

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

04/24/2022

| 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     | 55.20  | 53.53  | 52.11  | 51.53  | 51.55  | 52.21  | 54.08  | 56.03  | 56.16  | 56.04  | 54.04  | 54.94  | 53.22  | 51.69  | 51.53  | 51.69  | 53.78  | 58.05  | 65.27  | 70.87  | 73.82  | 63.00  | 54.92  | 54.02  |
| 24138                | 0.46   | 0.43   | 0.34   | 0.33   | 0.34   | 0.44   | 0.46   | 0.43   | 0.66   | 0.61   | 0.60   | 0.69   | 0.73   | 0.78   | 0.72   | 0.77   | 0.81   | 0.80   | 0.81   | 0.82   | 0.82   | 0.82   | 0.54   | 0.50   |
|                      | -49.60 | -47.96 | -47.70 | -47.14 | -47.14 | -46.62 | -48.50 | -50.67 | -48.32 | -48.69 | -46.96 | -46.92 | -44.91 | -42.98 | -43.59 | -43.00 | -45.04 | -49.30 | -56.54 | -62.13 | -65.07 | -54.27 | -49.02 | -48.38 |
| 74TH STREET_GT_1     | 55.21  | 53.55  | 52.12  | 51.54  | 51.56  | 52.21  | 54.10  | 56.04  | 56.18  | 56.06  | 54.05  | 54.95  | 53.24  | 51.71  | 51.54  | 51.71  | 53.80  | 58.07  | 65.29  | 70.90  | 73.85  | 63.02  | 54.93  | 54.04  |
| 24260                | 0.47   | 0.45   | 0.35   | 0.34   | 0.34   | 0.43   | 0.47   | 0.44   | 0.67   | 0.63   | 0.61   | 0.70   | 0.74   | 0.79   | 0.73   | 0.78   | 0.83   | 0.82   | 0.82   | 0.84   | 0.84   | 0.83   | 0.55   | 0.51   |
|                      | -49.61 | -47.96 | -47.71 | -47.14 | -47.15 | -46.62 | -48.50 | -50.68 | -48.33 | -48.69 | -46.97 | -46.93 | -44.91 | -42.98 | -43.59 | -43.01 | -45.04 | -49.30 | -56.55 | -62.14 | -65.08 | -54.28 | -49.03 | -48.39 |
| 74TH STREET_GT_2     | 55.21  | 53.55  | 52.12  | 51.54  | 51.56  | 52.21  | 54.10  | 56.04  | 56.18  | 56.06  | 54.05  | 54.95  | 53.24  | 51.71  | 51.54  | 51.71  | 53.80  | 58.07  | 65.29  | 70.90  | 73.85  | 63.02  | 54.93  | 54.04  |
| 24261                | 0.47   | 0.45   | 0.35   | 0.34   | 0.34   | 0.43   | 0.47   | 0.44   | 0.67   | 0.63   | 0.61   | 0.70   | 0.74   | 0.79   | 0.73   | 0.78   | 0.83   | 0.82   | 0.82   | 0.84   | 0.84   | 0.83   | 0.55   | 0.51   |
|                      | -49.61 | -47.96 | -47.71 | -47.14 | -47.15 | -46.62 | -48.50 | -50.68 | -48.33 | -48.69 | -46.97 | -46.93 | -44.91 | -42.98 | -43.59 | -43.01 | -45.04 | -49.30 | -56.55 | -62.14 | -65.08 | -54.28 | -49.03 | -48.39 |
| ADK HUDSON___FALLS   | 74.96  | 72.65  | 71.15  | 70.36  | 70.38  | 70.79  | 73.43  | 76.29  | 75.41  | 75.42  | 72.70  | 73.55  | 70.97  | 68.61  | 68.68  | 68.63  | 71.57  | 77.58  | 83.34  | 90.79  | 94.69  | 80.31  | 70.64  | 69.52  |
| 24011                | 0.28   | 0.26   | 0.20   | 0.21   | 0.21   | 0.27   | 0.30   | 0.31   | 0.47   | 0.41   | 0.38   | 0.43   | 0.42   | 0.41   | 0.35   | 0.41   | 0.48   | 0.51   | 0.55   | 0.59   | 0.59   | 0.53   | 0.36   | 0.31   |
|                      | -69.55 | -67.25 | -66.89 | -66.09 | -66.11 | -65.37 | -68.00 | -71.05 | -67.75 | -68.27 | -65.85 | -65.80 | -62.97 | -60.26 | -61.12 | -60.30 | -63.15 | -69.12 | -74.88 | -82.27 | -86.17 | -71.86 | -64.92 | -64.07 |
| ADK RESOURCE___RCVRY | 75.05  | 72.73  | 71.23  | 70.44  | 70.46  | 70.88  | 73.52  | 76.38  | 75.51  | 75.51  | 72.79  | 73.64  | 71.06  | 68.68  | 68.76  | 68.71  | 71.66  | 77.68  | 83.43  | 90.88  | 94.79  | 80.39  | 70.71  | 69.58  |
| 23798                | 0.29   | 0.27   | 0.21   | 0.22   | 0.22   | 0.29   | 0.32   | 0.33   | 0.51   | 0.43   | 0.39   | 0.45   | 0.44   | 0.42   | 0.36   | 0.43   | 0.51   | 0.53   | 0.58   | 0.62   | 0.62   | 0.55   | 0.37   | 0.32   |
|                      | -69.62 | -67.32 | -66.96 | -66.16 | -66.18 | -65.44 | -68.08 | -71.13 | -67.83 | -68.34 | -65.92 | -65.87 | -63.04 | -60.33 | -61.18 | -60.36 | -63.22 | -69.20 | -74.94 | -82.34 | -86.25 | -71.93 | -64.97 | -64.12 |
| ADK S GLENS___FALLS  | 74.96  | 72.65  | 71.15  | 70.36  | 70.38  | 70.79  | 73.43  | 76.29  | 75.41  | 75.42  | 72.70  | 73.55  | 70.97  | 68.61  | 68.68  | 68.63  | 71.57  | 77.58  | 83.34  | 90.79  | 94.69  | 80.31  | 70.64  | 69.52  |
| 24028                | 0.28   | 0.26   | 0.20   | 0.21   | 0.21   | 0.27   | 0.30   | 0.31   | 0.47   | 0.41   | 0.38   | 0.43   | 0.42   | 0.41   | 0.35   | 0.41   | 0.48   | 0.51   | 0.55   | 0.59   | 0.59   | 0.53   | 0.36   | 0.31   |
|                      | -69.55 | -67.25 | -66.89 | -66.09 | -66.11 | -65.37 | -68.00 | -71.05 | -67.75 | -68.27 | -65.85 | -65.80 | -62.97 | -60.26 | -61.12 | -60.30 | -63.15 | -69.12 | -74.88 | -82.27 | -86.17 | -71.86 | -64.92 | -64.07 |
| ADK_NYS___DAM        | 71.28  | 69.09  | 67.63  | 66.86  | 66.89  | 67.32  | 69.80  | 72.50  | 71.79  | 71.85  | 69.28  | 70.13  | 67.71  | 65.49  | 65.53  | 65.51  | 68.26  | 73.95  | 80.09  | 87.23  | 90.94  | 77.21  | 67.84  | 66.76  |
| 23527                | 0.27   | 0.25   | 0.21   | 0.20   | 0.20   | 0.25   | 0.26   | 0.27   | 0.44   | 0.44   | 0.43   | 0.48   | 0.48   | 0.48   | 0.42   | 0.47   | 0.51   | 0.52   | 0.51   | 0.57   | 0.55   | 0.52   | 0.36   | 0.30   |
|                      | -65.88 | -63.70 | -63.36 | -62.61 | -62.62 | -61.92 | -64.42 | -67.30 | -64.18 | -64.67 | -62.38 | -62.32 | -59.65 | -57.08 | -57.89 | -57.12 | -59.82 | -65.48 | -71.66 | -78.73 | -82.47 | -68.77 | -62.13 | -61.31 |
| AIR_PRODUCTS___DRP   | 70.12  | 67.98  | 66.51  | 65.76  | 65.78  | 66.23  | 68.67  | 71.29  | 70.63  | 70.64  | 68.13  | 68.97  | 66.61  | 64.45  | 64.49  | 64.47  | 67.16  | 72.74  | 81.40  | 88.64  | 92.44  | 78.46  | 68.99  | 67.91  |
| 24190                | 0.28   | 0.28   | 0.23   | 0.22   | 0.22   | 0.27   | 0.28   | 0.27   | 0.42   | 0.40   | 0.39   | 0.44   | 0.45   | 0.46   | 0.41   | 0.45   | 0.48   | 0.48   | 0.46   | 0.48   | 0.48   | 0.46   | 0.32   | 0.28   |
|                      | -64.70 | -62.56 | -62.22 | -61.49 | -61.50 | -60.81 | -63.26 | -66.10 | -63.03 | -63.51 | -61.26 | -61.21 | -58.58 | -56.06 | -56.85 | -56.09 | -58.75 | -64.30 | -73.03 | -80.24 | -84.05 | -70.09 | -63.31 | -62.48 |
| ALBANY___1           | 70.12  | 67.98  | 66.51  | 65.76  | 65.78  | 66.23  | 68.67  | 71.29  | 70.63  | 70.64  | 68.13  | 68.97  | 66.61  | 64.45  | 64.49  | 64.47  | 67.16  | 72.74  | 81.40  | 88.64  | 92.44  | 78.46  | 68.99  | 67.91  |
| 23571                | 0.28   | 0.28   | 0.23   | 0.22   | 0.22   | 0.27   | 0.28   | 0.27   | 0.42   | 0.40   | 0.39   | 0.44   | 0.45   | 0.46   | 0.41   | 0.45   | 0.48   | 0.48   | 0.46   | 0.48   | 0.48   | 0.46   | 0.32   | 0.28   |
|                      | -64.70 | -62.56 | -62.22 | -61.49 | -61.50 | -60.81 | -63.26 | -66.10 | -63.03 | -63.51 | -61.26 | -61.21 | -58.58 | -56.06 | -56.85 | -56.09 | -58.75 | -64.30 | -73.03 | -80.24 | -84.05 | -70.09 | -63.31 | -62.48 |
| ALBANY___2           | 70.12  | 67.98  | 66.51  | 65.76  | 65.78  | 66.23  | 68.67  | 71.29  | 70.63  | 70.64  | 68.13  | 68.97  | 66.61  | 64.45  | 64.49  | 64.47  | 67.16  | 72.74  | 81.40  | 88.64  | 92.44  | 78.46  | 68.99  | 67.91  |
| 23572                | 0.28   | 0.28   | 0.23   | 0.22   | 0.22   | 0.27   | 0.28   | 0.27   | 0.42   | 0.40   | 0.39   | 0.44   | 0.45   | 0.46   | 0.41   | 0.45   | 0.48   | 0.48   | 0.46   | 0.48   | 0.48   | 0.46   | 0.32   | 0.28   |
|                      | -64.70 | -62.56 | -62.22 | -61.49 | -61.50 | -60.81 | -63.26 | -66.10 | -63.03 | -63.51 | -61.26 | -61.21 | -58.58 | -56.06 | -56.85 | -56.09 | -58.75 | -64.30 | -73.03 | -80.24 | -84.05 | -70.09 | -63.31 | -62.48 |
| ALBANY___3           | 70.12  | 67.98  | 66.51  | 65.76  | 65.78  | 66.23  | 68.67  | 71.29  | 70.63  | 70.64  | 68.13  | 68.97  | 66.61  | 64.45  | 64.49  | 64.47  | 67.16  | 72.74  | 81.40  | 88.64  | 92.44  | 78.46  | 68.99  | 67.91  |
| 23573                | 0.28   | 0.28   | 0.23   | 0.22   | 0.22   | 0.27   | 0.28   | 0.27   | 0.42   | 0.40   | 0.39   | 0.44   | 0.45   | 0.46   | 0.41   | 0.45   | 0.48   | 0.48   | 0.46   | 0.48   | 0.48   | 0.46   | 0.32   | 0.28   |
|                      | -64.70 | -62.56 | -62.22 | -61.49 | -61.50 | -60.81 | -63.26 | -66.10 | -63.03 | -63.51 | -61.26 | -61.21 | -58.58 | -56.06 | -56.85 | -56.09 | -58.75 | -64.30 | -73.03 | -80.24 | -84.05 | -70.09 | -63.31 | -62.48 |
| ALBANY___4           | 70.12  | 67.98  | 66.51  | 65.76  | 65.78  | 66.23  | 68.67  | 71.29  | 70.63  | 70.64  | 68.13  | 68.97  | 66.61  | 64.45  | 64.49  | 64.47  | 67.16  | 72.74  | 81.40  | 88.64  | 92.44  | 78.46  | 68.99  | 67.91  |
| 23574                | 0.28   | 0.28   | 0.23   | 0.22   | 0.22   | 0.27   | 0.28   | 0.27   | 0.42   | 0.40   | 0.39   | 0.44   | 0.45   | 0.46   | 0.41   | 0.45   | 0.48   | 0.48   | 0.46   | 0.48   | 0.48   | 0.46   | 0.32   | 0.28   |
|                      | -64.70 | -62.56 | -62.22 | -61.49 | -61.50 | -60.81 | -63.26 | -66.10 | -63.03 | -63.51 | -61.26 | -61.21 | -58.58 | -56.06 | -56.85 | -56.09 | -58.75 | -64.30 | -73.03 | -80.24 | -84.05 | -70.09 | -63.31 | -62.48 |

|                                     |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                         |                         |
|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| ALBANY___LFGE<br>323615             | 71.62<br>0.31<br>-66.18 | 69.43<br>0.30<br>-63.99 | 67.96<br>0.25<br>-63.65 | 67.19<br>0.24<br>-62.90 | 67.21<br>0.24<br>-62.91 | 67.65<br>0.30<br>-62.20 | 70.14<br>0.30<br>-64.71 | 72.84<br>0.30<br>-67.61  | 72.11<br>0.46<br>-64.47 | 72.13<br>0.43<br>-64.97 | 69.56<br>0.42<br>-62.67 | 70.41<br>0.48<br>-62.61 | 67.99<br>0.48<br>-59.92 | 65.77<br>0.49<br>-57.35 | 65.82<br>0.44<br>-58.16 | 65.79<br>0.49<br>-57.38 | 68.55<br>0.52<br>-60.09 | 74.26<br>0.53<br>-65.78  | 81.90<br>0.51<br>-73.48  | 89.19<br>0.53<br>-80.74  | 93.02<br>0.53<br>-84.56  | 78.94<br>0.51<br>-70.52  | 69.42<br>0.35<br>-63.70 | 68.33<br>0.31<br>-62.87 |
| ALCOA_RYNLDS___DRP<br>24188         | 5.02<br>-0.12<br>0.00   | 5.02<br>-0.12<br>0.00   | 3.98<br>-0.09<br>0.00   | 3.98<br>-0.08<br>0.00   | 3.97<br>-0.10<br>0.00   | 5.02<br>-0.13<br>0.00   | 5.03<br>-0.10<br>0.00   | 4.82<br>-0.11<br>0.00    | 7.01<br>-0.17<br>0.00   | 6.57<br>-0.16<br>0.00   | 6.31<br>-0.17<br>0.00   | 7.14<br>-0.19<br>0.00   | 7.40<br>-0.18<br>0.00   | 7.72<br>-0.21<br>0.00   | 7.03<br>-0.19<br>0.00   | 7.72<br>-0.20<br>0.00   | 7.71<br>-0.23<br>0.00   | 7.72<br>-0.23<br>0.00    | 7.74<br>-0.17<br>0.00    | 7.73<br>-0.19<br>0.00    | 7.74<br>-0.18<br>0.00    | 7.74<br>-0.17<br>0.00    | 5.23<br>-0.12<br>0.00   | 5.02<br>-0.12<br>0.00   |
| ALCOA___DSASP<br>323711             | 5.02<br>-0.12<br>0.00   | 5.02<br>-0.12<br>0.00   | 3.98<br>-0.09<br>0.00   | 3.98<br>-0.08<br>0.00   | 3.97<br>-0.10<br>0.00   | 5.02<br>-0.13<br>0.00   | 5.03<br>-0.10<br>0.00   | 4.82<br>-0.11<br>0.00    | 7.01<br>-0.17<br>0.00   | 6.57<br>-0.16<br>0.00   | 6.31<br>-0.17<br>0.00   | 7.14<br>-0.19<br>0.00   | 7.40<br>-0.18<br>0.00   | 7.72<br>-0.21<br>0.00   | 7.03<br>-0.19<br>0.00   | 7.72<br>-0.20<br>0.00   | 7.71<br>-0.23<br>0.00   | 7.72<br>-0.23<br>0.00    | 7.74<br>-0.17<br>0.00    | 7.73<br>-0.19<br>0.00    | 7.74<br>-0.18<br>0.00    | 7.74<br>-0.17<br>0.00    | 5.23<br>-0.12<br>0.00   | 5.02<br>-0.12<br>0.00   |
| ALLEGHENY___COGEN<br>23514          | 17.05<br>0.33<br>-11.59 | 16.70<br>0.34<br>-11.21 | 15.42<br>0.22<br>-11.15 | 15.32<br>0.25<br>-11.02 | 15.36<br>0.28<br>-11.02 | 16.41<br>0.36<br>-10.90 | 16.80<br>0.33<br>-11.34 | 17.12<br>0.35<br>-11.84  | 18.98<br>0.50<br>-11.30 | 18.59<br>0.47<br>-11.38 | 17.93<br>0.48<br>-10.98 | 18.81<br>0.51<br>-10.97 | 18.56<br>0.47<br>-10.50 | 18.53<br>0.55<br>-10.05 | 17.85<br>0.44<br>-10.19 | 18.50<br>0.52<br>-10.05 | 19.03<br>0.56<br>-10.53 | 20.07<br>0.60<br>-11.52  | 21.52<br>0.55<br>-13.06  | 22.88<br>0.60<br>-14.35  | 23.54<br>0.59<br>-15.03  | 21.04<br>0.59<br>-12.54  | 17.09<br>0.41<br>-11.32 | 16.74<br>0.42<br>-11.18 |
| ALTONA_WT_PWR<br>323606             | 5.06<br>-0.08<br>0.00   | 5.05<br>-0.09<br>0.00   | 3.99<br>-0.07<br>0.00   | 3.99<br>-0.07<br>0.00   | 3.98<br>-0.09<br>0.00   | 5.04<br>-0.11<br>0.00   | 5.06<br>-0.07<br>0.00   | 4.83<br>-0.09<br>0.00    | 7.02<br>-0.16<br>0.00   | 6.58<br>-0.15<br>0.00   | 6.32<br>-0.16<br>0.00   | 7.14<br>-0.19<br>0.00   | 7.41<br>-0.17<br>0.00   | 7.72<br>-0.21<br>0.00   | 7.04<br>-0.18<br>0.00   | 7.72<br>-0.21<br>0.00   | 7.69<br>-0.25<br>0.00   | 7.72<br>-0.23<br>0.00    | 7.75<br>-0.17<br>0.00    | 7.72<br>-0.20<br>0.00    | 7.72<br>-0.20<br>0.00    | 7.72<br>-0.20<br>0.00    | 5.22<br>-0.14<br>0.00   | 4.99<br>-0.15<br>0.00   |
| AMERICAN_REF_FUEL<br>24010          | 15.22<br>0.02<br>-10.07 | 14.94<br>0.06<br>-9.74  | 13.76<br>0.02<br>-9.68  | 13.64<br>0.01<br>-9.57  | 13.69<br>0.05<br>-9.57  | 14.69<br>0.07<br>-9.46  | 14.99<br>0.02<br>-9.85  | 15.15<br>-0.06<br>-10.29 | 16.87<br>-0.15<br>-9.85 | 16.49<br>-0.17<br>-9.92 | 15.88<br>-0.16<br>-9.57 | 16.67<br>-0.22<br>-9.56 | 16.47<br>-0.27<br>-9.15 | 16.46<br>-0.23<br>-8.76 | 15.82<br>-0.25<br>-8.85 | 16.38<br>-0.27<br>-8.73 | 16.89<br>-0.19<br>-9.14 | 17.80<br>-0.15<br>-10.01 | 19.12<br>-0.17<br>-11.37 | 20.33<br>-0.09<br>-12.50 | 20.90<br>-0.11<br>-13.09 | 18.72<br>-0.11<br>-10.92 | 15.20<br>-0.02<br>-9.86 | 14.96<br>0.09<br>-9.73  |
| ARKWRIGHT___SUMMIT_WT_PWR<br>323751 | 16.94<br>0.23<br>-11.58 | 16.61<br>0.27<br>-11.19 | 15.38<br>0.19<br>-11.14 | 15.26<br>0.20<br>-11.00 | 15.33<br>0.26<br>-11.01 | 16.37<br>0.34<br>-10.88 | 16.74<br>0.29<br>-11.32 | 17.02<br>0.27<br>-11.83  | 18.84<br>0.37<br>-11.29 | 18.47<br>0.36<br>-11.38 | 17.79<br>0.34<br>-10.97 | 18.63<br>0.34<br>-10.96 | 18.37<br>0.30<br>-10.49 | 18.35<br>0.38<br>-10.04 | 17.69<br>0.30<br>-10.17 | 18.30<br>0.34<br>-10.04 | 18.81<br>0.36<br>-10.51 | 19.84<br>0.39<br>-11.51  | 21.33<br>0.36<br>-13.05  | 22.73<br>0.47<br>-14.34  | 23.34<br>0.40<br>-15.02  | 20.77<br>0.33<br>-12.52  | 16.90<br>0.23<br>-11.31 | 16.59<br>0.28<br>-11.16 |
| ARTHUR_KILL_GT_1<br>23520           | 55.20<br>0.46<br>-49.61 | 53.53<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.56<br>0.34<br>-47.15 | 52.18<br>0.41<br>-46.62 | 54.04<br>0.41<br>-48.50 | 55.98<br>0.37<br>-50.68  | 56.06<br>0.56<br>-48.33 | 55.94<br>0.51<br>-48.69 | 53.95<br>0.51<br>-46.97 | 54.84<br>0.59<br>-46.93 | 53.11<br>0.61<br>-44.91 | 51.58<br>0.67<br>-42.98 | 51.43<br>0.62<br>-43.59 | 51.59<br>0.66<br>-43.01 | 53.69<br>0.71<br>-45.04 | 57.97<br>0.72<br>-49.30  | 65.23<br>0.76<br>-56.55  | 70.84<br>0.78<br>-62.14  | 73.79<br>0.78<br>-65.08  | 62.98<br>0.79<br>-54.28  | 54.91<br>0.52<br>-49.03 | 54.04<br>0.51<br>-48.39 |
| ARTHUR_KILL_2<br>23512              | 55.19<br>0.45<br>-49.61 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.55<br>0.33<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.03<br>0.40<br>-48.50 | 55.97<br>0.36<br>-50.68  | 56.05<br>0.55<br>-48.33 | 55.93<br>0.50<br>-48.69 | 53.93<br>0.49<br>-46.97 | 54.83<br>0.57<br>-46.93 | 53.10<br>0.60<br>-44.91 | 51.56<br>0.65<br>-42.98 | 51.42<br>0.61<br>-43.59 | 51.57<br>0.64<br>-43.01 | 53.67<br>0.69<br>-45.04 | 57.95<br>0.70<br>-49.30  | 65.20<br>0.74<br>-56.55  | 70.81<br>0.75<br>-62.14  | 73.77<br>0.76<br>-65.08  | 62.96<br>0.77<br>-54.28  | 54.89<br>0.50<br>-49.03 | 54.02<br>0.49<br>-48.39 |
