 6.89<br>-0.06<br>-1.86  | 6.75<br>-0.03<br>-1.70  | 6.41<br>-0.04<br>-1.87  | 6.36<br>-0.03<br>-1.83  | 7.00<br>-0.05<br>-1.96  | 6.98<br>-0.03<br>-1.92  | 8.18<br>-0.09<br>-1.54  | 7.69<br>-0.05<br>-1.32  | 8.36<br>-0.05<br>-1.25  | 6.76<br>0.01<br>-1.58   | 6.79<br>0.01<br>-1.61   | 6.68<br>-0.01<br>-1.59  | 6.47<br>-0.02<br>-1.39  | 6.92<br>0.01<br>-1.81   | 7.47<br>0.00<br>-2.36   | 10.32<br>0.00<br>-2.80  | 10.45<br>-0.01<br>-3.45 | 14.33<br>-0.18<br>-3.01 | 14.51<br>-0.26<br>-3.11 | 12.44<br>-0.14<br>-2.26 | 12.00<br>-0.06<br>-1.71 | 10.28<br>0.01<br>-1.53  |
| PAWLING_115_KV_BK3_REV_LBMP_H<br>345028   | 21.11<br>0.38<br>-15.64 | 18.67<br>0.36<br>-13.23 | 17.07<br>0.35<br>-11.64 | 16.02<br>0.33<br>-10.61 | 16.60<br>0.29<br>-11.74 | 16.30<br>0.28<br>-11.45 | 17.39<br>0.37<br>-11.94 | 17.16<br>0.38<br>-11.70 | 16.64<br>0.53<br>-9.38  | 15.00<br>0.53<br>-8.05  | 15.40<br>0.62<br>-7.62  | 15.26<br>0.44<br>-9.65  | 15.46<br>0.46<br>-9.83  | 15.21<br>0.42<br>-9.69  | 13.99<br>0.43<br>-8.46  | 16.53<br>0.43<br>-11.00 | 19.96<br>0.47<br>-14.38 | 25.28<br>0.70<br>-17.06 | 28.76<br>0.63<br>-21.11 | 31.05<br>1.05<br>-18.50 | 31.84<br>1.03<br>-19.16 | 24.96<br>0.91<br>-13.72 | 21.66<br>0.88<br>-10.42 | 18.78<br>0.70<br>-9.33  |
| PEEKSKILL____<br>23653                    | 20.78<br>0.35<br>-15.34 | 18.39<br>0.34<br>-12.98 | 16.83<br>0.33<br>-11.41 | 15.81<br>0.32<br>-10.41 | 16.37<br>0.28<br>-11.52 | 16.07<br>0.27<br>-11.23 | 17.15<br>0.35<br>-11.72 | 16.94<br>0.37<br>-11.47 | 16.46<br>0.53<br>-9.20  | 14.85<br>0.53<br>-7.90  | 15.22<br>0.59<br>-7.47  | 15.07<br>0.43<br>-9.47  | 15.26<br>0.44<br>-9.64  | 15.03<br>0.42<br>-9.51  | 13.83<br>0.43<br>-8.30  | 16.33<br>0.43<br>-10.79 | 19.68<br>0.47<br>-14.11 | 24.93<br>0.68<br>-16.74 | 28.37<br>0.61<br>-20.74 | 30.67<br>0.98<br>-18.19 | 31.48<br>0.98<br>-18.85 | 24.65<br>0.86<br>-13.46 | 21.43<br>0.85<br>-10.23 | 18.59<br>0.69<br>-9.16  |
| PGE MADISON__WINDPWR<br>24146             | 9.56<br>0.35<br>-4.12   | 8.90<br>0.33<br>-3.48   | 8.49<br>0.34<br>-3.06   | 8.24<br>0.37<br>-2.80   | 7.97<br>0.31<br>-3.09   | 7.88<br>0.30<br>-3.01   | 8.62<br>0.31<br>-3.23   | 8.60<br>0.35<br>-3.17   | 9.66<br>0.40<br>-2.54   | 8.94<br>0.34<br>-2.18   | 9.53<br>0.31<br>-2.06   | 7.99<br>0.21<br>-2.61   | 8.05<br>0.22<br>-2.66   | 7.86<br>0.14<br>-2.62   | 7.53<br>0.14<br>-2.29   | 8.24<br>0.16<br>-2.98   | 9.20<br>0.20<br>-3.89   | 12.50<br>0.36<br>-4.62  | 13.12<br>0.42<br>-5.68  | 17.32<br>0.86<br>-4.96  | 17.71<br>0.93<br>-5.12  | 14.80<br>0.75<br>-3.71  | 13.91<br>0.74<br>-2.82  | 11.95<br>0.68<br>-2.53  |
| PIERCEFIELD__HYD<br>23852                 | 4.79<br>-0.30<br>0.00   | 4.80<br>-0.28<br>0.00   | 4.86<br>-0.23<br>0.00   | 4.85<br>-0.23<br>0.00   | 4.37<br>-0.20<br>0.00   | 4.38<br>-0.19<br>0.00   | 4.84<br>-0.24<br>0.00   | 4.86<br>-0.23<br>0.00   | 6.40<br>-0.32<br>0.00   | 6.08<br>-0.35<br>0.00   | 6.76<br>-0.40<br>0.00   | 4.87<br>-0.31<br>0.00   | 4.86<br>-0.32<br>0.00   | 4.81<br>-0.29<br>0.00   | 4.79<br>-0.31<br>0.00   | 4.79<br>-0.31<br>0.00   | 4.80<br>-0.31<br>0.00   | 7.04<br>-0.48<br>0.00   | 6.61<br>-0.41<br>0.00   | 10.91<br>-0.59<br>0.00  | 11.06<br>-0.59<br>0.00  | 9.79<br>-0.54<br>0.00   | 9.77<br>-0.58<br>0.00   | 8.27<br>-0.47<br>0.00   |
| PINELAWN_CC_1<br>323563                   | 26.80<br>0.51<br>-21.19 | 24.10<br>0.50<br>-18.52 | 24.31<br>0.49<br>-18.73 | 20.75<br>0.47<br>-15.20 | 20.93<br>0.42<br>-15.93 | 20.99<br>0.42<br>-16.00 | 22.63<br>0.52<br>-17.02 | 18.49<br>0.52<br>-12.88 | 19.98<br>0.77<br>-12.49 | 17.46<br>0.73<br>-10.30 | 18.21<br>0.79<br>-10.26 | 18.20<br>0.57<br>-12.46 | 18.52<br>0.58<br>-12.76 | 18.73<br>0.56<br>-13.08 | 18.82<br>0.57<br>-13.15 | 21.15<br>0.57<br>-15.48 | 25.33<br>0.60<br>-19.62 | 28.23<br>0.89<br>-19.82 | 29.21<br>0.82<br>-21.37 | 31.19<br>1.30<br>-18.39 | 34.37<br>1.31<br>-21.41 | 29.94<br>1.15<br>-18.46 | 26.07<br>1.20<br>-14.51 | 20.78<br>0.96<br>-11.07 |
| PJM_GEN_HTP_PROXY<br>323702               | 20.99<br>0.39<br>-15.50 | 18.57<br>0.38<br>-13.11 | 16.99<br>0.37<br>-11.54 | 15.96<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.10<br>0.42<br>-11.59 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.43<br>0.50<br>-9.75  | 15.20<br>0.48<br>-9.62  | 14.00<br>0.50<br>-8.40  | 16.51<br>0.49<br>-10.91 | 19.91<br>0.53<br>-14.27 | 25.21<br>0.77<br>-16.93 | 28.66<br>0.69<br>-20.96 | 30.97<br>1.09<br>-18.38 | 31.81<br>1.11<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.64<br>0.95<br>-10.33 | 18.78<br>0.79<br>-9.25  |
| PJM_GEN_KEystone<br>24065                 | 14.70<br>0.17<br>-9.43  | 13.21<br>0.14<br>-7.98  | 12.26<br>0.16<br>-7.02  | 11.65<br>0.17<br>-6.40  | 11.80<br>0.15<br>-7.08  | 11.62<br>0.14<br>-6.91  | 12.50<br>0.17<br>-7.24  | 12.37<br>0.19<br>-7.09  | 12.67<br>0.26<br>-5.69  | 11.58<br>0.27<br>-4.88  | 12.08<br>0.31<br>-4.62  | 11.25<br>0.23<br>-5.85  | 11.38<br>0.24<br>-5.96  | 11.20<br>0.22<br>-5.88  | 10.46<br>0.23<br>-5.13  | 12.01<br>0.23<br>-6.67  | 14.09<br>0.26<br>-8.72  | 18.24<br>0.38<br>-10.34 | 20.14<br>0.32<br>-12.80 | 23.17<br>0.45<br>-11.22 | 23.71<br>0.43<br>-11.62 | 19.05<br>0.40<br>-8.32  | 17.10<br>0.42<br>-6.32  | 14.78<br>0.38<br>-5.66  |
| PJM_GEN_NEPTUNE_PROXY<br>323594           | 24.22<br>0.45<br>-18.68 | 21.65<br>0.44<br>-16.13 | 21.07<br>0.43<br>-15.55 | 18.63<br>0.42<br>-13.13 | 18.98<br>0.38<br>-14.04 | 18.88<br>0.37<br>-13.94 | 20.28<br>0.46<br>-14.73 | 17.88<br>0.47<br>-12.31 | 18.50<br>0.69<br>-11.08 | 16.37<br>0.67<br>-9.28  | 16.95<br>0.73<br>-9.06  | 16.88<br>0.53<br>-11.18 | 17.14<br>0.53<br>-11.43 | 17.16<br>0.52<br>-11.54 | 16.67<br>0.53<br>-11.05 | 19.08<br>0.53<br>-13.46 | 22.91<br>0.55<br>-17.25 | 26.86<br>0.81<br>-18.53 | 28.94<br>0.73<br>-21.19 | 31.04<br>1.15<br>-18.39 | 33.17<br>1.15<br>-20.36 | 27.67<br>1.02<br>-16.31 | 24.09<br>1.07<br>-12.67 | 19.88<br>0.87<br>-10.27 |
| PJM_GEN_VFT_PROXY<br>323633               | 20.96<br>0.37<br>-15.50 | 18.55<br>0.35<br>-13.12 | 16.97<br>0.35<br>-11.54 | 15.95<br>0.34<br>-10.52 | 16.51<br>0.30<br>-11.64 | 16.22<br>0.30<br>-11.35 | 17.30<br>0.38<br>-11.84 | 17.10<br>0.41<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.44<br>0.51<br>-9.76  | 15.20<br>0.48<br>-9.62  | 14.00<br>0.50<br>-8.41  | 16.51<br>0.49<br>-10.92 | 19.91<br>0.53<br>-14.27 | 25.23<br>0.77<br>-16.93 | 28.65<br>0.67<br>-20.96 | 30.94<br>1.06<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.63<br>0.94<br>-10.34 | 18.78<br>0.79<br>-9.25  |
| PLATSBRG_115KV_PMLD1<br>355749            | 5.10<br>0.01<br>0.00    | 5.13<br>0.05<br>0.00    | 5.14<br>0.05<br>0.00    | 5.10<br>0.02<br>0.00    | 4.61<br>0.03<br>0.00    | 4.61<br>0.04<br>0.00    | 5.14<br>0.06<br>0.00    | 5.14<br>0.05<br>0.00    | 6.79<br>0.07<br>0.00    | 6.42<br>0.00<br>0.00    | 7.14<br>-0.02<br>0.00   | 5.12<br>-0.05<br>0.00   | 5.09<br>-0.09<br>0.00   | 5.04<br>-0.06<br>0.00   | 5.03<br>-0.07<br>0.00   | 5.01<br>-0.10<br>0.00   | 5.01<br>-0.11<br>0.00   | 7.34<br>-0.18<br>0.00   | 6.90<br>-0.12<br>0.00   | 11.41<br>-0.09<br>0.00  | 11.55<br>-0.10<br>0.00  | 10.20<br>-0.13<br>0.00  | 10.19<br>-0.17<br>0.00  | 8.57<br>-0.17<br>0.00   |
| PLEASANTVLY__LBMP<br>24000                | 21.66<br>0.31<br>-16.26 | 19.13<br>0.29<br>-13.75 | 17.48<br>0.30<br>-12.10 | 16.40<br>0.28<br>-11.03 | 17.03<br>0.25<br>-12.21 | 16.71<br>0.25<br>-11.90 | 17.81<br>0.32<br>-12.40 | 17.57<br>0.33<br>-12.15 | 16.94<br>0.47<br>-9.74  | 15.26<br>0.47<br>-8.37  | 15.59<br>0.52<br>-7.91  | 15.57<br>0.38<br>-10.02 | 15.77<br>0.39<br>-10.21 | 15.54<br>0.37<br>-10.07 | 14.28<br>0.39<br>-8.79  | 16.91<br>0.38<br>-11.42 | 20.45<br>0.40<br>-14.94 | 25.83<br>0.59<br>-17.72 | 29.51<br>0.53<br>-21.96 | 31.61<br>0.84<br>-19.27 | 32.46<br>0.84<br>-19.97 | 25.33<br>0.74<br>-14.26 | 21.93<br>0.75<br>-10.83 | 19.05<br>0.61<br>-9.70  |
| PLSNTVLE_13_KV_13.8KVDIST<br>80602        | 21.07<br>0.36<br>-15.61 | 18.64<br>0.35<br>-13.21 | 17.05<br>0.34<br>-11.62 | 16.01<br>0.33<br>-10.60 | 16.58<br>0.29<br>-11.72 | 16.28<br>0.28<br>-11.43 | 17.38<br>0.37<br>-11.92 | 17.15<br>0.38<br>-11.68 | 16.64<br>0.54<br>-9.37  | 15.01<br>0.54<br>-8.04  | 15.37<br>0.61<br>-7.61  | 15.24<br>0.44<br>-9.63  | 15.44<br>0.45<br>-9.81  | 15.21<br>0.44<br>-9.68  | 13.99<br>0.44<br>-8.45  | 16.53<br>0.44<br>-10.98 | 19.94<br>0.47<br>-14.35 | 25.24<br>0.69<br>-17.03 | 28.75<br>0.62<br>-21.11 | 31.01<br>1.00<br>-18.51 | 31.83<br>0.99<br>-19.18 | 24.90<br>0.87<br>-13.70 | 21.63<br>0.87<br>-10.41 | 18.77<br>0.71<br>-9.32  |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I<br>345020 | 21.07<br>0.36<br>-15.61 | 18.64<br>0.35<br>-13.21 | 17.05<br>0.34<br>-11.62 | 16.01<br>0.33<br>-10.60 | 16.58<br>0.29<br>-11.72 | 16.28<br>0.28<br>-11.43 | 17.38<br>0.37<br>-11.92 | 17.15<br>0.38<br>-11.68 | 16.64<br>0.54<br>-9.37  | 15.01<br>0.54<br>-8.04  | 15.37<br>0.61<br>-7.61  | 15.24<br>0.44<br>-9.63  | 15.44<br>0.45<br>-9.81  | 15.21<br>0.44<br>-9.68  | 13.99<br>0.44<br>-8.45  | 16.53<br>0.44<br>-10.98 | 19.94<br>0.47<br>-14.35 | 25.24<br>0.69<br>-17.03 | 28.75<br>0.62<br>-21.11 | 31.01<br>1.00<br>-18.51 | 31.83<br>0.99<br>-19.18 | 24.90<br>0.87<br>-13.70 | 21.63<br>0.87<br>-10.41 | 18.77<br>0.71<br>-9.32  |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G<br>345023 | 21.24<br>0.34<br>-15.81 | 18.77<br>0.32<br>-13.37 | 17.16<br>0.32<br>-11.76 | 16.11<br>0.30<br>-10.73 | 16.71<br>0.27<br>-11.87 | 16.40<br>0.26<br>-11.57 | 17.49<br>0.35<br>-12.05 | 17.25<br>0.36<br>-11.81 | 16.69<br>0.50<br>-9.47  | 15.04<br>0.49<br>-8.13  | 15.39<br>0.54<br>-7.69  | 15.31<br>0.40<br>-9.74  | 15.50<br>0.40<br>-9.92  | 15.26<br>0.38<br>-9.78  | 14.04<br>0.40<br>-8.54  | 16.61<br>0.40<br>-11.10 | 20.06<br>0.43<br>-14.51 | 25.37<br>0.63<br>-17.22 | 28.67<br>0.58<br>-21.07 | 30.76<br>0.92<br>-18.34 | 31.47<br>0.91<br>-18.90 | 25.01<br>0.83<br>-13.85 | 21.68<br>0.81<br>-10.52 | 18.83<br>0.66<br>-9.42  |
| POLETTI____<br>23519                         | 20.98<br>0.38<br>-15.50 | 18.57<br>0.37<br>-13.12 | 16.98<br>0.36<br>-11.54 | 15.96<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.31<br>0.39<br>-11.84 | 17.10<br>0.42<br>-11.60 | 16.63<br>0.60<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.22<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.20<br>0.48<br>-9.62  | 14.00<br>0.49<br>-8.41  | 16.51<br>0.49<br>-10.92 | 19.90<br>0.52<br>-14.27 | 25.21<br>0.76<br>-16.93 | 28.66<br>0.68<br>-20.96 | 30.95<br>1.07<br>-18.38 | 31.79<br>1.08<br>-19.05 | 24.88<br>0.94<br>-13.61 | 21.62<br>0.93<br>-10.34 | 18.78<br>0.79<br>-9.25  |
| PORT_JEFF_3<br>23555                         | 26.84<br>0.56<br>-21.19 | 24.13<br>0.53<br>-18.52 | 24.35<br>0.53<br>-18.73 | 20.79<br>0.51<br>-15.20 | 20.96<br>0.46<br>-15.93 | 21.02<br>0.46<br>-16.00 | 22.67<br>0.56<br>-17.02 | 18.52<br>0.55<br>-12.88 | 20.05<br>0.83<br>-12.49 | 17.50<br>0.78<br>-10.30 | 18.25<br>0.83<br>-10.26 | 18.23<br>0.60<br>-12.46 | 18.54<br>0.61<br>-12.76 | 18.78<br>0.60<br>-13.08 | 18.86<br>0.61<br>-13.15 | 21.19<br>0.61<br>-15.48 | 25.38<br>0.64<br>-19.62 | 28.32<br>0.98<br>-19.82 | 29.28<br>0.89<br>-21.37 | 31.29<br>1.40<br>-18.39 | 34.44<br>1.37<br>-21.41 | 30.00<br>1.21<br>-18.46 | 26.20<br>1.33<br>-14.52 | 20.84<br>1.02<br>-11.07 |
| PORT_JEFF_4<br>23616                         | 26.84<br>0.56<br>-21.19 | 24.13<br>0.53<br>-18.52 | 24.35<br>0.53<br>-18.73 | 20.79<br>0.51<br>-15.20 | 20.96<br>0.46<br>-15.93 | 21.02<br>0.46<br>-16.00 | 22.67<br>0.56<br>-17.02 | 18.52<br>0.55<br>-12.88 | 20.05<br>0.83<br>-12.49 | 17.50<br>0.78<br>-10.30 | 18.25<br>0.83<br>-10.26 | 18.23<br>0.60<br>-12.46 | 18.54<br>0.61<br>-12.76 | 18.78<br>0.60<br>-13.08 | 18.86<br>0.61<br>-13.15 | 21.19<br>0.61<br>-15.48 | 25.38<br>0.64<br>-19.62 | 28.32<br>0.98<br>-19.82 | 29.28<br>0.89<br>-21.37 | 31.29<br>1.40<br>-18.39 | 34.44<br>1.37<br>-21.41 | 30.00<br>1.21<br>-18.46 | 26.20<br>1.33<br>-14.52 | 20.84<br>1.02<br>-11.07 |
| PORT_JEFF_IC<br>23713                        | 26.85<br>0.57<br>-21.19 | 24.14<br>0.54<br>-18.52 | 24.36<br>0.54<br>-18.73 | 20.79<br>0.51<br>-15.20 | 20.97<br>0.46<br>-15.93 | 21.03<br>0.46<br>-16.00 | 22.68<br>0.57<br>-17.02 | 18.53<br>0.56<br>-12.88 | 20.05<br>0.84<br>-12.49 | 17.52<br>0.79<br>-10.30 | 18.26<br>0.84<br>-10.26 | 18.23<br>0.60<br>-12.46 | 18.55<br>0.62<br>-12.76 | 18.79<br>0.61<br>-13.08 | 18.87<br>0.62<br>-13.15 | 21.20<br>0.62<br>-15.48 | 25.39<br>0.65<br>-19.62 | 28.34<br>1.00<br>-19.82 | 29.30<br>0.91<br>-21.37 | 31.32<br>1.43<br>-18.39 | 34.46<br>1.40<br>-21.41 | 30.03<br>1.24<br>-18.46 | 26.22<br>1.35<br>-14.53 | 20.85<br>1.04<br>-11.07 |
| PPL PILGRIM_ST_GT1<br>24216                  | 26.82<br>0.53<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.78<br>0.50<br>-15.20 | 20.95<br>0.44<br>-15.93 | 21.01<br>0.44<br>-16.00 | 22.65<br>0.55<br>-17.02 | 18.52<br>0.55<br>-12.88 | 20.02<br>0.81<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.23<br>0.82<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.75<br>0.58<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.16<br>0.58<br>-15.48 | 25.35<br>0.61<br>-19.62 | 28.29<br>0.92<br>-19.85 | 29.26<br>0.83<br>-21.40 | 31.24<br>1.32<br>-18.42 | 34.41<br>1.32<br>-21.44 | 29.97<br>1.15<br>-18.49 | 26.11<br>1.24<br>-14.52 | 20.81<br>1.00<br>-11.07 |
| PPL PILGRIM_ST_GT2<br>24217                  | 26.82<br>0.53<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.78<br>0.50<br>-15.20 | 20.95<br>0.44<br>-15.93 | 21.01<br>0.44<br>-16.00 | 22.65<br>0.55<br>-17.02 | 18.52<br>0.55<br>-12.88 | 20.02<br>0.81<br>-12.49 | 17.49<br>0.76<br>-10.30 | 18.23<br>0.82<br>-10.26 | 18.21<br>0.58<br>-12.46 | 18.53<br>0.59<br>-12.76 | 18.75<br>0.58<br>-13.08 | 18.84<br>0.59<br>-13.15 | 21.16<br>0.58<br>-15.48 | 25.35<br>0.61<br>-19.62 | 28.29<br>0.92<br>-19.85 | 29.26<br>0.83<br>-21.40 | 31.24<br>1.32<br>-18.42 | 34.41<br>1.32<br>-21.44 | 29.97<br>1.15<br>-18.49 | 26.11<br>1.24<br>-14.52 | 20.81<br>1.00<br>-11.07 |
| PPL_SHRM_GT3<br>24213                        | 26.83<br>0.55<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.76<br>0.49<br>-15.20 | 20.95<br>0.45<br>-15.93 | 21.02<br>0.46<br>-16.00 | 22.65<br>0.55<br>-17.02 | 18.50<br>0.53<br>-12.88 | 20.01<br>0.79<br>-12.49 | 17.46<br>0.73<br>-10.30 | 18.19<br>0.77<br>-10.26 | 18.18<br>0.55<br>-12.46 | 18.50<br>0.56<br>-12.76 | 18.76<br>0.58<br>-13.08 | 18.82<br>0.58<br>-13.15 | 21.17<br>0.59<br>-15.48 | 25.35<br>0.61<br>-19.62 | 28.32<br>0.98<br>-19.82 | 29.28<br>0.88<br>-21.37 | 31.27<br>1.38<br>-18.39 | 34.37<br>1.31<br>-21.41 | 29.95<br>1.16<br>-18.46 | 26.19<br>1.31<br>-14.52 | 20.83<br>1.01<br>-11.07 |
| PPL_SHRM_GT4<br>24214                        | 26.83<br>0.55<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.76<br>0.49<br>-15.20 | 20.95<br>0.45<br>-15.93 | 21.02<br>0.46<br>-16.00 | 22.65<br>0.55<br>-17.02 | 18.50<br>0.53<br>-12.88 | 20.01<br>0.79<br>-12.49 | 17.46<br>0.73<br>-10.30 | 18.19<br>0.77<br>-10.26 | 18.18<br>0.55<br>-12.46 | 18.50<br>0.56<br>-12.76 | 18.76<br>0.58<br>-13.08 | 18.82<br>0.58<br>-13.15 | 21.17<br>0.59<br>-15.48 | 25.35<br>0.61<br>-19.62 | 28.32<br>0.98<br>-19.82 | 29.28<br>0.88<br>-21.37 | 31.27<br>1.38<br>-18.39 | 34.37<br>1.31<br>-21.41 | 29.95<br>1.16<br>-18.46 | 26.19<br>1.31<br>-14.52 | 20.83<br>1.01<br>-11.07 |
| PROJECT____ORANGE 1<br>24174                 | 6.51<br>-0.04<br>-1.45  | 6.25<br>-0.06<br>-1.23  | 6.12<br>-0.05<br>-1.08  | 6.03<br>-0.04<br>-0.99  | 5.63<br>-0.04<br>-1.09  | 5.59<br>-0.04<br>-1.06  | 6.18<br>-0.05<br>-1.14  | 6.17<br>-0.04<br>-1.12  | 7.56<br>-0.06<br>-0.90  | 7.15<br>-0.04<br>-0.77  | 7.84<br>-0.04<br>-0.73  | 6.07<br>-0.03<br>-0.92  | 6.09<br>-0.03<br>-0.94  | 5.98<br>-0.04<br>-0.93  | 5.87<br>-0.04<br>-0.81  | 6.12<br>-0.03<br>-1.05  | 6.46<br>-0.03<br>-1.37  | 9.13<br>-0.02<br>-1.63  | 8.99<br>-0.04<br>-2.01  | 13.18<br>-0.07<br>-1.75 | 13.39<br>-0.07<br>-1.81 | 11.58<br>-0.06<br>-1.31 | 11.30<br>-0.05<br>-1.00 | 9.61<br>-0.03<br>-0.89  |
| PROJECT____ORANGE 2<br>24166                 | 6.51<br>-0.04<br>-1.45  | 6.25<br>-0.06<br>-1.23  | 6.12<br>-0.05<br>-1.08  | 6.03<br>-0.04<br>-0.99  | 5.63<br>-0.04<br>-1.09  | 5.59<br>-0.04<br>-1.06  | 6.18<br>-0.05<br>-1.14  | 6.17<br>-0.04<br>-1.12  | 7.56<br>-0.06<br>-0.90  | 7.15<br>-0.04<br>-0.77  | 7.84<br>-0.04<br>-0.73  | 6.07<br>-0.03<br>-0.92  | 6.09<br>-0.03<br>-0.94  | 5.98<br>-0.04<br>-0.93  | 5.87<br>-0.04<br>-0.81  | 6.12<br>-0.03<br>-1.05  | 6.46<br>-0.03<br>-1.37  | 9.13<br>-0.02<br>-1.63  | 8.99<br>-0.04<br>-2.01  | 13.18<br>-0.07<br>-1.75 | 13.39<br>-0.07<br>-1.81 | 11.58<br>-0.06<br>-1.31 | 11.30<br>-0.05<br>-1.00 | 9.61<br>-0.03<br>-0.89  |
| PUCKETT____SOLAR<br>323809                   | 9.70<br>0.15<br>-4.46   | 8.98<br>0.13<br>-3.77   | 8.54<br>0.14<br>-3.32   | 8.26<br>0.15<br>-3.02   | 8.05<br>0.13<br>-3.35   | 7.96<br>0.13<br>-3.26   | 8.72<br>0.13<br>-3.50   | 8.67<br>0.15<br>-3.43   | 9.63<br>0.15<br>-2.75   | 8.93<br>0.14<br>-2.36   | 9.52<br>0.13<br>-2.23   | 8.09<br>0.09<br>-2.83   | 8.15<br>0.10<br>-2.88   | 8.00<br>0.07<br>-2.84   | 7.64<br>0.07<br>-2.48   | 8.40<br>0.08<br>-3.22   | 9.43<br>0.11<br>-4.21   | 12.72<br>0.20<br>-5.00  | 13.38<br>0.21<br>-6.15  | 17.24<br>0.37<br>-5.37  | 17.59<br>0.38<br>-5.55  | 14.69<br>0.34<br>-4.02  | 13.75<br>0.34<br>-3.05  | 11.78<br>0.31<br>-2.74  |
| PYRITES____HYD<br>24023                      | 4.87<br>-0.22<br>0.00   | 4.88<br>-0.20<br>0.00   | 4.93<br>-0.15<br>0.00   | 4.93<br>-0.15<br>0.00   | 4.45<br>-0.12<br>0.00   | 4.45<br>-0.12<br>0.00   | 4.91<br>-0.17<br>0.00   | 4.94<br>-0.15<br>0.00   | 6.49<br>-0.24<br>0.00   | 6.17<br>-0.26<br>0.00   | 6.85<br>-0.31<br>0.00   | 4.94<br>-0.23<br>0.00   | 4.93<br>-0.24<br>0.00   | 4.87<br>-0.22<br>0.00   | 4.86<br>-0.24<br>0.00   | 4.85<br>-0.25<br>0.00   | 4.87<br>-0.25<br>0.00   | 7.14<br>-0.38<br>0.00   | 6.71<br>-0.31<br>0.00   | 11.11<br>-0.39<br>0.00  | 11.27<br>-0.38<br>0.00  | 9.96<br>-0.37<br>0.00   | 9.94<br>-0.41<br>0.00   | 8.42<br>-0.32<br>0.00   |
| QUAKERRD_115KV_BK1<br>80622                  | 6.81<br>-0.11<br>-1.82  | 6.48<br>-0.14<br>-1.54  | 6.33<br>-0.12<br>-1.36  | 6.22<br>-0.10<br>-1.24  | 5.85<br>-0.09<br>-1.37  | 5.82<br>-0.09<br>-1.33  | 6.42<br>-0.10<br>-1.43  | 6.42<br>-0.07<br>-1.40  | 7.73<br>-0.12<br>-1.12  | 7.30<br>-0.09<br>-0.97  | 7.99<br>-0.09<br>-0.91  | 6.28<br>-0.05<br>-1.16  | 6.30<br>-0.05<br>-1.18  | 6.19<br>-0.07<br>-1.16  | 6.05<br>-0.07<br>-1.02  | 6.37<br>-0.05<br>-1.32  | 6.78<br>-0.06<br>-1.72  | 9.49<br>-0.08<br>-2.05  | 9.44<br>-0.10<br>-2.52  | 13.46<br>-0.24<br>-2.20 | 13.68<br>-0.24<br>-2.27 | 11.76<br>-0.22<br>-1.65 | 11.41<br>-0.20<br>-1.25 | 9.72<br>-0.14<br>-1.12  |

|                              |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| QUENSBRY_115KV_TB8<br>356137 | 25.45<br>0.11<br>-20.24 | 22.31<br>0.10<br>-17.13 | 20.25<br>0.10<br>-15.06 | 18.89<br>0.07<br>-13.74 | 19.86<br>0.09<br>-15.20 | 19.48<br>0.09<br>-14.82 | 21.05<br>0.13<br>-15.83 | 20.69<br>0.09<br>-15.51 | 19.53<br>0.36<br>-12.44 | 17.44<br>0.33<br>-10.68 | 17.61<br>0.36<br>-10.10 | 18.24<br>0.27<br>-12.79 | 18.47<br>0.26<br>-13.03 | 18.20<br>0.25<br>-12.85 | 16.53<br>0.21<br>-11.22 | 19.90<br>0.22<br>-14.58 | 24.29<br>0.12<br>-19.06 | 30.35<br>0.21<br>-22.62 | 34.78<br>0.22<br>-27.55 | 35.79<br>0.38<br>-23.91 | 36.68<br>0.42<br>-24.60 | 28.90<br>0.37<br>-18.20 | 24.53<br>0.36<br>-13.82 | 21.31<br>0.19<br>-12.38 |
| RAMAPO____LBMP<br>323565     | 20.30<br>0.35<br>-14.86 | 17.99<br>0.33<br>-12.57 | 16.47<br>0.32<br>-11.06 | 15.49<br>0.32<br>-10.09 | 16.01<br>0.27<br>-11.16 | 15.72<br>0.27<br>-10.88 | 16.79<br>0.35<br>-11.36 | 16.58<br>0.36<br>-11.13 | 16.17<br>0.52<br>-8.92  | 14.60<br>0.51<br>-7.66  | 14.98<br>0.58<br>-7.25  | 14.77<br>0.42<br>-9.18  | 14.96<br>0.43<br>-9.35  | 14.73<br>0.41<br>-9.22  | 13.58<br>0.43<br>-8.05  | 15.99<br>0.43<br>-10.46 | 19.25<br>0.46<br>-13.68 | 24.41<br>0.66<br>-16.23 | 27.73<br>0.60<br>-20.10 | 30.09<br>0.95<br>-17.63 | 30.88<br>0.96<br>-18.27 | 24.22<br>0.84<br>-13.06 | 21.10<br>0.83<br>-9.92  | 18.30<br>0.68<br>-8.88  |
| RANKINE____<br>23646         | 7.56<br>0.03<br>-2.44   | 7.11<br>-0.04<br>-2.06  | 6.91<br>0.01<br>-1.82   | 6.78<br>0.04<br>-1.66   | 6.43<br>0.02<br>-1.83   | 6.38<br>0.03<br>-1.79   | 7.03<br>0.02<br>-1.92   | 7.00<br>0.03<br>-1.88   | 8.22<br>-0.01<br>-1.50  | 7.75<br>0.03<br>-1.29   | 8.42<br>0.04<br>-1.22   | 6.79<br>0.07<br>-1.55   | 6.82<br>0.07<br>-1.58   | 6.70<br>0.05<br>-1.55   | 6.50<br>0.05<br>-1.36   | 6.94<br>0.07<br>-1.76   | 7.48<br>0.06<br>-2.31   | 10.35<br>0.09<br>-2.74  | 10.45<br>0.06<br>-3.37  | 14.35<br>-0.09<br>-2.94 | 14.54<br>-0.15<br>-3.04 | 12.48<br>-0.05<br>-2.21 | 12.08<br>0.05<br>-1.68  | 10.35<br>0.10<br>-1.50  |
| RAVENSWOOD_GT2_1<br>24244    | 20.99<br>0.39<br>-15.50 | 18.57<br>0.38<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.96<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.28 | 25.22<br>0.77<br>-16.94 | 28.67<br>0.69<br>-20.96 | 30.98<br>1.09<br>-18.38 | 31.81<br>1.11<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.64<br>0.95<br>-10.34 | 18.78<br>0.79<br>-9.26  |
| RAVENSWOOD_GT2_2<br>24245    | 20.99<br>0.39<br>-15.50 | 18.57<br>0.38<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.96<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.28 | 25.22<br>0.77<br>-16.94 | 28.67<br>0.69<br>-20.96 | 30.98<br>1.09<br>-18.38 | 31.81<br>1.11<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.64<br>0.95<br>-10.34 | 18.78<br>0.79<br>-9.26  |
| RAVENSWOOD_GT2_3<br>24246    | 20.99<br>0.39<br>-15.50 | 18.57<br>0.38<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.97<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.44<br>0.51<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.01<br>0.50<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.92<br>0.53<br>-14.28 | 25.23<br>0.77<br>-16.94 | 28.67<br>0.70<br>-20.96 | 30.98<br>1.09<br>-18.38 | 31.81<br>1.11<br>-19.05 | 24.90<br>0.96<br>-13.61 | 21.64<br>0.95<br>-10.34 | 18.79<br>0.80<br>-9.26  |
| RAVENSWOOD_GT2_4<br>24247    | 20.99<br>0.39<br>-15.50 | 18.57<br>0.38<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.97<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.44<br>0.51<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.01<br>0.50<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.92<br>0.53<br>-14.28 | 25.23<br>0.77<br>-16.94 | 28.67<br>0.70<br>-20.96 | 30.98<br>1.09<br>-18.38 | 31.81<br>1.11<br>-19.05 | 24.90<br>0.96<br>-13.61 | 21.64<br>0.95<br>-10.34 | 18.79<br>0.80<br>-9.26  |
| RAVENSWOOD_GT3_1<br>24248    | 20.98<br>0.39<br>-15.50 | 18.57<br>0.37<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.97<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.28 | 25.22<br>0.77<br>-16.94 | 28.67<br>0.69<br>-20.96 | 30.98<br>1.09<br>-18.38 | 31.81<br>1.11<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.64<br>0.95<br>-10.34 | 18.79<br>0.80<br>-9.26  |
| RAVENSWOOD_GT3_2<br>24249    | 20.98<br>0.39<br>-15.50 | 18.57<br>0.37<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.97<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.28 | 25.22<br>0.77<br>-16.94 | 28.67<br>0.69<br>-20.96 | 30.98<br>1.09<br>-18.38 | 31.81<br>1.11<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.64<br>0.95<br>-10.34 | 18.79<br>0.80<br>-9.26  |
| RAVENSWOOD_GT3_3<br>24250    | 21.00<br>0.40<br>-15.50 | 18.58<br>0.38<br>-13.12 | 17.00<br>0.38<br>-11.54 | 15.97<br>0.37<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.23<br>0.50<br>-9.57  | 15.44<br>0.51<br>-9.76  | 15.21<br>0.49<br>-9.63  | 14.01<br>0.50<br>-8.41  | 16.52<br>0.50<br>-10.92 | 19.92<br>0.53<br>-14.28 | 25.24<br>0.78<br>-16.94 | 28.68<br>0.70<br>-20.96 | 30.99<br>1.10<br>-18.38 | 31.82<br>1.12<br>-19.05 | 24.91<br>0.97<br>-13.61 | 21.65<br>0.96<br>-10.34 | 18.80<br>0.80<br>-9.26  |
| RAVENSWOOD_GT3_4<br>24251    | 21.00<br>0.40<br>-15.50 | 18.58<br>0.38<br>-13.12 | 17.00<br>0.38<br>-11.54 | 15.97<br>0.37<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.23<br>0.50<br>-9.57  | 15.44<br>0.51<br>-9.76  | 15.21<br>0.49<br>-9.63  | 14.01<br>0.50<br>-8.41  | 16.52<br>0.50<br>-10.92 | 19.92<br>0.53<br>-14.28 | 25.24<br>0.78<br>-16.94 | 28.68<br>0.70<br>-20.96 | 30.99<br>1.10<br>-18.38 | 31.82<br>1.12<br>-19.05 | 24.91<br>0.97<br>-13.61 | 21.65<br>0.96<br>-10.34 | 18.80<br>0.80<br>-9.26  |
| RAVENSWOOD_GT_1<br>23729     | 21.02<br>0.42<br>-15.51 | 18.61<br>0.40<br>-13.13 | 17.03<br>0.40<br>-11.55 | 16.00<br>0.39<br>-10.53 | 16.55<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.12<br>0.43<br>-11.60 | 16.65<br>0.62<br>-9.30  | 15.03<br>0.62<br>-7.99  | 15.41<br>0.70<br>-7.55  | 15.24<br>0.51<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.52<br>-8.41  | 16.54<br>0.52<br>-10.92 | 19.94<br>0.55<br>-14.28 | 25.27<br>0.81<br>-16.94 | 28.71<br>0.73<br>-20.96 | 31.03<br>1.15<br>-18.38 | 31.86<br>1.15<br>-19.05 | 24.93<br>0.99<br>-13.61 | 21.68<br>0.99<br>-10.34 | 18.85<br>0.84<br>-9.26  |
| RAVENSWOOD_GT_10<br>24258    | 20.98<br>0.39<br>-15.50 | 18.57<br>0.37<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.96<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.22<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.28 | 25.22<br>0.77<br>-16.93 | 28.67<br>0.69<br>-20.96 | 30.98<br>1.09<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.63<br>0.94<br>-10.34 | 18.78<br>0.79<br>-9.25  |
| RAVENSWOOD_GT_11<br>24259    | 20.98<br>0.39<br>-15.50 | 18.57<br>0.37<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.96<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.22<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.28 | 25.22<br>0.77<br>-16.93 | 28.67<br>0.69<br>-20.96 | 30.98<br>1.09<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.63<br>0.94<br>-10.34 | 18.78<br>0.79<br>-9.25  |
| RAVENSWOOD_GT_4<br>24252     | 20.98<br>0.39<br>-15.50 | 18.56<br>0.37<br>-13.11 | 16.98<br>0.37<br>-11.53 | 15.96<br>0.36<br>-10.52 | 16.52<br>0.31<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.22<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.51<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.28 | 25.21<br>0.76<br>-16.93 | 28.67<br>0.69<br>-20.96 | 30.96<br>1.08<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.63<br>0.94<br>-10.34 | 18.78<br>0.79<br>-9.25  |



|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD_GT_5<br>24254                | 20.98<br>0.39<br>-15.50 | 18.56<br>0.37<br>-13.11 | 16.98<br>0.37<br>-11.53 | 15.96<br>0.36<br>-10.52 | 16.52<br>0.31<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.22<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.51<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.28 | 25.21<br>0.76<br>-16.93 | 28.67<br>0.69<br>-20.96 | 30.96<br>1.08<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.63<br>0.94<br>-10.34 | 18.78<br>0.79<br>-9.25  |
| RAVENSWOOD_GT_6<br>24253                | 20.98<br>0.39<br>-15.50 | 18.56<br>0.37<br>-13.11 | 16.98<br>0.37<br>-11.53 | 15.96<br>0.36<br>-10.52 | 16.52<br>0.31<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.22<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.51<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.28 | 25.21<br>0.76<br>-16.93 | 28.67<br>0.69<br>-20.96 | 30.96<br>1.08<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.63<br>0.94<br>-10.34 | 18.78<br>0.79<br>-9.25  |
| RAVENSWOOD_GT_7<br>24255                | 20.98<br>0.39<br>-15.50 | 18.56<br>0.37<br>-13.11 | 16.98<br>0.37<br>-11.53 | 15.96<br>0.36<br>-10.52 | 16.52<br>0.31<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.22<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.51<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.28 | 25.21<br>0.76<br>-16.93 | 28.67<br>0.69<br>-20.96 | 30.96<br>1.08<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.63<br>0.94<br>-10.34 | 18.78<br>0.79<br>-9.25  |