| ARTHUR_KILL_3<br>23513              | 55.16<br>0.43<br>-49.60 | 53.51<br>0.40<br>-47.96 | 52.09<br>0.32<br>-47.71 | 51.51<br>0.31<br>-47.14 | 51.53<br>0.32<br>-47.15 | 52.18<br>0.41<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.01<br>0.41<br>-50.67  | 56.13<br>0.62<br>-48.32 | 56.00<br>0.57<br>-48.69 | 54.01<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.17<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.00 | 53.74<br>0.76<br>-45.04 | 57.99<br>0.75<br>-49.30  | 65.21<br>0.75<br>-56.55  | 70.82<br>0.77<br>-62.13  | 73.77<br>0.77<br>-65.08  | 62.95<br>0.76<br>-54.27  | 54.89<br>0.50<br>-49.03 | 54.00<br>0.47<br>-48.38 |
| ARTHUR_KILL_COGEN<br>323718         | 55.20<br>0.46<br>-49.61 | 53.53<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.56<br>0.34<br>-47.15 | 52.18<br>0.41<br>-46.62 | 54.04<br>0.41<br>-48.50 | 55.98<br>0.37<br>-50.68  | 56.06<br>0.56<br>-48.33 | 55.94<br>0.51<br>-48.69 | 53.95<br>0.51<br>-46.97 | 54.84<br>0.59<br>-46.93 | 53.11<br>0.61<br>-44.91 | 51.58<br>0.67<br>-42.98 | 51.43<br>0.62<br>-43.59 | 51.59<br>0.66<br>-43.01 | 53.69<br>0.71<br>-45.04 | 57.97<br>0.72<br>-49.30  | 65.23<br>0.76<br>-56.55  | 70.84<br>0.78<br>-62.14  | 73.79<br>0.78<br>-65.08  | 62.98<br>0.79<br>-54.28  | 54.91<br>0.52<br>-49.03 | 54.04<br>0.51<br>-48.39 |
| ASHOKAN____<br>23654                | 58.17<br>0.34<br>-52.70 | 56.43<br>0.33<br>-50.95 | 55.04<br>0.30<br>-50.68 | 54.40<br>0.26<br>-50.08 | 54.42<br>0.26<br>-50.09 | 55.00<br>0.32<br>-49.53 | 56.98<br>0.32<br>-51.53 | 59.05<br>0.29<br>-53.84  | 58.92<br>0.41<br>-51.34 | 58.85<br>0.38<br>-51.73 | 56.74<br>0.36<br>-49.90 | 57.56<br>0.38<br>-49.85 | 55.70<br>0.40<br>-47.71 | 54.00<br>0.41<br>-45.66 | 53.91<br>0.38<br>-46.31 | 54.02<br>0.41<br>-45.69 | 56.26<br>0.48<br>-47.85 | 60.87<br>0.55<br>-52.38  | 68.99<br>0.59<br>-60.48  | 74.98<br>0.60<br>-66.46  | 78.16<br>0.63<br>-69.61  | 66.58<br>0.62<br>-58.05  | 58.17<br>0.37<br>-52.44 | 57.24<br>0.34<br>-51.75 |
| ASTORIA_EAST_ENERGY_CC1<br>323581   | 55.20<br>0.46<br>-49.61 | 53.52<br>0.42<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.57<br>0.35<br>-47.15 | 52.16<br>0.39<br>-46.62 | 54.02<br>0.39<br>-48.50 | 55.98<br>0.38<br>-50.67  | 56.07<br>0.57<br>-48.32 | 55.95<br>0.53<br>-48.69 | 53.96<br>0.52<br>-46.96 | 54.85<br>0.60<br>-46.92 | 53.14<br>0.64<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.64<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.69<br>0.72<br>-45.03 | 57.97<br>0.72<br>-49.29  | 65.19<br>0.74<br>-56.54  | 70.80<br>0.74<br>-62.13  | 73.75<br>0.75<br>-65.08  | 62.93<br>0.74<br>-54.27  | 54.86<br>0.48<br>-49.02 | 54.03<br>0.50<br>-48.39 |
| ASTORIA_EAST_ENERGY_CC2<br>323582   | 55.20<br>0.46<br>-49.61 | 53.52<br>0.42<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.57<br>0.35<br>-47.15 | 52.16<br>0.39<br>-46.62 | 54.02<br>0.39<br>-48.50 | 55.98<br>0.38<br>-50.67  | 56.07<br>0.57<br>-48.32 | 55.95<br>0.53<br>-48.69 | 53.96<br>0.52<br>-46.96 | 54.85<br>0.60<br>-46.92 | 53.14<br>0.64<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.64<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.69<br>0.72<br>-45.03 | 57.97<br>0.72<br>-49.29  | 65.19<br>0.74<br>-56.54  | 70.80<br>0.74<br>-62.13  | 73.75<br>0.75<br>-65.08  | 62.93<br>0.74<br>-54.27  | 54.86<br>0.48<br>-49.02 | 54.03<br>0.50<br>-48.39 |
| ASTORIA_GT2_I<br>24094              | 55.20<br>0.46<br>-49.61 | 53.53<br>0.42<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.57<br>0.35<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67  | 56.08<br>0.58<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.65<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.65<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.72<br>-49.29  | 65.20<br>0.74<br>-56.54  | 70.80<br>0.75<br>-62.13  | 73.75<br>0.75<br>-65.08  | 62.93<br>0.74<br>-54.27  | 54.86<br>0.48<br>-49.02 | 54.03<br>0.50<br>-48.39 |

|                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT2_2<br>24095 | 55.20<br>0.46<br>-49.61 | 53.53<br>0.42<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.57<br>0.35<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.58<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.65<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.65<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.72<br>-49.29 | 65.20<br>0.74<br>-56.54 | 70.80<br>0.75<br>-62.13 | 73.75<br>0.75<br>-65.08 | 62.93<br>0.74<br>-54.27 | 54.86<br>0.48<br>-49.02 | 54.03<br>0.50<br>-48.39 |
| ASTORIA_GT2_3<br>24096 | 55.20<br>0.46<br>-49.61 | 53.53<br>0.42<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.57<br>0.35<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.58<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.65<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.65<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.72<br>-49.29 | 65.20<br>0.74<br>-56.54 | 70.80<br>0.75<br>-62.13 | 73.75<br>0.75<br>-65.08 | 62.93<br>0.74<br>-54.27 | 54.86<br>0.48<br>-49.02 | 54.03<br>0.50<br>-48.39 |
| ASTORIA_GT2_4<br>24097 | 55.20<br>0.46<br>-49.61 | 53.53<br>0.42<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.57<br>0.35<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.58<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.65<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.65<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.72<br>-49.29 | 65.20<br>0.74<br>-56.54 | 70.80<br>0.75<br>-62.13 | 73.75<br>0.75<br>-65.08 | 62.93<br>0.74<br>-54.27 | 54.86<br>0.48<br>-49.02 | 54.03<br>0.50<br>-48.39 |
| ASTORIA_GT3_1<br>24098 | 55.20<br>0.46<br>-49.61 | 53.53<br>0.42<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.57<br>0.35<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.58<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.65<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.65<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.72<br>-49.29 | 65.20<br>0.74<br>-56.54 | 70.80<br>0.75<br>-62.13 | 73.75<br>0.75<br>-65.08 | 62.93<br>0.74<br>-54.27 | 54.86<br>0.48<br>-49.02 | 54.03<br>0.50<br>-48.39 |
| ASTORIA_GT3_2<br>24099 | 55.20<br>0.46<br>-49.61 | 53.53<br>0.42<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.57<br>0.35<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.58<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.65<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.65<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.72<br>-49.29 | 65.20<br>0.74<br>-56.54 | 70.80<br>0.75<br>-62.13 | 73.75<br>0.75<br>-65.08 | 62.93<br>0.74<br>-54.27 | 54.86<br>0.48<br>-49.02 | 54.03<br>0.50<br>-48.39 |
| ASTORIA_GT3_3<br>24100 | 55.20<br>0.46<br>-49.61 | 53.53<br>0.42<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.57<br>0.35<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.58<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.65<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.65<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.72<br>-49.29 | 65.20<br>0.74<br>-56.54 | 70.80<br>0.75<br>-62.13 | 73.75<br>0.75<br>-65.08 | 62.93<br>0.74<br>-54.27 | 54.86<br>0.48<br>-49.02 | 54.03<br>0.50<br>-48.39 |
| ASTORIA_GT3_4<br>24101 | 55.20<br>0.46<br>-49.61 | 53.53<br>0.42<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.57<br>0.35<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.58<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.65<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.65<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.72<br>-49.29 | 65.20<br>0.74<br>-56.54 | 70.80<br>0.75<br>-62.13 | 73.7                    |                         |                         |                         |

|                            |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT_13<br>24227     | 55.21<br>0.47<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.00<br>0.57<br>-48.69 | 54.01<br>0.56<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.25<br>0.78<br>-56.55 | 70.85<br>0.79<br>-62.14 | 73.80<br>0.79<br>-65.08  | 62.99<br>0.80<br>-54.28 | 54.91<br>0.52<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| ASTORIA_GT_5<br>24106      | 55.21<br>0.47<br>-49.61 | 53.53<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.58<br>0.36<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.03<br>0.41<br>-48.50 | 55.98<br>0.39<br>-50.67 | 56.09<br>0.60<br>-48.32 | 55.97<br>0.55<br>-48.69 | 53.97<br>0.54<br>-46.96 | 54.86<br>0.62<br>-46.92 | 53.15<br>0.66<br>-44.91 | 51.62<br>0.71<br>-42.97 | 51.46<br>0.66<br>-43.58 | 51.63<br>0.70<br>-43.00 | 53.71<br>0.74<br>-45.03 | 57.98<br>0.74<br>-49.29 | 65.22<br>0.76<br>-56.54 | 70.82<br>0.77<br>-62.13 | 73.77<br>0.77<br>-65.08  | 62.94<br>0.76<br>-54.27 | 54.87<br>0.49<br>-49.02 | 54.04<br>0.51<br>-48.39 |
| ASTORIA_GT_7<br>24107      | 55.21<br>0.47<br>-49.61 | 53.53<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.58<br>0.36<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.03<br>0.41<br>-48.50 | 55.98<br>0.39<br>-50.67 | 56.09<br>0.60<br>-48.32 | 55.97<br>0.55<br>-48.69 | 53.97<br>0.54<br>-46.96 | 54.86<br>0.62<br>-46.92 | 53.15<br>0.66<br>-44.91 | 51.62<br>0.71<br>-42.97 | 51.46<br>0.66<br>-43.58 | 51.63<br>0.70<br>-43.00 | 53.71<br>0.74<br>-45.03 | 57.98<br>0.74<br>-49.29 | 65.22<br>0.76<br>-56.54 | 70.82<br>0.77<br>-62.13 | 73.77<br>0.77<br>-65.08  | 62.94<br>0.76<br>-54.27 | 54.87<br>0.49<br>-49.02 | 54.04<br>0.51<br>-48.39 |
| ASTORIA_GT_8<br>24108      | 55.21<br>0.47<br>-49.61 | 53.53<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.58<br>0.36<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.03<br>0.41<br>-48.50 | 55.98<br>0.39<br>-50.67 | 56.09<br>0.60<br>-48.32 | 55.97<br>0.55<br>-48.69 | 53.97<br>0.54<br>-46.96 | 54.86<br>0.62<br>-46.92 | 53.15<br>0.66<br>-44.91 | 51.62<br>0.71<br>-42.97 | 51.46<br>0.66<br>-43.58 | 51.63<br>0.70<br>-43.00 | 53.71<br>0.74<br>-45.03 | 57.98<br>0.74<br>-49.29 | 65.22<br>0.76<br>-56.54 | 70.82<br>0.77<br>-62.13 | 73.77<br>0.77<br>-65.08  | 62.94<br>0.76<br>-54.27 | 54.87<br>0.49<br>-49.02 | 54.04<br>0.51<br>-48.39 |
| ASTORIA___2<br>24149       | 55.20<br>0.46<br>-49.61 | 53.53<br>0.42<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.57<br>0.35<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.58<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.65<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.65<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.72<br>-49.29 | 65.20<br>0.74<br>-56.54 | 70.80<br>0.75<br>-62.13 | 73.75<br>0.75<br>-65.08  | 62.93<br>0.74<br>-54.27 | 54.86<br>0.48<br>-49.02 | 54.03<br>0.50<br>-48.39 |
| ASTORIA___3<br>23516       | 55.21<br>0.47<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.00<br>0.57<br>-48.69 | 54.01<br>0.56<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.25<br>0.78<br>-56.55 | 70.85<br>0.79<br>-62.14 | 73.80<br>0.79<br>-65.08  | 62.99<br>0.80<br>-54.28 | 54.91<br>0.52<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| ASTORIA___4<br>23517       | 55.21<br>0.47<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.00<br>0.57<br>-48.69 | 54.01<br>0.56<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.25<br>0.78<br>-56.55 | 70.85<br>0.79<br>-62.14 | 73.80<br>0.79<br>-65.08  | 62.99<br>0.80<br>-54.28 | 54.91<br>0.52<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| ASTORIA___5<br>23518       | 55.21<br>0.47<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.00<br>0.57<br>-48.69 | 54.01<br>0.56<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.25<br>0.78<br>-56.55 | 70.85<br>0.79<br>-62.14 | 73.80<br>0.79<br>-65.08  | 62.99<br>0.80<br>-54.28 | 54.91<br>0.52<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| AST_ENERGY_2_CC3<br>323677 | 55.18<br>0.44<br>-49.60 | 53.52<br>0.41<br>-47.96 | 52.09<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.18<br>0.41<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.00<br>0.40<br>-50.67 | 56.11<br>0.61<br>-48.32 | 56.00<br>0.57<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.17<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.00 | 53.74<br>0.76<br>-45.04 | 57.99<br>0.75<br>-49.30 | 65.21<br>0.74<br>-56.55 | 70.82<br>0.76<br>-62.13 | 73.76<br>0.76<br>-65.08  | 62.95<br>0.76<br>-54.27 | 54.89<br>0.50<br>-49.03 | 54.00<br>0.47<br>-48.38 |
| AST_ENERGY_2_CC4<br>323678 | 55.18<br>0.44<br>-49.60 | 53.52<br>0.41<br>-47.96 | 52.09<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.18<br>0.41<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.00<br>0.40<br>-50.67 | 56.11<br>0.61<br>-48.32 | 56.00<br>0.57<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.17<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.00 | 53.74<br>0.76<br>-45.04 | 57.99<br>0.75<br>-49.30 | 65.21<br>0.74<br>-56.55 | 70.82<br>0.76<br>-62.13 | 73.76<br>0.76<br>-65.08  | 62.95<br>0.76<br>-54.27 | 54.89<br>0.50<br>-49.03 | 54.00<br>0.47<br>-48.38 |
| ATHENS_STG_1<br>23668      | 61.20<br>0.25<br>-55.82 | 59.36<br>0.25<br>-53.97 | 57.94<br>0.20<br>-53.68 | 57.29<br>0.19<br>-53.04 | 57.31<br>0.20<br>-53.05 | 57.86<br>0.25<br>-52.46 | 59.95<br>0.25<br>-54.58 | 62.18<br>0.24<br>-57.02 | 61.91<br>0.36<br>-54.38 | 61.86<br>0.34<br>-54.79 | 59.66<br>0.33<br>-52.85 | 60.50<br>0.37<br>-52.80 | 58.51<br>0.39<br>-50.54 | 56.71<br>0.41<br>-48.36 | 56.64<br>0.38<br>-49.05 | 56.73<br>0.41<br>-48.39 | 59.03<br>0.41<br>-50.68 | 63.83<br>0.41<br>-55.47 | 75.11<br>0.40<br>-66.80 | 81.72<br>0.40<br>-73.40 | 85.20<br>0.40<br>-76.88  | 72.43<br>0.40<br>-64.11 | 63.55<br>0.27<br>-57.91 | 62.55<br>0.25<br>-57.15 |
| ATHENS_STG_2<br>23670      | 61.20<br>0.25<br>-55.82 | 59.36<br>0.25<br>-53.97 | 57.94<br>0.20<br>-53.68 | 57.29<br>0.19<br>-53.04 | 57.31<br>0.20<br>-53.05 | 57.86<br>0.25<br>-52.46 | 59.95<br>0.25<br>-54.58 | 62.18<br>0.24<br>-57.02 | 61.91<br>0.36<br>-54.38 | 61.86<br>0.34<br>-54.79 | 59.66<br>0.33<br>-52.85 | 60.50<br>0.37<br>-52.80 | 58.51<br>0.39<br>-50.54 | 56.71<br>0.41<br>-48.36 | 56.64<br>0.38<br>-49.05 | 56.73<br>0.41<br>-48.39 | 59.03<br>0.41<br>-50.68 | 63.83<br>0.41<br>-55.47 | 75.11<br>0.40<br>-66.80 | 81.72<br>0.40<br>-73.40 | 85.20<br>0.40<br>-76.88  | 72.43<br>0.40<br>-64.11 | 63.55<br>0.27<br>-57.91 | 62.55<br>0.25<br>-57.15 |
| ATHENS_STG_3<br>23677      | 61.20<br>0.25<br>-55.82 | 59.36<br>0.25<br>-53.97 | 57.94<br>0.20<br>-53.68 | 57.29<br>0.19<br>-53.04 | 57.31<br>0.20<br>-53.05 | 57.86<br>0.25<br>-52.46 | 59.95<br>0.25<br>-54.58 | 62.18<br>0.24<br>-57.02 | 61.91<br>0.36<br>-54.38 | 61.86<br>0.34<br>-54.79 | 59.66<br>0.33<br>-52.85 | 60.50<br>0.37<br>-52.80 | 58.51<br>0.39<br>-50.54 | 56.71<br>0.41<br>-48.36 | 56.64<br>0.38<br>-49.05 | 56.73<br>0.41<br>-48.39 | 59.03<br>0.41<br>-50.68 | 63.83<br>0.41<br>-55.47 | 75.11<br>0.40<br>-66.80 | 81.72<br>0.40<br>-73.40 | 85.20<br>0.40<br>-76.88  | 72.43<br>0.40<br>-64.11 | 63.55<br>0.27<br>-57.91 | 62.55<br>0.25<br>-57.15 |
| AUBURN___LFGE<br>323710    | 13.82<br>0.10<br>-8.59  | 13.55<br>0.10<br>-8.31  | 12.36<br>0.04<br>-8.26  | 12.29<br>0.07<br>-8.17  | 12.31<br>0.08<br>-8.17  | 13.33<br>0.11<br>-8.08  | 13.64<br>0.11<br>-8.40  | 13.83<br>0.12<br>-8.78  | 15.72<br>0.17<br>-8.37  | 15.33<br>0.16<br>-8.44  | 14.77<br>0.16<br>-8.14  | 15.64<br>0.18<br>-8.13  | 15.55<br>0.18<br>-7.78  | 15.59<br>0.21<br>-7.45  | 14.95<br>0.17<br>-7.55  | 15.56<br>0.19<br>-7.45  | 15.95<br>0.21<br>-7.80  | 16.73<br>0.24<br>-8.54  | 17.89<br>0.21<br>-9.76  | 18.88<br>0.23<br>-10.73 | 19.39<br>0.23<br>-11.23  | 17.50<br>0.22<br>-9.37  | 13.97<br>0.15<br>-8.46  | 13.65<br>0.15<br>-8.35  |