| RAVENSWOOD_GT_8 TEMP GRP(8-11)<br>24256 | 20.98<br>0.39<br>-15.50 | 18.57<br>0.37<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.96<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.22<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.28 | 25.22<br>0.77<br>-16.93 | 28.67<br>0.69<br>-20.96 | 30.98<br>1.09<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.63<br>0.94<br>-10.34 | 18.78<br>0.79<br>-9.25  |
| RAVENSWOOD_GT_9<br>24257                | 20.98<br>0.39<br>-15.50 | 18.57<br>0.37<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.96<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.22<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.91<br>0.52<br>-14.28 | 25.22<br>0.77<br>-16.93 | 28.67<br>0.69<br>-20.96 | 30.98<br>1.09<br>-18.38 | 31.80<br>1.10<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.63<br>0.94<br>-10.34 | 18.78<br>0.79<br>-9.25  |
| RAVENSWOOD___1<br>23533                 | 21.02<br>0.41<br>-15.51 | 18.60<br>0.40<br>-13.12 | 17.02<br>0.39<br>-11.54 | 15.99<br>0.38<br>-10.53 | 16.55<br>0.34<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.24<br>0.50<br>-9.57  | 15.45<br>0.52<br>-9.76  | 15.22<br>0.50<br>-9.63  | 14.02<br>0.51<br>-8.41  | 16.53<br>0.51<br>-10.92 | 19.93<br>0.54<br>-14.28 | 25.26<br>0.81<br>-16.94 | 28.69<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.92<br>0.98<br>-13.61 | 21.67<br>0.98<br>-10.34 | 18.84<br>0.83<br>-9.26  |
| RAVENSWOOD___2<br>23534                 | 21.02<br>0.41<br>-15.51 | 18.60<br>0.40<br>-13.12 | 17.02<br>0.39<br>-11.54 | 15.99<br>0.38<br>-10.53 | 16.55<br>0.33<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.23<br>0.50<br>-9.57  | 15.45<br>0.51<br>-9.76  | 15.22<br>0.49<br>-9.63  | 14.02<br>0.51<br>-8.41  | 16.53<br>0.51<br>-10.92 | 19.93<br>0.54<br>-14.28 | 25.26<br>0.80<br>-16.94 | 28.69<br>0.72<br>-20.96 | 31.02<br>1.14<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.92<br>0.98<br>-13.61 | 21.67<br>0.98<br>-10.34 | 18.84<br>0.83<br>-9.26  |
| RAVENSWOOD___3<br>23535                 | 20.99<br>0.39<br>-15.50 | 18.57<br>0.38<br>-13.12 | 16.99<br>0.37<br>-11.54 | 15.97<br>0.36<br>-10.52 | 16.53<br>0.32<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.23<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.21<br>0.48<br>-9.63  | 14.01<br>0.50<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.92<br>0.53<br>-14.28 | 25.22<br>0.77<br>-16.94 | 28.67<br>0.70<br>-20.96 | 30.98<br>1.09<br>-18.38 | 31.81<br>1.11<br>-19.05 | 24.89<br>0.95<br>-13.61 | 21.64<br>0.95<br>-10.34 | 18.79<br>0.80<br>-9.26  |
| RAVENSWOOD___4<br>23820                 | 21.01<br>0.41<br>-15.51 | 18.60<br>0.39<br>-13.12 | 17.02<br>0.39<br>-11.54 | 15.99<br>0.38<br>-10.53 | 16.55<br>0.33<br>-11.64 | 16.23<br>0.31<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.23<br>0.50<br>-9.57  | 15.45<br>0.51<br>-9.76  | 15.22<br>0.49<br>-9.63  | 14.02<br>0.51<br>-8.41  | 16.53<br>0.51<br>-10.92 | 19.93<br>0.54<br>-14.28 | 25.26<br>0.80<br>-16.94 | 28.69<br>0.72<br>-20.96 | 31.01<br>1.13<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.92<br>0.98<br>-13.61 | 21.66<br>0.97<br>-10.34 | 18.82<br>0.82<br>-9.26  |
| RCPL_TRUST___DRP<br>24196               | 21.00<br>0.40<br>-15.50 | 18.58<br>0.39<br>-13.11 | 17.00<br>0.38<br>-11.54 | 15.97<br>0.37<br>-10.52 | 16.54<br>0.32<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.11<br>0.43<br>-11.59 | 16.65<br>0.62<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.24<br>0.50<br>-9.57  | 15.44<br>0.51<br>-9.75  | 15.21<br>0.49<br>-9.62  | 14.01<br>0.51<br>-8.40  | 16.52<br>0.51<br>-10.91 | 19.91<br>0.53<br>-14.27 | 25.23<br>0.78<br>-16.93 | 28.68<br>0.70<br>-20.96 | 31.00<br>1.12<br>-18.38 | 31.83<br>1.13<br>-19.05 | 24.91<br>0.97<br>-13.61 | 21.65<br>0.96<br>-10.33 | 18.80<br>0.80<br>-9.25  |
| RED___ROCHESTER<br>323720               | 7.04<br>0.08<br>-1.87   | 6.71<br>0.04<br>-1.58   | 6.55<br>0.07<br>-1.39   | 6.43<br>0.08<br>-1.27   | 6.05<br>0.07<br>-1.41   | 6.00<br>0.06<br>-1.37   | 6.62<br>0.06<br>-1.47   | 6.61<br>0.08<br>-1.44   | 7.92<br>0.03<br>-1.16   | 7.50<br>0.08<br>-0.99   | 8.20<br>0.11<br>-0.94   | 6.45<br>0.09<br>-1.19   | 6.48<br>0.09<br>-1.21   | 6.37<br>0.08<br>-1.20   | 6.21<br>0.07<br>-1.04   | 6.54<br>0.08<br>-1.36   | 6.97<br>0.08<br>-1.77   | 9.75<br>0.13<br>-2.10   | 9.70<br>0.09<br>-2.59   | 13.80<br>0.05<br>-2.26  | 14.05<br>0.06<br>-2.33  | 12.11<br>0.08<br>-1.69  | 11.78<br>0.14<br>-1.29  | 10.04<br>0.15<br>-1.15  |
| REGAN___SOLAR<br>323812                 | 28.48<br>0.46<br>-22.93 | 24.91<br>0.43<br>-19.40 | 22.57<br>0.42<br>-17.06 | 21.11<br>0.47<br>-15.56 | 22.25<br>0.46<br>-17.21 | 21.82<br>0.47<br>-16.78 | 23.57<br>0.44<br>-18.04 | 23.24<br>0.47<br>-17.67 | 21.49<br>0.58<br>-14.18 | 19.13<br>0.53<br>-12.17 | 19.22<br>0.55<br>-11.51 | 20.16<br>0.41<br>-14.58 | 20.43<br>0.40<br>-14.85 | 20.12<br>0.38<br>-14.65 | 18.23<br>0.34<br>-12.79 | 22.08<br>0.36<br>-16.62 | 27.25<br>0.41<br>-21.73 | 34.01<br>0.71<br>-25.78 | 39.25<br>0.71<br>-31.52 | 40.17<br>1.23<br>-27.44 | 41.20<br>1.27<br>-28.28 | 32.19<br>1.12<br>-20.74 | 27.18<br>1.08<br>-15.75 | 23.76<br>0.91<br>-14.11 |
| RENSSELAER___COGEN<br>23796             | 24.50<br>0.08<br>-19.33 | 21.52<br>0.09<br>-16.35 | 19.56<br>0.10<br>-14.38 | 18.34<br>0.14<br>-13.12 | 19.21<br>0.12<br>-14.51 | 18.84<br>0.12<br>-14.15 | 20.24<br>0.16<br>-14.99 | 19.94<br>0.17<br>-14.68 | 18.71<br>0.22<br>-11.77 | 16.73<br>0.20<br>-10.11 | 16.94<br>0.22<br>-9.56  | 17.44<br>0.16<br>-12.11 | 17.67<br>0.16<br>-12.34 | 17.42<br>0.16<br>-12.17 | 15.87<br>0.15<br>-10.62 | 19.06<br>0.15<br>-13.80 | 23.30<br>0.14<br>-18.04 | 29.12<br>0.19<br>-21.41 | 33.25<br>0.18<br>-26.05 | 34.39<br>0.29<br>-22.60 | 35.18<br>0.28<br>-23.25 | 27.82<br>0.27<br>-17.22 | 23.74<br>0.30<br>-13.08 | 20.69<br>0.24<br>-11.71 |
| REPUBLIC_115KV_BARTNBRK<br>55605        | 25.63<br>0.31<br>-20.23 | 22.48<br>0.29<br>-17.11 | 20.42<br>0.28<br>-15.05 | 19.08<br>0.27<br>-13.73 | 20.05<br>0.29<br>-15.19 | 19.68<br>0.30<br>-14.81 | 21.23<br>0.33<br>-15.81 | 20.88<br>0.31<br>-15.49 | 19.79<br>0.64<br>-12.42 | 17.66<br>0.57<br>-10.67 | 17.86<br>0.62<br>-10.09 | 18.42<br>0.48<br>-12.78 | 18.61<br>0.42<br>-13.02 | 18.34<br>0.41<br>-12.84 | 16.64<br>0.33<br>-11.21 | 20.02<br>0.35<br>-14.56 | 24.43<br>0.28<br>-19.04 | 30.59<br>0.48<br>-22.59 | 35.01<br>0.48<br>-27.51 | 36.21<br>0.83<br>-23.88 | 37.18<br>0.96<br>-24.57 | 29.35<br>0.85<br>-18.18 | 24.96<br>0.81<br>-13.80 | 21.66<br>0.56<br>-12.36 |
| REVERE_CPPR_DRP<br>24186                | 6.00<br>0.09<br>-0.81   | 5.84<br>0.08<br>-0.69   | 5.78<br>0.09<br>-0.60   | 5.74<br>0.11<br>-0.55   | 5.27<br>0.09<br>-0.61   | 5.24<br>0.08<br>-0.59   | 5.78<br>0.06<br>-0.64   | 5.81<br>0.09<br>-0.62   | 7.32<br>0.09<br>-0.50   | 6.94<br>0.08<br>-0.43   | 7.64<br>0.07<br>-0.41   | 5.73<br>0.05<br>-0.51   | 5.75<br>0.05<br>-0.52   | 5.63<br>0.02<br>-0.52   | 5.56<br>0.01<br>-0.45   | 5.72<br>0.03<br>-0.59   | 5.93<br>0.05<br>-0.77   | 8.52<br>0.09<br>-0.91   | 8.26<br>0.12<br>-1.12   | 12.74<br>0.26<br>-0.98  | 12.94<br>0.28<br>-1.01  | 11.28<br>0.22<br>-0.73  | 11.13<br>0.22<br>-0.56  | 9.46<br>0.22<br>-0.50   |

|                                   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| REYNOLDS_115KV_TB3<br>80639       | 24.58<br>0.13<br>-19.36 | 21.58<br>0.12<br>-16.38 | 19.63<br>0.13<br>-14.41 | 18.39<br>0.16<br>-13.14 | 19.25<br>0.14<br>-14.54 | 18.88<br>0.14<br>-14.17 | 20.19<br>0.20<br>-14.91 | 19.89<br>0.20<br>-14.60 | 18.71<br>0.27<br>-11.71 | 16.73<br>0.26<br>-10.05 | 16.95<br>0.29<br>-9.51  | 17.42<br>0.21<br>-12.04 | 17.65<br>0.21<br>-12.27 | 17.40<br>0.20<br>-12.10 | 15.87<br>0.20<br>-10.57 | 19.03<br>0.20<br>-13.73 | 23.26<br>0.20<br>-17.95 | 29.09<br>0.28<br>-21.30 | 33.13<br>0.26<br>-25.85 | 34.31<br>0.41<br>-22.40 | 35.07<br>0.41<br>-23.01 | 27.84<br>0.38<br>-17.13 | 23.79<br>0.42<br>-13.01 | 20.73<br>0.33<br>-11.65 |
| RIVERBAY____<br>323610            | 21.03<br>0.43<br>-15.51 | 18.63<br>0.42<br>-13.12 | 17.05<br>0.42<br>-11.54 | 16.05<br>0.44<br>-10.53 | 16.60<br>0.39<br>-11.64 | 16.27<br>0.35<br>-11.35 | 17.32<br>0.40<br>-11.84 | 17.13<br>0.44<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.01<br>0.60<br>-7.99  | 15.39<br>0.68<br>-7.55  | 15.22<br>0.49<br>-9.57  | 15.44<br>0.50<br>-9.76  | 15.20<br>0.48<br>-9.63  | 14.00<br>0.49<br>-8.41  | 16.52<br>0.49<br>-10.92 | 19.90<br>0.53<br>-14.26 | 25.22<br>0.78<br>-16.92 | 28.69<br>0.71<br>-20.96 | 31.01<br>1.13<br>-18.38 | 31.83<br>1.13<br>-19.05 | 24.90<br>0.96<br>-13.61 | 21.65<br>0.96<br>-10.34 | 18.89<br>0.88<br>-9.26  |
| RIVERSDE_115KV_TB3<br>55908       | 24.58<br>0.10<br>-19.38 | 21.57<br>0.10<br>-16.40 | 19.62<br>0.11<br>-14.42 | 18.39<br>0.15<br>-13.16 | 19.26<br>0.13<br>-14.55 | 18.89<br>0.13<br>-14.19 | 20.24<br>0.18<br>-14.97 | 19.94<br>0.19<br>-14.66 | 18.73<br>0.24<br>-11.76 | 16.75<br>0.23<br>-10.10 | 16.97<br>0.26<br>-9.55  | 17.46<br>0.19<br>-12.10 | 17.68<br>0.18<br>-12.32 | 17.43<br>0.18<br>-12.15 | 15.89<br>0.18<br>-10.61 | 19.07<br>0.18<br>-13.79 | 23.31<br>0.17<br>-18.03 | 29.14<br>0.23<br>-21.39 | 33.23<br>0.22<br>-25.99 | 34.38<br>0.34<br>-22.54 | 35.17<br>0.35<br>-23.17 | 27.86<br>0.32<br>-17.21 | 23.78<br>0.36<br>-13.07 | 20.73<br>0.28<br>-11.70 |
| ROARING____BROOK_WT_PWR<br>323790 | 4.93<br>-0.17<br>0.00   | 4.92<br>-0.16<br>0.00   | 4.93<br>-0.15<br>0.00   | 4.93<br>-0.15<br>0.00   | 4.45<br>-0.13<br>0.00   | 4.45<br>-0.12<br>0.00   | 4.95<br>-0.13<br>0.00   | 4.96<br>-0.13<br>0.00   | 6.56<br>-0.16<br>0.00   | 6.27<br>-0.15<br>0.00   | 6.99<br>-0.17<br>0.00   | 5.04<br>-0.13<br>0.00   | 5.03<br>-0.14<br>0.00   | 4.96<br>-0.14<br>0.00   | 4.95<br>-0.14<br>0.00   | 4.95<br>-0.15<br>0.00   | 4.95<br>-0.16<br>0.00   | 7.28<br>-0.24<br>0.00   | 6.82<br>-0.20<br>0.00   | 11.21<br>-0.29<br>0.00  | 11.37<br>-0.28<br>0.00  | 10.08<br>-0.25<br>0.00  | 10.09<br>-0.26<br>0.00  | 8.53<br>-0.21<br>0.00   |
| ROCHESRG_115KV_T4<br>355643       | 6.99<br>0.04<br>-1.86   | 6.65<br>-0.01<br>-1.57  | 6.49<br>0.02<br>-1.39   | 6.38<br>0.04<br>-1.26   | 6.00<br>0.03<br>-1.40   | 5.95<br>0.02<br>-1.36   | 6.57<br>0.02<br>-1.46   | 6.55<br>0.02<br>-1.43   | 7.86<br>-0.01<br>-1.15  | 7.43<br>0.02<br>-0.99   | 8.13<br>0.04<br>-0.93   | 6.39<br>0.04<br>-1.18   | 6.42<br>0.04<br>-1.20   | 6.31<br>0.03<br>-1.19   | 6.16<br>0.03<br>-1.04   | 6.50<br>0.05<br>-1.35   | 6.91<br>0.03<br>-1.76   | 9.67<br>0.06<br>-2.09   | 9.61<br>0.02<br>-2.57   | 13.68<br>-0.07<br>-2.25 | 13.89<br>-0.08<br>-2.32 | 11.98<br>-0.03<br>-1.68 | 11.66<br>0.03<br>-1.28  | 9.95<br>0.06<br>-1.14   |
| ROCHESTER_9_IC<br>23652           | 7.03<br>0.07<br>-1.87   | 6.68<br>0.02<br>-1.58   | 6.53<br>0.05<br>-1.39   | 6.41<br>0.06<br>-1.27   | 6.03<br>0.05<br>-1.41   | 5.99<br>0.05<br>-1.37   | 6.60<br>0.04<br>-1.47   | 6.58<br>0.05<br>-1.44   | 7.90<br>0.01<br>-1.16   | 7.47<br>0.05<br>-0.99   | 8.17<br>0.07<br>-0.94   | 6.43<br>0.07<br>-1.19   | 6.46<br>0.07<br>-1.21   | 6.34<br>0.05<br>-1.20   | 6.19<br>0.05<br>-1.04   | 6.53<br>0.07<br>-1.36   | 6.94<br>0.06<br>-1.77   | 9.71<br>0.09<br>-2.10   | 9.66<br>0.06<br>-2.59   | 13.75<br>-0.01<br>-2.26 | 13.98<br>-0.01<br>-2.33 | 12.04<br>0.02<br>-1.69  | 11.72<br>0.08<br>-1.29  | 10.01<br>0.11<br>-1.15  |
| ROCKVIEW_13_KV_LD<br>356306       | 20.98<br>0.38<br>-15.50 | 18.56<br>0.37<br>-13.12 | 16.98<br>0.36<br>-11.54 | 15.95<br>0.35<br>-10.52 | 16.52<br>0.30<br>-11.64 | 16.22<br>0.30<br>-11.35 | 17.31<br>0.39<br>-11.84 | 17.09<br>0.40<br>-11.60 | 16.61<br>0.58<br>-9.30  | 14.99<br>0.58<br>-7.99  | 15.37<br>0.66<br>-7.55  | 15.21<br>0.47<br>-9.57  | 15.41<br>0.49<br>-9.74  | 15.18<br>0.47<br>-9.61  | 13.97<br>0.48<br>-8.39  | 16.49<br>0.48<br>-10.90 | 19.87<br>0.51<br>-14.26 | 25.18<br>0.74<br>-16.91 | 28.64<br>0.67<br>-20.96 | 30.95<br>1.07<br>-18.38 | 31.76<br>1.06<br>-19.05 | 24.87<br>0.93<br>-13.61 | 21.61<br>0.92<br>-10.34 | 18.75<br>0.75<br>-9.26  |
| ROME____115KV_TB2<br>80656        | 6.00<br>0.09<br>-0.81   | 5.84<br>0.08<br>-0.69   | 5.78<br>0.09<br>-0.60   | 5.74<br>0.11<br>-0.55   | 5.27<br>0.09<br>-0.61   | 5.24<br>0.08<br>-0.59   | 5.78<br>0.06<br>-0.64   | 5.81<br>0.09<br>-0.62   | 7.32<br>0.09<br>-0.50   | 6.94<br>0.08<br>-0.43   | 7.64<br>0.07<br>-0.41   | 5.73<br>0.05<br>-0.51   | 5.75<br>0.05<br>-0.52   | 5.63<br>0.02<br>-0.52   | 5.56<br>0.01<br>-0.45   | 5.72<br>0.03<br>-0.59   | 5.93<br>0.05<br>-0.77   | 8.52<br>0.09<br>-0.91   | 8.26<br>0.12<br>-1.12   | 12.74<br>0.26<br>-0.98  | 12.94<br>0.28<br>-1.01  | 11.28<br>0.22<br>-0.73  | 11.13<br>0.22<br>-0.56  | 9.46<br>0.22<br>-0.50   |
| ROSETON____1<br>23587             | 20.76<br>0.32<br>-15.35 | 18.37<br>0.31<br>-12.98 | 16.81<br>0.31<br>-11.42 | 15.79<br>0.29<br>-10.42 | 16.36<br>0.26<br>-11.52 | 16.06<br>0.26<br>-11.23 | 17.14<br>0.33<br>-11.72 | 16.91<br>0.34<br>-11.48 | 16.43<br>0.49<br>-9.21  | 14.81<br>0.48<br>-7.91  | 15.18<br>0.54<br>-7.48  | 15.03<br>0.39<br>-9.47  | 15.23<br>0.40<br>-9.65  | 15.00<br>0.39<br>-9.51  | 13.80<br>0.40<br>-8.31  | 16.29<br>0.39<br>-10.80 | 19.65<br>0.42<br>-14.11 | 24.88<br>0.62<br>-16.75 | 28.32<br>0.55<br>-20.75 | 30.58<br>0.89<br>-18.20 | 31.39<br>0.89<br>-18.85 | 24.58<br>0.78<br>-13.47 | 21.36<br>0.78<br>-10.23 | 18.54<br>0.64<br>-9.16  |
| ROSETON____2<br>23588             | 20.76<br>0.32<br>-15.35 | 18.37<br>0.31<br>-12.98 | 16.81<br>0.31<br>-11.42 | 15.79<br>0.29<br>-10.42 | 16.36<br>0.26<br>-11.52 | 16.06<br>0.26<br>-11.23 | 17.14<br>0.33<br>-11.72 | 16.91<br>0.34<br>-11.48 | 16.43<br>0.49<br>-9.21  | 14.81<br>0.48<br>-7.91  | 15.18<br>0.54<br>-7.48  | 15.03<br>0.39<br>-9.47  | 15.23<br>0.40<br>-9.65  | 15.00<br>0.39<br>-9.51  | 13.80<br>0.40<br>-8.31  | 16.29<br>0.39<br>-10.80 | 19.65<br>0.42<br>-14.11 | 24.88<br>0.62<br>-16.75 | 28.32<br>0.55<br>-20.75 | 30.58<br>0.89<br>-18.20 | 31.39<br>0.89<br>-18.85 | 24.58<br>0.78<br>-13.47 | 21.36<br>0.78<br>-10.23 | 18.54<br>0.64<br>-9.16  |
| ROTTDAM_115KV_TB3<br>80664        | 25.81<br>0.18<br>-20.54 | 22.63<br>0.17<br>-17.37 | 20.54<br>0.17<br>-15.28 | 19.19<br>0.17<br>-13.94 | 20.15<br>0.16<br>-15.42 | 19.76<br>0.16<br>-15.03 | 21.40<br>0.18<br>-16.14 | 21.07<br>0.17<br>-15.80 | 19.66<br>0.26<br>-12.68 | 17.56<br>0.25<br>-10.88 | 17.73<br>0.28<br>-10.29 | 18.41<br>0.20<br>-13.04 | 18.66<br>0.20<br>-13.28 | 18.39<br>0.19<br>-13.10 | 16.72<br>0.19<br>-11.44 | 20.15<br>0.19<br>-14.86 | 24.73<br>0.19<br>-19.43 | 30.86<br>0.29<br>-23.05 | 35.43<br>0.27<br>-28.14 | 36.42<br>0.46<br>-24.46 | 37.31<br>0.47<br>-25.19 | 29.29<br>0.41<br>-18.54 | 24.85<br>0.41<br>-14.09 | 21.68<br>0.32<br>-12.61 |
| RUSSELL____1<br>23602             | 7.06<br>0.09<br>-1.87   | 6.71<br>0.04<br>-1.58   | 6.55<br>0.07<br>-1.39   | 6.43<br>0.08<br>-1.27   | 6.05<br>0.07<br>-1.41   | 6.00<br>0.06<br>-1.37   | 6.62<br>0.06<br>-1.47   | 6.60<br>0.07<br>-1.44   | 7.93<br>0.05<br>-1.16   | 7.50<br>0.08<br>-0.99   | 8.20<br>0.11<br>-0.94   | 6.45<br>0.09<br>-1.19   | 6.48<br>0.09<br>-1.21   | 6.37<br>0.08<br>-1.20   | 6.21<br>0.07<br>-1.04   | 6.56<br>0.10<br>-1.36   | 6.97<br>0.08<br>-1.77   | 9.75<br>0.13<br>-2.10   | 9.70<br>0.09<br>-2.59   | 13.80<br>0.05<br>-2.26  | 14.05<br>0.06<br>-2.33  | 12.11<br>0.08<br>-1.69  | 11.78<br>0.14<br>-1.29  | 10.04<br>0.15<br>-1.15  |
| RUSSELL____2<br>23532             | 7.06<br>0.09<br>-1.87   | 6.71<br>0.04<br>-1.58   | 6.55<br>0.07<br>-1.39   | 6.43<br>0.08<br>-1.27   | 6.05<br>0.07<br>-1.41   | 6.00<br>0.06<br>-1.37   | 6.62<br>0.06<br>-1.47   | 6.60<br>0.07<br>-1.44   | 7.93<br>0.05<br>-1.16   | 7.50<br>0.08<br>-0.99   | 8.20<br>0.11<br>-0.94   | 6.45<br>0.09<br>-1.19   | 6.48<br>0.09<br>-1.21   | 6.37<br>0.08<br>-1.20   | 6.21<br>0.07<br>-1.04   | 6.56<br>0.10<br>-1.36   | 6.97<br>0.08<br>-1.77   | 9.75<br>0.13<br>-2.10   | 9.70<br>0.09<br>-2.59   | 13.80<br>0.05<br>-2.26  | 14.05<br>0.06<br>-2.33  | 12.11<br>0.08<br>-1.69  | 11.78<br>0.14<br>-1.29  | 10.04<br>0.15<br>-1.15  |
| RUSSELL____3<br>23549             | 7.06<br>0.09<br>-1.87   | 6.71<br>0.04<br>-1.58   | 6.55<br>0.07<br>-1.39   | 6.43<br>0.08<br>-1.27   | 6.05<br>0.07<br>-1.41   | 6.00<br>0.06<br>-1.37   | 6.62<br>0.06<br>-1.47   | 6.60<br>0.07<br>-1.44   | 7.93<br>0.05<br>-1.16   | 7.50<br>0.08<br>-0.99   | 8.20<br>0.11<br>-0.94   | 6.45<br>0.09<br>-1.19   | 6.48<br>0.09<br>-1.21   | 6.37<br>0.08<br>-1.20   | 6.21<br>0.07<br>-1.04   | 6.56<br>0.10<br>-1.36   | 6.97<br>0.08<br>-1.77   | 9.75<br>0.13<br>-2.10   | 9.70<br>0.09<br>-2.59   | 13.80<br>0.05<br>-2.26  | 14.05<br>0.06<br>-2.33  | 12.11<br>0.08<br>-1.69  | 11.78<br>0.14<br>-1.29  | 10.04<br>0.15<br>-1.15  |
| RUSSELL____4<br>23556             | 7.06<br>0.09<br>-1.87   | 6.71<br>0.04<br>-1.58   | 6.55<br>0.07<br>-1.39   | 6.43<br>0.08<br>-1.27   | 6.05<br>0.07<br>-1.41   | 6.00<br>0.06<br>-1.37   | 6.62<br>0.06<br>-1.47   | 6.60<br>0.07<br>-1.44   | 7.93<br>0.05<br>-1.16   | 7.50<br>0.08<br>-0.99   | 8.20<br>0.11<br>-0.94   | 6.45<br>0.09<br>-1.19   | 6.48<br>0.09<br>-1.21   | 6.37<br>0.08<br>-1.20   | 6.21<br>0.07<br>-1.04   | 6.56<br>0.10<br>-1.36   | 6.97<br>0.08<br>-1.77   | 9.75<br>0.13<br>-2.10   | 9.70<br>0.09<br>-2.59   | 13.80<br>0.05<br>-2.26  | 14.05<br>0.06<br>-2.33  | 12.11<br>0.08<br>-1.69  | 11.78<br>0.14<br>-1.29  | 10.04<br>0.15<br>-1.15  |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RUSSELL___STATION<br>23914             | 7.06<br>0.09<br>-1.87   | 6.71<br>0.04<br>-1.58   | 6.55<br>0.07<br>-1.39   | 6.43<br>0.08<br>-1.27   | 6.05<br>0.07<br>-1.41   | 6.00<br>0.06<br>-1.37   | 6.62<br>0.06<br>-1.47   | 6.60<br>0.07<br>-1.44   | 7.93<br>0.05<br>-1.16   | 7.50<br>0.08<br>-0.99   | 8.20<br>0.11<br>-0.94   | 6.45<br>0.09<br>-1.19   | 6.48<br>0.09<br>-1.21   | 6.37<br>0.08<br>-1.20   | 6.21<br>0.07<br>-1.04   | 6.56<br>0.10<br>-1.36   | 6.97<br>0.08<br>-1.77   | 9.75<br>0.13<br>-2.10   | 9.70<br>0.09<br>-2.59   | 13.80<br>0.05<br>-2.26  | 14.05<br>0.06<br>-2.33  | 12.11<br>0.08<br>-1.69  | 11.78<br>0.14<br>-1.29  | 10.04<br>0.15<br>-1.15  |
| S SALMON___HYD<br>24043                | 6.23<br>-0.07<br>-1.20  | 6.02<br>-0.08<br>-1.02  | 5.92<br>-0.07<br>-0.90  | 5.83<br>-0.07<br>-0.82  | 5.41<br>-0.06<br>-0.90  | 5.38<br>-0.07<br>-0.88  | 5.95<br>-0.08<br>-0.95  | 5.94<br>-0.08<br>-0.93  | 7.35<br>-0.12<br>-0.74  | 6.95<br>-0.11<br>-0.64  | 7.64<br>-0.12<br>-0.60  | 5.84<br>-0.09<br>-0.77  | 5.86<br>-0.09<br>-0.78  | 5.75<br>-0.11<br>-0.77  | 5.65<br>-0.12<br>-0.67  | 5.87<br>-0.11<br>-0.87  | 6.16<br>-0.09<br>-1.14  | 8.74<br>-0.14<br>-1.35  | 8.56<br>-0.12<br>-1.66  | 12.79<br>-0.16<br>-1.45 | 13.00<br>-0.15<br>-1.50 | 11.27<br>-0.14<br>-1.09 | 11.08<br>-0.10<br>-0.83 | 9.40<br>-0.08<br>-0.74  |
| S.PERRY__115KV_TB1<br>80734            | 7.82<br>0.21<br>-2.52   | 7.37<br>0.15<br>-2.13   | 7.16<br>0.19<br>-1.88   | 7.00<br>0.20<br>-1.71   | 6.64<br>0.17<br>-1.89   | 6.58<br>0.17<br>-1.85   | 7.26<br>0.19<br>-1.98   | 7.21<br>0.18<br>-1.94   | 8.44<br>0.15<br>-1.56   | 7.91<br>0.15<br>-1.34   | 8.59<br>0.17<br>-1.26   | 6.91<br>0.14<br>-1.60   | 6.95<br>0.14<br>-1.63   | 6.81<br>0.11<br>-1.61   | 6.62<br>0.12<br>-1.41   | 7.07<br>0.14<br>-1.83   | 7.64<br>0.14<br>-2.39   | 10.61<br>0.26<br>-2.83  | 10.75<br>0.25<br>-3.48  | 14.92<br>0.38<br>-3.04  | 15.22<br>0.42<br>-3.14  | 13.01<br>0.40<br>-2.28  | 12.53<br>0.45<br>-1.73  | 10.70<br>0.41<br>-1.55  |
| SAWYER_23_KV_LOAD_REV_LBMP_A<br>345024 | 7.45<br>0.01<br>-2.34   | 7.02<br>-0.05<br>-1.98  | 6.82<br>-0.01<br>-1.74  | 6.70<br>0.03<br>-1.59   | 6.35<br>0.01<br>-1.76   | 6.30<br>0.02<br>-1.72   | 6.93<br>0.01<br>-1.84   | 6.90<br>0.01<br>-1.80   | 8.14<br>-0.03<br>-1.45  | 7.67<br>0.01<br>-1.24   | 8.35<br>0.01<br>-1.17   | 6.71<br>0.05<br>-1.49   | 6.74<br>0.05<br>-1.52   | 6.62<br>0.03<br>-1.50   | 6.43<br>0.03<br>-1.31   | 6.85<br>0.05<br>-1.70   | 7.37<br>0.04<br>-2.22   | 10.21<br>0.06<br>-2.63  | 10.28<br>0.02<br>-3.24  | 14.15<br>-0.17<br>-2.83 | 14.35<br>-0.22<br>-2.92 | 12.32<br>-0.12<br>-2.12 | 11.95<br>-0.01<br>-1.61 | 10.23<br>0.05<br>-1.44  |
| SAWYER__23_KV_LOAD<br>55526            | 7.45<br>0.01<br>-2.34   | 7.02<br>-0.05<br>-1.98  | 6.82<br>-0.01<br>-1.74  | 6.70<br>0.03<br>-1.59   | 6.35<br>0.01<br>-1.76   | 6.30<br>0.02<br>-1.72   | 6.93<br>0.01<br>-1.84   | 6.90<br>0.01<br>-1.80   | 8.14<br>-0.03<br>-1.45  | 7.67<br>0.01<br>-1.24   | 8.35<br>0.01<br>-1.17   | 6.71<br>0.05<br>-1.49   | 6.74<br>0.05<br>-1.52   | 6.62<br>0.03<br>-1.50   | 6.43<br>0.03<br>-1.31   | 6.85<br>0.05<br>-1.70   | 7.37<br>0.04<br>-2.22   | 10.21<br>0.06<br>-2.63  | 10.28<br>0.02<br>-3.24  | 14.15<br>-0.17<br>-2.83 | 14.35<br>-0.22<br>-2.92 | 12.32<br>-0.12<br>-2.12 | 11.95<br>-0.01<br>-1.61 | 10.23<br>0.05<br>-1.44  |
| SELKIRK___I<br>23801                   | 24.20<br>0.13<br>-18.98 | 21.26<br>0.13<br>-16.06 | 19.35<br>0.14<br>-14.12 | 18.13<br>0.16<br>-12.88 | 18.97<br>0.15<br>-14.25 | 18.61<br>0.15<br>-13.89 | 20.12<br>0.17<br>-14.86 | 19.81<br>0.16<br>-14.55 | 18.62<br>0.22<br>-11.67 | 16.65<br>0.20<br>-10.02 | 16.86<br>0.22<br>-9.48  | 17.34<br>0.17<br>-12.01 | 17.57<br>0.16<br>-12.23 | 17.32<br>0.16<br>-12.06 | 15.78<br>0.15<br>-10.53 | 18.94<br>0.15<br>-13.69 | 23.15<br>0.15<br>-17.89 | 28.96<br>0.21<br>-21.23 | 33.15<br>0.20<br>-25.94 | 34.38<br>0.32<br>-22.56 | 35.22<br>0.33<br>-23.24 | 27.71<br>0.30<br>-17.08 | 23.65<br>0.32<br>-12.97 | 20.61<br>0.25<br>-11.62 |
| SELKIRK___II<br>23799                  | 24.45<br>0.11<br>-19.25 | 21.47<br>0.11<br>-16.28 | 19.53<br>0.12<br>-14.32 | 18.29<br>0.15<br>-13.06 | 19.15<br>0.13<br>-14.45 | 18.78<br>0.13<br>-14.09 | 20.31<br>0.15<br>-15.07 | 20.01<br>0.16<br>-14.76 | 18.78<br>0.22<br>-11.84 | 16.79<br>0.20<br>-10.16 | 16.99<br>0.22<br>-9.61  | 17.51<br>0.16<br>-12.17 | 17.74<br>0.16<br>-12.40 | 17.48<br>0.15<br>-12.23 | 15.93<br>0.15<br>-10.68 | 19.13<br>0.15<br>-13.88 | 23.41<br>0.15<br>-18.14 | 29.25<br>0.21<br>-21.52 | 33.49<br>0.20<br>-26.27 | 34.65<br>0.31<br>-22.84 | 35.49<br>0.31<br>-23.52 | 27.94<br>0.29<br>-17.32 | 23.81<br>0.31<br>-13.15 | 20.76<br>0.24<br>-11.78 |
| SENECA OSWGO___HYD<br>24041            | 6.34<br>-0.11<br>-1.36  | 6.11<br>-0.12<br>-1.15  | 5.99<br>-0.10<br>-1.01  | 5.90<br>-0.11<br>-0.92  | 5.49<br>-0.10<br>-1.02  | 5.46<br>-0.10<br>-0.99  | 6.05<br>-0.11<br>-1.07  | 6.03<br>-0.11<br>-1.04  | 7.42<br>-0.15<br>-0.84  | 7.01<br>-0.14<br>-0.72  | 7.69<br>-0.14<br>-0.68  | 5.93<br>-0.10<br>-0.86  | 5.96<br>-0.10<br>-0.88  | 5.85<br>-0.12<br>-0.87  | 5.73<br>-0.12<br>-0.76  | 5.97<br>-0.11<br>-0.98  | 6.29<br>-0.11<br>-1.28  | 8.91<br>-0.14<br>-1.52  | 8.75<br>-0.14<br>-1.87  | 12.91<br>-0.23<br>-1.64 | 13.11<br>-0.23<br>-1.69 | 11.35<br>-0.21<br>-1.23 | 11.10<br>-0.19<br>-0.93 | 9.43<br>-0.15<br>-0.83  |
| SENECA___115KV_TB3<br>355854           | 7.56<br>0.03<br>-2.44   | 7.12<br>-0.03<br>-2.06  | 6.92<br>0.02<br>-1.82   | 6.78<br>0.05<br>-1.66   | 6.43<br>0.03<br>-1.83   | 6.39<br>0.03<br>-1.79   | 7.03<br>0.03<br>-1.92   | 7.00<br>0.04<br>-1.88   | 8.23<br>0.00<br>-1.50   | 7.75<br>0.04<br>-1.29   | 8.43<br>0.05<br>-1.22   | 6.80<br>0.08<br>-1.55   | 6.83<br>0.08<br>-1.58   | 6.71<br>0.06<br>-1.55   | 6.51<br>0.05<br>-1.36   | 6.94<br>0.08<br>-1.76   | 7.49<br>0.07<br>-2.31   | 10.36<br>0.10<br>-2.74  | 10.46<br>0.07<br>-3.37  | 14.37<br>-0.07<br>-2.94 | 14.56<br>-0.14<br>-3.04 | 12.51<br>-0.03<br>-2.21 | 12.09<br>0.06<br>-1.68  | 10.36<br>0.12<br>-1.50  |
| SENECA___ENERGY<br>23797               | 7.05<br>-0.02<br>-1.97  | 6.71<br>-0.04<br>-1.67  | 6.54<br>-0.02<br>-1.47  | 6.41<br>-0.01<br>-1.34  | 6.04<br>-0.01<br>-1.48  | 6.00<br>-0.01<br>-1.44  | 6.62<br>-0.02<br>-1.55  | 6.61<br>0.00<br>-1.52   | 7.92<br>-0.03<br>-1.22  | 7.45<br>-0.01<br>-1.04  | 8.14<br>-0.01<br>-0.99  | 6.43<br>0.01<br>-1.25   | 6.46<br>0.01<br>-1.27   | 6.34<br>-0.02<br>-1.26  | 6.18<br>-0.02<br>-1.10  | 6.52<br>-0.01<br>-1.43  | 6.98<br>0.01<br>-1.86   | 9.77<br>0.04<br>-2.21   | 9.76<br>0.02<br>-2.72   | 13.89<br>0.01<br>-2.38  | 14.12<br>0.01<br>-2.45  | 12.12<br>0.01<br>-1.78  | 11.73<br>0.03<br>-1.35  | 9.99<br>0.04<br>-1.21   |
| SHOEMAKER___GT<br>23640                | 19.11<br>0.30<br>-13.72 | 16.97<br>0.28<br>-11.61 | 15.57<br>0.27<br>-10.21 | 14.65<br>0.25<br>-9.31  | 15.10<br>0.22<br>-10.30 | 14.83<br>0.22<br>-10.04 | 15.88<br>0.29<br>-10.50 | 15.67<br>0.30<br>-10.28 | 15.41<br>0.43<br>-8.25  | 13.92<br>0.42<br>-7.08  | 14.31<br>0.46<br>-6.70  | 13.99<br>0.34<br>-8.49  | 14.16<br>0.34<br>-8.64  | 13.94<br>0.32<br>-8.52  | 12.88<br>0.34<br>-7.44  | 15.11<br>0.34<br>-9.67  | 18.12<br>0.36<br>-12.64 | 23.06<br>0.53<br>-15.00 | 26.09<br>0.49<br>-18.58 | 28.56<br>0.77<br>-16.29 | 29.31<br>0.78<br>-16.88 | 23.10<br>0.70<br>-12.07 | 20.21<br>0.69<br>-9.17  | 17.50<br>0.55<br>-8.21  |
| SHOEMAKR_138KV_BK 111<br>55601         | 18.95<br>0.29<br>-13.57 | 16.84<br>0.27<br>-11.48 | 15.46<br>0.27<br>-10.10 | 14.55<br>0.26<br>-9.21  | 14.99<br>0.22<br>-10.19 | 14.73<br>0.22<br>-9.93  | 15.77<br>0.30<br>-10.39 | 15.56<br>0.30<br>-10.17 | 15.31<br>0.42<br>-8.16  | 13.85<br>0.42<br>-7.01  | 14.25<br>0.47<br>-6.63  | 13.90<br>0.34<br>-8.39  | 14.07<br>0.34<br>-8.55  | 13.86<br>0.33<br>-8.43  | 12.80<br>0.34<br>-7.36  | 15.01<br>0.34<br>-9.57  | 17.98<br>0.36<br>-12.51 | 22.90<br>0.54<br>-14.84 | 25.89<br>0.49<br>-18.38 | 28.40<br>0.78<br>-16.11 | 29.13<br>0.78<br>-16.69 | 22.97<br>0.70<br>-11.94 | 20.10<br>0.68<br>-9.07  | 17.41<br>0.55<br>-8.12  |
| SHOREHAM_IC_1<br>23715                 | 26.83<br>0.55<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.76<br>0.49<br>-15.20 | 20.95<br>0.45<br>-15.93 | 21.02<br>0.46<br>-16.00 | 22.65<br>0.55<br>-17.02 | 18.50<br>0.53<br>-12.88 | 20.01<br>0.79<br>-12.49 | 17.46<br>0.73<br>-10.30 | 18.19<br>0.77<br>-10.26 | 18.18<br>0.55<br>-12.46 | 18.50<br>0.56<br>-12.76 | 18.76<br>0.58<br>-13.08 | 18.82<br>0.58<br>-13.15 | 21.17<br>0.59<br>-15.48 | 25.35<br>0.61<br>-19.62 | 28.32<br>0.98<br>-19.82 | 29.28<br>0.88<br>-21.37 | 31.27<br>1.38<br>-18.39 | 34.37<br>1.31<br>-21.41 | 29.95<br>1.16<br>-18.46 | 26.19<br>1.31<br>-14.52 | 20.83<br>1.01<br>-11.07 |
| SHOREHAM_IC_2<br>23716                 | 26.83<br>0.55<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.76<br>0.49<br>-15.20 | 20.95<br>0.45<br>-15.93 | 21.02<br>0.46<br>-16.00 | 22.65<br>0.55<br>-17.02 | 18.50<br>0.53<br>-12.88 | 20.01<br>0.79<br>-12.49 | 17.46<br>0.73<br>-10.30 | 18.19<br>0.77<br>-10.26 | 18.18<br>0.55<br>-12.46 | 18.50<br>0.56<br>-12.76 | 18.76<br>0.58<br>-13.08 | 18.82<br>0.58<br>-13.15 | 21.17<br>0.59<br>-15.48 | 25.35<br>0.61<br>-19.62 | 28.32<br>0.98<br>-19.82 | 29.28<br>0.88<br>-21.37 | 31.27<br>1.38<br>-18.39 | 34.37<br>1.31<br>-21.41 | 29.95<br>1.16<br>-18.46 | 26.19<br>1.31<br>-14.52 | 20.83<br>1.01<br>-11.07 |
| SISSONVILLE___<br>23735                | 4.79<br>-0.30<br>0.00   | 4.80<br>-0.28<br>0.00   | 4.86<br>-0.23<br>0.00   | 4.85<br>-0.23<br>0.00   | 4.37<br>-0.20<br>0.00   | 4.38<br>-0.19<br>0.00   | 4.84<br>-0.24<br>0.00   | 4.86<br>-0.23<br>0.00   | 6.40<br>-0.32<br>0.00   | 6.08<br>-0.35<br>0.00   | 6.76<br>-0.40<br>0.00   | 4.87<br>-0.31<br>0.00   | 4.86<br>-0.32<br>0.00   | 4.81<br>-0.29<br>0.00   | 4.79<br>-0.31<br>0.00   | 4.79<br>-0.31<br>0.00   | 4.80<br>-0.31<br>0.00   | 7.04<br>-0.48<br>0.00   | 6.61<br>-0.41<br>0.00   | 10.91<br>-0.59<br>0.00  | 11.06<br>-0.59<br>0.00  | 9.79<br>-0.54<br>0.00   | 9.77<br>-0.58<br>0.00   | 8.27<br>-0.47<br>0.00   |

|                               |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SITHE_IND_GS1<br>24169        | 6.12<br>-0.14<br>-1.16  | 5.91<br>-0.15<br>-0.98  | 5.81<br>-0.14<br>-0.87  | 5.73<br>-0.14<br>-0.79  | 5.32<br>-0.13<br>-0.87  | 5.29<br>-0.13<br>-0.85  | 5.85<br>-0.15<br>-0.92  | 5.86<br>-0.13<br>-0.90  | 7.25<br>-0.20<br>-0.72  | 6.87<br>-0.17<br>-0.62  | 7.56<br>-0.19<br>-0.58  | 5.78<br>-0.13<br>-0.74  | 5.79<br>-0.13<br>-0.75  | 5.70<br>-0.14<br>-0.74  | 5.60<br>-0.14<br>-0.65  | 5.81<br>-0.14<br>-0.84  | 6.08<br>-0.13<br>-1.10  | 8.64<br>-0.19<br>-1.31  | 8.45<br>-0.18<br>-1.61  | 12.59<br>-0.31<br>-1.40 | 12.79<br>-0.31<br>-1.45 | 11.10<br>-0.28<br>-1.05 | 10.88<br>-0.27<br>-0.80 | 9.25<br>-0.21<br>-0.72  |