| BABYLON_RES_REC<br>323704  | 72.65<br>0.61<br>-66.91 | 60.58<br>0.58<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.57<br>0.45<br>-49.06 | 54.36<br>0.46<br>-49.84 | 58.11<br>0.59<br>-52.38 | 55.35<br>0.60<br>-49.61 | 56.17<br>0.56<br>-50.68 | 56.34<br>0.83<br>-48.33 | 56.72<br>0.79<br>-49.20 | 58.11<br>0.73<br>-50.90 | 63.99<br>0.83<br>-55.84 | 56.11<br>0.88<br>-47.65 | 56.11<br>0.93<br>-47.25 | 56.13<br>0.86<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.02<br>0.98<br>-66.11 | 78.12<br>0.98<br>-69.20 | 79.22<br>0.98<br>-70.32 | 85.57<br>1.01<br>-76.64 | 104.17<br>1.01<br>-95.25 | 80.58<br>0.99<br>-71.68 | 75.01<br>0.69<br>-68.96 | 65.70<br>0.64<br>-59.91 |

|                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_1<br>23704  | 72.58<br>0.54<br>-66.91 | 60.52<br>0.52<br>-54.86 | 55.42<br>0.42<br>-50.94 | 53.53<br>0.41<br>-49.06 | 54.32<br>0.41<br>-49.84 | 58.06<br>0.53<br>-52.38 | 55.29<br>0.55<br>-49.61 | 56.12<br>0.51<br>-50.68 | 56.28<br>0.77<br>-48.33 | 56.66<br>0.73<br>-49.20 | 58.07<br>0.69<br>-50.90 | 63.95<br>0.78<br>-55.84 | 56.06<br>0.83<br>-47.65 | 56.06<br>0.88<br>-47.25 | 56.08<br>0.81<br>-48.05 | 60.16<br>0.88<br>-51.36 | 74.95<br>0.90<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.12<br>0.89<br>-70.32 | 85.46<br>0.89<br>-76.64 | 104.05<br>0.89<br>-95.25 | 80.48<br>0.89<br>-71.68 | 74.93<br>0.62<br>-68.96 | 65.64<br>0.59<br>-59.91 |
| BARRETT_IC_10<br>23701 | 72.58<br>0.54<br>-66.91 | 60.52<br>0.52<br>-54.86 | 55.42<br>0.42<br>-50.94 | 53.53<br>0.41<br>-49.06 | 54.32<br>0.41<br>-49.84 | 58.06<br>0.53<br>-52.38 | 55.29<br>0.55<br>-49.61 | 56.12<br>0.51<br>-50.68 | 56.28<br>0.77<br>-48.33 | 56.66<br>0.73<br>-49.20 | 58.07<br>0.69<br>-50.90 | 63.95<br>0.78<br>-55.84 | 56.06<br>0.83<br>-47.65 | 56.06<br>0.88<br>-47.25 | 56.08<br>0.81<br>-48.05 | 60.16<br>0.88<br>-51.36 | 74.95<br>0.90<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.12<br>0.89<br>-70.32 | 85.46<br>0.89<br>-76.64 | 104.05<br>0.89<br>-95.25 | 80.48<br>0.89<br>-71.68 | 74.93<br>0.62<br>-68.96 | 65.64<br>0.59<br>-59.91 |
| BARRETT_IC_11<br>23702 | 72.58<br>0.54<br>-66.91 | 60.52<br>0.52<br>-54.86 | 55.42<br>0.42<br>-50.94 | 53.53<br>0.41<br>-49.06 | 54.32<br>0.41<br>-49.84 | 58.06<br>0.53<br>-52.38 | 55.29<br>0.55<br>-49.61 | 56.12<br>0.51<br>-50.68 | 56.28<br>0.77<br>-48.33 | 56.66<br>0.73<br>-49.20 | 58.07<br>0.69<br>-50.90 | 63.95<br>0.78<br>-55.84 | 56.06<br>0.83<br>-47.65 | 56.06<br>0.88<br>-47.25 | 56.08<br>0.81<br>-48.05 | 60.16<br>0.88<br>-51.36 | 74.95<br>0.90<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.12<br>0.89<br>-70.32 | 85.46<br>0.89<br>-76.64 | 104.05<br>0.89<br>-95.25 | 80.48<br>0.89<br>-71.68 | 74.93<br>0.62<br>-68.96 | 65.64<br>0.59<br>-59.91 |
| BARRETT_IC_12<br>23703 | 72.58<br>0.54<br>-66.91 | 60.52<br>0.52<br>-54.86 | 55.42<br>0.42<br>-50.94 | 53.53<br>0.41<br>-49.06 | 54.32<br>0.41<br>-49.84 | 58.06<br>0.53<br>-52.38 | 55.29<br>0.55<br>-49.61 | 56.12<br>0.51<br>-50.68 | 56.28<br>0.77<br>-48.33 | 56.66<br>0.73<br>-49.20 | 58.07<br>0.69<br>-50.90 | 63.95<br>0.78<br>-55.84 | 56.06<br>0.83<br>-47.65 | 56.06<br>0.88<br>-47.25 | 56.08<br>0.81<br>-48.05 | 60.16<br>0.88<br>-51.36 | 74.95<br>0.90<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.12<br>0.89<br>-70.32 | 85.46<br>0.89<br>-76.64 | 104.05<br>0.89<br>-95.25 | 80.48<br>0.89<br>-71.68 | 74.93<br>0.62<br>-68.96 | 65.64<br>0.59<br>-59.91 |
| BARRETT_IC_2<br>23705  | 72.58<br>0.54<br>-66.91 | 60.52<br>0.52<br>-54.86 | 55.42<br>0.42<br>-50.94 | 53.53<br>0.41<br>-49.06 | 54.32<br>0.41<br>-49.84 | 58.06<br>0.53<br>-52.38 | 55.29<br>0.55<br>-49.61 | 56.12<br>0.51<br>-50.68 | 56.28<br>0.77<br>-48.33 | 56.66<br>0.73<br>-49.20 | 58.07<br>0.69<br>-50.90 | 63.95<br>0.78<br>-55.84 | 56.06<br>0.83<br>-47.65 | 56.06<br>0.88<br>-47.25 | 56.08<br>0.81<br>-48.05 | 60.16<br>0.88<br>-51.36 | 74.95<br>0.90<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.12<br>0.89<br>-70.32 | 85.46<br>0.89<br>-76.64 | 104.05<br>0.89<br>-95.25 | 80.48<br>0.89<br>-71.68 | 74.93<br>0.62<br>-68.96 | 65.64<br>0.59<br>-59.91 |
| BARRETT_IC_3<br>23706  | 72.58<br>0.54<br>-66.91 | 60.52<br>0.52<br>-54.86 | 55.42<br>0.42<br>-50.94 | 53.53<br>0.41<br>-49.06 | 54.32<br>0.41<br>-49.84 | 58.06<br>0.53<br>-52.38 | 55.29<br>0.55<br>-49.61 | 56.12<br>0.51<br>-50.68 | 56.28<br>0.77<br>-48.33 | 56.66<br>0.73<br>-49.20 | 58.07<br>0.69<br>-50.90 | 63.95<br>0.78<br>-55.84 | 56.06<br>0.83<br>-47.65 | 56.06<br>0.88<br>-47.25 | 56.08<br>0.81<br>-48.05 | 60.16<br>0.88<br>-51.36 | 74.95<br>0.90<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.12<br>0.89<br>-70.32 | 85.46<br>0.89<br>-76.64 | 104.05<br>0.89<br>-95.25 | 80.48<br>0.89<br>-71.68 | 74.93<br>0.62<br>-68.96 | 65.64<br>0.59<br>-59.91 |
| BARRETT_IC_4<br>23707  | 72.58<br>0.54<br>-66.91 | 60.52<br>0.52<br>-54.86 | 55.42<br>0.42<br>-50.94 | 53.53<br>0.41<br>-49.06 | 54.32<br>0.41<br>-49.84 | 58.06<br>0.53<br>-52.38 | 55.29<br>0.55<br>-49.61 | 56.12<br>0.51<br>-50.68 | 56.28<br>0.77<br>-48.33 | 56.66<br>0.73<br>-49.20 | 58.07<br>0.69<br>-50.90 | 63.95<br>0.78<br>-55.84 | 56.06<br>0.83<br>-47.65 | 56.06<br>0.88<br>-47.25 | 56.08<br>0.81<br>-48.05 | 60.16<br>0.88<br>-51.36 | 74.95<br>0.90<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.12<br>0.89<br>-70.32 | 85.46<br>0.89<br>-76.64 |                          |                         |                         |                         |

|                             |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BAYONEEC___CTG10<br>323750  | 55.18<br>0.44<br>-49.60 | 53.52<br>0.41<br>-47.96 | 52.09<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.13<br>0.63<br>-48.32 | 56.01<br>0.58<br>-48.69 | 54.01<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.00 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.83<br>0.78<br>-62.13 | 73.79<br>0.78<br>-65.08 | 62.96<br>0.78<br>-54.27 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.38 |
| BAYONEEC___CTG2<br>323683   | 55.18<br>0.44<br>-49.60 | 53.52<br>0.41<br>-47.96 | 52.09<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.13<br>0.63<br>-48.32 | 56.01<br>0.58<br>-48.69 | 54.01<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.00 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.83<br>0.78<br>-62.13 | 73.79<br>0.78<br>-65.08 | 62.96<br>0.78<br>-54.27 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.38 |
| BAYONEEC___CTG3<br>323684   | 55.18<br>0.44<br>-49.60 | 53.52<br>0.41<br>-47.96 | 52.09<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.13<br>0.63<br>-48.32 | 56.01<br>0.58<br>-48.69 | 54.01<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.00 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.83<br>0.78<br>-62.13 | 73.79<br>0.78<br>-65.08 | 62.96<br>0.78<br>-54.27 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.38 |
| BAYONEEC___CTG4<br>323685   | 55.18<br>0.44<br>-49.60 | 53.52<br>0.41<br>-47.96 | 52.09<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.13<br>0.63<br>-48.32 | 56.01<br>0.58<br>-48.69 | 54.01<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.00 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.83<br>0.78<br>-62.13 | 73.79<br>0.78<br>-65.08 | 62.96<br>0.78<br>-54.27 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.38 |
| BAYONEEC___CTG5<br>323686   | 55.18<br>0.44<br>-49.60 | 53.52<br>0.41<br>-47.96 | 52.09<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.13<br>0.63<br>-48.32 | 56.01<br>0.58<br>-48.69 | 54.01<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.00 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.83<br>0.78<br>-62.13 | 73.79<br>0.78<br>-65.08 | 62.96<br>0.78<br>-54.27 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.38 |
| BAYONEEC___CTG6<br>323687   | 55.18<br>0.44<br>-49.60 | 53.52<br>0.41<br>-47.96 | 52.09<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.13<br>0.63<br>-48.32 | 56.01<br>0.58<br>-48.69 | 54.01<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.00 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.83<br>0.78<br>-62.13 | 73.79<br>0.78<br>-65.08 | 62.96<br>0.78<br>-54.27 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.38 |
| BAYONEEC___CTG7<br>323688   | 55.18<br>0.44<br>-49.60 | 53.52<br>0.41<br>-47.96 | 52.09<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.13<br>0.63<br>-48.32 | 56.01<br>0.58<br>-48.69 | 54.01<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.00 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.83<br>0.78<br>-62.13 | 73.79<br>0.78<br>-65.08 | 62.96<br>0.78<br>-54.27 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.38 |
| BAYONEEC___CTG8<br>323689   | 55.18<br>0.44<br>-49.60 | 53.52<br>0.41<br>-47.96 | 52.09<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.13<br>0.63<br>-48.32 | 56.01<br>0.58<br>-48.69 | 54.01<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.00 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.83<br>0.78<br>-62.13 | 73.79<br>0.78<br>-65.08 | 62.96<br>0.78<br>-54.27 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.38 |
| BAYONEEC___CTG9<br>323749   | 55.18<br>0.44<br>-49.60 | 53.52<br>0.41<br>-47.96 | 52.09<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.13<br>0.63<br>-48.32 | 56.01<br>0.58<br>-48.69 | 54.01<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.00 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.83<br>0.78<br>-62.13 | 73.79<br>0.78<br>-65.08 | 62.96<br>0.78<br>-54.27 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.38 |
| BEACON___LESR<br>323632     | 70.28<br>0.36<br>-64.79 | 68.13<br>0.34<br>-62.64 | 66.65<br>0.28<br>-62.31 | 65.90<br>0.27<br>-61.57 | 65.93<br>0.28<br>-61.58 | 66.39<br>0.35<br>-60.89 | 68.83<br>0.35<br>-63.35 | 71.46<br>0.34<br>-66.19 | 70.83<br>0.54<br>-63.12 | 70.84<br>0.51<br>-63.60 | 68.31<br>0.49<br>-61.35 | 69.17<br>0.56<br>-61.29 | 66.81<br>0.56<br>-58.66 | 64.65<br>0.58<br>-56.14 | 64.67<br>0.51<br>-56.93 | 64.66<br>0.57<br>-56.17 | 67.37<br>0.60<br>-58.83 | 72.94<br>0.60<br>-64.39 | 81.33<br>0.55<br>-72.86 | 88.57<br>0.59<br>-80.06 | 92.37<br>0.59<br>-83.85 | 78.42<br>0.58<br>-69.93 | 68.92<br>0.40<br>-63.17 | 67.84<br>0.35<br>-62.34 |
| BEAVER RIVER___HYD<br>24048 | 6.93<br>-0.13<br>-1.92  | 6.87<br>-0.13<br>-1.86  | 5.80<br>-0.11<br>-1.85  | 5.78<br>-0.10<br>-1.83  | 5.79<br>-0.11<br>-1.83  | 6.83<br>-0.12<br>-1.81  | 6.89<br>-0.12<br>-1.88  | 6.81<br>-0.08<br>-1.96  | 8.94<br>-0.12<br>-1.87  | 8.50<br>-0.12<br>-1.89  | 8.14<br>-0.16<br>-1.82  | 8.97<br>-0.18<br>-1.82  | 9.15<br>-0.17<br>-1.74  | 9.39<br>-0.21<br>-1.67  | 8.70<br>-0.21<br>-1.69  | 9.35<br>-0.24<br>-1.67  | 9.45<br>-0.23<br>-1.75  | 9.68<br>-0.17<br>-1.91  | 10.80<br>-0.13<br>-3.01 | 11.13<br>-0.10<br>-3.31 | 11.29<br>-0.10<br>-3.47 | 10.70<br>-0.10<br>-2.89 | 7.87<br>-0.10<br>-2.61  | 7.63<br>-0.10<br>-2.58  |
| BEEBEE_GT_13<br>23619       | 13.25<br>0.06<br>-8.05  | 13.01<br>0.08<br>-7.78  | 11.84<br>0.04<br>-7.74  | 11.75<br>0.04<br>-7.65  | 11.79<br>0.07<br>-7.65  | 12.81<br>0.09<br>-7.57  | 13.06<br>0.06<br>-7.87  | 13.21<br>0.05<br>-8.22  | 15.07<br>0.05<br>-7.84  | 14.67<br>0.03<br>-7.90  | 14.14<br>0.04<br>-7.62  | 14.97<br>0.03<br>-7.62  | 14.89<br>0.02<br>-7.29  | 14.95<br>0.05<br>-6.98  | 14.30<br>0.01<br>-7.07  | 14.93<br>0.02<br>-6.98  | 15.30<br>0.05<br>-7.31  | 16.03<br>0.08<br>-8.00  | 17.09<br>0.04<br>-9.14  | 18.04<br>0.08<br>-10.04 | 18.51<br>0.07<br>-10.51 | 16.76<br>0.08<br>-8.77  | 13.36<br>0.08<br>-7.92  | 13.09<br>0.13<br>-7.82  |
| BETHLEHEM___GRP<br>23843    | 70.12<br>0.28<br>-64.70 | 67.98<br>0.28<br>-62.56 | 66.51<br>0.23<br>-62.22 | 65.76<br>0.22<br>-61.49 | 65.78<br>0.22<br>-61.50 | 66.23<br>0.27<br>-60.81 | 68.67<br>0.28<br>-63.26 | 71.29<br>0.27<br>-66.10 | 70.63<br>0.42<br>-63.03 | 70.64<br>0.40<br>-63.51 | 68.13<br>0.39<br>-61.26 | 68.97<br>0.44<br>-61.21 | 66.61<br>0.45<br>-58.58 | 64.45<br>0.46<br>-56.06 | 64.49<br>0.41<br>-56.85 | 64.47<br>0.45<br>-56.09 | 67.16<br>0.48<br>-58.75 | 72.74<br>0.48<br>-64.30 | 81.40<br>0.46<br>-73.03 | 88.64<br>0.48<br>-80.24 | 92.44<br>0.48<br>-84.05 | 78.46<br>0.46<br>-70.09 | 68.99<br>0.32<br>-63.31 | 67.91<br>0.28<br>-62.48 |
| BETHLEHEM___GS1<br>323560   | 70.12<br>0.28<br>-64.70 | 67.98<br>0.28<br>-62.56 | 66.51<br>0.23<br>-62.22 | 65.76<br>0.22<br>-61.49 | 65.78<br>0.22<br>-61.50 | 66.23<br>0.27<br>-60.81 | 68.67<br>0.28<br>-63.26 | 71.29<br>0.27<br>-66.10 | 70.63<br>0.42<br>-63.03 | 70.64<br>0.40<br>-63.51 | 68.13<br>0.39<br>-61.26 | 68.97<br>0.44<br>-61.21 | 66.61<br>0.45<br>-58.58 | 64.45<br>0.46<br>-56.06 | 64.49<br>0.41<br>-56.85 | 64.47<br>0.45<br>-56.09 | 67.16<br>0.48<br>-58.75 | 72.74<br>0.48<br>-64.30 | 81.40<br>0.46<br>-73.03 | 88.64<br>0.48<br>-80.24 | 92.44<br>0.48<br>-84.05 | 78.46<br>0.46<br>-70.09 | 68.99<br>0.32<br>-63.31 | 67.91<br>0.28<br>-62.48 |
| BETHLEHEM___GS2<br>323561   | 70.12<br>0.28<br>-64.70 | 67.98<br>0.28<br>-62.56 | 66.51<br>0.23<br>-62.22 | 65.76<br>0.22<br>-61.49 | 65.78<br>0.22<br>-61.50 | 66.23<br>0.27<br>-60.81 | 68.67<br>0.28<br>-63.26 | 71.29<br>0.27<br>-66.10 | 70.63<br>0.42<br>-63.03 | 70.64<br>0.40<br>-63.51 | 68.13<br>0.39<br>-61.26 | 68.97<br>0.44<br>-61.21 | 66.61<br>0.45<br>-58.58 | 64.45<br>0.46<br>-56.06 | 64.49<br>0.41<br>-56.85 | 64.47<br>0.45<br>-56.09 | 67.16<br>0.48<br>-58.75 | 72.74<br>0.48<br>-64.30 | 81.40<br>0.46<br>-73.03 | 88.64<br>0.48<br>-80.24 | 92.44<br>0.48<br>-84.05 | 78.46<br>0.46<br>-70.09 | 68.99<br>0.32<br>-63.31 | 67.91<br>0.28<br>-62.48 |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BETHLEHEM___GS3<br>323562               | 70.12<br>0.28<br>-64.70 | 67.98<br>0.28<br>-62.56 | 66.51<br>0.23<br>-62.22 | 65.76<br>0.22<br>-61.49 | 65.78<br>0.22<br>-61.50 | 66.23<br>0.27<br>-60.81 | 68.67<br>0.28<br>-63.26 | 71.29<br>0.27<br>-66.10 | 70.63<br>0.42<br>-63.03 | 70.64<br>0.40<br>-63.51 | 68.13<br>0.39<br>-61.26 | 68.97<br>0.44<br>-61.21 | 66.61<br>0.45<br>-58.58 | 64.45<br>0.46<br>-56.06 | 64.49<br>0.41<br>-56.85 | 64.47<br>0.45<br>-56.09 | 67.16<br>0.48<br>-58.75 | 72.74<br>0.48<br>-64.30 | 81.40<br>0.46<br>-73.03 | 88.64<br>0.48<br>-80.24 | 92.44<br>0.48<br>-84.05  | 78.46<br>0.46<br>-70.09 | 68.99<br>0.32<br>-63.31 | 67.91<br>0.28<br>-62.48 |
| BETHLEHEM___STEEL<br>23779              | 16.07<br>0.18<br>-10.75 | 15.76<br>0.22<br>-10.40 | 14.55<br>0.15<br>-10.34 | 14.42<br>0.15<br>-10.22 | 14.47<br>0.19<br>-10.22 | 15.50<br>0.24<br>-10.11 | 15.83<br>0.19<br>-10.52 | 16.07<br>0.15<br>-10.99 | 17.85<br>0.18<br>-10.49 | 17.47<br>0.16<br>-10.57 | 16.82<br>0.14<br>-10.20 | 17.64<br>0.12<br>-10.19 | 17.42<br>0.08<br>-9.75  | 17.41<br>0.14<br>-9.33  | 16.76<br>0.09<br>-9.45  | 17.35<br>0.10<br>-9.32  | 17.82<br>0.12<br>-9.77  | 18.79<br>0.15<br>-10.69 | 20.19<br>0.14<br>-12.13 | 21.49<br>0.24<br>-13.33 | 22.10<br>0.21<br>-13.97  | 19.76<br>0.20<br>-11.65 | 16.05<br>0.18<br>-10.52 | 15.78<br>0.26<br>-10.38 |
| BETHPAGE_CC_5<br>323564                 | 72.63<br>0.59<br>-66.91 | 60.57<br>0.57<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.56<br>0.44<br>-49.06 | 54.35<br>0.45<br>-49.84 | 58.10<br>0.57<br>-52.38 | 55.33<br>0.59<br>-49.61 | 56.16<br>0.55<br>-50.68 | 56.34<br>0.83<br>-48.33 | 56.72<br>0.79<br>-49.20 | 58.12<br>0.74<br>-50.90 | 64.00<br>0.83<br>-55.84 | 56.11<br>0.88<br>-47.65 | 56.12<br>0.94<br>-47.25 | 56.13<br>0.86<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.02<br>0.98<br>-66.11 | 78.10<br>0.95<br>-69.20 | 79.19<br>0.95<br>-70.32 | 85.54<br>0.97<br>-76.64 | 104.14<br>0.97<br>-95.25 | 80.55<br>0.96<br>-71.68 | 74.98<br>0.66<br>-68.96 | 65.68<br>0.63<br>-59.91 |
| BIGTREE_115_KV_TB2_REV_LBMP_A<br>345034 | 16.20<br>0.20<br>-10.87 | 15.89<br>0.24<br>-10.51 | 14.68<br>0.16<br>-10.46 | 14.55<br>0.16<br>-10.33 | 14.60<br>0.20<br>-10.34 | 15.63<br>0.26<br>-10.22 | 15.97<br>0.21<br>-10.63 | 16.21<br>0.17<br>-11.11 | 17.99<br>0.20<br>-10.61 | 17.61<br>0.18<br>-10.69 | 16.96<br>0.17<br>-10.31 | 17.78<br>0.15<br>-10.30 | 17.55<br>0.11<br>-9.86  | 17.54<br>0.17<br>-9.44  | 16.89<br>0.11<br>-9.56  | 17.48<br>0.13<br>-9.43  | 17.96<br>0.15<br>-9.87  | 18.93<br>0.17<br>-10.81 | 20.35<br>0.17<br>-12.27 | 21.68<br>0.28<br>-13.48 | 22.29<br>0.25<br>-14.12  | 19.92<br>0.23<br>-11.77 | 16.19<br>0.20<br>-10.63 | 15.91<br>0.27<br>-10.50 |
| BINGHAMTON___COGEN<br>23790             | 27.30<br>0.19<br>-21.98 | 26.59<br>0.19<br>-21.25 | 25.35<br>0.15<br>-21.14 | 25.09<br>0.14<br>-20.89 | 25.11<br>0.15<br>-20.89 | 26.01<br>0.20<br>-20.66 | 26.81<br>0.19<br>-21.49 | 27.57<br>0.19<br>-22.46 | 28.87<br>0.27<br>-21.41 | 28.56<br>0.25<br>-21.58 | 27.54<br>0.25<br>-20.81 | 28.39<br>0.27<br>-20.80 | 27.76<br>0.27<br>-19.90 | 27.29<br>0.31<br>-19.05 | 26.80<br>0.26<br>-19.32 | 27.28<br>0.30<br>-19.06 | 28.22<br>0.33<br>-19.96 | 30.14<br>0.34<br>-21.85 | 32.71<br>0.32<br>-24.47 | 35.15<br>0.34<br>-26.89 | 36.44<br>0.35<br>-28.17  | 31.74<br>0.34<br>-23.49 | 26.81<br>0.23<br>-21.22 | 26.31<br>0.22<br>-20.94 |
| BLACK RIVER___HYD<br>24047              | 8.08<br>-0.13<br>-3.08  | 7.99<br>-0.13<br>-2.98  | 6.89<br>-0.13<br>-2.96  | 6.87<br>-0.11<br>-2.93  | 6.88<br>-0.11<br>-2.93  | 7.92<br>-0.12<br>-2.89  | 8.00<br>-0.13<br>-3.01  | 7.99<br>-0.08<br>-3.15  | 10.05<br>-0.13<br>-3.00 | 9.60<br>-0.15<br>-3.02  | 9.20<br>-0.19<br>-2.92  | 10.03<br>-0.21<br>-2.91 | 10.16<br>-0.21<br>-2.79 | 10.36<br>-0.24<br>-2.67 | 9.68<br>-0.25<br>-2.71  | 10.31<br>-0.28<br>-2.67 | 10.46<br>-0.27<br>-2.80 | 10.81<br>-0.20<br>-3.06 | 11.87<br>-0.14<br>-4.10 | 12.33<br>-0.09<br>-4.50 | 12.54<br>-0.09<br>-4.71  | 11.74<br>-0.10<br>-3.93 | 8.80<br>-0.11<br>-3.55  | 8.56<br>-0.09<br>-3.50  |
| BLISS_WT_PWR<br>323608                  | 17.38<br>0.31<br>-11.93 | 17.05<br>0.37<br>-11.54 | 15.80<br>0.26<br>-11.48 | 15.64<br>0.24<br>-11.34 | 15.68<br>0.27<br>-11.34 | 16.71<br>0.35<br>-11.22 | 17.11<br>0.31<br>-11.67 | 17.40<br>0.28<br>-12.19 | 19.19<br>0.37<br>-11.64 | 18.82<br>0.36<br>-11.73 | 18.14<br>0.35<br>-11.31 | 18.91<br>0.29<br>-11.30 | 18.64<br>0.33<br>-10.82 | 18.62<br>0.33<br>-10.35 | 17.96<br>0.25<br>-10.49 | 18.57<br>0.30<br>-10.35 | 19.11<br>0.33<br>-10.84 | 20.14<br>0.33<br>-11.86 | 21.67<br>0.32<br>-13.44 | 23.16<br>0.47<br>-14.77 | 23.83<br>0.44<br>-15.47  | 21.22<br>0.40<br>-12.90 | 17.32<br>0.31<br>-11.66 | 17.01<br>0.37<br>-11.50 |
| BLUE_CIRC_CHEM_DRP<br>24182             | 68.47<br>0.27<br>-63.06 | 66.39<br>0.27<br>-60.97 | 64.93<br>0.22<br>-60.65 | 64.20<br>0.21<br>-59.93 | 64.22<br>0.22<br>-59.94 | 64.69<br>0.27<br>-59.27 | 67.06<br>0.27<br>-61.66 | 69.61<br>0.26<br>-64.42 | 69.00<br>0.39<br>-61.43 | 69.00<br>0.36<br>-61.90 | 66.54<br>0.35<br>-59.71 | 67.37<br>0.39<br>-59.66 | 65.09<br>0.40<br>-57.10 | 63.00<br>0.43<br>-54.64 | 63.02<br>0.38<br>-55.41 | 63.01<br>0.42<br>-54.67 | 65.62<br>0.42<br>-57.26 | 71.04<br>0.42<br>-62.68 | 81.63<br>0.40<br>-73.32 | 88.89<br>0.40<br>-80.56 | 92.71<br>0.40<br>-84.38  | 78.69<br>0.41<br>-70.37 | 69.20<br>0.28<br>-63.57 | 68.13<br>0.26<br>-62.73 |
| BOC_GAS_DRP<br>24189                    | 68.44<br>0.24<br>-63.06 | 66.36<br>0.24<br>-60.97 | 64.91<br>0.20<br>-60.65 | 64.18<br>0.19<br>-59.93 | 64.20<br>0.19<br>-59.94 | 64.66<br>0.24<br>-59.27 | 67.03<br>0.24<br>-61.66 | 69.58<br>0.23<br>-64.42 | 68.96<br>0.35<br>-61.43 | 68.97<br>0.33<br>-61.90 | 66.51<br>0.32<br>-59.71 | 67.35<br>0.37<br>-59.66 | 65.06<br>0.38<br>-57.10 | 62.97<br>0.40<br>-54.64 | 63.00<br>0.36<br>-55.41 | 62.99<br>0.40<br>-54.67 | 65.60<br>0.40<br>-57.26 | 71.03<br>0.41<br>-62.68 | 81.61<br>0.38<br>-73.32 | 88.86<br>0.38<br>-80.56 | 92.68<br>0.38<br>-84.38  | 78.66<br>0.38<br>-70.37 | 69.19<br>0.26<br>-63.57 | 68.11<br>0.24<br>-62.73 |
| BORALEX_4TH_BRANCH<br>23824             | 71.28<br>0.27<br>-65.88 | 69.09<br>0.25<br>-63.70 | 67.63<br>0.21<br>-63.36 | 66.86<br>0.20<br>-62.61 | 66.89<br>0.20<br>-62.62 | 67.32<br>0.25<br>-61.92 | 69.80<br>0.26<br>-64.42 | 72.50<br>0.27<br>-67.30 | 71.79<br>0.44<br>-64.18 | 71.85<br>0.44<br>-64.67 | 69.28<br>0.43<br>-62.38 | 70.13<br>0.48<br>-62.32 | 67.71<br>0.48<br>-59.65 | 65.49<br>0.48<br>-57.08 | 65.53<br>0.42<br>-57.89 | 65.51<br>0.47<br>-57.12 | 68.26<br>0.51<br>-59.82 | 73.95<br>0.52<br>-65.48 | 80.09<br>0.51<br>-71.66 | 87.23<br>0.57<br>-78.73 | 90.94<br>0.55<br>-82.47  | 77.21<br>0.52<br>-68.77 | 67.84<br>0.36<br>-62.13 | 66.76<br>0.30<br>-61.31 |
| BOWLINE___1<br>23526                    | 54.02<br>0.39<br>-48.49 | 52.40<br>0.37<br>-46.89 | 51.00<br>0.30<br>-46.64 | 50.43<br>0.29<br>-46.09 | 50.45<br>0.29<br>-46.09 | 51.10<br>0.38<br>-45.58 | 52.94<br>0.39<br>-47.42 | 54.84<br>0.37<br>-49.54 | 54.98<br>0.56<br>-47.24 | 54.87<br>0.53<br>-47.60 | 52.91<br>0.52<br>-45.92 | 53.79<br>0.59<br>-45.88 | 52.12<br>0.62<br>-43.91 | 50.62<br>0.67<br>-42.02 | 50.45<br>0.61<br>-42.61 | 50.63<br>0.67<br>-42.04 | 52.67<br>0.70<br>-44.03 | 56.85<br>0.70<br>-48.20 | 63.52<br>0.69<br>-54.91 | 68.96<br>0.70<br>-60.34 | 71.83<br>0.71<br>-63.20  | 61.32<br>0.70<br>-52.70 | 53.43<br>0.46<br>-47.61 | 52.55<br>0.42<br>-46.98 |
| BOWLINE___2<br>23595                    | 54.02<br>0.39<br>-48.50 | 52.41<br>0.37<br>-46.89 | 51.00<br>0.30<br>-46.64 | 50.43<br>0.29<br>-46.09 | 50.45<br>0.29<br>-46.10 | 51.11<br>0.38<br>-45.58 | 52.94<br>0.39<br>-47.42 | 54.84<br>0.37<br>-49.55 | 54.99<br>0.57<br>-47.25 | 54.87<br>0.53<br>-47.61 | 52.91<br>0.52<br>-45.92 | 53.79<br>0.59<br>-45.88 | 52.12<br>0.62<br>-43.91 | 50.62<br>0.67<br>-42.02 | 50.45<br>0.61<br>-42.62 | 50.63<br>0.67<br>-42.05 | 52.67<br>0.70<br>-44.03 | 56.85<br>0.70<br>-48.20 | 63.52<br>0.69<br>-54.92 | 68.97<br>0.70<br>-60.34 | 71.84<br>0.71<br>-63.20  | 61.32<br>0.70<br>-52.71 | 53.43<br>0.46<br>-47.61 | 52.56<br>0.42<br>-46.99 |
| BRANSCOMB___SOLAR<br>323811             | 74.36<br>0.30<br>-68.93 | 72.08<br>0.28<br>-66.65 | 70.58<br>0.22<br>-66.29 | 69.79<br>0.23<br>-65.51 | 69.82<br>0.23<br>-65.52 | 70.23<br>0.29<br>-64.79 | 72.84<br>0.31<br>-67.40 | 75.66<br>0.32<br>-70.42 | 74.81<br>0.48<br>-67.15 | 74.84<br>0.44<br>-67.67 | 72.15<br>0.41<br>-65.27 | 73.00<br>0.46<br>-65.21 | 70.45<br>0.46<br>-62.41 | 68.11<br>0.45<br>-59.73 | 68.19<br>0.40<br>-60.57 | 68.14<br>0.45<br>-59.76 | 71.04<br>0.51<br>-62.59 | 76.99<br>0.53<br>-68.51 | 82.82<br>0.58<br>-74.32 | 90.21<br>0.63<br>-81.66 | 94.08<br>0.62<br>-85.54  | 79.82<br>0.57<br>-71.33 | 70.19<br>0.39<br>-64.44 | 69.08<br>0.34<br>-63.59 |
| BROOKHAVEN___DRP<br>24191               | 72.65<br>0.61<br>-66.91 | 60.57<br>0.57<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.57<br>0.45<br>-49.06 | 54.36<br>0.46<br>-49.84 | 58.12<br>0.59<br>-52.38 | 55.36<br>0.62<br>-49.61 | 56.15<br>0.54<br>-50.68 | 56.32<br>0.80<br>-48.33 | 56.69<br>0.75<br>-49.20 | 58.06<br>0.69<br>-50.90 | 63.94<br>0.77<br>-55.84 | 56.05<br>0.81<br>-47.65 | 56.06<br>0.87<br>-47.25 | 56.07<br>0.79<br>-48.05 | 60.14<br>0.86<br>-51.36 | 74.97<br>0.92<br>-66.11 | 78.08<br>0.94<br>-69.20 | 79.18<br>0.94<br>-70.32 | 85.54<br>0.97<br>-76.64 | 104.13<br>0.97<br>-95.25 | 80.55<br>0.96<br>-71.68 | 74.99<br>0.68<br>-68.96 | 65.68<br>0.62<br>-59.91 |
| BROOKLYN_NAVY_YARD<br>23515             | 55.16<br>0.42<br>-49.60 | 53.50<br>0.40<br>-47.96 | 52.08<br>0.32<br>-47.71 | 51.50<br>0.30<br>-47.14 | 51.53<br>0.31<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.05<br>0.42<br>-48.50 | 56.00<br>0.39<br>-50.67 | 56.10<br>0.60<br>-48.32 | 55.99<br>0.56<br>-48.69 | 53.98<br>0.54<br>-46.97 | 54.87<br>0.62<br>-46.93 | 53.15<br>0.65<br>-44.91 | 51.62<br>0.71<br>-42.98 | 51.46<br>0.65<br>-43.59 | 51.62<br>0.70<br>-43.00 | 53.72<br>0.74<br>-45.04 | 57.98<br>0.73<br>-49.30 | 65.20<br>0.74<br>-56.55 | 70.81<br>0.75<br>-62.13 | 73.75<br>0.75<br>-65.08  | 62.93<br>0.74<br>-54.27 | 54.88<br>0.50<br>-49.03 | 53.99<br>0.46<br>-48.38 |

|                                  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BROOKLYN___ARMY_DRP<br>323595    | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08  | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| BROOME_2_LFGE<br>323671          | 27.30<br>0.19<br>-21.98 | 26.59<br>0.19<br>-21.25 | 25.35<br>0.15<br>-21.14 | 25.09<br>0.14<br>-20.89 | 25.11<br>0.15<br>-20.89 | 26.01<br>0.20<br>-20.66 | 26.81<br>0.19<br>-21.49 | 27.57<br>0.19<br>-22.46 | 28.87<br>0.27<br>-21.41 | 28.56<br>0.25<br>-21.58 | 27.54<br>0.25<br>-20.81 | 28.39<br>0.27<br>-20.80 | 27.76<br>0.27<br>-19.90 | 27.29<br>0.31<br>-19.05 | 26.80<br>0.26<br>-19.32 | 27.28<br>0.30<br>-19.06 | 28.22<br>0.33<br>-19.96 | 30.14<br>0.34<br>-21.85 | 32.71<br>0.32<br>-24.47 | 35.15<br>0.34<br>-26.89 | 36.44<br>0.35<br>-28.17  | 31.74<br>0.34<br>-23.49 | 26.81<br>0.23<br>-21.22 | 26.31<br>0.22<br>-20.94 |
| BROOME___LFGE<br>323600          | 27.30<br>0.19<br>-21.98 | 26.59<br>0.19<br>-21.25 | 25.35<br>0.15<br>-21.14 | 25.09<br>0.14<br>-20.89 | 25.11<br>0.15<br>-20.89 | 26.01<br>0.20<br>-20.66 | 26.81<br>0.19<br>-21.49 | 27.57<br>0.19<br>-22.46 | 28.87<br>0.27<br>-21.41 | 28.56<br>0.25<br>-21.58 | 27.54<br>0.25<br>-20.81 | 28.39<br>0.27<br>-20.80 | 27.76<br>0.27<br>-19.90 | 27.29<br>0.31<br>-19.05 | 26.80<br>0.26<br>-19.32 | 27.28<br>0.30<br>-19.06 | 28.22<br>0.33<br>-19.96 | 30.14<br>0.34<br>-21.85 | 32.71<br>0.32<br>-24.47 | 35.15<br>0.34<br>-26.89 | 36.44<br>0.35<br>-28.17  | 31.74<br>0.34<br>-23.49 | 26.81<br>0.23<br>-21.22 | 26.31<br>0.22<br>-20.94 |
| BURROWS___LYONSDAL<br>23803      | 6.53<br>-0.04<br>-1.43  | 6.49<br>-0.04<br>-1.39  | 5.41<br>-0.03<br>-1.38  | 5.39<br>-0.03<br>-1.36  | 5.39<br>-0.03<br>-1.36  | 6.47<br>-0.03<br>-1.35  | 6.50<br>-0.03<br>-1.40  | 6.39<br>0.00<br>-1.46   | 8.57<br>0.00<br>-1.40   | 8.14<br>0.00<br>-1.41   | 7.81<br>-0.03<br>-1.36  | 8.65<br>-0.03<br>-1.36  | 8.85<br>-0.03<br>-1.30  | 9.13<br>-0.05<br>-1.24  | 8.42<br>-0.06<br>-1.26  | 9.09<br>-0.07<br>-1.24  | 9.18<br>-0.06<br>-1.30  | 9.35<br>-0.02<br>-1.42  | 10.69<br>0.00<br>-2.78  | 10.99<br>0.02<br>-3.05  | 11.13<br>0.02<br>-3.20   | 10.60<br>0.02<br>-2.67  | 7.75<br>-0.02<br>-2.41  | 7.51<br>-0.01<br>-2.38  |
| CAITHNESS_CC_1<br>323624         | 72.65<br>0.61<br>-66.91 | 60.58<br>0.58<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.58<br>0.46<br>-49.06 | 54.36<br>0.46<br>-49.84 | 58.12<br>0.59<br>-52.38 | 55.36<br>0.62<br>-49.61 | 56.15<br>0.54<br>-50.68 | 56.32<br>0.81<br>-48.33 | 56.70<br>0.77<br>-49.20 | 58.08<br>0.70<br>-50.90 | 63.95<br>0.78<br>-55.84 | 56.06<br>0.83<br>-47.65 | 56.07<br>0.89<br>-47.25 | 56.08<br>0.81<br>-48.05 | 60.16<br>0.88<br>-51.36 | 74.98<br>0.94<br>-66.11 | 78.09<br>0.95<br>-69.20 | 79.19<br>0.95<br>-70.32 | 85.55<br>0.98<br>-76.64 | 104.14<br>0.97<br>-95.25 | 80.56<br>0.97<br>-71.68 | 74.99<br>0.68<br>-68.96 | 65.68<br>0.63<br>-59.91 |
| CALPINE BETH_PAGE_GT4<br>24209   | 72.62<br>0.59<br>-66.91 | 60.56<br>0.56<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.56<br>0.44<br>-49.06 | 54.34<br>0.44<br>-49.84 | 58.09<br>0.57<br>-52.38 | 55.32<br>0.58<br>-49.61 | 56.16<br>0.55<br>-50.68 | 56.34<br>0.83<br>-48.33 | 56.72<br>0.78<br>-49.20 | 58.12<br>0.74<br>-50.90 | 64.00<br>0.83<br>-55.84 | 56.11<br>0.88<br>-47.65 | 56.12<br>0.94<br>-47.25 | 56.13<br>0.86<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.02<br>0.98<br>-66.11 | 78.08<br>0.94<br>-69.20 | 79.17<br>0.93<br>-70.32 | 85.52<br>0.96<br>-76.64 | 104.13<br>0.96<br>-95.25 | 80.54<br>0.94<br>-71.68 | 74.96<br>0.65<br>-68.96 | 65.68<br>0.62<br>-59.91 |
| CALPINE_BETH_PAGE_GT_4<br>323586 | 72.62<br>0.59<br>-66.91 | 60.56<br>0.56<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.56<br>0.44<br>-49.06 | 54.34<br>0.44<br>-49.84 | 58.09<br>0.57<br>-52.38 | 55.32<br>0.58<br>-49.61 | 56.16<br>0.55<br>-50.68 | 56.34<br>0.83<br>-48.33 | 56.72<br>0.78<br>-49.20 | 58.12<br>0.74<br>-50.90 | 64.00<br>0.83<br>-55.84 | 56.11<br>0.88<br>-47.65 | 56.12<br>0.94<br>-47.25 | 56.13<br>0.86<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.02<br>0.98<br>-66.11 | 78.08<br>0.94<br>-69.20 | 79.17<br>0.93<br>-70.32 | 85.52<br>0.96<br>-76.64 | 104.13<br>0.96<br>-95.25 | 80.54<br>0.94<br>-71.68 | 74.96<br>0.65<br>-68.96 | 65.68<br>0.62<br>-59.91 |
| CALPINE_BP_GT1<br>23823          | 72.62<br>0.59<br>-66.91 | 60.56<br>0.56<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.56<br>0.44<br>-49.06 | 54.34<br>0.44<br>-49.84 | 58.09<br>0.57<br>-52.38 | 55.32<br>0.58<br>-49.61 | 56.16<br>0.55<br>-50.68 | 56.34<br>0.83<br>-48.33 | 56.72<br>0.78<br>-49.20 | 58.12<br>0.74<br>-50.90 | 64.00<br>0.83<br>-55.84 | 56.11<br>0.88<br>-47.65 | 56.12<br>0.94<br>-47.25 | 56.13<br>0.86<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.02<br>0.98<br>-66.11 | 78.08<br>0.94<br>-69.20 | 79.17<br>0.93<br>-70.32 | 85.52<br>0.96<br>-76.64 | 104.13<br>0.96<br>-95.25 | 80.54<br>0.94<br>-71.68 | 74.96<br>0.65<br>-68.96 | 65.68<br>0.62<br>-59.91 |
| CALSPAN___DRP<br>24200           | 16.07<br>0.18<br>-10.75 | 15.76<br>0.22<br>-10.40 | 14.55<br>0.15<br>-10.34 | 14.42<br>0.15<br>-10.22 | 14.47<br>0.19<br>-10.22 | 15.50<br>0.24<br>-10.11 | 15.83<br>0.19<br>-10.52 | 16.07<br>0.15<br>-10.99 | 17.85<br>0.18<br>-10.49 | 17.47<br>0.16<br>-10.57 | 16.82<br>0.14<br>-10.20 | 17.64<br>0.12<br>-10.19 | 17.42<br>0.08<br>-9.75  | 17.41<br>0.14<br>-9.33  | 16.76<br>0.09<br>-9.45  | 17.35<br>0.10<br>-9.32  | 17.82<br>0.12<br>-9.77  | 18.79<br>0.15<br>-10.69 | 20.19<br>0.14<br>-12.13 | 21.49<br>0.24<br>-13.33 | 22.10<br>0.21<br>-13.97  | 19.76<br>0.20<br>-11.65 | 16.05<br>0.18<br>-10.52 | 15.78<br>0.26<br>-10.38 |
| CANDIGU_WT_PWR<br>323617         | 20.33<br>0.23<br>-14.97 | 19.86<br>0.24<br>-14.47 | 18.63<br>0.17<br>-14.40 | 18.46<br>0.17<br>-14.23 | 18.50<br>0.20<br>-14.23 | 19.48<br>0.26<br>-14.07 | 20.00<br>0.24<br>-14.64 | 20.45<br>0.23<br>-15.29 | 22.07<br>0.31<br>-14.59 | 21.73<br>0.30<br>-14.70 | 20.94<br>0.28<br>-14.18 | 21.78<br>0.29<br>-14.17 | 21.39<br>0.25<br>-13.56 | 21.22<br>0.32<br>-12.97 | 20.63<br>0.25<br>-13.15 | 21.20<br>0.30<br>-12.98 | 21.86<br>0.33<br>-13.59 | 23.18<br>0.36<br>-14.88 | 25.04<br>0.32<br>-16.81 | 26.79<br>0.40<br>-18.47 | 27.66<br>0.40<br>-19.34  | 24.42<br>0.37<br>-16.13 | 20.20<br>0.27<br>-14.57 | 19.80<br>0.28<br>-14.38 |