| SITHE_IND_GS2<br>24170        | 6.12<br>-0.14<br>-1.16  | 5.91<br>-0.15<br>-0.98  | 5.81<br>-0.14<br>-0.87  | 5.73<br>-0.14<br>-0.79  | 5.32<br>-0.13<br>-0.87  | 5.29<br>-0.13<br>-0.85  | 5.85<br>-0.15<br>-0.92  | 5.86<br>-0.13<br>-0.90  | 7.25<br>-0.20<br>-0.72  | 6.87<br>-0.17<br>-0.62  | 7.56<br>-0.19<br>-0.58  | 5.78<br>-0.13<br>-0.74  | 5.79<br>-0.13<br>-0.75  | 5.70<br>-0.14<br>-0.74  | 5.60<br>-0.14<br>-0.65  | 5.81<br>-0.14<br>-0.84  | 6.08<br>-0.13<br>-1.10  | 8.64<br>-0.19<br>-1.31  | 8.45<br>-0.18<br>-1.61  | 12.59<br>-0.31<br>-1.40 | 12.79<br>-0.31<br>-1.45 | 11.10<br>-0.28<br>-1.05 | 10.88<br>-0.27<br>-0.80 | 9.25<br>-0.21<br>-0.72  |
| SITHE_IND_GS3<br>24171        | 6.12<br>-0.14<br>-1.16  | 5.91<br>-0.15<br>-0.98  | 5.81<br>-0.14<br>-0.87  | 5.73<br>-0.14<br>-0.79  | 5.32<br>-0.13<br>-0.87  | 5.29<br>-0.13<br>-0.85  | 5.85<br>-0.15<br>-0.92  | 5.86<br>-0.13<br>-0.90  | 7.25<br>-0.20<br>-0.72  | 6.87<br>-0.17<br>-0.62  | 7.56<br>-0.19<br>-0.58  | 5.78<br>-0.13<br>-0.74  | 5.79<br>-0.13<br>-0.75  | 5.70<br>-0.14<br>-0.74  | 5.60<br>-0.14<br>-0.65  | 5.81<br>-0.14<br>-0.84  | 6.08<br>-0.13<br>-1.10  | 8.64<br>-0.19<br>-1.31  | 8.45<br>-0.18<br>-1.61  | 12.59<br>-0.31<br>-1.40 | 12.79<br>-0.31<br>-1.45 | 11.10<br>-0.28<br>-1.05 | 10.88<br>-0.27<br>-0.80 | 9.25<br>-0.21<br>-0.72  |
| SITHE_IND_GS4<br>24172        | 6.12<br>-0.14<br>-1.16  | 5.91<br>-0.15<br>-0.98  | 5.81<br>-0.14<br>-0.87  | 5.73<br>-0.14<br>-0.79  | 5.32<br>-0.13<br>-0.87  | 5.29<br>-0.13<br>-0.85  | 5.85<br>-0.15<br>-0.92  | 5.86<br>-0.13<br>-0.90  | 7.25<br>-0.20<br>-0.72  | 6.87<br>-0.17<br>-0.62  | 7.56<br>-0.19<br>-0.58  | 5.78<br>-0.13<br>-0.74  | 5.79<br>-0.13<br>-0.75  | 5.70<br>-0.14<br>-0.74  | 5.60<br>-0.14<br>-0.65  | 5.81<br>-0.14<br>-0.84  | 6.08<br>-0.13<br>-1.10  | 8.64<br>-0.19<br>-1.31  | 8.45<br>-0.18<br>-1.61  | 12.59<br>-0.31<br>-1.40 | 12.79<br>-0.31<br>-1.45 | 11.10<br>-0.28<br>-1.05 | 10.88<br>-0.27<br>-0.80 | 9.25<br>-0.21<br>-0.72  |
| SITHE__BATAVIA<br>24024       | 7.30<br>0.10<br>-2.11   | 6.91<br>0.05<br>-1.79   | 6.75<br>0.09<br>-1.57   | 6.63<br>0.11<br>-1.43   | 6.25<br>0.10<br>-1.58   | 6.21<br>0.10<br>-1.54   | 6.83<br>0.08<br>-1.66   | 6.81<br>0.10<br>-1.62   | 8.05<br>0.02<br>-1.30   | 7.61<br>0.07<br>-1.12   | 8.30<br>0.09<br>-1.06   | 6.60<br>0.09<br>-1.34   | 6.63<br>0.09<br>-1.36   | 6.51<br>0.07<br>-1.34   | 6.34<br>0.07<br>-1.17   | 6.70<br>0.08<br>-1.53   | 7.19<br>0.08<br>-2.00   | 10.02<br>0.14<br>-2.37  | 10.04<br>0.11<br>-2.92  | 14.07<br>0.02<br>-2.55  | 14.30<br>0.01<br>-2.63  | 12.30<br>0.06<br>-1.91  | 11.96<br>0.16<br>-1.45  | 10.23<br>0.19<br>-1.30  |
| SITHE__INDEPEND<br>23800      | 6.12<br>-0.14<br>-1.16  | 5.91<br>-0.15<br>-0.98  | 5.81<br>-0.14<br>-0.87  | 5.73<br>-0.14<br>-0.79  | 5.32<br>-0.13<br>-0.87  | 5.29<br>-0.13<br>-0.85  | 5.85<br>-0.15<br>-0.92  | 5.85<br>-0.15<br>-0.90  | 7.25<br>-0.20<br>-0.72  | 6.87<br>-0.17<br>-0.62  | 7.56<br>-0.19<br>-0.58  | 5.78<br>-0.13<br>-0.74  | 5.79<br>-0.13<br>-0.75  | 5.70<br>-0.14<br>-0.74  | 5.60<br>-0.14<br>-0.65  | 5.81<br>-0.13<br>-0.84  | 6.08<br>-0.13<br>-1.10  | 8.64<br>-0.19<br>-1.31  | 8.45<br>-0.18<br>-1.61  | 12.59<br>-0.31<br>-1.40 | 12.79<br>-0.31<br>-1.45 | 11.10<br>-0.28<br>-1.05 | 10.88<br>-0.27<br>-0.80 | 9.25<br>-0.21<br>-0.72  |
| SITHE__MASSENA<br>23902       | 4.94<br>-0.16<br>0.00   | 4.94<br>-0.14<br>0.00   | 4.98<br>-0.10<br>0.00   | 4.97<br>-0.11<br>0.00   | 4.49<br>-0.09<br>0.00   | 4.49<br>-0.08<br>0.00   | 4.98<br>-0.11<br>0.00   | 4.98<br>-0.11<br>0.00   | 6.57<br>-0.15<br>0.00   | 6.25<br>-0.17<br>0.00   | 6.96<br>-0.20<br>0.00   | 5.02<br>-0.15<br>0.00   | 5.02<br>-0.16<br>0.00   | 4.96<br>-0.13<br>0.00   | 4.95<br>-0.14<br>0.00   | 4.95<br>-0.15<br>0.00   | 4.95<br>-0.16<br>0.00   | 7.26<br>-0.26<br>0.00   | 6.79<br>-0.22<br>0.00   | 11.19<br>-0.31<br>0.00  | 11.34<br>-0.31<br>0.00  | 10.04<br>-0.29<br>0.00  | 10.04<br>-0.31<br>0.00  | 8.50<br>-0.24<br>0.00   |
| SITHE__OGDNSBRG<br>24021      | 4.91<br>-0.18<br>0.00   | 4.92<br>-0.16<br>0.00   | 4.97<br>-0.12<br>0.00   | 4.96<br>-0.12<br>0.00   | 4.47<br>-0.10<br>0.00   | 4.47<br>-0.10<br>0.00   | 4.95<br>-0.14<br>0.00   | 4.96<br>-0.13<br>0.00   | 6.54<br>-0.19<br>0.00   | 6.21<br>-0.21<br>0.00   | 6.91<br>-0.25<br>0.00   | 4.97<br>-0.20<br>0.00   | 4.97<br>-0.21<br>0.00   | 4.91<br>-0.18<br>0.00   | 4.90<br>-0.19<br>0.00   | 4.90<br>-0.20<br>0.00   | 4.91<br>-0.20<br>0.00   | 7.20<br>-0.32<br>0.00   | 6.77<br>-0.25<br>0.00   | 11.19<br>-0.31<br>0.00  | 11.35<br>-0.30<br>0.00  | 10.03<br>-0.30<br>0.00  | 10.01<br>-0.34<br>0.00  | 8.46<br>-0.28<br>0.00   |
| SITHE__STERLING<br>23777      | 6.10<br>0.07<br>-0.94   | 5.94<br>0.06<br>-0.79   | 5.85<br>0.07<br>-0.70   | 5.80<br>0.09<br>-0.64   | 5.35<br>0.07<br>-0.70   | 5.32<br>0.07<br>-0.69   | 5.88<br>0.06<br>-0.74   | 5.89<br>0.08<br>-0.72   | 7.38<br>0.07<br>-0.58   | 6.99<br>0.07<br>-0.50   | 7.69<br>0.06<br>-0.47   | 5.81<br>0.05<br>-0.60   | 5.83<br>0.05<br>-0.61   | 5.72<br>0.03<br>-0.60   | 5.64<br>0.02<br>-0.52   | 5.81<br>0.03<br>-0.68   | 6.05<br>0.05<br>-0.89   | 8.66<br>0.09<br>-1.05   | 8.42<br>0.11<br>-1.29   | 12.85<br>0.22<br>-1.13  | 13.06<br>0.23<br>-1.17  | 11.36<br>0.19<br>-0.85  | 11.18<br>0.19<br>-0.64  | 9.51<br>0.19<br>-0.58   |
| SLEIGHT__34_KV_TB1<br>80719   | 7.04<br>0.08<br>-1.86   | 6.72<br>0.06<br>-1.57   | 6.55<br>0.08<br>-1.39   | 6.43<br>0.09<br>-1.26   | 6.04<br>0.07<br>-1.40   | 6.00<br>0.07<br>-1.36   | 6.63<br>0.08<br>-1.46   | 6.64<br>0.11<br>-1.43   | 8.01<br>0.13<br>-1.15   | 7.55<br>0.13<br>-0.99   | 8.26<br>0.16<br>-0.93   | 6.48<br>0.12<br>-1.18   | 6.50<br>0.12<br>-1.20   | 6.37<br>0.09<br>-1.19   | 6.23<br>0.09<br>-1.04   | 6.56<br>0.11<br>-1.35   | 6.98<br>0.11<br>-1.76   | 9.81<br>0.20<br>-2.09   | 9.75<br>0.16<br>-2.57   | 13.99<br>0.24<br>-2.25  | 14.23<br>0.26<br>-2.32  | 12.24<br>0.23<br>-1.68  | 11.86<br>0.23<br>-1.28  | 10.09<br>0.21<br>-1.14  |
| SOUTH CAIRO__GT<br>23612      | 23.36<br>0.18<br>-18.09 | 20.55<br>0.17<br>-15.30 | 18.73<br>0.18<br>-13.46 | 17.56<br>0.20<br>-12.28 | 18.33<br>0.17<br>-13.58 | 17.99<br>0.18<br>-13.24 | 19.40<br>0.25<br>-14.07 | 19.10<br>0.23<br>-13.78 | 18.08<br>0.30<br>-11.05 | 16.16<br>0.25<br>-9.49  | 16.37<br>0.24<br>-8.97  | 16.73<br>0.19<br>-11.37 | 16.93<br>0.18<br>-11.58 | 16.67<br>0.16<br>-11.42 | 15.24<br>0.17<br>-9.97  | 18.23<br>0.17<br>-12.95 | 22.24<br>0.19<br>-16.94 | 27.91<br>0.29<br>-20.09 | 31.92<br>0.32<br>-24.58 | 33.39<br>0.51<br>-21.39 | 34.20<br>0.50<br>-22.04 | 27.00<br>0.51<br>-16.17 | 23.09<br>0.45<br>-12.28 | 20.05<br>0.31<br>-11.00 |
| SOUTH HAMPTN__IC<br>23720     | 26.92<br>0.64<br>-21.19 | 24.20<br>0.60<br>-18.52 | 24.42<br>0.60<br>-18.73 | 20.84<br>0.56<br>-15.20 | 21.02<br>0.51<br>-15.93 | 21.09<br>0.52<br>-16.00 | 22.73<br>0.63<br>-17.02 | 18.58<br>0.61<br>-12.88 | 20.13<br>0.91<br>-12.49 | 17.58<br>0.85<br>-10.30 | 18.32<br>0.90<br>-10.26 | 18.27<br>0.65<br>-12.46 | 18.59<br>0.66<br>-12.76 | 18.84<br>0.66<br>-13.08 | 18.91<br>0.66<br>-13.15 | 21.26<br>0.68<br>-15.48 | 25.44<br>0.71<br>-19.62 | 28.46<br>1.12<br>-19.82 | 29.41<br>1.02<br>-21.37 | 31.50<br>1.61<br>-18.39 | 34.61<br>1.55<br>-21.41 | 30.17<br>1.37<br>-18.46 | 26.39<br>1.51<br>-14.52 | 20.97<br>1.15<br>-11.07 |
| SOUTHDOW__115KV_TB1<br>355954 | 7.87<br>0.14<br>-2.64   | 7.39<br>0.08<br>-2.23   | 7.17<br>0.12<br>-1.96   | 7.00<br>0.13<br>-1.79   | 6.65<br>0.10<br>-1.98   | 6.61<br>0.11<br>-1.93   | 7.31<br>0.15<br>-2.07   | 7.30<br>0.18<br>-2.03   | 8.56<br>0.21<br>-1.63   | 8.05<br>0.23<br>-1.40   | 8.74<br>0.26<br>-1.32   | 7.07<br>0.23<br>-1.67   | 7.10<br>0.22<br>-1.70   | 6.97<br>0.19<br>-1.68   | 6.74<br>0.17<br>-1.47   | 7.21<br>0.20<br>-1.91   | 7.80<br>0.19<br>-2.49   | 10.77<br>0.29<br>-2.96  | 10.94<br>0.28<br>-3.64  | 15.03<br>0.34<br>-3.18  | 15.21<br>0.27<br>-3.29  | 13.08<br>0.36<br>-2.38  | 12.60<br>0.43<br>-1.81  | 10.81<br>0.45<br>-1.62  |
| SOUTHOLD_69_KV_BK 2<br>55809  | 27.01<br>0.73<br>-21.19 | 24.29<br>0.69<br>-18.52 | 24.50<br>0.69<br>-18.73 | 20.92<br>0.65<br>-15.20 | 21.09<br>0.59<br>-15.93 | 21.16<br>0.59<br>-16.00 | 22.81<br>0.71<br>-17.02 | 18.67<br>0.70<br>-12.88 | 20.25<br>1.04<br>-12.49 | 17.70<br>0.98<br>-10.30 | 18.45<br>1.03<br>-10.26 | 18.37<br>0.74<br>-12.46 | 18.69<br>0.75<br>-12.76 | 18.92<br>0.75<br>-13.08 | 18.99<br>0.74<br>-13.15 | 21.35<br>0.77<br>-15.48 | 25.53<br>0.80<br>-19.62 | 28.62<br>1.28<br>-19.82 | 29.56<br>1.17<br>-21.37 | 31.73<br>1.84<br>-18.39 | 34.87<br>1.81<br>-21.41 | 30.38<br>1.59<br>-18.46 | 26.59<br>1.72<br>-14.52 | 21.13<br>1.31<br>-11.07 |
| SOUTHOLD__IC<br>23719         | 27.01<br>0.73<br>-21.19 | 24.29<br>0.69<br>-18.52 | 24.50<br>0.69<br>-18.73 | 20.92<br>0.65<br>-15.20 | 21.09<br>0.59<br>-15.93 | 21.16<br>0.59<br>-16.00 | 22.81<br>0.71<br>-17.02 | 18.67<br>0.70<br>-12.88 | 20.25<br>1.04<br>-12.49 | 17.70<br>0.98<br>-10.30 | 18.45<br>1.03<br>-10.26 | 18.37<br>0.74<br>-12.46 | 18.69<br>0.75<br>-12.76 | 18.92<br>0.75<br>-13.08 | 18.99<br>0.74<br>-13.15 | 21.35<br>0.77<br>-15.48 | 25.54<br>0.81<br>-19.62 | 28.62<br>1.28<br>-19.82 | 29.56<br>1.17<br>-21.37 | 31.73<br>1.84<br>-18.39 | 34.87<br>1.81<br>-21.41 | 30.38<br>1.59<br>-18.46 | 26.59<br>1.72<br>-14.52 | 21.13<br>1.31<br>-11.07 |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SPIERFLS_115KV_TB 1<br>80737             | 25.43<br>0.08<br>-20.26 | 22.29<br>0.07<br>-17.14 | 20.22<br>0.06<br>-15.07 | 18.87<br>0.04<br>-13.75 | 19.84<br>0.06<br>-15.21 | 19.46<br>0.06<br>-14.83 | 21.03<br>0.10<br>-15.85 | 20.67<br>0.06<br>-15.52 | 19.50<br>0.32<br>-12.45 | 17.41<br>0.30<br>-10.69 | 17.58<br>0.31<br>-10.11 | 18.22<br>0.24<br>-12.80 | 18.45<br>0.23<br>-13.04 | 18.18<br>0.22<br>-12.86 | 16.51<br>0.18<br>-11.23 | 19.89<br>0.19<br>-14.60 | 24.28<br>0.09<br>-19.08 | 30.32<br>0.16<br>-22.64 | 34.76<br>0.16<br>-27.58 | 35.74<br>0.30<br>-23.94 | 36.61<br>0.33<br>-24.63 | 28.83<br>0.29<br>-18.21 | 24.47<br>0.28<br>-13.83 | 21.27<br>0.14<br>-12.39 |
| ST LAWRENCE____<br>23600                 | 4.95<br>-0.15<br>0.00   | 4.94<br>-0.14<br>0.00   | 4.95<br>-0.13<br>0.00   | 4.95<br>-0.13<br>0.00   | 4.46<br>-0.11<br>0.00   | 4.46<br>-0.11<br>0.00   | 4.95<br>-0.13<br>0.00   | 4.95<br>-0.14<br>0.00   | 6.54<br>-0.19<br>0.00   | 6.22<br>-0.20<br>0.00   | 6.93<br>-0.23<br>0.00   | 5.00<br>-0.17<br>0.00   | 5.00<br>-0.18<br>0.00   | 4.94<br>-0.15<br>0.00   | 4.94<br>-0.16<br>0.00   | 4.94<br>-0.16<br>0.00   | 4.94<br>-0.17<br>0.00   | 7.24<br>-0.28<br>0.00   | 6.77<br>-0.25<br>0.00   | 11.12<br>-0.38<br>0.00  | 11.28<br>-0.37<br>0.00  | 10.00<br>-0.33<br>0.00  | 10.00<br>-0.35<br>0.00  | 8.45<br>-0.29<br>0.00   |
| STATE_CA_115KV_115_LB<br>55624           | 24.75<br>0.10<br>-19.56 | 21.72<br>0.10<br>-16.54 | 19.75<br>0.11<br>-14.55 | 18.52<br>0.16<br>-13.27 | 19.40<br>0.14<br>-14.68 | 19.02<br>0.14<br>-14.31 | 20.43<br>0.18<br>-15.17 | 20.13<br>0.18<br>-14.86 | 18.88<br>0.24<br>-11.92 | 16.88<br>0.22<br>-10.23 | 17.08<br>0.25<br>-9.68  | 17.61<br>0.18<br>-12.26 | 17.84<br>0.18<br>-12.49 | 17.59<br>0.18<br>-12.31 | 16.02<br>0.17<br>-10.75 | 19.25<br>0.17<br>-13.97 | 23.54<br>0.16<br>-18.27 | 29.41<br>0.22<br>-21.67 | 33.59<br>0.20<br>-26.37 | 34.71<br>0.33<br>-22.88 | 35.52<br>0.34<br>-23.53 | 28.08<br>0.31<br>-17.43 | 23.94<br>0.34<br>-13.24 | 20.87<br>0.27<br>-11.86 |
| STATE_ST_34_KV_LOAD<br>55959             | 7.10<br>0.06<br>-1.95   | 6.78<br>0.05<br>-1.65   | 6.60<br>0.06<br>-1.45   | 6.41<br>0.01<br>-1.32   | 6.05<br>0.01<br>-1.46   | 6.00<br>0.00<br>-1.43   | 6.67<br>0.05<br>-1.53   | 6.62<br>0.03<br>-1.50   | 8.02<br>0.09<br>-1.20   | 7.54<br>0.08<br>-1.03   | 8.24<br>0.11<br>-0.98   | 6.49<br>0.08<br>-1.24   | 6.51<br>0.08<br>-1.26   | 6.39<br>0.05<br>-1.24   | 6.23<br>0.05<br>-1.09   | 6.58<br>0.07<br>-1.41   | 7.03<br>0.07<br>-1.84   | 9.84<br>0.14<br>-2.19   | 9.82<br>0.11<br>-2.69   | 14.02<br>0.17<br>-2.35  | 14.26<br>0.17<br>-2.43  | 12.26<br>0.17<br>-1.76  | 11.87<br>0.18<br>-1.34  | 10.04<br>0.10<br>-1.20  |
| STATION 5_MISC_HYD<br>23604              | 7.02<br>0.05<br>-1.87   | 6.68<br>0.02<br>-1.58   | 6.53<br>0.05<br>-1.39   | 6.41<br>0.06<br>-1.27   | 6.03<br>0.05<br>-1.41   | 5.99<br>0.05<br>-1.37   | 6.60<br>0.04<br>-1.47   | 6.59<br>0.06<br>-1.44   | 7.88<br>0.00<br>-1.16   | 7.47<br>0.05<br>-0.99   | 8.17<br>0.07<br>-0.94   | 6.43<br>0.07<br>-1.19   | 6.46<br>0.07<br>-1.21   | 6.34<br>0.05<br>-1.20   | 6.19<br>0.05<br>-1.04   | 6.51<br>0.06<br>-1.36   | 6.94<br>0.06<br>-1.77   | 9.71<br>0.09<br>-2.10   | 9.66<br>0.06<br>-2.59   | 13.75<br>-0.01<br>-2.26 | 13.98<br>-0.01<br>-2.33 | 12.04<br>0.02<br>-1.69  | 11.73<br>0.09<br>-1.29  | 10.01<br>0.11<br>-1.15  |
| STA_168_34_KV_BK1_2_REV_LBMP_B<br>345032 | 7.02<br>0.05<br>-1.88   | 6.67<br>0.01<br>-1.59   | 6.51<br>0.03<br>-1.40   | 6.41<br>0.05<br>-1.27   | 6.02<br>0.04<br>-1.41   | 5.98<br>0.04<br>-1.37   | 6.60<br>0.04<br>-1.47   | 6.60<br>0.06<br>-1.44   | 7.93<br>0.04<br>-1.16   | 7.48<br>0.06<br>-0.99   | 8.18<br>0.09<br>-0.94   | 6.43<br>0.07<br>-1.19   | 6.45<br>0.06<br>-1.21   | 6.34<br>0.05<br>-1.20   | 6.19<br>0.05<br>-1.05   | 6.53<br>0.07<br>-1.36   | 6.95<br>0.06<br>-1.78   | 9.73<br>0.11<br>-2.11   | 9.69<br>0.08<br>-2.59   | 13.82<br>0.06<br>-2.26  | 14.06<br>0.07<br>-2.34  | 12.10<br>0.07<br>-1.70  | 11.74<br>0.10<br>-1.29  | 10.01<br>0.11<br>-1.15  |
| STA_56_34_KV_BUS2_REV_LBMP_B<br>345033   | 6.97<br>0.02<br>-1.86   | 6.63<br>-0.03<br>-1.57  | 6.48<br>0.01<br>-1.38   | 6.36<br>0.02<br>-1.26   | 5.98<br>0.01<br>-1.40   | 5.94<br>0.01<br>-1.36   | 6.55<br>0.01<br>-1.46   | 6.54<br>0.02<br>-1.43   | 7.86<br>-0.01<br>-1.15  | 7.43<br>0.02<br>-0.99   | 8.13<br>0.04<br>-0.93   | 6.39<br>0.04<br>-1.18   | 6.42<br>0.04<br>-1.20   | 6.31<br>0.03<br>-1.19   | 6.15<br>0.02<br>-1.04   | 6.49<br>0.04<br>-1.35   | 6.90<br>0.03<br>-1.76   | 9.67<br>0.06<br>-2.09   | 9.61<br>0.02<br>-2.57   | 13.68<br>-0.06<br>-2.24 | 13.91<br>-0.06<br>-2.32 | 11.98<br>-0.03<br>-1.68 | 11.65<br>0.02<br>-1.28  | 9.94<br>0.05<br>-1.14   |