| CARR STREET_E_SYR<br>24060       | 11.23<br>0.00<br>-6.09  | 11.04<br>0.01<br>-5.89  | 9.91<br>-0.01<br>-5.86  | 9.84<br>0.00<br>-5.79   | 9.86<br>0.00<br>-5.79   | 10.89<br>0.01<br>-5.73  | 11.08<br>-0.01<br>-5.96 | 11.16<br>0.00<br>-6.22  | 13.12<br>0.01<br>-5.93  | 12.72<br>0.00<br>-5.98  | 12.25<br>0.01<br>-5.77  | 13.10<br>0.01<br>-5.76  | 13.10<br>0.00<br>-5.52  | 13.23<br>0.02<br>-5.28  | 12.58<br>0.01<br>-5.35  | 13.21<br>0.01<br>-5.28  | 13.49<br>0.02<br>-5.53  | 14.04<br>0.04<br>-6.05  | 15.03<br>0.02<br>-7.09  | 15.75<br>0.03<br>-7.79  | 16.12<br>0.03<br>-8.16   | 14.75<br>0.03<br>-6.81  | 11.53<br>0.02<br>-6.15  | 11.24<br>0.03<br>-6.07  |
| CARTHAGE___PAPER<br>23857        | 7.62<br>-0.15<br>-2.63  | 7.53<br>-0.15<br>-2.54  | 6.45<br>-0.14<br>-2.53  | 6.44<br>-0.12<br>-2.50  | 6.44<br>-0.13<br>-2.50  | 7.48<br>-0.14<br>-2.47  | 7.56<br>-0.14<br>-2.57  | 7.51<br>-0.10<br>-2.69  | 9.59<br>-0.15<br>-2.56  | 9.15<br>-0.17<br>-2.58  | 8.76<br>-0.21<br>-2.49  | 9.57<br>-0.24<br>-2.49  | 9.74<br>-0.23<br>-2.38  | 9.93<br>-0.28<br>-2.28  | 9.27<br>-0.27<br>-2.31  | 9.89<br>-0.31<br>-2.28  | 10.02<br>-0.31<br>-2.39 | 10.32<br>-0.24<br>-2.62 | 11.43<br>-0.17<br>-3.68 | 11.83<br>-0.13<br>-4.04 | 12.02<br>-0.13<br>-4.23  | 11.30<br>-0.14<br>-3.53 | 8.42<br>-0.13<br>-3.19  | 8.17<br>-0.12<br>-3.15  |
| CASSADAGA_WT_PWR<br>323784       | 17.09<br>0.27<br>-11.69 | 16.76<br>0.31<br>-11.30 | 15.52<br>0.22<br>-11.24 | 15.40<br>0.23<br>-11.11 | 15.46<br>0.28<br>-11.11 | 16.51<br>0.38<br>-10.99 | 16.89<br>0.33<br>-11.43 | 17.18<br>0.31<br>-11.94 | 19.03<br>0.45<br>-11.40 | 18.66<br>0.43<br>-11.49 | 17.96<br>0.40<br>-11.08 | 18.79<br>0.40<br>-11.07 | 18.53<br>0.35<br>-10.60 | 18.51<br>0.44<br>-10.14 | 17.84<br>0.35<br>-10.27 | 18.46<br>0.40<br>-10.14 | 18.98<br>0.42<br>-10.62 | 20.01<br>0.44<br>-11.62 | 21.51<br>0.42<br>-13.17 | 22.94<br>0.54<br>-14.48 | 23.57<br>0.48<br>-15.16  | 20.97<br>0.41<br>-12.64 | 17.06<br>0.28<br>-11.42 | 16.72<br>0.31<br>-11.27 |
| CE_DUNWOOD___DRP<br>24194        | 55.06<br>0.41<br>-49.52 | 53.41<br>0.39<br>-47.88 | 52.00<br>0.31<br>-47.62 | 51.42<br>0.30<br>-47.06 | 51.44<br>0.31<br>-47.07 | 52.08<br>0.39<br>-46.54 | 53.96<br>0.41<br>-48.42 | 55.90<br>0.39<br>-50.59 | 56.01<br>0.60<br>-48.24 | 55.90<br>0.55<br>-48.61 | 53.91<br>0.54<br>-46.89 | 54.79<br>0.62<br>-46.85 | 53.07<br>0.65<br>-44.84 | 51.54<br>0.70<br>-42.91 | 51.38<br>0.64<br>-43.51 | 51.55<br>0.70<br>-42.93 | 53.63<br>0.73<br>-44.96 | 57.89<br>0.73<br>-49.22 | 65.06<br>0.72<br>-56.42 | 70.66<br>0.74<br>-61.99 | 73.60<br>0.74<br>-64.93  | 62.79<br>0.73<br>-54.15 | 54.76<br>0.48<br>-48.92 | 53.87<br>0.45<br>-48.27 |
| CE_MILLWOOD___DRP<br>24193       | 54.91<br>0.41<br>-49.37 | 53.26<br>0.38<br>-47.74 | 51.85<br>0.30<br>-47.48 | 51.27<br>0.30<br>-46.92 | 51.29<br>0.30<br>-46.93 | 51.94<br>0.39<br>-46.40 | 53.80<br>0.40<br>-48.27 | 55.74<br>0.38<br>-50.44 | 55.86<br>0.58<br>-48.10 | 55.75<br>0.55<br>-48.46 | 53.75<br>0.53<br>-46.75 | 54.63<br>0.60<br>-46.71 | 52.93<br>0.64<br>-44.70 | 51.39<br>0.68<br>-42.78 | 51.23<br>0.63<br>-43.38 | 51.41<br>0.68<br>-42.80 | 53.49<br>0.72<br>-44.83 | 57.73<br>0.72<br>-49.07 | 64.82<br>0.70<br>-56.20 | 70.40<br>0.73<br>-61.75 | 73.33<br>0.73<br>-64.68  | 62.58<br>0.72<br>-53.94 | 54.56<br>0.48<br>-48.73 | 53.66<br>0.43<br>-48.09 |



|                              |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                         |                         |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| CE_NYC2_DRP<br>24202         | 55.20<br>0.46<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.91<br>0.65<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.76<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30  | 65.25<br>0.78<br>-56.55  | 70.85<br>0.79<br>-62.14  | 73.81<br>0.80<br>-65.08  | 62.99<br>0.80<br>-54.28  | 54.91<br>0.53<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| CE_NYC_DRP<br>24195          | 55.18<br>0.45<br>-49.60 | 53.53<br>0.42<br>-47.96 | 52.10<br>0.34<br>-47.70 | 51.52<br>0.32<br>-47.14 | 51.55<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.14<br>0.64<br>-48.32 | 56.02<br>0.59<br>-48.69 | 54.02<br>0.58<br>-46.97 | 54.91<br>0.66<br>-46.93 | 53.20<br>0.70<br>-44.91 | 51.66<br>0.75<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.67<br>0.74<br>-43.00 | 53.75<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30  | 65.24<br>0.78<br>-56.55  | 70.85<br>0.79<br>-62.13  | 73.79<br>0.79<br>-65.08  | 62.97<br>0.78<br>-54.27  | 54.90<br>0.52<br>-49.03 | 54.01<br>0.48<br>-48.38 |
| CHAFEE__LFGE<br>323603       | 16.62<br>0.21<br>-11.28 | 16.30<br>0.25<br>-10.91 | 15.08<br>0.17<br>-10.85 | 14.94<br>0.16<br>-10.72 | 14.99<br>0.20<br>-10.73 | 16.01<br>0.26<br>-10.61 | 16.37<br>0.21<br>-11.03 | 16.63<br>0.18<br>-11.53 | 18.40<br>0.22<br>-11.01 | 18.02<br>0.19<br>-11.09 | 17.36<br>0.18<br>-10.70 | 18.17<br>0.15<br>-10.69 | 17.93<br>0.11<br>-10.23 | 17.90<br>0.18<br>-9.79  | 17.25<br>0.12<br>-9.92  | 17.85<br>0.14<br>-9.78  | 18.34<br>0.16<br>-10.25 | 19.35<br>0.18<br>-11.22  | 20.81<br>0.17<br>-12.72  | 22.18<br>0.28<br>-13.98  | 22.81<br>0.25<br>-14.64  | 20.36<br>0.24<br>-12.21  | 16.59<br>0.20<br>-11.03 | 16.31<br>0.28<br>-10.89 |
| CHATEAUG_WT_PWR<br>323614    | 5.05<br>-0.09<br>0.00   | 5.04<br>-0.11<br>0.00   | 3.98<br>-0.08<br>0.00   | 3.98<br>-0.07<br>0.00   | 3.97<br>-0.09<br>0.00   | 5.03<br>-0.12<br>0.00   | 5.04<br>-0.09<br>0.00   | 4.82<br>-0.10<br>0.00   | 7.00<br>-0.18<br>0.00   | 6.56<br>-0.18<br>0.00   | 6.31<br>-0.17<br>0.00   | 7.13<br>-0.20<br>0.00   | 7.40<br>-0.19<br>0.00   | 7.71<br>-0.22<br>0.00   | 7.03<br>-0.19<br>0.00   | 7.70<br>-0.22<br>0.00   | 7.68<br>-0.25<br>0.00   | 7.70<br>-0.25<br>0.00    | 7.73<br>-0.18<br>0.00    | 7.72<br>-0.21<br>0.00    | 7.71<br>-0.21<br>0.00    | 7.71<br>-0.21<br>0.00    | 5.21<br>-0.14<br>0.00   | 4.99<br>-0.15<br>0.00   |
| CHAT_HIGH_FALL_HYD<br>323578 | 5.05<br>-0.09<br>0.00   | 5.04<br>-0.10<br>0.00   | 3.98<br>-0.08<br>0.00   | 3.98<br>-0.07<br>0.00   | 3.97<br>-0.09<br>0.00   | 5.03<br>-0.12<br>0.00   | 5.05<br>-0.08<br>0.00   | 4.83<br>-0.10<br>0.00   | 7.01<br>-0.17<br>0.00   | 6.57<br>-0.17<br>0.00   | 6.31<br>-0.17<br>0.00   | 7.14<br>-0.19<br>0.00   | 7.40<br>-0.18<br>0.00   | 7.72<br>-0.21<br>0.00   | 7.04<br>-0.18<br>0.00   | 7.72<br>-0.20<br>0.00   | 7.70<br>-0.24<br>0.00   | 7.72<br>-0.22<br>0.00    | 7.76<br>-0.16<br>0.00    | 7.73<br>-0.19<br>0.00    | 7.72<br>-0.20<br>0.00    | 7.72<br>-0.19<br>0.00    | 5.22<br>-0.14<br>0.00   | 5.00<br>-0.14<br>0.00   |
| CHAUTAUQUA__LFGE<br>323629   | 16.72<br>0.27<br>-11.32 | 16.40<br>0.31<br>-10.95 | 15.16<br>0.22<br>-10.89 | 15.04<br>0.22<br>-10.76 | 15.10<br>0.27<br>-10.76 | 16.14<br>0.36<br>-10.64 | 16.51<br>0.31<br>-11.07 | 16.77<br>0.28<br>-11.57 | 18.60<br>0.38<br>-11.04 | 18.22<br>0.36<br>-11.12 | 17.54<br>0.34<br>-10.73 | 18.38<br>0.34<br>-10.72 | 18.14<br>0.30<br>-10.26 | 18.13<br>0.38<br>-9.82  | 17.47<br>0.30<br>-9.95  | 18.08<br>0.34<br>-9.82  | 18.58<br>0.36<br>-10.28 | 19.59<br>0.39<br>-11.25  | 21.04<br>0.36<br>-12.76  | 22.42<br>0.48<br>-14.02  | 23.04<br>0.43<br>-14.69  | 20.55<br>0.39<br>-12.25  | 16.71<br>0.28<br>-11.06 | 16.39<br>0.33<br>-10.92 |
| CH_MIDHUDSON__DRP<br>24192   | 56.37<br>0.40<br>-50.84 | 54.68<br>0.38<br>-49.16 | 53.26<br>0.30<br>-48.90 | 52.67<br>0.29<br>-48.32 | 52.69<br>0.30<br>-48.33 | 53.32<br>0.38<br>-47.79 | 55.24<br>0.39<br>-49.71 | 57.24<br>0.37<br>-51.94 | 57.28<br>0.57<br>-49.53 | 57.18<br>0.53<br>-49.91 | 55.14<br>0.52<br>-48.14 | 56.02<br>0.59<br>-48.10 | 54.24<br>0.61<br>-46.04 | 52.64<br>0.66<br>-44.06 | 52.51<br>0.61<br>-44.68 | 52.66<br>0.66<br>-44.08 | 54.80<br>0.70<br>-46.16 | 59.18<br>0.70<br>-50.53  | 66.89<br>0.69<br>-58.29  | 72.67<br>0.70<br>-64.05  | 75.71<br>0.70<br>-67.08  | 64.55<br>0.70<br>-55.94  | 56.35<br>0.46<br>-50.54 | 55.43<br>0.42<br>-49.87 |
| CH_MISC_IPPS<br>23765        | 55.47<br>0.42<br>-49.91 | 53.80<br>0.40<br>-48.26 | 52.38<br>0.32<br>-48.00 | 51.80<br>0.31<br>-47.43 | 51.82<br>0.31<br>-47.44 | 52.47<br>0.41<br>-46.91 | 54.35<br>0.42<br>-48.80 | 56.31<br>0.39<br>-50.99 | 56.40<br>0.60<br>-48.62 | 56.29<br>0.56<br>-49.00 | 54.29<br>0.55<br>-47.26 | 55.17<br>0.62<br>-47.22 | 53.43<br>0.65<br>-45.19 | 51.88<br>0.70<br>-43.25 | 51.72<br>0.64<br>-43.86 | 51.89<br>0.70<br>-43.27 | 54.00<br>0.75<br>-45.32 | 58.31<br>0.76<br>-49.61  | 65.62<br>0.74<br>-56.97  | 71.27<br>0.75<br>-62.60  | 74.25<br>0.76<br>-65.56  | 63.33<br>0.74<br>-54.68  | 55.24<br>0.49<br>-49.39 | 54.33<br>0.44<br>-48.74 |
| CH_RES_BVR_FALLS<br>23983    | 3.05<br>-0.07<br>2.02   | 3.12<br>-0.08<br>1.95   | 2.06<br>-0.06<br>1.94   | 2.08<br>-0.06<br>1.92   | 2.08<br>-0.07<br>1.92   | 3.17<br>-0.09<br>1.89   | 3.07<br>-0.08<br>1.97   | 2.78<br>-0.08<br>2.06   | 5.09<br>-0.13<br>1.96   | 4.64<br>-0.11<br>1.98   | 4.46<br>-0.10<br>1.91   | 5.31<br>-0.11<br>1.91   | 5.65<br>-0.11<br>1.83   | 6.07<br>-0.11<br>1.75   | 5.36<br>-0.09<br>1.77   | 6.08<br>-0.09<br>1.75   | 6.00<br>-0.10<br>1.83   | 5.84<br>-0.10<br>2.00    | 7.82<br>-0.09<br>0.00    | 7.80<br>-0.12<br>0.00    | 7.77<br>-0.15<br>0.00    | 7.74<br>-0.17<br>0.00    | 5.23<br>-0.13<br>0.00   | 5.02<br>-0.13<br>0.00   |
| CH_RES_NIAGARA<br>23895      | 15.22<br>0.02<br>-10.07 | 14.94<br>0.06<br>-9.74  | 13.76<br>0.02<br>-9.68  | 13.64<br>0.01<br>-9.57  | 13.69<br>0.05<br>-9.57  | 14.69<br>0.07<br>-9.46  | 14.99<br>0.02<br>-9.85  | 15.27<br>0.05<br>-10.29 | 17.02<br>0.02<br>-9.82  | 16.63<br>0.00<br>-9.89  | 16.02<br>0.00<br>-9.54  | 16.82<br>-0.04<br>-9.53 | 16.63<br>-0.08<br>-9.13 | 16.63<br>-0.03<br>-8.73 | 16.00<br>-0.07<br>-8.85 | 16.59<br>-0.06<br>-8.73 | 16.89<br>-0.19<br>-9.14 | 17.80<br>-0.15<br>-10.01 | 19.12<br>-0.17<br>-11.37 | 20.33<br>-0.09<br>-12.50 | 20.90<br>-0.11<br>-13.09 | 18.72<br>-0.11<br>-10.92 | 15.20<br>-0.02<br>-9.86 | 14.96<br>0.09<br>-9.73  |
| CH_RES_SYRACUSE<br>23985     | 12.01<br>0.02<br>-6.86  | 11.79<br>0.02<br>-6.63  | 10.66<br>0.01<br>-6.59  | 10.58<br>0.01<br>-6.52  | 10.60<br>0.02<br>-6.52  | 11.62<br>0.03<br>-6.44  | 11.85<br>0.02<br>-6.70  | 11.96<br>0.03<br>-7.00  | 13.89<br>0.04<br>-6.68  | 13.50<br>0.03<br>-6.73  | 13.01<br>0.04<br>-6.49  | 13.86<br>0.04<br>-6.49  | 13.84<br>0.05<br>-6.21  | 13.93<br>0.06<br>-5.94  | 13.29<br>0.04<br>-6.02  | 13.91<br>0.05<br>-5.94  | 14.23<br>0.06<br>-6.22  | 14.84<br>0.08<br>-6.81   | 15.85<br>0.06<br>-7.87   | 16.64<br>0.07<br>-8.65   | 17.05<br>0.07<br>-9.06   | 15.53<br>0.06<br>-7.55   | 12.23<br>0.05<br>-6.82  | 11.93<br>0.05<br>-6.73  |
| CLINTON_WT_PWR<br>323605     | 5.05<br>-0.09<br>0.00   | 5.04<br>-0.11<br>0.00   | 3.98<br>-0.08<br>0.00   | 3.98<br>-0.07<br>0.00   | 3.97<br>-0.09<br>0.00   | 5.03<br>-0.12<br>0.00   | 5.04<br>-0.09<br>0.00   | 4.82<br>-0.10<br>0.00   | 7.00<br>-0.18<br>0.00   | 6.56<br>-0.18<br>0.00   | 6.31<br>-0.17<br>0.00   | 7.13<br>-0.20<br>0.00   | 7.40<br>-0.19<br>0.00   | 7.71<br>-0.22<br>0.00   | 7.03<br>-0.19<br>0.00   | 7.70<br>-0.22<br>0.00   | 7.68<br>-0.25<br>0.00   | 7.70<br>-0.25<br>0.00    | 7.73<br>-0.18<br>0.00    | 7.72<br>-0.21<br>0.00    | 7.71<br>-0.21<br>0.00    | 7.71<br>-0.21<br>0.00    | 5.21<br>-0.14<br>0.00   | 4.99<br>-0.15<br>0.00   |
| CLINTON__LFGE<br>323618      | 5.08<br>-0.05<br>0.00   | 5.08<br>-0.07<br>0.00   | 4.01<br>-0.05<br>0.00   | 4.02<br>-0.04<br>0.00   | 4.00<br>-0.07<br>0.00   | 5.07<br>-0.08<br>0.00   | 5.09<br>-0.04<br>0.00   | 4.86<br>-0.06<br>0.00   | 7.06<br>-0.12<br>0.00   | 6.62<br>-0.11<br>0.00   | 6.35<br>-0.12<br>0.00   | 7.18<br>-0.15<br>0.00   | 7.45<br>-0.14<br>0.00   | 7.76<br>-0.17<br>0.00   | 7.08<br>-0.14<br>0.00   | 7.77<br>-0.15<br>0.00   | 7.74<br>-0.20<br>0.00   | 7.77<br>-0.17<br>0.00    | 7.81<br>-0.10<br>0.00    | 7.80<br>-0.13<br>0.00    | 7.79<br>-0.13<br>0.00    | 7.79<br>-0.13<br>0.00    | 5.26<br>-0.10<br>0.00   | 5.03<br>-0.11<br>0.00   |
| COLONIE_LFGE__<br>323577     | 72.89<br>0.28<br>-67.48 | 70.65<br>0.26<br>-65.25 | 69.18<br>0.22<br>-64.90 | 68.40<br>0.21<br>-64.13 | 68.42<br>0.21<br>-64.14 | 68.84<br>0.26<br>-63.43 | 71.39<br>0.28<br>-65.98 | 74.15<br>0.28<br>-68.94 | 73.36<br>0.44<br>-65.74 | 73.40<br>0.42<br>-66.24 | 70.77<br>0.40<br>-63.90 | 71.62<br>0.45<br>-63.84 | 69.13<br>0.45<br>-61.10 | 66.85<br>0.44<br>-58.47 | 66.91<br>0.39<br>-59.30 | 66.87<br>0.44<br>-58.51 | 69.70<br>0.48<br>-61.27 | 75.52<br>0.50<br>-67.07  | 81.67<br>0.52<br>-73.23  | 88.95<br>0.56<br>-80.46  | 92.76<br>0.56<br>-84.28  | 78.72<br>0.52<br>-70.28  | 69.21<br>0.36<br>-63.49 | 68.11<br>0.31<br>-62.66 |
| COPENHAGEN_WT_PWR<br>323753  | 8.31<br>-0.12<br>-3.30  | 8.21<br>-0.12<br>-3.19  | 7.11<br>-0.12<br>-3.17  | 7.09<br>-0.10<br>-3.13  | 7.09<br>-0.11<br>-3.14  | 8.13<br>-0.12<br>-3.10  | 8.23<br>-0.13<br>-3.23  | 8.21<br>-0.08<br>-3.37  | 10.26<br>-0.13<br>-3.21 | 9.83<br>-0.15<br>-3.24  | 9.42<br>-0.18<br>-3.12  | 10.24<br>-0.21<br>-3.12 | 10.37<br>-0.20<br>-2.99 | 10.56<br>-0.23<br>-2.86 | 9.88<br>-0.24<br>-2.90  | 10.51<br>-0.27<br>-2.86 | 10.67<br>-0.26<br>-2.99 | 11.03<br>-0.19<br>-3.28  | 12.08<br>-0.13<br>-4.30  | 12.55<br>-0.09<br>-4.73  | 12.78<br>-0.09<br>-4.95  | 11.94<br>-0.10<br>-4.13  | 8.99<br>-0.10<br>-3.73  | 8.74<br>-0.09<br>-3.68  |

|                                 |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CORNELL____<br>23752            | 20.66<br>0.18<br>-15.34 | 20.16<br>0.18<br>-14.83 | 18.95<br>0.13<br>-14.75 | 18.77<br>0.13<br>-14.58 | 18.79<br>0.15<br>-14.58 | 19.76<br>0.20<br>-14.42 | 20.32<br>0.19<br>-15.00 | 20.79<br>0.19<br>-15.67 | 22.39<br>0.27<br>-14.94 | 22.04<br>0.25<br>-15.06 | 21.25<br>0.25<br>-14.52 | 22.10<br>0.26<br>-14.51 | 21.73<br>0.26<br>-13.89 | 21.52<br>0.30<br>-13.29 | 20.96<br>0.26<br>-13.48 | 21.50<br>0.28<br>-13.30 | 22.17<br>0.30<br>-13.93 | 23.54<br>0.35<br>-15.24 | 25.41<br>0.34<br>-17.16 | 27.15<br>0.37<br>-18.85 | 28.04<br>0.36<br>-19.75 | 24.74<br>0.36<br>-16.47 | 20.48<br>0.24<br>-14.88 | 20.06<br>0.23<br>-14.68 |
| COXSACKIE____GT<br>23611        | 59.64<br>0.40<br>-54.10 | 57.84<br>0.39<br>-52.31 | 56.39<br>0.30<br>-52.03 | 55.78<br>0.30<br>-51.41 | 55.80<br>0.31<br>-51.42 | 56.39<br>0.39<br>-50.85 | 58.43<br>0.40<br>-52.90 | 60.58<br>0.38<br>-55.27 | 60.46<br>0.57<br>-52.71 | 60.39<br>0.55<br>-53.11 | 58.21<br>0.51<br>-51.23 | 59.06<br>0.55<br>-51.18 | 57.15<br>0.58<br>-48.99 | 55.41<br>0.60<br>-46.88 | 55.32<br>0.56<br>-47.54 | 55.42<br>0.59<br>-46.91 | 57.70<br>0.64<br>-49.12 | 62.39<br>0.68<br>-53.77 | 70.81<br>0.72<br>-62.18 | 76.97<br>0.73<br>-68.32 | 80.21<br>0.73<br>-71.56 | 68.30<br>0.71<br>-59.67 | 59.73<br>0.47<br>-53.91 | 58.77<br>0.43<br>-53.20 |
| CPV_VALLEY____CC1<br>323721     | 50.10<br>0.31<br>-44.66 | 48.62<br>0.29<br>-43.18 | 47.25<br>0.24<br>-42.95 | 46.73<br>0.23<br>-42.44 | 46.75<br>0.23<br>-42.45 | 47.42<br>0.29<br>-41.98 | 49.10<br>0.30<br>-43.67 | 50.84<br>0.29<br>-45.62 | 51.13<br>0.45<br>-43.51 | 50.99<br>0.42<br>-43.84 | 49.17<br>0.41<br>-42.29 | 50.04<br>0.46<br>-42.25 | 48.51<br>0.49<br>-40.44 | 47.15<br>0.52<br>-38.70 | 46.95<br>0.48<br>-39.24 | 47.16<br>0.52<br>-38.72 | 49.04<br>0.56<br>-40.55 | 52.89<br>0.56<br>-44.39 | 57.70<br>0.55<br>-49.24 | 62.58<br>0.56<br>-54.10 | 65.14<br>0.55<br>-56.67 | 55.72<br>0.55<br>-47.26 | 48.41<br>0.36<br>-42.69 | 47.61<br>0.33<br>-42.13 |
| CPV_VALLEY____CC2<br>323722     | 50.10<br>0.31<br>-44.66 | 48.62<br>0.29<br>-43.18 | 47.25<br>0.24<br>-42.95 | 46.73<br>0.23<br>-42.44 | 46.75<br>0.23<br>-42.45 | 47.42<br>0.29<br>-41.98 | 49.10<br>0.30<br>-43.67 | 50.84<br>0.29<br>-45.62 | 51.13<br>0.45<br>-43.51 | 50.99<br>0.42<br>-43.84 | 49.17<br>0.41<br>-42.29 | 50.04<br>0.46<br>-42.25 | 48.51<br>0.49<br>-40.44 | 47.15<br>0.52<br>-38.70 | 46.95<br>0.48<br>-39.24 | 47.16<br>0.52<br>-38.72 | 49.04<br>0.56<br>-40.55 | 52.89<br>0.56<br>-44.39 | 57.70<br>0.55<br>-49.24 | 62.58<br>0.56<br>-54.10 | 65.14<br>0.55<br>-56.67 | 55.72<br>0.55<br>-47.26 | 48.41<br>0.36<br>-42.69 | 47.61<br>0.33<br>-42.13 |
| CRESCENT____HYD<br>24018        | 72.89<br>0.28<br>-67.48 | 70.65<br>0.26<br>-65.25 | 69.18<br>0.22<br>-64.90 | 68.40<br>0.21<br>-64.13 | 68.42<br>0.21<br>-64.14 | 68.84<br>0.26<br>-63.43 | 71.39<br>0.28<br>-65.98 | 74.15<br>0.28<br>-68.94 | 73.36<br>0.44<br>-65.74 | 73.40<br>0.42<br>-66.24 | 70.77<br>0.40<br>-63.90 | 71.62<br>0.45<br>-63.84 | 69.13<br>0.45<br>-61.10 | 66.85<br>0.44<br>-58.47 | 66.91<br>0.39<br>-59.30 | 66.87<br>0.44<br>-58.51 | 69.70<br>0.48<br>-61.27 | 75.52<br>0.50<br>-67.07 | 81.67<br>0.52<br>-73.23 | 88.95<br>0.56<br>-80.46 | 92.76<br>0.56<br>-84.28 | 78.72<br>0.52<br>-70.28 | 69.21<br>0.36<br>-63.49 | 68.11<br>0.31<br>-62.66 |
| CRICKET____VALLEY_CC1<br>323756 | 57.17<br>0.31<br>-51.73 | 55.45<br>0.29<br>-50.01 | 54.04<br>0.24<br>-49.75 | 53.44<br>0.23<br>-49.16 | 53.46<br>0.23<br>-49.16 | 54.06<br>0.29<br>-48.62 | 56.01<br>0.31<br>-50.58 | 58.06<br>0.30<br>-52.84 | 58.03<br>0.46<br>-50.39 | 57.96<br>0.44<br>-50.77 | 55.89<br>0.43<br>-48.98 | 56.75<br>0.49<br>-48.93 | 54.94<br>0.52<br>-46.83 | 53.29<br>0.54<br>-44.82 | 53.17<br>0.50<br>-45.45 | 53.31<br>0.54<br>-44.84 | 55.48<br>0.57<br>-46.96 | 59.91<br>0.56<br>-51.41 | 67.80<br>0.54<br>-59.34 | 73.69<br>0.56<br>-65.21 | 76.78<br>0.56<br>-68.30 | 65.42<br>0.55<br>-56.96 | 57.18<br>0.37<br>-51.45 | 56.26<br>0.34<br>-50.78 |
| CRICKET____VALLEY_CC2<br>323757 | 57.17<br>0.31<br>-51.73 | 55.45<br>0.29<br>-50.01 | 54.04<br>0.24<br>-49.75 | 53.44<br>0.23<br>-49.16 | 53.46<br>0.23<br>-49.16 | 54.06<br>0.29<br>-48.62 | 56.01<br>0.31<br>-50.58 | 58.06<br>0.30<br>-52.84 | 58.03<br>0.46<br>-50.39 | 57.96<br>0.44<br>-50.77 | 55.89<br>0.43<br>-48.98 | 56.75<br>0.49<br>-48.93 | 54.94<br>0.52<br>-46.83 | 53.29<br>0.54<br>-44.82 | 53.17<br>0.50<br>-45.45 | 53.31<br>0.54<br>-44.84 | 55.48<br>0.57<br>-46.96 | 59.91<br>0.56<br>-51.41 | 67.80<br>0.54<br>-59.34 | 73.69<br>0.56<br>-65.21 | 76.78<br>0.56<br>-68.30 | 65.42<br>0.55<br>-56.96 | 57.18<br>0.37<br>-51.45 | 56.26<br>0.34<br>-50.78 |
| CRICKET____VALLEY_CC3<br>323758 | 57.17<br>0.31<br>-51.73 | 55.45<br>0.29<br>-50.01 | 54.04<br>0.24<br>-49.75 | 53.44<br>0.23<br>-49.16 | 53.46<br>0.23<br>-49.16 | 54.06<br>0.29<br>-48.62 | 56.01<br>0.31<br>-50.58 | 58.06<br>0.30<br>-52.84 | 58.03<br>0.46<br>-50.39 | 57.96<br>0.44<br>-50.77 | 55.89<br>0.43<br>-48.98 | 56.75<br>0.49<br>-48.93 | 54.94<br>0.52<br>-46.83 | 53.29<br>0.54<br>-44.82 | 53.17<br>0.50<br>-45.45 | 53.31<br>0.54<br>-44.84 | 55.48<br>0.57<br>-46.96 | 59.91<br>0.56<br>-51.41 | 67.80<br>0.54<br>-59.34 | 73.69<br>0.56<br>-65.21 | 76.78<br>0.56<br>-68.30 | 65.42<br>0.55<br>-56.96 | 57.18<br>0.37<br>-51.45 | 56.26<br>0.34<br>-50.78 |
| CRUCIBLE_METL_DRP<br>24180      | 12.01<br>0.02<br>-6.86  | 11.79<br>0.02<br>-6.63  | 10.66<br>0.01<br>-6.59  | 10.58<br>0.01<br>-6.52  | 10.60<br>0.02<br>-6.52  | 11.62<br>0.03<br>-6.44  | 11.85<br>0.02<br>-6.70  | 11.96<br>0.03<br>-7.00  | 13.89<br>0.04<br>-6.68  | 13.50<br>0.03<br>-6.73  | 13.01<br>0.04<br>-6.49  | 13.86<br>0.04<br>-6.49  | 13.84<br>0.05<br>-6.21  | 13.93<br>0.06<br>-5.94  | 13.29<br>0.04<br>-6.02  | 13.91<br>0.05<br>-5.94  | 14.23<br>0.06<br>-6.22  | 14.84<br>0.08<br>-6.81  | 15.85<br>0.06<br>-7.87  | 16.64<br>0.07<br>-8.65  | 17.05<br>0.07<br>-9.06  | 15.53<br>0.06<br>-7.55  | 12.23<br>0.05<br>-6.82  | 11.93<br>0.05<br>-6.73  |
| DAHOWA____HYDRO<br>323763       | 74.59<br>0.29<br>-69.17 | 72.29<br>0.27<br>-66.88 | 70.80<br>0.22<br>-66.52 | 70.01<br>0.22<br>-65.73 | 70.03<br>0.22<br>-65.74 | 70.45<br>0.29<br>-65.01 | 73.07<br>0.31<br>-67.63 | 75.90<br>0.32<br>-70.66 | 75.05<br>0.49<br>-67.38 | 75.07<br>0.44<br>-67.90 | 72.37<br>0.40<br>-65.49 | 73.22<br>0.45<br>-65.43 | 70.66<br>0.45<br>-62.63 | 68.31<br>0.44<br>-59.93 | 68.38<br>0.38<br>-60.78 | 68.33<br>0.44<br>-59.97 | 71.24<br>0.50<br>-62.80 | 77.22<br>0.52<br>-68.74 | 83.03<br>0.58<br>-74.53 | 90.44<br>0.62<br>-81.90 | 94.31<br>0.61<br>-85.78 | 80.01<br>0.56<br>-71.53 | 70.36<br>0.39<br>-64.62 | 69.25<br>0.33<br>-63.77 |
| DANC____LFGE<br>323619          | 9.10<br>-0.10<br>-4.07  | 8.98<br>-0.10<br>-3.93  | 7.87<br>-0.10<br>-3.91  | 7.84<br>-0.09<br>-3.87  | 7.85<br>-0.08<br>-3.87  | 8.88<br>-0.10<br>-3.82  | 8.99<br>-0.11<br>-3.98  | 9.00<br>-0.08<br>-4.16  | 11.02<br>-0.12<br>-3.96 | 10.60<br>-0.13<br>-3.99 | 10.17<br>-0.16<br>-3.85 | 11.00<br>-0.18<br>-3.85 | 11.09<br>-0.18<br>-3.68 | 11.26<br>-0.20<br>-3.53 | 10.60<br>-0.20<br>-3.58 | 11.23<br>-0.22<br>-3.53 | 11.42<br>-0.21<br>-3.69 | 11.83<br>-0.16<br>-4.04 | 12.81<br>-0.13<br>-5.02 | 13.34<br>-0.10<br>-5.52 | 13.60<br>-0.10<br>-5.78 | 12.62<br>-0.11<br>-4.82 | 9.62<br>-0.09<br>-4.35  | 9.36<br>-0.08<br>-4.30  |
| DANSKAMMER____1<br>23586        | 55.47<br>0.42<br>-49.91 | 53.80<br>0.40<br>-48.26 | 52.38<br>0.32<br>-48.00 | 51.80<br>0.31<br>-47.43 | 51.82<br>0.31<br>-47.44 | 52.47<br>0.41<br>-46.91 | 54.35<br>0.42<br>-48.80 | 56.31<br>0.39<br>-50.99 | 56.40<br>0.60<br>-48.62 | 56.29<br>0.56<br>-49.00 | 54.29<br>0.55<br>-47.26 | 55.17<br>0.62<br>-47.22 | 53.43<br>0.65<br>-45.19 | 51.88<br>0.70<br>-43.25 | 51.72<br>0.64<br>-43.86 | 51.89<br>0.70<br>-43.27 | 54.00<br>0.75<br>-45.32 | 58.31<br>0.76<br>-49.61 | 65.62<br>0.74<br>-56.97 | 71.27<br>0.75<br>-62.60 | 74.25<br>0.76<br>-65.56 | 63.33<br>0.74<br>-54.68 | 55.24<br>0.49<br>-49.39 | 54.33<br>0.44<br>-48.74 |
| DANSKAMMER____2<br>23589        | 55.47<br>0.42<br>-49.91 | 53.80<br>0.40<br>-48.26 | 52.38<br>0.32<br>-48.00 | 51.80<br>0.31<br>-47.43 | 51.82<br>0.31<br>-47.44 | 52.47<br>0.41<br>-46.91 | 54.35<br>0.42<br>-48.80 | 56.31<br>0.39<br>-50.99 | 56.40<br>0.60<br>-48.62 | 56.29<br>0.56<br>-49.00 | 54.29<br>0.55<br>-47.26 | 55.17<br>0.62<br>-47.22 | 53.43<br>0.65<br>-45.19 | 51.88<br>0.70<br>-43.25 | 51.72<br>0.64<br>-43.86 | 51.89<br>0.70<br>-43.27 | 54.00<br>0.75<br>-45.32 | 58.31<br>0.76<br>-49.61 | 65.62<br>0.74<br>-56.97 | 71.27<br>0.75<br>-62.60 | 74.25<br>0.76<br>-65.56 | 63.33<br>0.74<br>-54.68 | 55.24<br>0.49<br>-49.39 | 54.33<br>0.44<br>-48.74 |
| DANSKAMMER____3<br>23590        | 55.47<br>0.42<br>-49.91 | 53.80<br>0.40<br>-48.26 | 52.38<br>0.32<br>-48.00 | 51.80<br>0.31<br>-47.43 | 51.82<br>0.31<br>-47.44 | 52.47<br>0.41<br>-46.91 | 54.35<br>0.42<br>-48.80 | 56.31<br>0.39<br>-50.99 | 56.40<br>0.60<br>-48.62 | 56.29<br>0.56<br>-49.00 | 54.29<br>0.55<br>-47.26 | 55.17<br>0.62<br>-47.22 | 53.43<br>0.65<br>-45.19 | 51.88<br>0.70<br>-43.25 | 51.72<br>0.64<br>-43.86 | 51.89<br>0.70<br>-43.27 | 54.00<br>0.75<br>-45.32 | 58.31<br>0.76<br>-49.61 | 65.62<br>0.74<br>-56.97 | 71.27<br>0.75<br>-62.60 | 74.25<br>0.76<br>-65.56 | 63.33<br>0.74<br>-54.68 | 55.24<br>0.49<br>-49.39 | 54.33<br>0.44<br>-48.74 |
| DANSKAMMER____4<br>23591        | 55.47<br>0.42<br>-49.91 | 53.80<br>0.40<br>-48.26 | 52.38<br>0.32<br>-48.00 | 51.80<br>0.31<br>-47.43 | 51.82<br>0.31<br>-47.44 | 52.47<br>0.41<br>-46.91 | 54.35<br>0.42<br>-48.80 | 56.31<br>0.39<br>-50.99 | 56.40<br>0.60<br>-48.62 | 56.29<br>0.56<br>-49.00 | 54.29<br>0.55<br>-47.26 | 55.17<br>0.62<br>-47.22 | 53.43<br>0.65<br>-45.19 | 51.88<br>0.70<br>-43.25 | 51.72<br>0.64<br>-43.86 | 51.89<br>0.70<br>-43.27 | 54.00<br>0.75<br>-45.32 | 58.31<br>0.76<br>-49.61 | 65.62<br>0.74<br>-56.97 | 71.27<br>0.75<br>-62.60 | 74.25<br>0.76<br>-65.56 | 63.33<br>0.74<br>-54.68 | 55.24<br>0.49<br>-49.39 | 54.33<br>0.44<br>-48.74 |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| DANSKAMMER___DIESEL<br>23592               | 55.47<br>0.42<br>-49.91 | 53.80<br>0.40<br>-48.26 | 52.38<br>0.32<br>-48.00 | 51.80<br>0.31<br>-47.43 | 51.82<br>0.31<br>-47.44 | 52.47<br>0.41<br>-46.91 | 54.35<br>0.42<br>-48.80 | 56.31<br>0.39<br>-50.99 | 56.40<br>0.60<br>-48.62 | 56.29<br>0.56<br>-49.00 | 54.29<br>0.55<br>-47.26 | 55.17<br>0.62<br>-47.22 | 53.43<br>0.65<br>-45.19 | 51.88<br>0.70<br>-43.25 | 51.72<br>0.64<br>-43.86 | 51.89<br>0.70<br>-43.27 | 54.00<br>0.75<br>-45.32 | 58.31<br>0.76<br>-49.61 | 65.62<br>0.74<br>-56.97 | 71.27<br>0.75<br>-62.60 | 74.25<br>0.76<br>-65.56  | 63.33<br>0.74<br>-54.68 | 55.24<br>0.49<br>-49.39 | 54.33<br>0.44<br>-48.74 |
| DASHVILLE___HYD<br>23610                   | 56.21<br>0.33<br>-50.75 | 54.53<br>0.32<br>-49.07 | 53.14<br>0.28<br>-48.80 | 52.53<br>0.25<br>-48.23 | 52.55<br>0.25<br>-48.23 | 53.17<br>0.32<br>-47.70 | 55.07<br>0.32<br>-49.62 | 57.06<br>0.30<br>-51.84 | 57.06<br>0.45<br>-49.44 | 56.96<br>0.41<br>-49.81 | 54.93<br>0.41<br>-48.05 | 55.80<br>0.46<br>-48.01 | 54.01<br>0.48<br>-45.95 | 52.42<br>0.52<br>-43.97 | 52.29<br>0.48<br>-44.59 | 52.43<br>0.51<br>-44.00 | 54.57<br>0.56<br>-46.08 | 58.96<br>0.57<br>-50.44 | 66.61<br>0.57<br>-58.13 | 72.37<br>0.58<br>-63.87 | 75.41<br>0.59<br>-66.90  | 64.29<br>0.59<br>-55.79 | 56.13<br>0.37<br>-50.40 | 55.22<br>0.34<br>-49.74 |
| DELAWARE___LFGE<br>323621                  | 34.32<br>0.27<br>-28.91 | 33.38<br>0.28<br>-27.96 | 32.09<br>0.22<br>-27.81 | 31.75<br>0.21<br>-27.48 | 31.77<br>0.22<br>-27.48 | 32.61<br>0.29<br>-27.18 | 33.67<br>0.27<br>-28.27 | 34.74<br>0.28<br>-29.54 | 35.76<br>0.41<br>-28.17 | 35.50<br>0.38<br>-28.38 | 34.23<br>0.38<br>-27.38 | 35.11<br>0.43<br>-27.35 | 34.21<br>0.44<br>-26.18 | 33.45<br>0.47<br>-25.05 | 33.04<br>0.41<br>-25.41 | 33.45<br>0.46<br>-25.07 | 34.68<br>0.48<br>-26.25 | 37.18<br>0.49<br>-28.74 | 38.13<br>0.47<br>-29.74 | 41.08<br>0.48<br>-32.68 | 42.63<br>0.48<br>-34.23  | 36.95<br>0.49<br>-28.54 | 31.46<br>0.32<br>-25.79 | 30.89<br>0.30<br>-25.45 |
| DOGLEVILLE___HYD<br>23807                  | 5.20<br>0.06<br>0.00    | 5.20<br>0.06<br>0.00    | 4.11<br>0.05<br>0.00    | 4.10<br>0.04<br>0.00    | 4.11<br>0.04<br>0.00    | 5.21<br>0.06<br>0.00    | 5.18<br>0.05<br>0.00    | 4.97<br>0.04<br>0.00    | 7.26<br>0.08<br>0.00    | 6.82<br>0.09<br>0.00    | 6.56<br>0.08<br>0.00    | 7.45<br>0.12<br>0.00    | 7.71<br>0.13<br>0.00    | 8.07<br>0.14<br>0.00    | 7.35<br>0.13<br>0.00    | 8.07<br>0.15<br>0.00    | 8.08<br>0.14<br>0.00    | 8.09<br>0.14<br>0.00    | 8.04<br>0.13<br>0.00    | 8.03<br>0.10<br>0.00    | 8.01<br>0.09<br>0.00     | 7.99<br>0.07<br>0.00    | 5.40<br>0.04<br>0.00    | 5.18<br>0.04<br>0.00    |
| DUNKIRK___1<br>23563                       | 16.69<br>0.27<br>-11.29 | 16.36<br>0.31<br>-10.91 | 15.13<br>0.22<br>-10.85 | 15.00<br>0.22<br>-10.72 | 15.06<br>0.27<br>-10.73 | 16.11<br>0.35<br>-10.61 | 16.46<br>0.30<br>-11.03 | 16.73<br>0.28<br>-11.53 | 18.55<br>0.37<br>-11.00 | 18.17<br>0.34<br>-11.09 | 17.50<br>0.32<br>-10.70 | 18.33<br>0.32<br>-10.69 | 18.10<br>0.29<br>-10.23 | 18.08<br>0.37<br>-9.79  | 17.42<br>0.28<br>-9.92  | 18.04<br>0.33<br>-9.78  | 18.53<br>0.34<br>-10.25 | 19.54<br>0.37<br>-11.22 | 20.98<br>0.35<br>-12.72 | 22.36<br>0.46<br>-13.98 | 22.98<br>0.42<br>-14.64  | 20.51<br>0.38<br>-12.21 | 16.67<br>0.28<br>-11.03 | 16.36<br>0.33<br>-10.89 |
| DUNKIRK___2<br>23564                       | 16.69<br>0.27<br>-11.29 | 16.36<br>0.31<br>-10.91 | 15.13<br>0.22<br>-10.85 | 15.00<br>0.22<br>-10.72 | 15.06<br>0.27<br>-10.73 | 16.11<br>0.35<br>-10.61 | 16.46<br>0.30<br>-11.03 | 16.73<br>0.28<br>-11.53 | 18.55<br>0.37<br>-11.00 | 18.17<br>0.34<br>-11.09 | 17.50<br>0.32<br>-10.70 | 18.33<br>0.32<br>-10.69 | 18.10<br>0.29<br>-10.23 | 18.08<br>0.37<br>-9.79  | 17.42<br>0.28<br>-9.92  | 18.04<br>0.33<br>-9.78  | 18.53<br>0.34<br>-10.25 | 19.54<br>0.37<br>-11.22 | 20.98<br>0.35<br>-12.72 | 22.36<br>0.46<br>-13.98 | 22.98<br>0.42<br>-14.64  | 20.51<br>0.38<br>-12.21 | 16.67<br>0.28<br>-11.03 | 16.36<br>0.33<br>-10.89 |
| DUNKIRK___3<br>23565                       | 16.58<br>0.25<br>-11.20 | 16.26<br>0.28<br>-10.83 | 15.03<br>0.19<br>-10.77 | 14.90<br>0.20<br>-10.65 | 14.96<br>0.24<br>-10.65 | 15.99<br>0.31<br>-10.53 | 16.35<br>0.27<br>-10.95 | 16.61<br>0.24<br>-11.44 | 18.42<br>0.32<br>-10.92 | 18.03<br>0.29<br>-11.01 | 17.36<br>0.27<br>-10.62 | 18.20<br>0.26<br>-10.61 | 17.96<br>0.23<br>-10.15 | 17.95<br>0.30<br>-9.71  | 17.30<br>0.23<br>-9.84  | 17.90<br>0.27<br>-9.71  | 18.39<br>0.28<br>-10.17 | 19.39<br>0.31<br>-11.13 | 20.83<br>0.28<br>-12.63 | 22.19<br>0.39<br>-13.88 | 22.82<br>0.36<br>-14.54  | 20.37<br>0.33<br>-12.12 | 16.56<br>0.26<br>-10.95 | 16.26<br>0.31<br>-10.81 |
| DUNKIRK___4<br>23566                       | 16.58<br>0.25<br>-11.20 | 16.26<br>0.28<br>-10.83 | 15.03<br>0.19<br>-10.77 | 14.90<br>0.20<br>-10.65 | 14.96<br>0.24<br>-10.65 | 15.99<br>0.31<br>-10.53 | 16.35<br>0.27<br>-10.95 | 16.61<br>0.24<br>-11.44 | 18.42<br>0.32<br>-10.92 | 18.03<br>0.29<br>-11.01 | 17.36<br>0.27<br>-10.62 | 18.20<br>0.26<br>-10.61 | 17.96<br>0.23<br>-10.15 | 17.95<br>0.30<br>-9.71  | 17.30<br>0.23<br>-9.84  | 17.90<br>0.27<br>-9.71  | 18.39<br>0.28<br>-10.17 | 19.39<br>0.31<br>-11.13 | 20.83<br>0.28<br>-12.63 | 22.19<br>0.39<br>-13.88 | 22.82<br>0.36<br>-14.54  | 20.37<br>0.33<br>-12.12 | 16.56<br>0.26<br>-10.95 | 16.26<br>0.31<br>-10.81 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I<br>345000 | 55.15<br>0.42<br>-49.60 | 53.50<br>0.40<br>-47.96 | 52.08<br>0.32<br>-47.71 | 51.50<br>0.30<br>-47.14 | 51.52<br>0.31<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.05<br>0.42<br>-48.50 | 56.00<br>0.40<br>-50.68 | 56.11<br>0.60<br>-48.32 | 55.99<br>0.57<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.88<br>0.63<br>-46.93 | 53.17<br>0.67<br>-44.91 | 51.63<br>0.71<br>-42.98 | 51.47<br>0.66<br>-43.59 | 51.64<br>0.71<br>-43.01 | 53.72<br>0.75<br>-45.04 | 58.00<br>0.75<br>-49.30 | 65.21<br>0.74<br>-56.55 | 70.82<br>0.76<br>-62.13 | 73.76<br>0.76<br>-65.08  | 62.94<br>0.75<br>-54.27 | 54.88<br>0.49<br>-49.03 | 53.98<br>0.45<br>-48.38 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G<br>345009  | 53.83<br>0.37<br>-48.33 | 52.22<br>0.35<br>-46.73 | 50.82<br>0.28<br>-46.48 | 50.26<br>0.28<br>-45.93 | 50.28<br>0.28<br>-45.93 | 50.93<br>0.36<br>-45.42 | 52.75<br>0.37<br>-47.25 | 54.65<br>0.35<br>-49.37 | 54.79<br>0.53<br>-47.08 | 54.67<br>0.50<br>-47.44 | 52.72<br>0.49<br>-45.76 | 53.60<br>0.56<br>-45.72 | 51.93<br>0.58<br>-43.76 | 50.43<br>0.63<br>-41.87 | 50.27<br>0.58<br>-42.47 | 50.45<br>0.63<br>-41.90 | 52.48<br>0.67<br>-43.88 | 56.65<br>0.67<br>-48.03 | 63.22<br>0.66<br>-54.65 | 68.65<br>0.67<br>-60.05 | 71.49<br>0.67<br>-62.90  | 61.03<br>0.66<br>-52.45 | 53.18<br>0.44<br>-47.38 | 52.30<br>0.40<br>-46.76 |
| E179THST_138_KV_TB4_REV_LBMP_J<br>345001   | 55.21<br>0.47<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.57<br>0.36<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.03<br>0.41<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.59<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.65<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.64<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.73<br>-49.29 | 65.20<br>0.74<br>-56.54 | 70.80<br>0.75<br>-62.13 | 73.75<br>0.75<br>-65.08  | 62.94<br>0.76<br>-54.27 | 54.87<br>0.49<br>-49.02 | 54.03<br>0.50<br>-48.39 |