| STA_56____34_KV_BUS2<br>355983           | 6.97<br>0.02<br>-1.86   | 6.63<br>-0.03<br>-1.57  | 6.48<br>0.01<br>-1.38   | 6.36<br>0.02<br>-1.26   | 5.98<br>0.01<br>-1.40   | 5.94<br>0.01<br>-1.36   | 6.55<br>0.01<br>-1.46   | 6.54<br>0.02<br>-1.43   | 7.86<br>-0.01<br>-1.15  | 7.43<br>0.02<br>-0.99   | 8.13<br>0.04<br>-0.93   | 6.39<br>0.04<br>-1.18   | 6.42<br>0.04<br>-1.20   | 6.31<br>0.03<br>-1.19   | 6.15<br>0.02<br>-1.04   | 6.49<br>0.04<br>-1.35   | 6.90<br>0.03<br>-1.76   | 9.67<br>0.06<br>-2.09   | 9.61<br>0.02<br>-2.57   | 13.68<br>-0.06<br>-2.24 | 13.91<br>-0.06<br>-2.32 | 11.98<br>-0.03<br>-1.68 | 11.65<br>0.02<br>-1.28  | 9.94<br>0.05<br>-1.14   |
| STA_67____115KV_BK2<br>355882            | 7.02<br>0.06<br>-1.87   | 6.67<br>0.01<br>-1.58   | 6.52<br>0.04<br>-1.39   | 6.40<br>0.05<br>-1.27   | 6.02<br>0.04<br>-1.41   | 5.97<br>0.04<br>-1.37   | 6.59<br>0.03<br>-1.47   | 6.57<br>0.04<br>-1.44   | 7.89<br>0.01<br>-1.16   | 7.45<br>0.04<br>-0.99   | 8.15<br>0.06<br>-0.94   | 6.42<br>0.06<br>-1.19   | 6.44<br>0.06<br>-1.21   | 6.33<br>0.04<br>-1.19   | 6.18<br>0.04<br>-1.04   | 6.51<br>0.06<br>-1.36   | 6.93<br>0.05<br>-1.77   | 9.70<br>0.08<br>-2.10   | 9.65<br>0.04<br>-2.58   | 13.72<br>-0.03<br>-2.26 | 13.95<br>-0.03<br>-2.33 | 12.02<br>0.00<br>-1.69  | 11.70<br>0.06<br>-1.28  | 9.99<br>0.10<br>-1.15   |
| STA_7____115KV_9TRANS<br>80674           | 7.06<br>0.09<br>-1.87   | 6.71<br>0.04<br>-1.58   | 6.55<br>0.07<br>-1.39   | 6.43<br>0.08<br>-1.27   | 6.05<br>0.07<br>-1.41   | 6.00<br>0.06<br>-1.37   | 6.62<br>0.06<br>-1.47   | 6.60<br>0.07<br>-1.44   | 7.93<br>0.05<br>-1.16   | 7.50<br>0.08<br>-0.99   | 8.20<br>0.11<br>-0.94   | 6.45<br>0.09<br>-1.19   | 6.48<br>0.09<br>-1.21   | 6.37<br>0.08<br>-1.20   | 6.21<br>0.07<br>-1.04   | 6.56<br>0.10<br>-1.36   | 6.97<br>0.08<br>-1.77   | 9.75<br>0.13<br>-2.10   | 9.70<br>0.09<br>-2.59   | 13.80<br>0.05<br>-2.26  | 14.05<br>0.06<br>-2.33  | 12.11<br>0.08<br>-1.69  | 11.78<br>0.14<br>-1.29  | 10.04<br>0.15<br>-1.15  |
| STA_82____115KV_TB1<br>80780             | 7.03<br>0.06<br>-1.88   | 6.68<br>0.01<br>-1.59   | 6.53<br>0.04<br>-1.40   | 6.41<br>0.06<br>-1.28   | 6.03<br>0.05<br>-1.41   | 5.98<br>0.04<br>-1.38   | 6.60<br>0.03<br>-1.48   | 6.58<br>0.04<br>-1.45   | 7.89<br>0.01<br>-1.16   | 7.46<br>0.04<br>-1.00   | 8.16<br>0.06<br>-0.94   | 6.42<br>0.06<br>-1.19   | 6.45<br>0.06<br>-1.22   | 6.34<br>0.04<br>-1.20   | 6.19<br>0.04<br>-1.05   | 6.52<br>0.06<br>-1.36   | 6.94<br>0.05<br>-1.78   | 9.71<br>0.08<br>-2.11   | 9.66<br>0.04<br>-2.60   | 13.73<br>-0.03<br>-2.27 | 13.96<br>-0.03<br>-2.34 | 12.03<br>0.00<br>-1.70  | 11.71<br>0.07<br>-1.29  | 9.99<br>0.10<br>-1.16   |
| STEEL____WIND<br>323596                  | 7.54<br>0.01<br>-2.44   | 7.12<br>-0.03<br>-2.06  | 6.91<br>0.01<br>-1.82   | 6.78<br>0.04<br>-1.66   | 6.43<br>0.03<br>-1.83   | 6.38<br>0.03<br>-1.79   | 7.03<br>0.02<br>-1.92   | 7.01<br>0.04<br>-1.88   | 8.20<br>-0.03<br>-1.50  | 7.75<br>0.03<br>-1.29   | 8.42<br>0.04<br>-1.22   | 6.79<br>0.07<br>-1.55   | 6.82<br>0.07<br>-1.58   | 6.70<br>0.05<br>-1.55   | 6.50<br>0.05<br>-1.36   | 6.92<br>0.05<br>-1.76   | 7.48<br>0.06<br>-2.31   | 10.35<br>0.09<br>-2.74  | 10.45<br>0.06<br>-3.37  | 14.36<br>-0.08<br>-2.94 | 14.56<br>-0.14<br>-3.04 | 12.50<br>-0.04<br>-2.21 | 12.08<br>0.05<br>-1.68  | 10.35<br>0.11<br>-1.50  |
| STEPHTWN_115KV_BK_2<br>55603             | 24.55<br>0.13<br>-19.33 | 21.55<br>0.12<br>-16.35 | 19.60<br>0.14<br>-14.38 | 18.39<br>0.19<br>-13.12 | 19.25<br>0.17<br>-14.51 | 18.88<br>0.17<br>-14.15 | 20.28<br>0.20<br>-14.99 | 19.98<br>0.21<br>-14.68 | 18.77<br>0.27<br>-11.77 | 16.78<br>0.25<br>-10.11 | 17.00<br>0.29<br>-9.56  | 17.49<br>0.21<br>-12.11 | 17.71<br>0.20<br>-12.34 | 17.46<br>0.20<br>-12.17 | 15.91<br>0.19<br>-10.62 | 19.10<br>0.19<br>-13.80 | 23.34<br>0.18<br>-18.04 | 29.19<br>0.26<br>-21.41 | 33.32<br>0.25<br>-26.05 | 34.52<br>0.41<br>-22.60 | 35.31<br>0.41<br>-23.25 | 27.93<br>0.37<br>-17.22 | 23.84<br>0.40<br>-13.08 | 20.78<br>0.32<br>-11.71 |
| STEBEN_REC_LFGE<br>323667                | 8.34<br>0.15<br>-3.10   | 7.80<br>0.10<br>-2.62   | 7.53<br>0.14<br>-2.30   | 7.35<br>0.16<br>-2.10   | 7.04<br>0.14<br>-2.32   | 6.97<br>0.14<br>-2.27   | 7.67<br>0.15<br>-2.43   | 7.65<br>0.18<br>-2.38   | 8.83<br>0.19<br>-1.91   | 8.26<br>0.19<br>-1.64   | 8.93<br>0.22<br>-1.55   | 7.32<br>0.18<br>-1.97   | 7.36<br>0.18<br>-2.00   | 7.21<br>0.14<br>-1.98   | 6.96<br>0.14<br>-1.73   | 7.51<br>0.17<br>-2.24   | 8.21<br>0.17<br>-2.93   | 11.28<br>0.29<br>-3.48  | 11.55<br>0.25<br>-4.28  | 15.59<br>0.36<br>-3.73  | 15.85<br>0.34<br>-3.86  | 13.47<br>0.34<br>-2.80  | 12.86<br>0.38<br>-2.12  | 11.01<br>0.37<br>-1.90  |
| STONY____BROOK<br>24151                  | 26.86<br>0.58<br>-21.19 | 24.15<br>0.55<br>-18.52 | 24.37<br>0.55<br>-18.73 | 20.80<br>0.52<br>-15.20 | 20.97<br>0.47<br>-15.93 | 21.03<br>0.47<br>-16.00 | 22.69<br>0.58<br>-17.02 | 18.54<br>0.57<br>-12.88 | 20.07<br>0.85<br>-12.49 | 17.53<br>0.80<br>-10.30 | 18.28<br>0.86<br>-10.26 | 18.24<br>0.61<br>-12.46 | 18.57<br>0.63<br>-12.76 | 18.80<br>0.62<br>-13.08 | 18.88<br>0.63<br>-13.15 | 21.22<br>0.64<br>-15.48 | 25.40<br>0.67<br>-19.62 | 28.36<br>1.02<br>-19.82 | 29.32<br>0.93<br>-21.37 | 31.35<br>1.46<br>-18.39 | 34.49<br>1.43<br>-21.41 | 30.05<br>1.26<br>-18.46 | 26.25<br>1.37<br>-14.53 | 20.86<br>1.05<br>-11.07 |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| STURGEON_POOL_HYD<br>23609               | 20.85<br>0.37<br>-15.39 | 18.44<br>0.35<br>-13.02 | 16.87<br>0.33<br>-11.45 | 15.86<br>0.33<br>-10.44 | 16.41<br>0.29<br>-11.55 | 16.11<br>0.28<br>-11.26 | 17.26<br>0.35<br>-11.82 | 17.06<br>0.39<br>-11.58 | 16.54<br>0.52<br>-9.29  | 14.93<br>0.53<br>-7.97  | 15.30<br>0.60<br>-7.54  | 15.16<br>0.44<br>-9.55  | 15.36<br>0.45<br>-9.73  | 15.12<br>0.42<br>-9.60  | 13.93<br>0.45<br>-8.38  | 16.44<br>0.45<br>-10.89 | 19.85<br>0.50<br>-14.24 | 25.15<br>0.74<br>-16.89 | 28.51<br>0.66<br>-20.83 | 30.75<br>1.03<br>-18.22 | 31.52<br>1.03<br>-18.84 | 24.84<br>0.92<br>-13.59 | 21.55<br>0.88<br>-10.32 | 18.74<br>0.76<br>-9.24  |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G<br>345026 | 19.64<br>0.32<br>-14.23 | 17.42<br>0.30<br>-12.03 | 15.97<br>0.30<br>-10.59 | 15.03<br>0.29<br>-9.66  | 15.51<br>0.26<br>-10.68 | 15.24<br>0.26<br>-10.41 | 16.29<br>0.33<br>-10.88 | 16.09<br>0.34<br>-10.66 | 15.75<br>0.48<br>-8.55  | 14.23<br>0.47<br>-7.34  | 14.63<br>0.53<br>-6.94  | 14.34<br>0.38<br>-8.79  | 14.52<br>0.39<br>-8.96  | 14.30<br>0.37<br>-8.83  | 13.20<br>0.39<br>-7.71  | 15.51<br>0.39<br>-10.02 | 18.63<br>0.41<br>-13.10 | 23.67<br>0.61<br>-15.54 | 26.82<br>0.55<br>-19.25 | 29.26<br>0.87<br>-16.88 | 30.02<br>0.87<br>-17.49 | 23.61<br>0.77<br>-12.50 | 20.62<br>0.77<br>-9.50  | 17.88<br>0.64<br>-8.50  |
| SWANROAD_115KV_TB1<br>355699             | 7.29<br>-0.05<br>-2.25  | 6.87<br>-0.11<br>-1.90  | 6.69<br>-0.07<br>-1.67  | 6.58<br>-0.03<br>-1.53  | 6.22<br>-0.04<br>-1.69  | 6.18<br>-0.03<br>-1.64  | 6.78<br>-0.08<br>-1.77  | 6.74<br>-0.08<br>-1.73  | 7.95<br>-0.16<br>-1.39  | 7.50<br>-0.12<br>-1.19  | 8.16<br>-0.12<br>-1.13  | 6.54<br>-0.05<br>-1.43  | 6.58<br>-0.05<br>-1.45  | 6.46<br>-0.07<br>-1.43  | 6.28<br>-0.07<br>-1.25  | 6.68<br>-0.05<br>-1.63  | 7.18<br>-0.06<br>-2.13  | 9.96<br>-0.08<br>-2.52  | 10.00<br>-0.12<br>-3.10 | 13.80<br>-0.41<br>-2.71 | 13.99<br>-0.47<br>-2.80 | 12.02<br>-0.34<br>-2.03 | 11.68<br>-0.22<br>-1.54 | 10.01<br>-0.11<br>-1.38 |
| SYNERGY___BIOGAS<br>323694               | 7.30<br>0.10<br>-2.11   | 6.91<br>0.05<br>-1.79   | 6.75<br>0.09<br>-1.57   | 6.63<br>0.11<br>-1.43   | 6.25<br>0.10<br>-1.58   | 6.21<br>0.10<br>-1.54   | 6.83<br>0.08<br>-1.66   | 6.81<br>0.10<br>-1.62   | 8.05<br>0.02<br>-1.30   | 7.61<br>0.07<br>-1.12   | 8.30<br>0.09<br>-1.06   | 6.60<br>0.09<br>-1.34   | 6.63<br>0.09<br>-1.36   | 6.51<br>0.07<br>-1.34   | 6.34<br>0.07<br>-1.17   | 6.70<br>0.08<br>-1.53   | 7.19<br>0.08<br>-2.00   | 10.02<br>0.14<br>-2.37  | 10.04<br>0.11<br>-2.92  | 14.07<br>0.02<br>-2.55  | 14.30<br>0.01<br>-2.63  | 12.30<br>0.06<br>-1.91  | 11.96<br>0.16<br>-1.45  | 10.23<br>0.19<br>-1.30  |
| SYRACUSE___ENERGY_ST1<br>323597          | 6.69<br>-0.03<br>-1.62  | 6.42<br>-0.04<br>-1.37  | 6.27<br>-0.03<br>-1.21  | 6.16<br>-0.03<br>-1.10  | 5.77<br>-0.03<br>-1.22  | 5.73<br>-0.03<br>-1.19  | 6.33<br>-0.03<br>-1.28  | 6.32<br>-0.02<br>-1.25  | 7.69<br>-0.04<br>-1.00  | 7.26<br>-0.03<br>-0.86  | 7.95<br>-0.02<br>-0.81  | 6.19<br>-0.02<br>-1.03  | 6.21<br>-0.02<br>-1.05  | 6.10<br>-0.03<br>-1.04  | 5.97<br>-0.03<br>-0.91  | 6.26<br>-0.02<br>-1.18  | 6.64<br>-0.02<br>-1.54  | 9.34<br>0.00<br>-1.82   | 9.24<br>-0.02<br>-2.24  | 13.42<br>-0.03<br>-1.96 | 13.64<br>-0.03<br>-2.02 | 11.77<br>-0.03<br>-1.47 | 11.45<br>-0.02<br>-1.11 | 9.74<br>0.00<br>-1.00   |
| SYRACUSE___ENERGY_ST2<br>323598          | 6.69<br>-0.03<br>-1.62  | 6.42<br>-0.04<br>-1.37  | 6.27<br>-0.03<br>-1.21  | 6.16<br>-0.03<br>-1.10  | 5.77<br>-0.03<br>-1.22  | 5.73<br>-0.03<br>-1.19  | 6.33<br>-0.03<br>-1.28  | 6.32<br>-0.02<br>-1.25  | 7.69<br>-0.04<br>-1.00  | 7.26<br>-0.03<br>-0.86  | 7.95<br>-0.02<br>-0.81  | 6.19<br>-0.02<br>-1.03  | 6.21<br>-0.02<br>-1.05  | 6.10<br>-0.03<br>-1.04  | 5.97<br>-0.03<br>-0.91  | 6.26<br>-0.02<br>-1.18  | 6.64<br>-0.02<br>-1.54  | 9.34<br>0.00<br>-1.82   | 9.24<br>-0.02<br>-2.24  | 13.42<br>-0.03<br>-1.96 | 13.64<br>-0.03<br>-2.02 | 11.77<br>-0.03<br>-1.47 | 11.45<br>-0.02<br>-1.11 | 9.74<br>0.00<br>-1.00   |
| SYRACUSE___POWER<br>24017                | 6.73<br>-0.03<br>-1.67  | 6.45<br>-0.05<br>-1.41  | 6.29<br>-0.04<br>-1.24  | 6.18<br>-0.03<br>-1.13  | 5.79<br>-0.03<br>-1.25  | 5.75<br>-0.04<br>-1.22  | 6.36<br>-0.04<br>-1.31  | 6.35<br>-0.03<br>-1.28  | 7.71<br>-0.05<br>-1.03  | 7.28<br>-0.03<br>-0.88  | 7.97<br>-0.03<br>-0.84  | 6.21<br>-0.02<br>-1.06  | 6.24<br>-0.02<br>-1.08  | 6.13<br>-0.04<br>-1.06  | 5.99<br>-0.04<br>-0.93  | 6.29<br>-0.02<br>-1.21  | 6.67<br>-0.02<br>-1.58  | 9.39<br>-0.01<br>-1.87  | 9.30<br>-0.02<br>-2.30  | 13.47<br>-0.05<br>-2.01 | 13.70<br>-0.03<br>-2.08 | 11.81<br>-0.03<br>-1.51 | 11.48<br>-0.02<br>-1.15 | 9.76<br>-0.01<br>-1.03  |
| TALLMAN__138KV_BK151<br>55660            | 20.24<br>0.36<br>-14.78 | 17.93<br>0.34<br>-12.51 | 16.42<br>0.33<br>-11.00 | 15.44<br>0.33<br>-10.04 | 15.96<br>0.29<br>-11.10 | 15.67<br>0.28<br>-10.82 | 16.74<br>0.36<br>-11.30 | 16.54<br>0.38<br>-11.07 | 16.13<br>0.53<br>-8.88  | 14.58<br>0.53<br>-7.62  | 14.97<br>0.60<br>-7.21  | 14.74<br>0.43<br>-9.13  | 14.92<br>0.45<br>-9.30  | 14.70<br>0.43<br>-9.17  | 13.55<br>0.44<br>-8.01  | 15.95<br>0.44<br>-10.41 | 19.19<br>0.48<br>-13.61 | 24.36<br>0.69<br>-16.14 | 27.64<br>0.62<br>-20.00 | 30.03<br>0.99<br>-17.54 | 30.82<br>0.99<br>-18.17 | 24.19<br>0.87<br>-12.99 | 21.08<br>0.86<br>-9.86  | 18.28<br>0.71<br>-8.83  |
| TEALLAVE_115KV_TB7<br>355573             | 6.49<br>-0.04<br>-1.44  | 6.23<br>-0.06<br>-1.21  | 6.11<br>-0.05<br>-1.07  | 6.02<br>-0.04<br>-0.97  | 5.61<br>-0.04<br>-1.08  | 5.57<br>-0.05<br>-1.05  | 6.16<br>-0.05<br>-1.13  | 6.16<br>-0.04<br>-1.10  | 7.55<br>-0.07<br>-0.89  | 7.13<br>-0.05<br>-0.76  | 7.83<br>-0.05<br>-0.72  | 6.05<br>-0.03<br>-0.91  | 6.07<br>-0.03<br>-0.93  | 5.97<br>-0.05<br>-0.92  | 5.85<br>-0.05<br>-0.80  | 6.11<br>-0.03<br>-1.04  | 6.44<br>-0.03<br>-1.36  | 9.10<br>-0.03<br>-1.61  | 8.96<br>-0.04<br>-1.98  | 13.15<br>-0.08<br>-1.73 | 13.36<br>-0.08<br>-1.79 | 11.57<br>-0.06<br>-1.30 | 11.27<br>-0.06<br>-0.98 | 9.59<br>-0.03<br>-0.88  |
| TELGRAPH_34_KV_EAST<br>80808             | 7.31<br>0.05<br>-2.17   | 6.90<br>-0.02<br>-1.83  | 6.73<br>0.03<br>-1.61   | 6.61<br>0.06<br>-1.47   | 6.25<br>0.05<br>-1.63   | 6.20<br>0.05<br>-1.59   | 6.81<br>0.02<br>-1.70   | 6.78<br>0.03<br>-1.67   | 8.03<br>-0.03<br>-1.34  | 7.58<br>0.01<br>-1.15   | 8.26<br>0.02<br>-1.08   | 6.59<br>0.04<br>-1.37   | 6.62<br>0.04<br>-1.40   | 6.50<br>0.03<br>-1.38   | 6.33<br>0.03<br>-1.20   | 6.72<br>0.05<br>-1.57   | 7.20<br>0.04<br>-2.05   | 10.01<br>0.06<br>-2.43  | 10.04<br>0.03<br>-2.99  | 13.97<br>-0.14<br>-2.61 | 14.18<br>-0.17<br>-2.70 | 12.20<br>-0.09<br>-1.96 | 11.85<br>0.01<br>-1.49  | 10.15<br>0.08<br>-1.33  |
| TEMPLE___115KV_TB 2<br>55572             | 6.51<br>-0.04<br>-1.45  | 6.25<br>-0.06<br>-1.23  | 6.12<br>-0.05<br>-1.08  | 6.03<br>-0.04<br>-0.99  | 5.63<br>-0.04<br>-1.09  | 5.59<br>-0.04<br>-1.06  | 6.18<br>-0.05<br>-1.14  | 6.17<br>-0.04<br>-1.12  | 7.56<br>-0.06<br>-0.90  | 7.15<br>-0.04<br>-0.77  | 7.84<br>-0.04<br>-0.73  | 6.07<br>-0.03<br>-0.92  | 6.09<br>-0.03<br>-0.94  | 5.98<br>-0.04<br>-0.93  | 5.87<br>-0.04<br>-0.81  | 6.12<br>-0.03<br>-1.05  | 6.46<br>-0.03<br>-1.37  | 9.13<br>-0.02<br>-1.63  | 8.99<br>-0.04<br>-2.01  | 13.18<br>-0.07<br>-1.75 | 13.39<br>-0.07<br>-1.81 | 11.58<br>-0.06<br>-1.31 | 11.30<br>-0.05<br>-1.00 | 9.61<br>-0.03<br>-0.89  |
| TIANA____69_KV_BK 1<br>55817             | 26.90<br>0.62<br>-21.19 | 24.19<br>0.58<br>-18.52 | 24.40<br>0.58<br>-18.73 | 20.82<br>0.54<br>-15.20 | 21.00<br>0.49<br>-15.93 | 21.07<br>0.50<br>-16.00 | 22.71<br>0.61<br>-17.02 | 18.56<br>0.59<br>-12.88 | 20.09<br>0.88<br>-12.49 | 17.56<br>0.83<br>-10.30 | 18.29<br>0.87<br>-10.26 | 18.26<br>0.63<br>-12.46 | 18.58<br>0.64<br>-12.76 | 18.82<br>0.65<br>-13.08 | 18.89<br>0.64<br>-13.15 | 21.24<br>0.66<br>-15.48 | 25.41<br>0.68<br>-19.62 | 28.43<br>1.09<br>-19.82 | 29.38<br>0.99<br>-21.37 | 31.44<br>1.55<br>-18.39 | 34.55<br>1.49<br>-21.41 | 30.12<br>1.32<br>-18.46 | 26.34<br>1.46<br>-14.52 | 20.93<br>1.12<br>-11.07 |
| TILDEN___115KV_TB1<br>80814              | 6.73<br>-0.03<br>-1.67  | 6.45<br>-0.05<br>-1.41  | 6.29<br>-0.04<br>-1.24  | 6.18<br>-0.03<br>-1.13  | 5.79<br>-0.03<br>-1.25  | 5.75<br>-0.04<br>-1.22  | 6.36<br>-0.04<br>-1.31  | 6.35<br>-0.03<br>-1.28  | 7.71<br>-0.05<br>-1.03  | 7.28<br>-0.03<br>-0.88  | 7.97<br>-0.03<br>-0.84  | 6.21<br>-0.02<br>-1.06  | 6.24<br>-0.02<br>-1.08  | 6.13<br>-0.04<br>-1.06  | 5.99<br>-0.04<br>-0.93  | 6.29<br>-0.02<br>-1.21  | 6.67<br>-0.02<br>-1.58  | 9.39<br>-0.01<br>-1.87  | 9.30<br>-0.02<br>-2.30  | 13.47<br>-0.05<br>-2.01 | 13.70<br>-0.03<br>-2.08 | 11.81<br>-0.03<br>-1.51 | 11.48<br>-0.02<br>-1.15 | 9.76<br>-0.01<br>-1.03  |