| EAST HAMPTON___GT<br>23717                 | 72.79<br>0.75<br>-66.91 | 60.70<br>0.70<br>-54.86 | 55.55<br>0.55<br>-50.94 | 53.68<br>0.56<br>-49.06 | 54.47<br>0.56<br>-49.84 | 58.26<br>0.73<br>-52.38 | 55.50<br>0.76<br>-49.61 | 56.27<br>0.66<br>-50.68 | 56.50<br>0.99<br>-48.33 | 56.86<br>0.93<br>-49.20 | 58.23<br>0.85<br>-50.90 | 64.12<br>0.95<br>-55.84 | 56.23<br>0.99<br>-47.65 | 56.25<br>1.07<br>-47.25 | 56.25<br>0.97<br>-48.05 | 60.35<br>1.07<br>-51.36 | 75.18<br>1.14<br>-66.11 | 78.32<br>1.18<br>-69.20 | 79.42<br>1.19<br>-70.32 | 85.80<br>1.24<br>-76.64 | 104.40<br>1.24<br>-95.25 | 80.80<br>1.20<br>-71.68 | 75.14<br>0.82<br>-68.96 | 65.81<br>0.76<br>-59.91 |
| EAST RIVER___6<br>23660                    | 55.16<br>0.43<br>-49.60 | 53.50<br>0.40<br>-47.96 | 52.08<br>0.32<br>-47.71 | 51.50<br>0.31<br>-47.14 | 51.53<br>0.31<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.05<br>0.42<br>-48.50 | 56.00<br>0.39<br>-50.67 | 56.10<br>0.60<br>-48.32 | 55.99<br>0.56<br>-48.69 | 53.99<br>0.55<br>-46.97 | 54.88<br>0.62<br>-46.93 | 53.17<br>0.67<br>-44.91 | 51.63<br>0.71<br>-42.98 | 51.47<br>0.66<br>-43.59 | 51.63<br>0.70<br>-43.00 | 53.72<br>0.75<br>-45.04 | 57.99<br>0.74<br>-49.30 | 65.21<br>0.74<br>-56.55 | 70.81<br>0.75<br>-62.13 | 73.76<br>0.76<br>-65.08  | 62.94<br>0.75<br>-54.27 | 54.88<br>0.49<br>-49.03 | 53.99<br>0.46<br>-48.38 |
| EAST RIVER___7<br>23524                    | 55.16<br>0.43<br>-49.60 | 53.50<br>0.40<br>-47.96 | 52.08<br>0.32<br>-47.71 | 51.50<br>0.31<br>-47.14 | 51.53<br>0.31<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.05<br>0.42<br>-48.50 | 56.00<br>0.39<br>-50.67 | 56.10<br>0.60<br>-48.32 | 55.99<br>0.56<br>-48.69 | 53.99<br>0.55<br>-46.97 | 54.88<br>0.62<br>-46.93 | 53.17<br>0.67<br>-44.91 | 51.63<br>0.71<br>-42.98 | 51.47<br>0.66<br>-43.59 | 51.63<br>0.70<br>-43.00 | 53.72<br>0.75<br>-45.04 | 57.99<br>0.74<br>-49.30 | 65.21<br>0.74<br>-56.55 | 70.81<br>0.75<br>-62.13 | 73.76<br>0.76<br>-65.08  | 62.94<br>0.75<br>-54.27 | 54.88<br>0.49<br>-49.03 | 53.99<br>0.46<br>-48.38 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I<br>345002 | 55.06<br>0.41<br>-49.52 | 53.41<br>0.39<br>-47.88 | 52.00<br>0.31<br>-47.62 | 51.42<br>0.30<br>-47.06 | 51.44<br>0.31<br>-47.07 | 52.08<br>0.39<br>-46.54 | 53.96<br>0.41<br>-48.42 | 55.90<br>0.39<br>-50.59 | 56.01<br>0.60<br>-48.24 | 55.90<br>0.55<br>-48.61 | 53.91<br>0.54<br>-46.89 | 54.79<br>0.62<br>-46.85 | 53.07<br>0.65<br>-44.84 | 51.54<br>0.70<br>-42.91 | 51.38<br>0.64<br>-43.51 | 51.55<br>0.70<br>-42.93 | 53.63<br>0.73<br>-44.96 | 57.89<br>0.73<br>-49.22 | 65.06<br>0.72<br>-56.42 | 70.66<br>0.74<br>-61.99 | 73.60<br>0.74<br>-64.93  | 62.79<br>0.73<br>-54.15 | 54.76<br>0.48<br>-48.92 | 53.87<br>0.45<br>-48.27 |

|                                      |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                           |                           |                          |                         |                         |
|--------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|
| EAST_HAMPTON___DIESEL<br>23722       | 72.79<br>0.75<br>-66.91 | 60.70<br>0.70<br>-54.86 | 55.55<br>0.55<br>-50.94 | 53.68<br>0.56<br>-49.06 | 54.47<br>0.56<br>-49.84 | 58.26<br>0.73<br>-52.38 | 55.50<br>0.76<br>-49.61 | 56.28<br>0.66<br>-50.68 | 56.50<br>0.99<br>-48.33 | 56.86<br>0.93<br>-49.20 | 58.23<br>0.85<br>-50.90 | 64.12<br>0.95<br>-55.84 | 56.23<br>0.99<br>-47.65 | 56.25<br>1.07<br>-47.25 | 56.25<br>0.97<br>-48.05 | 60.35<br>1.07<br>-51.36 | 75.18<br>1.14<br>-66.11 | 78.32<br>1.18<br>-69.20 | 79.42<br>1.19<br>-70.32  | 85.80<br>1.24<br>-76.64   | 104.40<br>1.24<br>-95.25  | 80.80<br>1.20<br>-71.68  | 75.14<br>0.82<br>-68.96 | 65.81<br>0.76<br>-59.91 |
| EAST_RIVER___1<br>323558             | 55.18<br>0.45<br>-49.60 | 53.53<br>0.42<br>-47.96 | 52.10<br>0.34<br>-47.70 | 51.52<br>0.32<br>-47.14 | 51.55<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.14<br>0.64<br>-48.32 | 56.02<br>0.59<br>-48.69 | 54.02<br>0.58<br>-46.97 | 54.91<br>0.66<br>-46.93 | 53.20<br>0.70<br>-44.91 | 51.66<br>0.75<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.67<br>0.74<br>-43.00 | 53.75<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.24<br>0.78<br>-56.55  | 70.85<br>0.79<br>-62.13   | 73.79<br>0.79<br>-65.08   | 62.97<br>0.78<br>-54.27  | 54.90<br>0.52<br>-49.03 | 54.01<br>0.48<br>-48.38 |
| EAST_RIVER___2<br>323559             | 55.16<br>0.43<br>-49.60 | 53.50<br>0.40<br>-47.96 | 52.08<br>0.32<br>-47.71 | 51.50<br>0.31<br>-47.14 | 51.53<br>0.31<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.05<br>0.42<br>-48.50 | 56.00<br>0.39<br>-50.67 | 56.10<br>0.60<br>-48.32 | 55.99<br>0.56<br>-48.69 | 53.99<br>0.55<br>-46.97 | 54.88<br>0.62<br>-46.93 | 53.17<br>0.67<br>-44.91 | 51.63<br>0.71<br>-42.98 | 51.47<br>0.66<br>-43.59 | 51.63<br>0.70<br>-43.00 | 53.72<br>0.75<br>-45.04 | 57.99<br>0.74<br>-49.30 | 65.21<br>0.74<br>-56.55  | 70.81<br>0.75<br>-62.13   | 73.76<br>0.76<br>-65.08   | 62.94<br>0.75<br>-54.27  | 54.88<br>0.49<br>-49.03 | 53.99<br>0.46<br>-48.38 |
| EAST___DELAWARE_HYD<br>23607         | 49.94<br>0.38<br>-44.43 | 48.47<br>0.37<br>-42.96 | 47.13<br>0.34<br>-42.73 | 46.56<br>0.28<br>-42.22 | 46.58<br>0.29<br>-42.23 | 47.29<br>0.38<br>-41.76 | 48.95<br>0.38<br>-43.44 | 50.67<br>0.36<br>-45.39 | 50.97<br>0.51<br>-43.28 | 50.80<br>0.45<br>-43.61 | 48.99<br>0.45<br>-42.07 | 49.89<br>0.53<br>-42.03 | 48.35<br>0.54<br>-40.23 | 47.01<br>0.58<br>-38.50 | 46.78<br>0.51<br>-39.04 | 47.02<br>0.58<br>-38.52 | 48.91<br>0.63<br>-40.34 | 52.78<br>0.68<br>-44.16 | 57.86<br>0.68<br>-49.26  | 62.75<br>0.70<br>-54.13   | 65.33<br>0.71<br>-56.69   | 55.90<br>0.70<br>-47.28  | 48.52<br>0.45<br>-42.71 | 47.70<br>0.41<br>-42.15 |
| ELEC_TRO_TEK<br>24086                | 72.58<br>0.54<br>-66.91 | 60.52<br>0.52<br>-54.86 | 55.41<br>0.41<br>-50.94 | 53.52<br>0.40<br>-49.06 | 54.31<br>0.41<br>-49.84 | 58.05<br>0.53<br>-52.38 | 55.28<br>0.54<br>-49.61 | 56.12<br>0.51<br>-50.68 | 56.28<br>0.77<br>-48.33 | 56.66<br>0.73<br>-49.20 | 58.07<br>0.69<br>-50.90 | 63.95<br>0.78<br>-55.84 | 56.06<br>0.83<br>-47.65 | 56.06<br>0.88<br>-47.25 | 56.08<br>0.81<br>-48.05 | 60.16<br>0.88<br>-51.36 | 74.96<br>0.91<br>-66.11 | 78.05<br>0.91<br>-69.20 | 79.14<br>0.90<br>-70.32  | 85.48<br>0.92<br>-76.64   | 104.08<br>0.91<br>-95.25  | 80.50<br>0.90<br>-71.68  | 74.94<br>0.62<br>-68.96 | 65.64<br>0.58<br>-59.91 |
| ELLENBURG_WT_PWR<br>323604           | 5.05<br>-0.09<br>0.00   | 5.04<br>-0.11<br>0.00   | 3.98<br>-0.08<br>0.00   | 3.98<br>-0.07<br>0.00   | 3.97<br>-0.09<br>0.00   | 5.03<br>-0.12<br>0.00   | 5.04<br>-0.09<br>0.00   | 4.82<br>-0.10<br>0.00   | 7.00<br>-0.18<br>0.00   | 6.56<br>-0.18<br>0.00   | 6.31<br>-0.17<br>0.00   | 7.13<br>-0.20<br>0.00   | 7.40<br>-0.19<br>0.00   | 7.71<br>-0.22<br>0.00   | 7.03<br>-0.19<br>0.00   | 7.70<br>-0.22<br>0.00   | 7.68<br>-0.25<br>0.00   | 7.70<br>-0.25<br>0.00   | 7.73<br>-0.18<br>0.00    | 7.72<br>-0.21<br>0.00     | 7.71<br>-0.21<br>0.00     | 7.71<br>-0.21<br>0.00    | 5.21<br>-0.14<br>0.00   | 4.99<br>-0.15<br>0.00   |
| ELM_ST_23_KV_LD_REV_LBMP_A<br>345012 | 15.88<br>0.15<br>-10.59 | 15.58<br>0.19<br>-10.24 | 14.37<br>0.12<br>-10.19 | 14.24<br>0.12<br>-10.07 | 14.30<br>0.16<br>-10.07 | 15.31<br>0.21<br>-9.96  | 15.64<br>0.15<br>-10.36 | 15.87<br>0.12<br>-10.82 | 17.63<br>0.13<br>-10.33 | 17.25<br>0.11<br>-10.41 | 16.62<br>0.10<br>-10.04 | 17.44<br>0.08<br>-10.03 | 17.22<br>0.04<br>-9.60  | 17.21<br>0.10<br>-9.19  | 16.57<br>0.04<br>-9.31  | 17.16<br>0.06<br>-9.18  | 17.63<br>0.07<br>-9.62  | 18.58<br>0.10<br>-10.53 | 19.96<br>0.09<br>-11.96  | 21.23<br>0.17<br>-13.14   | 21.83<br>0.15<br>-13.76   | 19.53<br>0.14<br>-11.47  | 15.87<br>0.14<br>-10.36 | 15.59<br>0.22<br>-10.23 |
| EMPIRE_CC_1<br>323656                | 67.60<br>0.24<br>-62.23 | 65.53<br>0.23<br>-60.16 | 64.10<br>0.20<br>-59.84 | 63.38<br>0.19<br>-59.13 | 63.39<br>0.18<br>-59.14 | 63.85<br>0.21<br>-58.48 | 66.19<br>0.22<br>-60.84 | 68.72<br>0.22<br>-63.57 | 68.16<br>0.36<br>-60.62 | 68.17<br>0.36<br>-61.08 | 65.74<br>0.35<br>-58.92 | 66.59<br>0.40<br>-58.87 | 64.33<br>0.40<br>-56.34 | 62.25<br>0.40<br>-53.92 | 62.26<br>0.36<br>-54.68 | 62.27<br>0.40<br>-53.95 | 64.87<br>0.43<br>-56.50 | 70.23<br>0.44<br>-61.85 | 77.26<br>0.40<br>-68.95  | 84.10<br>0.43<br>-75.75   | 87.69<br>0.42<br>-79.35   | 74.49<br>0.40<br>-66.17  | 65.42<br>0.29<br>-59.77 | 64.38<br>0.25<br>-58.99 |
| EMPIRE_CC_2<br>323658                | 67.60<br>0.24<br>-62.23 | 65.53<br>0.23<br>-60.16 | 64.10<br>0.20<br>-59.84 | 63.38<br>0.19<br>-59.13 | 63.39<br>0.18<br>-59.14 | 63.85<br>0.21<br>-58.48 | 66.19<br>0.22<br>-60.84 | 68.72<br>0.22<br>-63.57 | 68.16<br>0.36<br>-60.62 | 68.17<br>0.36<br>-61.08 | 65.74<br>0.35<br>-58.92 | 66.59<br>0.40<br>-58.87 | 64.33<br>0.40<br>-56.34 | 62.25<br>0.40<br>-53.92 | 62.26<br>0.36<br>-54.68 | 62.27<br>0.40<br>-53.95 | 64.87<br>0.43<br>-56.50 | 70.23<br>0.44<br>-61.85 | 77.26<br>0.40<br>-68.95  | 84.10<br>0.43<br>-75.75   | 87.69<br>0.42<br>-79.35   | 74.49<br>0.40<br>-66.17  | 65.42<br>0.29<br>-59.77 | 64.38<br>0.25<br>-58.99 |
| ERIE_WT_PWR<br>323693                | 16.07<br>0.18<br>-10.75 | 15.77<br>0.23<br>-10.40 | 14.56<br>0.15<br>-10.34 | 14.42<br>0.15<br>-10.22 | 14.48<br>0.19<br>-10.22 | 15.50<br>0.24<br>-10.11 | 15.83<br>0.19<br>-10.52 | 16.07<br>0.16<br>-10.99 | 17.85<br>0.18<br>-10.49 | 17.47<br>0.16<br>-10.57 | 16.82<br>0.15<br>-10.20 | 17.64<br>0.12<br>-10.19 | 17.42<br>0.08<br>-9.75  | 17.41<br>0.14<br>-9.33  | 16.76<br>0.09<br>-9.45  | 17.36<br>0.11<br>-9.32  | 17.82<br>0.12<br>-9.77  | 18.80<br>0.16<br>-10.69 | 20.19<br>0.14<br>-12.13  | 21.50<br>0.25<br>-13.33   | 22.10<br>0.21<br>-13.97   | 19.77<br>0.21<br>-11.65  | 16.06<br>0.18<br>-10.52 | 15.78<br>0.26<br>-10.38 |
| ETNA_115_KV_TB1_REV_LBMP_C<br>345029 | 20.59<br>0.17<br>-15.28 | 20.10<br>0.17<br>-14.78 | 18.89<br>0.13<br>-14.70 | 18.71<br>0.13<br>-14.52 | 18.73<br>0.14<br>-14.53 | 19.70<br>0.19<br>-14.36 | 20.25<br>0.18<br>-14.94 | 20.72<br>0.18<br>-15.61 | 22.33<br>0.26<br>-14.89 | 21.98<br>0.24<br>-15.00 | 21.18<br>0.23<br>-14.47 | 22.04<br>0.25<br>-14.46 | 21.67<br>0.25<br>-13.84 | 21.46<br>0.29<br>-13.24 | 20.90<br>0.25<br>-13.43 | 21.44<br>0.27<br>-13.25 | 22.10<br>0.29<br>-13.88 | 23.47<br>0.33<br>-15.19 | 25.33<br>0.32<br>-17.09  | 27.05<br>0.35<br>-18.78   | 27.94<br>0.35<br>-19.67   | 24.66<br>0.34<br>-16.41  | 20.41<br>0.23<br>-14.82 | 19.99<br>0.22<br>-14.63 |
| E_CANADA_CAP_HY<br>24051             | 89.91<br>0.33<br>-84.45 | 87.12<br>0.32<br>-81.65 | 85.51<br>0.24<br>-81.22 | 84.56<br>0.25<br>-80.25 | 84.58<br>0.25<br>-80.27 | 84.79<br>0.27<br>-79.37 | 87.98<br>0.28<br>-82.57 | 91.49<br>0.30<br>-86.27 | 89.89<br>0.44<br>-82.27 | 90.00<br>0.36<br>-82.90 | 86.77<br>0.33<br>-79.96 | 87.59<br>0.37<br>-79.89 | 84.38<br>0.33<br>-76.46 | 81.44<br>0.33<br>-73.17 | 81.71<br>0.28<br>-74.21 | 81.48<br>0.34<br>-73.22 | 85.01<br>0.40<br>-76.68 | 92.35<br>0.47<br>-83.93 | 106.94<br>0.51<br>-98.52 | 116.73<br>0.55<br>-108.25 | 121.85<br>0.55<br>-113.39 | 102.98<br>0.51<br>-94.56 | 91.11<br>0.34<br>-85.42 | 89.81<br>0.37<br>-84.30 |
| E_CANADA_MHWK_HY<br>24050            | 5.20<br>0.06<br>0.00    | 5.20<br>0.06<br>0.00    | 4.11<br>0.05<br>0.00    | 4.10<br>0.04<br>0.00    | 4.11<br>0.04<br>0.00    | 5.21<br>0.06<br>0.00    | 5.18<br>0.05<br>0.00    | 4.97<br>0.04<br>0.00    | 7.26<br>0.08<br>0.00    | 6.82<br>0.09<br>0.00    | 6.56<br>0.08<br>0.00    | 7.45<br>0.12<br>0.00    | 7.71<br>0.13<br>0.00    | 8.07<br>0.14<br>0.00    | 7.35<br>0.13<br>0.00    | 8.07<br>0.15<br>0.00    | 8.08<br>0.14<br>0.00    | 8.09<br>0.14<br>0.00    | 8.04<br>0.13<br>0.00     | 8.03<br>0.10<br>0.00      | 8.01<br>0.09<br>0.00      | 7.99<br>0.07<br>0.00     | 5.40<br>0.04<br>0.00    | 5.18<br>0.04<br>0.00    |
| E_FISHKILL___LBMP<br>23776           | 55.93<br>0.37<br>-50.43 | 54.25<br>0.35<br>-48.76 | 52.84<br>0.28<br>-48.50 | 52.26<br>0.27<br>-47.93 | 52.28<br>0.28<br>-47.93 | 52.90<br>0.36<br>-47.40 | 54.80<br>0.36<br>-49.31 | 56.80<br>0.35<br>-51.52 | 56.84<br>0.53<br>-49.13 | 56.75<br>0.51<br>-49.50 | 54.72<br>0.49<br>-47.75 | 55.59<br>0.56<br>-47.71 | 53.83<br>0.58<br>-45.66 | 52.26<br>0.63<br>-43.70 | 52.12<br>0.58<br>-44.32 | 52.27<br>0.63<br>-43.72 | 54.39<br>0.66<br>-45.79 | 58.72<br>0.65<br>-50.12 | 66.34<br>0.64<br>-57.79  | 72.08<br>0.66<br>-63.50   | 75.09<br>0.66<br>-66.51   | 64.03<br>0.65<br>-55.46  | 55.89<br>0.43<br>-50.10 | 54.98<br>0.40<br>-49.44 |
| FALCON___SEABRD_CC1<br>323796        | 5.08<br>-0.06<br>0.00   | 5.07<br>-0.08<br>0.00   | 4.00<br>-0.06<br>0.00   | 4.01<br>-0.05<br>0.00   | 4.00<br>-0.07<br>0.00   | 5.06<br>-0.09<br>0.00   | 5.08<br>-0.05<br>0.00   | 4.85<br>-0.07<br>0.00   | 7.05<br>-0.13<br>0.00   | 6.61<br>-0.13<br>0.00   | 6.34<br>-0.14<br>0.00   | 7.16<br>-0.16<br>0.00   | 7.44<br>-0.14<br>0.00   | 7.75<br>-0.18<br>0.00   | 7.06<br>-0.16<br>0.00   | 7.75<br>-0.17<br>0.00   | 7.72<br>-0.21<br>0.00   | 7.75<br>-0.20<br>0.00   | 7.78<br>-0.13<br>0.00    | 7.76<br>-0.16<br>0.00     | 7.76<br>-0.16<br>0.00     | 5.25<br>-0.11<br>0.00    | 5.02<br>-0.12<br>0.00   |                         |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| FALCON___SEABRD_CC2<br>323797              | 5.08<br>-0.06<br>0.00   | 5.07<br>-0.08<br>0.00   | 4.00<br>-0.06<br>0.00   | 4.01<br>-0.05<br>0.00   | 4.00<br>-0.07<br>0.00   | 5.06<br>-0.09<br>0.00   | 5.08<br>-0.05<br>0.00   | 4.85<br>-0.07<br>0.00   | 7.05<br>-0.13<br>0.00   | 6.61<br>-0.13<br>0.00   | 6.34<br>-0.14<br>0.00   | 7.16<br>-0.16<br>0.00   | 7.44<br>-0.14<br>0.00   | 7.75<br>-0.18<br>0.00   | 7.06<br>-0.16<br>0.00   | 7.75<br>-0.17<br>0.00   | 7.72<br>-0.21<br>0.00   | 7.75<br>-0.20<br>0.00   | 7.78<br>-0.13<br>0.00   | 7.76<br>-0.16<br>0.00   | 7.76<br>-0.16<br>0.00    | 7.76<br>-0.16<br>0.00   | 5.25<br>-0.11<br>0.00   | 5.02<br>-0.12<br>0.00   |
| FAR ROCKAWAY___4<br>23548                  | 72.64<br>0.60<br>-66.91 | 60.58<br>0.58<br>-54.86 | 55.47<br>0.47<br>-50.94 | 53.57<br>0.45<br>-49.06 | 54.36<br>0.46<br>-49.84 | 58.11<br>0.59<br>-52.38 | 55.34<br>0.60<br>-49.61 | 56.17<br>0.56<br>-50.68 | 56.36<br>0.85<br>-48.33 | 56.74<br>0.81<br>-49.20 | 58.15<br>0.77<br>-50.90 | 64.04<br>0.87<br>-55.84 | 56.14<br>0.91<br>-47.65 | 56.16<br>0.98<br>-47.25 | 56.17<br>0.90<br>-48.05 | 60.25<br>0.97<br>-51.36 | 75.06<br>1.02<br>-66.11 | 78.15<br>1.01<br>-69.20 | 79.24<br>1.01<br>-70.32 | 85.59<br>1.03<br>-76.64 | 104.19<br>1.02<br>-95.25 | 80.61<br>1.01<br>-71.68 | 75.01<br>0.69<br>-68.96 | 65.70<br>0.64<br>-59.91 |