| TRIGEN___CC<br>323695                    | 26.75<br>0.46<br>-21.19 | 24.06<br>0.45<br>-18.52 | 24.26<br>0.44<br>-18.73 | 20.70<br>0.43<br>-15.20 | 20.89<br>0.38<br>-15.93 | 20.94<br>0.37<br>-16.00 | 22.58<br>0.47<br>-17.02 | 18.45<br>0.48<br>-12.88 | 19.92<br>0.71<br>-12.49 | 17.41<br>0.68<br>-10.30 | 18.17<br>0.75<br>-10.26 | 18.17<br>0.54<br>-12.46 | 18.49<br>0.55<br>-12.76 | 18.71<br>0.54<br>-13.08 | 18.80<br>0.55<br>-13.15 | 21.12<br>0.54<br>-15.48 | 25.30<br>0.57<br>-19.62 | 28.17<br>0.83<br>-19.82 | 29.14<br>0.75<br>-21.37 | 31.07<br>1.18<br>-18.39 | 34.26<br>1.20<br>-21.40 | 29.84<br>1.05<br>-18.46 | 25.94<br>1.08<br>-14.51 | 20.70<br>0.88<br>-11.07 |
| TRINITY__115KV__ 4 BK<br>55933           | 24.54<br>0.09<br>-19.36 | 21.55<br>0.09<br>-16.38 | 19.59<br>0.10<br>-14.41 | 18.37<br>0.15<br>-13.14 | 19.24<br>0.13<br>-14.54 | 18.87<br>0.13<br>-14.17 | 20.27<br>0.17<br>-15.01 | 19.97<br>0.17<br>-14.70 | 18.74<br>0.22<br>-11.79 | 16.76<br>0.21<br>-10.13 | 16.97<br>0.24<br>-9.58  | 17.47<br>0.17<br>-12.13 | 17.70<br>0.17<br>-12.36 | 17.45<br>0.16<br>-12.19 | 15.90<br>0.16<br>-10.64 | 19.09<br>0.16<br>-13.83 | 23.34<br>0.15<br>-18.08 | 29.17<br>0.20<br>-21.45 | 33.31<br>0.19<br>-26.10 | 34.44<br>0.30<br>-22.64 | 35.24<br>0.30<br>-23.29 | 27.87<br>0.28<br>-17.26 | 23.78<br>0.32<br>-13.11 | 20.73<br>0.25<br>-11.74 |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| UNION___PROCESSING_DRP<br>323587              | 7.04<br>0.06<br>-1.88   | 6.68<br>0.01<br>-1.59   | 6.53<br>0.05<br>-1.40   | 6.42<br>0.06<br>-1.28   | 6.03<br>0.05<br>-1.41   | 5.99<br>0.04<br>-1.38   | 6.60<br>0.04<br>-1.48   | 6.58<br>0.04<br>-1.45   | 7.90<br>0.01<br>-1.16   | 7.46<br>0.04<br>-1.00   | 8.17<br>0.06<br>-0.94   | 6.42<br>0.06<br>-1.20   | 6.45<br>0.06<br>-1.22   | 6.34<br>0.04<br>-1.20   | 6.19<br>0.04<br>-1.05   | 6.53<br>0.06<br>-1.36   | 6.94<br>0.05<br>-1.78   | 9.72<br>0.08<br>-2.11   | 9.67<br>0.05<br>-2.60   | 13.74<br>-0.03<br>-2.27 | 13.96<br>-0.03<br>-2.35 | 12.04<br>0.01<br>-1.70  | 11.72<br>0.07<br>-1.29  | 9.99<br>0.10<br>-1.16   |
| UPPER HUDSON___HYD<br>24058                   | 25.43<br>0.08<br>-20.26 | 22.29<br>0.07<br>-17.14 | 20.22<br>0.06<br>-15.07 | 18.87<br>0.04<br>-13.75 | 19.84<br>0.06<br>-15.21 | 19.46<br>0.06<br>-14.83 | 21.03<br>0.10<br>-15.85 | 20.67<br>0.06<br>-15.52 | 19.50<br>0.33<br>-12.45 | 17.41<br>0.30<br>-10.69 | 17.58<br>0.31<br>-10.11 | 18.22<br>0.24<br>-12.80 | 18.45<br>0.23<br>-13.04 | 18.18<br>0.22<br>-12.86 | 16.51<br>0.18<br>-11.23 | 19.89<br>0.19<br>-14.60 | 24.28<br>0.09<br>-19.08 | 30.32<br>0.16<br>-22.64 | 34.76<br>0.16<br>-27.58 | 35.74<br>0.30<br>-23.94 | 36.61<br>0.33<br>-24.63 | 28.83<br>0.29<br>-18.21 | 24.47<br>0.28<br>-13.83 | 21.27<br>0.14<br>-12.39 |
| UPPER RAQUET___HYD<br>24056                   | 4.80<br>-0.30<br>0.00   | 4.80<br>-0.28<br>0.00   | 4.85<br>-0.23<br>0.00   | 4.85<br>-0.23<br>0.00   | 4.37<br>-0.20<br>0.00   | 4.38<br>-0.19<br>0.00   | 4.84<br>-0.24<br>0.00   | 4.86<br>-0.23<br>0.00   | 6.40<br>-0.32<br>0.00   | 6.08<br>-0.35<br>0.00   | 6.76<br>-0.40<br>0.00   | 4.87<br>-0.31<br>0.00   | 4.86<br>-0.32<br>0.00   | 4.81<br>-0.29<br>0.00   | 4.79<br>-0.31<br>0.00   | 4.80<br>-0.31<br>0.00   | 4.80<br>-0.31<br>0.00   | 7.04<br>-0.48<br>0.00   | 6.61<br>-0.41<br>0.00   | 10.91<br>-0.59<br>0.00  | 11.06<br>-0.59<br>0.00  | 9.79<br>-0.54<br>0.00   | 9.77<br>-0.58<br>0.00   | 8.27<br>-0.47<br>0.00   |
| VALLEY44_115KV_TB2<br>355964                  | 7.78<br>-0.02<br>-2.71  | 7.30<br>-0.07<br>-2.29  | 7.07<br>-0.04<br>-2.02  | 6.91<br>-0.01<br>-1.84  | 6.59<br>-0.02<br>-2.03  | 6.54<br>-0.01<br>-1.98  | 7.20<br>-0.02<br>-2.13  | 7.17<br>-0.01<br>-2.08  | 8.35<br>-0.05<br>-1.67  | 7.85<br>-0.01<br>-1.44  | 8.51<br>-0.01<br>-1.36  | 6.92<br>0.03<br>-1.72   | 6.96<br>0.03<br>-1.75   | 6.84<br>0.01<br>-1.73   | 6.61<br>0.01<br>-1.51   | 7.10<br>0.04<br>-1.96   | 7.70<br>0.03<br>-2.56   | 10.60<br>0.04<br>-3.04  | 10.78<br>0.01<br>-3.74  | 14.68<br>-0.09<br>-3.27 | 14.88<br>-0.15<br>-3.38 | 12.73<br>-0.05<br>-2.45 | 12.22<br>0.01<br>-1.86  | 10.45<br>0.04<br>-1.67  |
| VALLEY___115KV_TB 1-4<br>80826                | 5.03<br>-0.07<br>0.00   | 5.03<br>-0.06<br>0.00   | 5.04<br>-0.05<br>0.00   | 5.05<br>-0.04<br>0.00   | 4.54<br>-0.04<br>0.00   | 4.53<br>-0.04<br>0.00   | 5.04<br>-0.05<br>0.00   | 5.06<br>-0.04<br>0.00   | 6.66<br>-0.07<br>0.00   | 6.35<br>-0.07<br>0.00   | 7.07<br>-0.09<br>0.00   | 5.10<br>-0.07<br>0.00   | 5.10<br>-0.08<br>0.00   | 5.00<br>-0.10<br>0.00   | 4.99<br>-0.11<br>0.00   | 4.99<br>-0.11<br>0.00   | 5.01<br>-0.11<br>0.00   | 7.36<br>-0.16<br>0.00   | 6.89<br>-0.13<br>0.00   | 11.32<br>-0.18<br>0.00  | 11.48<br>-0.17<br>0.00  | 10.20<br>-0.13<br>0.00  | 10.23<br>-0.12<br>0.00  | 8.69<br>-0.05<br>0.00   |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E<br>345011 | 10.70<br>0.26<br>-5.34  | 9.85<br>0.24<br>-4.52   | 9.31<br>0.25<br>-3.98   | 8.93<br>0.22<br>-3.63   | 8.78<br>0.19<br>-4.01   | 8.67<br>0.19<br>-3.91   | 9.50<br>0.23<br>-4.19   | 9.42<br>0.23<br>-4.10   | 10.36<br>0.35<br>-3.29  | 9.59<br>0.35<br>-2.82   | 10.19<br>0.37<br>-2.67  | 8.81<br>0.26<br>-3.38   | 8.88<br>0.26<br>-3.44   | 8.72<br>0.22<br>-3.40   | 8.29<br>0.23<br>-2.97   | 9.19<br>0.23<br>-3.85   | 10.40<br>0.25<br>-5.04  | 13.87<br>0.38<br>-5.98  | 14.74<br>0.37<br>-7.35  | 18.56<br>0.64<br>-6.42  | 18.95<br>0.66<br>-6.63  | 15.70<br>0.56<br>-4.81  | 14.56<br>0.56<br>-3.65  | 12.44<br>0.43<br>-3.27  |
| VISCHER___FERRY HYD<br>24020                  | 24.98<br>0.17<br>-19.71 | 21.92<br>0.16<br>-16.68 | 19.92<br>0.17<br>-14.67 | 18.63<br>0.17<br>-13.38 | 19.53<br>0.16<br>-14.80 | 19.16<br>0.16<br>-14.43 | 20.57<br>0.21<br>-15.28 | 20.26<br>0.20<br>-14.96 | 19.04<br>0.31<br>-12.00 | 17.01<br>0.28<br>-10.30 | 17.22<br>0.31<br>-9.74  | 17.74<br>0.23<br>-12.34 | 17.97<br>0.22<br>-12.57 | 17.72<br>0.22<br>-12.40 | 16.14<br>0.22<br>-10.83 | 19.39<br>0.22<br>-14.07 | 23.72<br>0.21<br>-18.39 | 29.66<br>0.32<br>-21.82 | 33.79<br>0.30<br>-26.47 | 34.92<br>0.49<br>-22.92 | 35.70<br>0.50<br>-23.54 | 28.34<br>0.45<br>-17.56 | 24.16<br>0.48<br>-13.34 | 21.04<br>0.36<br>-11.94 |
| V_A_10_SYNC_DSASP<br>323832                   | 7.16<br>0.00<br>-2.07   | 6.79<br>-0.04<br>-1.75  | 6.62<br>0.00<br>-1.54   | 6.51<br>0.03<br>-1.40   | 6.14<br>0.02<br>-1.55   | 6.10<br>0.02<br>-1.51   | 6.72<br>0.01<br>-1.62   | 6.70<br>0.02<br>-1.59   | 7.96<br>-0.05<br>-1.28  | 7.53<br>0.01<br>-1.10   | 8.22<br>0.02<br>-1.04   | 6.52<br>0.04<br>-1.31   | 6.56<br>0.05<br>-1.34   | 6.44<br>0.03<br>-1.32   | 6.27<br>0.03<br>-1.15   | 6.63<br>0.03<br>-1.50   | 7.11<br>0.04<br>-1.96   | 9.89<br>0.05<br>-2.32   | 9.88<br>0.01<br>-2.85   | 13.83<br>-0.16<br>-2.49 | 14.03<br>-0.20<br>-2.57 | 12.07<br>-0.12<br>-1.87 | 11.75<br>-0.02<br>-1.42 | 10.05<br>0.04<br>-1.27  |
| V_CMM_10_SYNC_DSASP<br>323787                 | 4.96<br>-0.13<br>0.00   | 4.96<br>-0.12<br>0.00   | 4.97<br>-0.11<br>0.00   | 4.96<br>-0.12<br>0.00   | 4.48<br>-0.10<br>0.00   | 4.48<br>-0.09<br>0.00   | 4.97<br>-0.11<br>0.00   | 4.97<br>-0.12<br>0.00   | 6.56<br>-0.17<br>0.00   | 6.24<br>-0.18<br>0.00   | 6.96<br>-0.20<br>0.00   | 5.02<br>-0.15<br>0.00   | 5.02<br>-0.16<br>0.00   | 4.96<br>-0.13<br>0.00   | 4.96<br>-0.14<br>0.00   | 4.96<br>-0.14<br>0.00   | 4.95<br>-0.16<br>0.00   | 7.27<br>-0.25<br>0.00   | 6.80<br>-0.22<br>0.00   | 11.17<br>-0.33<br>0.00  | 11.32<br>-0.34<br>0.00  | 10.03<br>-0.30<br>0.00  | 10.03<br>-0.32<br>0.00  | 8.48<br>-0.26<br>0.00   |
| V_CMP_10_SYNC_DSASP<br>323788                 | 5.11<br>0.02<br>0.00    | 5.13<br>0.05<br>0.00    | 5.14<br>0.05<br>0.00    | 5.10<br>0.02<br>0.00    | 4.61<br>0.03<br>0.00    | 4.61<br>0.04<br>0.00    | 5.14<br>0.06<br>0.00    | 5.14<br>0.05<br>0.00    | 6.79<br>0.07<br>0.00    | 6.42<br>0.00<br>0.00    | 7.14<br>-0.02<br>0.00   | 5.12<br>-0.05<br>0.00   | 5.09<br>-0.09<br>0.00   | 5.04<br>-0.06<br>0.00   | 5.03<br>-0.07<br>0.00   | 5.01<br>-0.09<br>0.00   | 5.00<br>-0.11<br>0.00   | 7.34<br>-0.18<br>0.00   | 6.90<br>-0.12<br>0.00   | 11.41<br>-0.09<br>0.00  | 11.55<br>-0.11<br>0.00  | 10.20<br>-0.13<br>0.00  | 10.19<br>-0.17<br>0.00  | 8.57<br>-0.17<br>0.00   |
| V_E_10_SYNC_DSASP<br>323830                   | 9.56<br>0.35<br>-4.12   | 8.90<br>0.33<br>-3.48   | 8.49<br>0.34<br>-3.06   | 8.24<br>0.37<br>-2.80   | 7.97<br>0.31<br>-3.09   | 7.88<br>0.30<br>-3.01   | 8.62<br>0.31<br>-3.23   | 8.60<br>0.35<br>-3.17   | 9.66<br>0.40<br>-2.54   | 8.94<br>0.34<br>-2.18   | 9.53<br>0.31<br>-2.06   | 7.99<br>0.21<br>-2.61   | 8.05<br>0.22<br>-2.66   | 7.86<br>0.14<br>-2.62   | 7.53<br>0.14<br>-2.29   | 8.24<br>0.16<br>-2.98   | 9.20<br>0.20<br>-3.89   | 12.50<br>0.36<br>-4.62  | 13.12<br>0.42<br>-5.68  | 17.32<br>0.86<br>-4.96  | 17.71<br>0.93<br>-5.12  | 14.80<br>0.75<br>-3.71  | 13.91<br>0.74<br>-2.82  | 11.95<br>0.68<br>-2.53  |
| V_F_30_NSYNC___DSASP<br>323816                | 25.48<br>0.20<br>-20.18 | 22.35<br>0.20<br>-17.07 | 20.30<br>0.20<br>-15.02 | 18.96<br>0.18<br>-13.70 | 19.90<br>0.18<br>-15.15 | 19.52<br>0.18<br>-14.77 | 21.08<br>0.22<br>-15.77 | 20.73<br>0.20<br>-15.44 | 19.48<br>0.36<br>-12.39 | 17.39<br>0.33<br>-10.63 | 17.58<br>0.36<br>-10.06 | 18.18<br>0.27<br>-12.74 | 18.42<br>0.26<br>-12.98 | 18.15<br>0.25<br>-12.80 | 16.51<br>0.24<br>-11.18 | 19.86<br>0.24<br>-14.52 | 24.32<br>0.22<br>-18.98 | 30.39<br>0.35<br>-22.53 | 34.77<br>0.33<br>-27.42 | 35.85<br>0.55<br>-23.80 | 36.70<br>0.57<br>-24.48 | 28.97<br>0.52<br>-18.12 | 24.64<br>0.53<br>-13.76 | 21.44<br>0.38<br>-12.32 |
| V_F_30_SYNC_DSASP<br>323786                   | 24.73<br>0.10<br>-19.54 | 21.71<br>0.10<br>-16.53 | 19.74<br>0.11<br>-14.54 | 18.51<br>0.16<br>-13.26 | 19.38<br>0.14<br>-14.67 | 19.01<br>0.14<br>-14.30 | 20.42<br>0.18<br>-15.16 | 20.12<br>0.18<br>-14.84 | 18.87<br>0.24<br>-11.91 | 16.86<br>0.22<br>-10.22 | 17.08<br>0.25<br>-9.67  | 17.60<br>0.18<br>-12.25 | 17.83<br>0.18<br>-12.47 | 17.58<br>0.18<br>-12.30 | 16.01<br>0.17<br>-10.74 | 19.23<br>0.17<br>-13.96 | 23.52<br>0.16<br>-18.25 | 29.39<br>0.22<br>-21.65 | 33.57<br>0.20<br>-26.34 | 34.69<br>0.33<br>-22.86 | 35.49<br>0.33<br>-23.51 | 28.06<br>0.31<br>-17.42 | 23.92<br>0.34<br>-13.23 | 20.86<br>0.27<br>-11.85 |
| V_XM_10_SYNC_DSASP<br>323789                  | 5.11<br>0.02<br>0.00    | 5.13<br>0.05<br>0.00    | 5.14<br>0.05<br>0.00    | 5.10<br>0.02<br>0.00    | 4.61<br>0.03<br>0.00    | 4.61<br>0.04<br>0.00    | 5.14<br>0.06<br>0.00    | 5.14<br>0.05<br>0.00    | 6.79<br>0.07<br>0.00    | 6.42<br>0.00<br>0.00    | 7.14<br>-0.02<br>0.00   | 5.12<br>-0.05<br>0.00   | 5.09<br>-0.09<br>0.00   | 5.04<br>-0.06<br>0.00   | 5.03<br>-0.07<br>0.00   | 5.01<br>-0.09<br>0.00   | 5.00<br>-0.11<br>0.00   | 7.34<br>-0.18<br>0.00   | 6.90<br>-0.12<br>0.00   | 11.41<br>-0.09<br>0.00  | 11.55<br>-0.11<br>0.00  | 10.20<br>-0.13<br>0.00  | 10.19<br>-0.17<br>0.00  | 8.57<br>-0.17<br>0.00   |
| W.NYACK_69_KV_BK 521_REV_LBMP_G<br>345027     | 20.34<br>0.38<br>-14.87 | 18.02<br>0.36<br>-12.58 | 16.50<br>0.36<br>-11.06 | 15.52<br>0.35<br>-10.09 | 16.04<br>0.31<br>-11.16 | 15.75<br>0.30<br>-10.88 | 16.83<br>0.38<br>-11.36 | 16.61<br>0.40<br>-11.13 | 16.22<br>0.57<br>-8.92  | 14.64<br>0.56<br>-7.66  | 15.03<br>0.63<br>-7.25  | 14.81<br>0.46<br>-9.18  | 15.00<br>0.47<br>-9.35  | 14.77<br>0.45<br>-9.22  | 13.61<br>0.46<br>-8.05  | 16.03<br>0.46<br>-10.46 | 19.29<br>0.50<br>-13.68 | 24.48<br>0.73<br>-16.23 | 27.79<br>0.67<br>-20.10 | 30.18<br>1.05<br>-17.63 | 30.97<br>1.05<br>-18.27 | 24.32<br>0.93<br>-13.06 | 21.17<br>0.90<br>-9.92  | 18.36<br>0.74<br>-8.88  |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| W49TH_ST_138_KV_38M43_REV_LBMP_J<br>345008 | 21.00<br>0.40<br>-15.50 | 18.58<br>0.39<br>-13.11 | 17.00<br>0.38<br>-11.54 | 15.97<br>0.37<br>-10.52 | 16.54<br>0.32<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.11<br>0.43<br>-11.59 | 16.65<br>0.62<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.24<br>0.50<br>-9.57  | 15.44<br>0.51<br>-9.75  | 15.21<br>0.49<br>-9.62  | 14.01<br>0.51<br>-8.40  | 16.52<br>0.51<br>-10.91 | 19.91<br>0.53<br>-14.27 | 25.23<br>0.78<br>-16.93 | 28.68<br>0.70<br>-20.96 | 31.00<br>1.12<br>-18.38 | 31.83<br>1.13<br>-19.05 | 24.91<br>0.97<br>-13.61 | 21.65<br>0.96<br>-10.33 | 18.80<br>0.80<br>-9.25  |
| W50THST__13_KV_LOAD<br>356117              | 21.03<br>0.43<br>-15.50 | 18.61<br>0.42<br>-13.11 | 17.02<br>0.40<br>-11.54 | 15.99<br>0.39<br>-10.52 | 16.56<br>0.34<br>-11.64 | 16.25<br>0.34<br>-11.35 | 17.35<br>0.42<br>-11.84 | 17.14<br>0.45<br>-11.59 | 16.68<br>0.65<br>-9.30  | 15.05<br>0.64<br>-7.99  | 15.44<br>0.73<br>-7.55  | 15.26<br>0.53<br>-9.57  | 15.47<br>0.54<br>-9.75  | 15.24<br>0.52<br>-9.62  | 14.03<br>0.54<br>-8.40  | 16.55<br>0.54<br>-10.91 | 19.94<br>0.56<br>-14.27 | 25.27<br>0.83<br>-16.93 | 28.72<br>0.74<br>-20.96 | 31.05<br>1.17<br>-18.38 | 31.89<br>1.19<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.70<br>1.01<br>-10.33 | 18.84<br>0.85<br>-9.25  |
| WADING RIVER_IC_1<br>23522                 | 26.83<br>0.55<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.76<br>0.48<br>-15.20 | 20.95<br>0.44<br>-15.93 | 21.02<br>0.45<br>-16.00 | 22.65<br>0.55<br>-17.02 | 18.49<br>0.52<br>-12.88 | 20.01<br>0.79<br>-12.49 | 17.46<br>0.73<br>-10.30 | 18.18<br>0.77<br>-10.26 | 18.18<br>0.55<br>-12.46 | 18.50<br>0.56<br>-12.76 | 18.75<br>0.58<br>-13.08 | 18.82<br>0.57<br>-13.15 | 21.16<br>0.58<br>-15.48 | 25.34<br>0.61<br>-19.62 | 28.31<br>0.97<br>-19.82 | 29.27<br>0.88<br>-21.37 | 31.26<br>1.37<br>-18.39 | 34.36<br>1.29<br>-21.41 | 29.94<br>1.15<br>-18.46 | 26.19<br>1.31<br>-14.52 | 20.82<br>1.00<br>-11.07 |
| WADING RIVER_IC_2<br>23547                 | 26.83<br>0.55<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.76<br>0.48<br>-15.20 | 20.95<br>0.44<br>-15.93 | 21.02<br>0.45<br>-16.00 | 22.65<br>0.55<br>-17.02 | 18.49<br>0.52<br>-12.88 | 20.01<br>0.79<br>-12.49 | 17.46<br>0.73<br>-10.30 | 18.18<br>0.77<br>-10.26 | 18.18<br>0.55<br>-12.46 | 18.50<br>0.56<br>-12.76 | 18.75<br>0.58<br>-13.08 | 18.82<br>0.57<br>-13.15 | 21.16<br>0.58<br>-15.48 | 25.34<br>0.61<br>-19.62 | 28.31<br>0.97<br>-19.82 | 29.27<br>0.88<br>-21.37 | 31.26<br>1.37<br>-18.39 | 34.36<br>1.29<br>-21.41 | 29.94<br>1.15<br>-18.46 | 26.19<br>1.31<br>-14.52 | 20.82<br>1.00<br>-11.07 |
| WADING RIVER_IC_3<br>23601                 | 26.83<br>0.55<br>-21.19 | 24.12<br>0.52<br>-18.52 | 24.33<br>0.51<br>-18.73 | 20.76<br>0.48<br>-15.20 | 20.95<br>0.44<br>-15.93 | 21.02<br>0.45<br>-16.00 | 22.65<br>0.55<br>-17.02 | 18.49<br>0.52<br>-12.88 | 20.01<br>0.79<br>-12.49 | 17.46<br>0.73<br>-10.30 | 18.18<br>0.77<br>-10.26 | 18.18<br>0.55<br>-12.46 | 18.50<br>0.56<br>-12.76 | 18.75<br>0.58<br>-13.08 | 18.82<br>0.57<br>-13.15 | 21.16<br>0.58<br>-15.48 | 25.34<br>0.61<br>-19.62 | 28.31<br>0.97<br>-19.82 | 29.27<br>0.88<br>-21.37 | 31.26<br>1.37<br>-18.39 | 34.36<br>1.29<br>-21.41 | 29.94<br>1.15<br>-18.46 | 26.19<br>1.31<br>-14.52 | 20.82<br>1.00<br>-11.07 |
| WALDENNY_12_KV_BK2<br>80841                | 7.54<br>0.03<br>-2.42   | 7.10<br>-0.03<br>-2.05  | 6.90<br>0.02<br>-1.80   | 6.77<br>0.05<br>-1.64   | 6.42<br>0.03<br>-1.82   | 6.37<br>0.03<br>-1.77   | 7.01<br>0.02<br>-1.90   | 6.98<br>0.03<br>-1.86   | 8.21<br>-0.01<br>-1.49  | 7.74<br>0.03<br>-1.28   | 8.41<br>0.04<br>-1.21   | 6.78<br>0.07<br>-1.53   | 6.81<br>0.07<br>-1.56   | 6.69<br>0.05<br>-1.54   | 6.49<br>0.05<br>-1.35   | 6.93<br>0.08<br>-1.75   | 7.46<br>0.06<br>-2.29   | 10.32<br>0.09<br>-2.71  | 10.43<br>0.06<br>-3.34  | 14.34<br>-0.08<br>-2.92 | 14.52<br>-0.15<br>-3.01 | 12.47<br>-0.05<br>-2.19 | 12.06<br>0.05<br>-1.66  | 10.34<br>0.11<br>-1.49  |
| WALDEN__HYDRO<br>24148                     | 20.38<br>0.36<br>-14.93 | 18.05<br>0.34<br>-12.63 | 16.53<br>0.34<br>-11.11 | 15.54<br>0.33<br>-10.13 | 16.06<br>0.28<br>-11.21 | 15.77<br>0.28<br>-10.93 | 16.86<br>0.36<br>-11.41 | 16.64<br>0.37<br>-11.18 | 16.20<br>0.51<br>-8.97  | 14.62<br>0.50<br>-7.70  | 15.00<br>0.56<br>-7.28  | 14.80<br>0.40<br>-9.22  | 14.98<br>0.41<br>-9.39  | 14.75<br>0.39<br>-9.26  | 13.59<br>0.41<br>-8.09  | 16.02<br>0.41<br>-10.51 | 19.30<br>0.45<br>-13.74 | 24.49<br>0.67<br>-16.30 | 27.81<br>0.62<br>-20.17 | 30.17<br>1.00<br>-17.67 | 30.95<br>0.99<br>-18.30 | 24.34<br>0.89<br>-13.12 | 21.17<br>0.86<br>-9.96  | 18.36<br>0.70<br>-8.92  |
| WARRENSBURG____<br>23737                   | 25.43<br>0.08<br>-20.26 | 22.29<br>0.07<br>-17.14 | 20.22<br>0.06<br>-15.07 | 18.87<br>0.04<br>-13.75 | 19.84<br>0.06<br>-15.21 | 19.46<br>0.06<br>-14.83 | 21.03<br>0.10<br>-15.85 | 20.67<br>0.06<br>-15.52 | 19.50<br>0.33<br>-12.45 | 17.41<br>0.30<br>-10.69 | 17.58<br>0.31<br>-10.11 | 18.22<br>0.24<br>-12.80 | 18.45<br>0.23<br>-13.04 | 18.18<br>0.22<br>-12.86 | 16.51<br>0.18<br>-11.23 | 19.89<br>0.19<br>-14.60 | 24.28<br>0.09<br>-19.08 | 30.32<br>0.16<br>-22.64 | 34.76<br>0.16<br>-27.58 | 35.74<br>0.30<br>-23.94 | 36.61<br>0.33<br>-24.63 | 28.83<br>0.29<br>-18.21 | 24.47<br>0.28<br>-13.83 | 21.27<br>0.14<br>-12.39 |
| WATERSIDE____6 8 9<br>23538                | 21.02<br>0.41<br>-15.51 | 18.60<br>0.40<br>-13.12 | 17.02<br>0.39<br>-11.54 | 15.99<br>0.38<br>-10.53 | 16.55<br>0.33<br>-11.64 | 16.23<br>0.32<br>-11.35 | 17.32<br>0.39<br>-11.84 | 17.10<br>0.42<br>-11.60 | 16.63<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.40<br>0.69<br>-7.55  | 15.23<br>0.50<br>-9.57  | 15.45<br>0.51<br>-9.76  | 15.22<br>0.49<br>-9.63  | 14.02<br>0.51<br>-8.41  | 16.53<br>0.51<br>-10.92 | 19.93<br>0.54<br>-14.28 | 25.25<br>0.80<br>-16.94 | 28.69<br>0.72<br>-20.96 | 31.01<br>1.13<br>-18.38 | 31.85<br>1.14<br>-19.05 | 24.92<br>0.98<br>-13.61 | 21.66<br>0.97<br>-10.34 | 18.83<br>0.82<br>-9.26  |
| WATKINRD_115KV_LN8_ILLION<br>55919         | 5.06<br>-0.03<br>0.00   | 5.05<br>-0.03<br>0.00   | 5.06<br>-0.03<br>0.00   | 5.07<br>-0.02<br>0.00   | 4.56<br>-0.02<br>0.00   | 4.55<br>-0.02<br>0.00   | 5.06<br>-0.03<br>0.00   | 5.07<br>-0.02<br>0.00   | 6.69<br>-0.03<br>0.00   | 6.39<br>-0.03<br>0.00   | 7.11<br>-0.04<br>0.00   | 5.13<br>-0.04<br>0.00   | 5.14<br>-0.04<br>0.00   | 5.05<br>-0.05<br>0.00   | 5.04<br>-0.06<br>0.00   | 5.05<br>-0.05<br>0.00   | 5.06<br>-0.05<br>0.00   | 7.44<br>-0.08<br>0.00   | 6.96<br>-0.06<br>0.00   | 11.42<br>-0.08<br>0.00  | 11.58<br>-0.07<br>0.00  | 10.28<br>-0.05<br>0.00  | 10.30<br>-0.05<br>0.00  | 8.72<br>-0.02<br>0.00   |
| WATSON____69_KV_BK 1<br>55734              | 26.87<br>0.59<br>-21.19 | 24.17<br>0.56<br>-18.52 | 24.37<br>0.55<br>-18.73 | 20.82<br>0.54<br>-15.20 | 20.99<br>0.48<br>-15.93 | 21.05<br>0.48<br>-16.00 | 22.69<br>0.59<br>-17.02 | 18.55<br>0.58<br>-12.88 | 20.07<br>0.85<br>-12.49 | 17.54<br>0.82<br>-10.30 | 18.29<br>0.87<br>-10.26 | 18.25<br>0.63<br>-12.46 | 18.57<br>0.64<br>-12.76 | 18.80<br>0.62<br>-13.08 | 18.88<br>0.63<br>-13.15 | 21.22<br>0.64<br>-15.48 | 25.40<br>0.67<br>-19.62 | 28.37<br>1.02<br>-19.83 | 29.33<br>0.93<br>-21.39 | 31.37<br>1.46<br>-18.41 | 34.53<br>1.46<br>-21.42 | 30.09<br>1.28<br>-18.48 | 26.25<br>1.38<br>-14.52 | 20.90<br>1.08<br>-11.07 |
| WDELAWARE__HYD<br>323627                   | 18.00<br>0.31<br>-12.59 | 16.02<br>0.28<br>-10.65 | 14.74<br>0.28<br>-9.37  | 13.91<br>0.28<br>-8.55  | 14.26<br>0.24<br>-9.45  | 14.02<br>0.24<br>-9.22  | 15.06<br>0.29<br>-9.68  | 14.89<br>0.32<br>-9.48  | 14.75<br>0.42<br>-7.60  | 13.37<br>0.42<br>-6.53  | 13.78<br>0.45<br>-6.17  | 13.32<br>0.33<br>-7.82  | 13.48<br>0.34<br>-7.97  | 13.26<br>0.31<br>-7.86  | 12.29<br>0.33<br>-6.86  | 14.34<br>0.33<br>-8.92  | 17.14<br>0.37<br>-11.66 | 21.91<br>0.56<br>-13.83 | 24.63<br>0.53<br>-17.08 | 27.30<br>0.85<br>-14.95 | 27.97<br>0.85<br>-15.47 | 22.21<br>0.75<br>-11.13 | 19.51<br>0.70<br>-8.45  | 16.92<br>0.61<br>-7.57  |
| WEST BABYLON__IC<br>23714                  | 26.84<br>0.56<br>-21.19 | 24.14<br>0.54<br>-18.52 | 24.35<br>0.53<br>-18.73 | 20.80<br>0.52<br>-15.20 | 20.96<br>0.46<br>-15.93 | 21.02<br>0.46<br>-16.00 | 22.66<br>0.56<br>-17.02 | 18.53<br>0.56<br>-12.88 | 20.03<br>0.82<br>-12.49 | 17.51<br>0.78<br>-10.30 | 18.26<br>0.84<br>-10.26 | 18.23<br>0.60<br>-12.46 | 18.55<br>0.62<br>-12.76 | 18.77<br>0.60<br>-13.08 | 18.86<br>0.61<br>-13.15 | 21.19<br>0.61<br>-15.48 | 25.38<br>0.64<br>-19.62 | 28.31<br>0.96<br>-19.82 | 29.27<br>0.88<br>-21.38 | 31.29<br>1.39<br>-18.40 | 34.46<br>1.40<br>-21.41 | 30.03<br>1.23<br>-18.47 | 26.16<br>1.29<br>-14.52 | 20.86<br>1.04<br>-11.07 |
| WEST CANADA__HYD<br>24049                  | 5.10<br>0.01<br>0.00    | 5.08<br>0.00<br>0.00    | 5.09<br>0.00<br>0.00    | 5.09<br>0.01<br>0.00    | 4.58<br>0.00<br>0.00    | 4.57<br>0.00<br>0.00    | 5.09<br>0.00<br>0.00    | 5.10<br>0.01<br>0.00    | 6.73<br>0.01<br>0.00    | 6.44<br>0.01<br>0.00    | 7.17<br>0.01<br>0.00    | 5.18<br>0.01<br>0.00    | 5.19<br>0.01<br>0.00    | 5.10<br>0.01<br>0.00    | 5.10<br>0.01<br>0.00    | 5.11<br>0.01<br>0.00    | 5.12<br>0.01<br>0.00    | 7.54<br>0.02<br>0.00    | 7.03<br>0.01<br>0.00    | 11.52<br>0.02<br>0.00   | 11.68<br>0.02<br>0.00   | 10.35<br>0.02<br>0.00   | 10.38<br>0.03<br>0.00   | 8.77<br>0.03<br>0.00    |
| WESTERN_NY_WIND<br>24143                   | 7.32<br>0.09<br>-2.13   | 6.93<br>0.04<br>-1.80   | 6.76<br>0.09<br>-1.59   | 6.64<br>0.11<br>-1.45   | 6.27<br>0.09<br>-1.60   | 6.22<br>0.09<br>-1.56   | 6.84<br>0.08<br>-1.68   | 6.82<br>0.09<br>-1.64   | 8.05<br>0.01<br>-1.31   | 7.62<br>0.06<br>-1.13   | 8.30<br>0.08<br>-1.07   | 6.61<br>0.08<br>-1.35   | 6.64<br>0.08<br>-1.38   | 6.52<br>0.06<br>-1.36   | 6.34<br>0.06<br>-1.19   | 6.72<br>0.07<br>-1.54   | 7.21<br>0.08<br>-2.02   | 10.04<br>0.13<br>-2.39  | 10.06<br>0.10<br>-2.95  | 14.07<br>0.00<br>-2.57  | 14.30<br>-0.01<br>-2.66 | 12.31<br>0.05<br>-1.93  | 11.95<br>0.13<br>-1.46  | 10.24<br>0.18<br>-1.31  |



|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| WESTOVER___LESR<br>323668                  | 9.56<br>0.09<br>-4.38   | 8.85<br>0.06<br>-3.71   | 8.42<br>0.08<br>-3.26   | 8.15<br>0.09<br>-2.97   | 7.94<br>0.08<br>-3.29   | 7.85<br>0.07<br>-3.21   | 8.61<br>0.08<br>-3.44   | 8.55<br>0.09<br>-3.37   | 9.53<br>0.10<br>-2.70   | 8.85<br>0.11<br>-2.32   | 9.48<br>0.12<br>-2.20   | 8.05<br>0.10<br>-2.78   | 8.11<br>0.10<br>-2.83   | 7.97<br>0.08<br>-2.79   | 7.62<br>0.08<br>-2.44   | 8.37<br>0.10<br>-3.17   | 9.36<br>0.10<br>-4.15   | 12.60<br>0.17<br>-4.92  | 13.21<br>0.14<br>-6.05  | 16.99<br>0.21<br>-5.28  | 17.31<br>0.20<br>-5.46  | 14.48<br>0.20<br>-3.96  | 13.56<br>0.21<br>-3.01  | 11.62<br>0.19<br>-2.69  |
| WETHRSFD_WT_PWR<br>323626                  | 7.80<br>0.02<br>-2.69   | 7.33<br>-0.03<br>-2.27  | 7.11<br>0.02<br>-2.00   | 6.95<br>0.04<br>-1.83   | 6.62<br>0.03<br>-2.02   | 6.57<br>0.03<br>-1.97   | 7.24<br>0.04<br>-2.11   | 7.21<br>0.05<br>-2.07   | 8.39<br>0.00<br>-1.66   | 7.89<br>0.05<br>-1.42   | 8.56<br>0.06<br>-1.35   | 6.95<br>0.07<br>-1.71   | 6.99<br>0.08<br>-1.74   | 6.86<br>0.05<br>-1.71   | 6.65<br>0.05<br>-1.50   | 7.10<br>0.06<br>-1.95   | 7.72<br>0.07<br>-2.54   | 10.64<br>0.11<br>-3.02  | 10.81<br>0.08<br>-3.71  | 14.73<br>-0.01<br>-3.24 | 14.96<br>-0.05<br>-3.35 | 12.78<br>0.02<br>-2.43  | 12.30<br>0.10<br>-1.85  | 10.53<br>0.13<br>-1.65  |
| WHAVSTOR_138KV_BK127<br>55557              | 20.35<br>0.36<br>-14.90 | 18.03<br>0.34<br>-12.60 | 16.50<br>0.33<br>-11.09 | 15.52<br>0.33<br>-10.11 | 16.04<br>0.28<br>-11.19 | 15.75<br>0.28<br>-10.91 | 16.83<br>0.36<br>-11.39 | 16.62<br>0.38<br>-11.15 | 16.20<br>0.53<br>-8.94  | 14.63<br>0.53<br>-7.68  | 15.01<br>0.59<br>-7.26  | 14.80<br>0.43<br>-9.20  | 14.99<br>0.45<br>-9.37  | 14.77<br>0.43<br>-9.24  | 13.61<br>0.44<br>-8.07  | 16.03<br>0.44<br>-10.49 | 19.29<br>0.47<br>-13.71 | 24.47<br>0.68<br>-16.27 | 27.79<br>0.62<br>-20.15 | 30.15<br>0.98<br>-17.67 | 30.94<br>0.98<br>-18.31 | 24.27<br>0.86<br>-13.09 | 21.14<br>0.85<br>-9.94  | 18.34<br>0.70<br>-8.90  |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G<br>345015 | 20.35<br>0.36<br>-14.90 | 18.03<br>0.34<br>-12.60 | 16.50<br>0.33<br>-11.09 | 15.52<br>0.33<br>-10.11 | 16.04<br>0.28<br>-11.19 | 15.75<br>0.28<br>-10.91 | 16.83<br>0.36<br>-11.39 | 16.62<br>0.38<br>-11.15 | 16.20<br>0.53<br>-8.94  | 14.63<br>0.53<br>-7.68  | 15.01<br>0.59<br>-7.26  | 14.80<br>0.43<br>-9.20  | 14.99<br>0.45<br>-9.37  | 14.77<br>0.43<br>-9.24  | 13.61<br>0.44<br>-8.07  | 16.03<br>0.44<br>-10.49 | 19.29<br>0.47<br>-13.71 | 24.47<br>0.68<br>-16.27 | 27.79<br>0.62<br>-20.15 | 30.15<br>0.98<br>-17.67 | 30.94<br>0.98<br>-18.31 | 24.27<br>0.86<br>-13.09 | 21.14<br>0.85<br>-9.94  | 18.34<br>0.70<br>-8.90  |
| WHITEHAL_115KV_TB1<br>80871                | 25.51<br>0.19<br>-20.23 | 22.37<br>0.17<br>-17.11 | 20.30<br>0.16<br>-15.05 | 18.95<br>0.14<br>-13.73 | 19.92<br>0.16<br>-15.19 | 19.54<br>0.16<br>-14.81 | 21.10<br>0.20<br>-15.81 | 20.75<br>0.17<br>-15.49 | 19.61<br>0.46<br>-12.42 | 17.51<br>0.42<br>-10.67 | 17.69<br>0.44<br>-10.09 | 18.29<br>0.34<br>-12.78 | 18.50<br>0.31<br>-13.02 | 18.24<br>0.31<br>-12.84 | 16.56<br>0.25<br>-11.21 | 19.93<br>0.27<br>-14.56 | 24.34<br>0.18<br>-19.04 | 30.44<br>0.32<br>-22.59 | 34.85<br>0.32<br>-27.51 | 35.96<br>0.57<br>-23.88 | 36.85<br>0.63<br>-24.57 | 29.07<br>0.57<br>-18.18 | 24.69<br>0.54<br>-13.80 | 21.44<br>0.33<br>-12.36 |
| WHITEPLN_13_KV_LOAD<br>356215              | 20.96<br>0.39<br>-15.47 | 18.54<br>0.37<br>-13.09 | 16.97<br>0.37<br>-11.51 | 15.95<br>0.37<br>-10.50 | 16.52<br>0.33<br>-11.62 | 16.21<br>0.32<br>-11.32 | 17.29<br>0.39<br>-11.82 | 17.08<br>0.42<br>-11.57 | 16.59<br>0.58<br>-9.28  | 14.97<br>0.58<br>-7.97  | 15.35<br>0.66<br>-7.54  | 15.19<br>0.48<br>-9.55  | 15.39<br>0.49<br>-9.73  | 15.16<br>0.47<br>-9.59  | 13.95<br>0.47<br>-8.38  | 16.46<br>0.47<br>-10.88 | 19.85<br>0.51<br>-14.23 | 25.15<br>0.74<br>-16.88 | 28.61<br>0.67<br>-20.91 | 30.94<br>1.09<br>-18.35 | 31.75<br>1.08<br>-19.01 | 24.86<br>0.95<br>-13.58 | 21.61<br>0.94<br>-10.31 | 18.76<br>0.79<br>-9.24  |
| WM_FLOYD_69_KV_BK2<br>356380               | 26.85<br>0.57<br>-21.19 | 24.15<br>0.54<br>-18.52 | 24.36<br>0.54<br>-18.73 | 20.80<br>0.52<br>-15.20 | 20.98<br>0.47<br>-15.93 | 21.04<br>0.48<br>-16.00 | 22.68<br>0.57<br>-17.02 | 18.53<br>0.56<br>-12.88 | 20.05<br>0.83<br>-12.49 | 17.51<br>0.78<br>-10.30 | 18.24<br>0.82<br>-10.26 | 18.22<br>0.59<br>-12.46 | 18.54<br>0.61<br>-12.76 | 18.78<br>0.61<br>-13.08 | 18.86<br>0.61<br>-13.15 | 21.20<br>0.62<br>-15.48 | 25.37<br>0.64<br>-19.62 | 28.35<br>1.01<br>-19.82 | 29.31<br>0.92<br>-21.37 | 31.33<br>1.44<br>-18.39 | 34.46<br>1.40<br>-21.41 | 30.02<br>1.23<br>-18.46 | 26.24<br>1.37<br>-14.52 | 20.88<br>1.07<br>-11.07 |
| WOODARD__115KV_TB2<br>355635               | 6.49<br>-0.06<br>-1.46  | 6.24<br>-0.07<br>-1.23  | 6.11<br>-0.06<br>-1.08  | 6.02<br>-0.05<br>-0.99  | 5.62<br>-0.05<br>-1.09  | 5.58<br>-0.05<br>-1.07  | 6.17<br>-0.06<br>-1.14  | 6.16<br>-0.05<br>-1.12  | 7.54<br>-0.08<br>-0.90  | 7.13<br>-0.06<br>-0.77  | 7.82<br>-0.06<br>-0.73  | 6.05<br>-0.05<br>-0.92  | 6.08<br>-0.04<br>-0.94  | 5.96<br>-0.06<br>-0.93  | 5.85<br>-0.06<br>-0.81  | 6.11<br>-0.05<br>-1.05  | 6.44<br>-0.05<br>-1.38  | 9.11<br>-0.05<br>-1.63  | 8.97<br>-0.06<br>-2.01  | 13.14<br>-0.11<br>-1.76 | 13.36<br>-0.10<br>-1.81 | 11.55<br>-0.09<br>-1.31 | 11.27<br>-0.08<br>-1.00 | 9.58<br>-0.05<br>-0.89  |
| YORK___WARBASSE<br>23770                   | 21.04<br>0.44<br>-15.51 | 18.62<br>0.42<br>-13.12 | 17.04<br>0.41<br>-11.54 | 16.01<br>0.40<br>-10.53 | 16.57<br>0.35<br>-11.64 | 16.24<br>0.32<br>-11.35 | 17.33<br>0.40<br>-11.84 | 17.11<br>0.42<br>-11.60 | 16.64<br>0.61<br>-9.30  | 15.02<br>0.61<br>-7.99  | 15.41<br>0.70<br>-7.55  | 15.24<br>0.51<br>-9.57  | 15.46<br>0.52<br>-9.76  | 15.23<br>0.50<br>-9.63  | 14.03<br>0.52<br>-8.41  | 16.55<br>0.53<br>-10.92 | 19.95<br>0.56<br>-14.28 | 25.29<br>0.83<br>-16.94 | 28.72<br>0.74<br>-20.96 | 31.06<br>1.17<br>-18.38 | 31.88<br>1.18<br>-19.05 | 24.96<br>1.02<br>-13.61 | 21.71<br>1.02<br>-10.34 | 18.88<br>0.87<br>-9.26  |