| FARRAGUT_138_KV_32071_REV_LBMP_J<br>345003 | 55.21<br>0.47<br>-49.60 | 53.55<br>0.45<br>-47.96 | 52.12<br>0.36<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.22<br>0.45<br>-46.62 | 54.10<br>0.47<br>-48.50 | 56.04<br>0.44<br>-50.67 | 56.18<br>0.68<br>-48.32 | 56.05<br>0.63<br>-48.69 | 54.06<br>0.62<br>-46.97 | 54.96<br>0.70<br>-46.93 | 53.24<br>0.74<br>-44.91 | 51.71<br>0.80<br>-42.98 | 51.55<br>0.74<br>-43.59 | 51.72<br>0.79<br>-43.00 | 53.81<br>0.83<br>-45.04 | 58.07<br>0.83<br>-49.30 | 65.29<br>0.83<br>-56.55 | 70.90<br>0.85<br>-62.13 | 73.85<br>0.85<br>-65.08  | 63.03<br>0.84<br>-54.27 | 54.94<br>0.55<br>-49.03 | 54.05<br>0.52<br>-48.38 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J<br>345016 | 55.18<br>0.45<br>-49.60 | 53.53<br>0.42<br>-47.96 | 52.10<br>0.34<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.55<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.08<br>0.45<br>-48.50 | 56.02<br>0.42<br>-50.67 | 56.14<br>0.64<br>-48.32 | 56.02<br>0.59<br>-48.69 | 54.02<br>0.58<br>-46.97 | 54.91<br>0.66<br>-46.93 | 53.20<br>0.70<br>-44.91 | 51.67<br>0.75<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.67<br>0.74<br>-43.00 | 53.76<br>0.79<br>-45.04 | 58.03<br>0.78<br>-49.30 | 65.24<br>0.78<br>-56.55 | 70.85<br>0.79<br>-62.13 | 73.79<br>0.79<br>-65.08  | 62.98<br>0.79<br>-54.27 | 54.90<br>0.52<br>-49.03 | 54.02<br>0.49<br>-48.38 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J<br>345017 | 55.18<br>0.45<br>-49.60 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.13<br>0.63<br>-48.32 | 56.01<br>0.59<br>-48.69 | 54.02<br>0.58<br>-46.97 | 54.90<br>0.65<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.66<br>0.75<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.66<br>0.74<br>-43.00 | 53.76<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.84<br>0.78<br>-62.13 | 73.79<br>0.78<br>-65.08  | 62.96<br>0.78<br>-54.27 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.38 |
| FARRAGUT___LBMP<br>323566                  | 55.21<br>0.48<br>-49.60 | 53.55<br>0.45<br>-47.96 | 52.12<br>0.36<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.57<br>0.35<br>-47.15 | 52.22<br>0.45<br>-46.62 | 54.10<br>0.47<br>-48.50 | 56.05<br>0.45<br>-50.67 | 56.18<br>0.68<br>-48.32 | 56.06<br>0.63<br>-48.69 | 54.06<br>0.62<br>-46.97 | 54.96<br>0.70<br>-46.93 | 53.25<br>0.75<br>-44.91 | 51.71<br>0.80<br>-42.98 | 51.55<br>0.74<br>-43.59 | 51.72<br>0.79<br>-43.00 | 53.81<br>0.83<br>-45.04 | 58.07<br>0.83<br>-49.30 | 65.30<br>0.84<br>-56.55 | 70.91<br>0.86<br>-62.13 | 73.86<br>0.86<br>-65.08  | 63.03<br>0.85<br>-54.27 | 54.94<br>0.56<br>-49.03 | 54.05<br>0.52<br>-48.38 |
| FENNER___WINDPWR<br>24204                  | 13.00<br>0.08<br>-7.79  | 12.75<br>0.08<br>-7.53  | 11.61<br>0.06<br>-7.49  | 11.52<br>0.06<br>-7.40  | 11.53<br>0.06<br>-7.41  | 12.56<br>0.09<br>-7.32  | 12.82<br>0.08<br>-7.62  | 12.98<br>0.09<br>-7.96  | 14.90<br>0.14<br>-7.59  | 14.52<br>0.13<br>-7.65  | 13.97<br>0.12<br>-7.38  | 14.83<br>0.13<br>-7.37  | 14.77<br>0.13<br>-7.05  | 14.82<br>0.13<br>-6.75  | 14.18<br>0.11<br>-6.85  | 14.80<br>0.12<br>-6.75  | 15.15<br>0.13<br>-7.07  | 15.85<br>0.16<br>-7.74  | 17.38<br>0.16<br>-9.31  | 18.32<br>0.17<br>-10.23 | 18.81<br>0.17<br>-10.71  | 17.01<br>0.17<br>-8.93  | 13.53<br>0.10<br>-8.07  | 13.21<br>0.10<br>-7.96  |
| FIBERTEK___ENERGY<br>23856                 | 12.01<br>0.02<br>-6.86  | 11.79<br>0.02<br>-6.63  | 10.66<br>0.01<br>-6.59  | 10.58<br>0.01<br>-6.52  | 10.60<br>0.02<br>-6.52  | 11.62<br>0.03<br>-6.44  | 11.85<br>0.02<br>-6.70  | 11.96<br>0.03<br>-7.00  | 13.89<br>0.04<br>-6.68  | 13.50<br>0.03<br>-6.73  | 13.01<br>0.04<br>-6.49  | 13.86<br>0.04<br>-6.49  | 13.84<br>0.05<br>-6.21  | 13.93<br>0.06<br>-5.94  | 13.29<br>0.04<br>-6.02  | 13.91<br>0.05<br>-5.94  | 14.23<br>0.06<br>-6.22  | 14.84<br>0.08<br>-6.81  | 15.85<br>0.06<br>-7.87  | 16.64<br>0.07<br>-8.65  | 17.05<br>0.07<br>-9.06   | 15.53<br>0.06<br>-7.55  | 12.23<br>0.05<br>-6.82  | 11.93<br>0.05<br>-6.73  |
| FITZPATRICK____<br>23598                   | 9.17<br>-0.10<br>-4.14  | 9.05<br>-0.10<br>-4.00  | 7.96<br>-0.08<br>-3.98  | 7.91<br>-0.08<br>-3.93  | 7.92<br>-0.08<br>-3.93  | 8.95<br>-0.09<br>-3.89  | 9.07<br>-0.10<br>-4.05  | 9.06<br>-0.09<br>-4.23  | 11.07<br>-0.14<br>-4.03 | 10.66<br>-0.13<br>-4.06 | 10.27<br>-0.12<br>-3.92 | 11.09<br>-0.15<br>-3.92 | 11.18<br>-0.15<br>-3.75 | 11.37<br>-0.15<br>-3.59 | 10.71<br>-0.14<br>-3.64 | 11.35<br>-0.16<br>-3.59 | 11.55<br>-0.15<br>-3.76 | 11.93<br>-0.14<br>-4.11 | 12.54<br>-0.15<br>-4.77 | 13.02<br>-0.14<br>-5.24 | 13.27<br>-0.14<br>-5.49  | 12.35<br>-0.14<br>-4.58 | 9.40<br>-0.10<br>-4.14  | 9.14<br>-0.09<br>-4.08  |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G<br>345010 | 55.60<br>0.43<br>-50.03 | 53.93<br>0.41<br>-48.37 | 52.50<br>0.32<br>-48.12 | 51.92<br>0.32<br>-47.55 | 51.94<br>0.32<br>-47.55 | 52.59<br>0.41<br>-47.02 | 54.47<br>0.43<br>-48.92 | 56.44<br>0.40<br>-51.11 | 56.53<br>0.61<br>-48.74 | 56.42<br>0.57<br>-49.11 | 54.41<br>0.56<br>-47.37 | 55.30<br>0.64<br>-47.33 | 53.55<br>0.66<br>-45.30 | 52.00<br>0.71<br>-43.35 | 51.84<br>0.66<br>-43.96 | 52.01<br>0.71<br>-43.38 | 54.13<br>0.76<br>-45.43 | 58.44<br>0.77<br>-49.73 | 65.82<br>0.76<br>-57.14 | 71.48<br>0.77<br>-62.79 | 74.47<br>0.78<br>-65.77  | 63.52<br>0.76<br>-54.84 | 55.40<br>0.50<br>-49.54 | 54.49<br>0.45<br>-48.89 |
| FORT ORANGE____<br>23900                   | 70.22<br>0.30<br>-64.79 | 68.07<br>0.29<br>-62.64 | 66.61<br>0.24<br>-62.31 | 65.86<br>0.23<br>-61.57 | 65.88<br>0.23<br>-61.58 | 66.33<br>0.28<br>-60.89 | 68.76<br>0.29<br>-63.35 | 71.40<br>0.29<br>-66.19 | 70.73<br>0.44<br>-63.12 | 70.75<br>0.42<br>-63.60 | 68.23<br>0.41<br>-61.35 | 69.07<br>0.45<br>-61.29 | 66.71<br>0.46<br>-58.66 | 64.54<br>0.48<br>-56.14 | 64.57<br>0.42<br>-56.93 | 64.56<br>0.47<br>-56.17 | 67.26<br>0.49<br>-58.83 | 72.85<br>0.51<br>-64.39 | 81.25<br>0.47<br>-72.86 | 88.48<br>0.50<br>-80.06 | 92.27<br>0.50<br>-83.85  | 78.33<br>0.48<br>-69.93 | 68.86<br>0.33<br>-63.17 | 67.78<br>0.29<br>-62.34 |
| FORT_DRUM_COGEN<br>23780                   | 7.99<br>-0.13<br>-2.99  | 7.91<br>-0.13<br>-2.90  | 6.81<br>-0.13<br>-2.88  | 6.79<br>-0.11<br>-2.85  | 6.80<br>-0.11<br>-2.85  | 7.84<br>-0.12<br>-2.81  | 7.93<br>-0.13<br>-2.93  | 7.90<br>-0.08<br>-3.06  | 9.97<br>-0.13<br>-2.92  | 9.53<br>-0.15<br>-2.94  | 9.12<br>-0.19<br>-2.84  | 9.95<br>-0.21<br>-2.83  | 10.09<br>-0.21<br>-2.71 | 10.29<br>-0.24<br>-2.60 | 9.61<br>-0.25<br>-2.63  | 10.24<br>-0.28<br>-2.60 | 10.39<br>-0.27<br>-2.72 | 10.73<br>-0.20<br>-2.98 | 11.80<br>-0.13<br>-4.02 | 12.24<br>-0.09<br>-4.41 | 12.45<br>-0.09<br>-4.62  | 11.67<br>-0.10<br>-3.86 | 8.73<br>-0.11<br>-3.48  | 8.49<br>-0.09<br>-3.44  |
| FPL_FAR_ROCK_GT1<br>24212                  | 72.64<br>0.60<br>-66.91 | 60.58<br>0.58<br>-54.86 | 55.47<br>0.47<br>-50.94 | 53.57<br>0.45<br>-49.06 | 54.36<br>0.46<br>-49.84 | 58.11<br>0.59<br>-52.38 | 55.34<br>0.60<br>-49.61 | 56.17<br>0.56<br>-50.68 | 56.36<br>0.85<br>-48.33 | 56.74<br>0.81<br>-49.20 | 58.15<br>0.77<br>-50.90 | 64.04<br>0.87<br>-55.84 | 56.14<br>0.91<br>-47.65 | 56.16<br>0.98<br>-47.25 | 56.17<br>0.90<br>-48.05 | 60.25<br>0.97<br>-51.36 | 75.06<br>1.02<br>-66.11 | 78.15<br>1.01<br>-69.20 | 79.24<br>1.01<br>-70.32 | 85.59<br>1.03<br>-76.64 | 104.19<br>1.02<br>-95.25 | 80.61<br>1.01<br>-71.68 | 75.01<br>0.69<br>-68.96 | 65.70<br>0.64<br>-59.91 |
| FPL_FAR_ROCK_GT2<br>23815                  | 72.64<br>0.60<br>-66.91 | 60.58<br>0.58<br>-54.86 | 55.47<br>0.47<br>-50.94 | 53.57<br>0.45<br>-49.06 | 54.36<br>0.46<br>-49.84 | 58.11<br>0.59<br>-52.38 | 55.34<br>0.60<br>-49.61 | 56.17<br>0.56<br>-50.68 | 56.36<br>0.85<br>-48.33 | 56.74<br>0.81<br>-49.20 | 58.15<br>0.77<br>-50.90 | 64.04<br>0.87<br>-55.84 | 56.14<br>0.91<br>-47.65 | 56.16<br>0.98<br>-47.25 | 56.17<br>0.90<br>-48.05 | 60.25<br>0.97<br>-51.36 | 75.06<br>1.02<br>-66.11 | 78.15<br>1.01<br>-69.20 | 79.24<br>1.01<br>-70.32 | 85.59<br>1.03<br>-76.64 | 104.19<br>1.02<br>-95.25 | 80.61<br>1.01<br>-71.68 | 75.01<br>0.69<br>-68.96 | 65.70<br>0.64<br>-59.91 |
| FRANKLIN_FALL_HYD<br>24054                 | 5.04<br>-0.10<br>0.00   | 5.03<br>-0.11<br>0.00   | 3.98<br>-0.08<br>0.00   | 3.98<br>-0.07<br>0.00   | 3.97<br>-0.10<br>0.00   | 5.03<br>-0.12<br>0.00   | 5.06<br>-0.07<br>0.00   | 4.83<br>-0.09<br>0.00   | 7.04<br>-0.14<br>0.00   | 6.60<br>-0.13<br>0.00   | 6.33<br>-0.15<br>0.00   | 7.15<br>-0.18<br>0.00   | 7.43<br>-0.16<br>0.00   | 7.74<br>-0.19<br>0.00   | 7.05<br>-0.17<br>0.00   | 7.74<br>-0.18<br>0.00   | 7.72<br>-0.22<br>0.00   | 7.75<br>-0.20<br>0.00   | 7.77<br>-0.14<br>0.00   | 7.76<br>-0.17<br>0.00   | 7.76<br>-0.16<br>0.00    | 7.76<br>-0.16<br>0.00   | 5.23<br>-0.12<br>0.00   | 5.01<br>-0.14<br>0.00   |

|                             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |        |        |        |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| FREEPORT_EQUS_GT1<br>23764  | 72.62  | 60.56  | 55.44  | 53.55  | 54.34  | 58.09  | 55.32  | 56.15  | 56.33  | 56.72  | 58.12  | 64.00  | 56.11  | 56.12  | 56.13  | 60.21  | 75.02  | 78.11  | 79.19  | 85.55  | 104.15  | 80.57  | 74.98  | 65.68  |
|                             | 0.59   | 0.56   | 0.44   | 0.43   | 0.44   | 0.57   | 0.58   | 0.54   | 0.82   | 0.78   | 0.74   | 0.83   | 0.88   | 0.94   | 0.86   | 0.93   | 0.98   | 0.96   | 0.96   | 0.98   | 0.98    | 0.97   | 0.66   | 0.62   |
|                             | -66.91 | -54.86 | -50.94 | -49.06 | -49.84 | -52.38 | -49.61 | -50.68 | -48.33 | -49.20 | -50.90 | -55.84 | -47.65 | -47.25 | -48.05 | -51.36 | -66.11 | -69.20 | -70.32 | -76.64 | -95.25  | -71.68 | -68.96 | -59.91 |
| FREEPORT___CT2<br>23818     | 72.62  | 60.56  | 55.44  | 53.55  | 54.34  | 58.09  | 55.32  | 56.15  | 56.33  | 56.72  | 58.12  | 64.00  | 56.11  | 56.12  | 56.13  | 60.21  | 75.02  | 78.11  | 79.19  | 85.55  | 104.15  | 80.57  | 74.98  | 65.68  |
|                             | 0.59   | 0.56   | 0.44   | 0.43   | 0.44   | 0.57   | 0.58   | 0.54   | 0.82   | 0.78   | 0.74   | 0.83   | 0.88   | 0.94   | 0.86   | 0.93   | 0.98   | 0.96   | 0.96   | 0.98   | 0.98    | 0.97   | 0.66   | 0.62   |
|                             | -66.91 | -54.86 | -50.94 | -49.06 | -49.84 | -52.38 | -49.61 | -50.68 | -48.33 | -49.20 | -50.90 | -55.84 | -47.65 | -47.25 | -48.05 | -51.36 | -66.11 | -69.20 | -70.32 | -76.64 | -95.25  | -71.68 | -68.96 | -59.91 |
| FULTON COGEN____<br>23766   | 10.45  | 10.29  | 9.18   | 9.11   | 9.13   | 10.15  | 10.32  | 10.37  | 12.34  | 11.93  | 11.49  | 12.33  | 12.36  | 12.51  | 11.86  | 12.49  | 12.74  | 13.22  | 14.08  | 14.72  | 15.03   | 13.83  | 10.72  | 10.44  |
|                             | -0.06  | -0.06  | -0.05  | -0.05  | -0.04  | -0.05  | -0.07  | -0.05  | -0.08  | -0.08  | -0.07  | -0.08  | -0.09  | -0.08  | -0.09  | -0.09  | -0.08  | -0.07  | -0.07  | -0.06  | -0.06   | -0.06  | -0.04  | -0.04  |
|                             | -5.38  | -5.20  | -5.17  | -5.11  | -5.11  | -5.05  | -5.26  | -5.49  | -5.24  | -5.28  | -5.09  | -5.09  | -4.87  | -4.66  | -4.72  | -4.66  | -4.88  | -5.34  | -6.23  | -6.85  | -7.17   | -5.98  | -5.40  | -5.33  |
| FULTON___LFGE<br>323630     | 85.04  | 82.41  | 80.88  | 79.90  | 79.92  | 80.25  | 83.26  | 86.54  | 85.26  | 85.28  | 82.17  | 83.04  | 79.99  | 77.25  | 77.45  | 77.30  | 80.65  | 87.60  | 98.92  | 107.90 | 112.60  | 95.30  | 84.09  | 82.83  |
|                             | 0.51   | 0.50   | 0.46   | 0.39   | 0.39   | 0.48   | 0.50   | 0.51   | 0.73   | 0.61   | 0.52   | 0.60   | 0.52   | 0.52   | 0.46   | 0.55   | 0.62   | 0.74   | 0.83   | 0.89   | 0.90    | 0.84   | 0.56   | 0.53   |
|                             | -79.40 | -76.77 | -76.36 | -75.45 | -75.46 | -74.62 | -77.63 | -81.11 | -77.35 | -77.94 | -75.18 | -75.11 | -71.89 | -68.80 | -69.77 | -68.83 | -72.09 | -78.91 | -90.17 | -99.08 | -103.78 | -86.54 | -78.18 | -77.15 |
| G.F.CEMENT___DRP<br>24184   | 74.96  | 72.65  | 71.15  | 70.36  | 70.38  | 70.79  | 73.43  | 76.29  | 75.41  | 75.42  | 72.70  | 73.55  | 70.97  | 68.61  | 68.68  | 68.63  | 71.57  | 77.58  | 83.34  | 90.79  | 94.69   | 80.31  | 70.64  | 69.52  |
|                             | 0.28   | 0.26   | 0.20   | 0.21   | 0.21   | 0.27   | 0.30   | 0.31   | 0.47   | 0.41   | 0.38   | 0.43   | 0.42   | 0.41   | 0.35   | 0.41   | 0.48   | 0.51   | 0.55   | 0.59   | 0.59    | 0.53   | 0.36   | 0.31   |
|                             | -69.55 | -67.25 | -66.89 | -66.09 | -66.11 | -65.37 | -68.00 | -71.05 | -67.75 | -68.27 | -65.85 | -65.80 | -62.97 | -60.26 | -61.12 | -60.30 | -63.15 | -69.12 | -74.88 | -82.27 | -86.17  | -71.86 | -64.92 | -64.07 |
| GARDENVILLE___LBMP<br>24039 | 16.10  | 15.79  | 14.58  | 14.45  | 14.50  | 15.53  | 15.86  | 16.10  | 17.87  | 17.48  | 16.84  | 17.66  | 17.44  | 17.43  | 16.78  | 17.38  | 17.85  | 18.82  | 20.22  | 21.52  | 22.14   | 19.78  | 16.08  | 15.81  |
|                             | 0.17   | 0.21   | 0.14   | 0.13   | 0.18   | 0.23   | 0.18   | 0.15   | 0.17   | 0.14   | 0.14   | 0.11   | 0.07   | 0.13   | 0.07   | 0.10   | 0.11   | 0.14   | 0.13   | 0.22   | 0.20    | 0.18   | 0.17   | 0.24   |
|                             | -10.79 | -10.44 | -10.38 | -10.26 | -10.26 | -10.15 | -10.55 | -11.03 | -10.53 | -10.61 | -10.23 | -10.22 | -9.78  | -9.36  | -9.49  | -9.36  | -9.80  | -10.73 | -12.18 | -13.38 | -14.02  | -11.69 | -10.56 | -10.42 |
| GENERAL___MILLS<br>23808    | 16.07  | 15.76  | 14.55  | 14.42  | 14.47  | 15.50  | 15.83  | 16.07  | 17.85  | 17.47  | 16.82  | 17.64  | 17.42  | 17.41  | 16.76  | 17.35  | 17.82  | 18.79  | 20.19  | 21.49  | 22.10   | 19.76  | 16.05  | 15.78  |
|                             | 0.18   | 0.22   | 0.15   | 0.15   | 0.19   | 0.24   | 0.19   | 0.15   | 0.18   | 0.16   | 0.14   | 0.12   | 0.08   | 0.14   | 0.09   | 0.10   | 0.12   | 0.15   | 0.14   | 0.24   | 0.21    | 0.20   | 0.18   | 0.26   |
|                             | -10.75 | -10.40 | -10.34 | -10.22 | -10.22 | -10.11 | -10.52 | -10.99 | -10.49 | -10.57 | -10.20 | -10.19 | -9.75  | -9.33  | -9.45  | -9.32  | -9.77  | -10.69 | -12.13 | -13.33 | -13.97  | -11.65 | -10.52 | -10.38 |
| GE_PLASTICS___DRP<br>24183  | 68.66  | 66.57  | 65.11  | 64.38  | 64.40  | 64.87  | 67.24  | 69.80  | 69.19  | 69.20  | 66.73  | 67.57  | 65.27  | 63.17  | 63.20  | 63.19  | 65.82  | 71.27  | 80.98  | 88.17  | 91.95   | 78.05  | 68.63  | 67.56  |
|                             | 0.27   | 0.26   | 0.22   | 0.21   | 0.21   | 0.26   | 0.26   | 0.26   | 0.39   | 0.37   | 0.36   | 0.40   | 0.41   | 0.43   | 0.39   | 0.43   | 0.44   | 0.45   | 0.43   | 0.44   | 0.44    | 0.43   | 0.29   | 0.27   |
|                             | -63.26 | -61.16 | -60.84 | -60.11 | -60.12 | -59.45 | -61.85 | -64.62 | -61.62 | -62.09 | -59.89 | -59.84 | -57.27 | -54.81 | -55.59 | -54.84 | -57.43 | -62.87 | -72.63 | -79.81 | -83.59  | -69.71 | -62.97 | -62.15 |
| GILBOA___1<br>23756         | 57.12  | 55.43  | 54.03  | 53.43  | 53.45  | 54.04  | 55.96  | 58.02  | 57.93  | 57.85  | 55.79  | 56.64  | 54.81  | 53.16  | 53.05  | 53.17  | 55.32  | 59.77  | 69.86  | 75.94  | 79.15   | 67.39  | 58.99  | 58.06  |
|                             | 0.23   | 0.25   | 0.20   | 0.19   | 0.20   | 0.25   | 0.23   | 0.22   | 0.34   | 0.32   | 0.31   | 0.35   | 0.36   | 0.39   | 0.35   | 0.38   | 0.39   | 0.39   | 0.39   | 0.38   | 0.38    | 0.40   | 0.26   | 0.24   |
|                             | -51.75 | -50.04 | -49.77 | -49.18 | -49.19 | -48.64 | -50.60 | -52.87 | -50.42 | -50.80 | -49.00 | -48.96 | -46.86 | -44.84 | -45.48 | -44.87 | -46.99 | -51.44 | -61.56 | -67.64 | -70.85  | -59.08 | -53.37 | -52.67 |
| GILBOA___2<br>23757         | 57.12  | 55.43  | 54.03  | 53.43  | 53.45  | 54.04  | 55.96  | 58.02  | 57.93  | 57.85  | 55.79  | 56.64  | 54.81  | 53.16  | 53.05  | 53.17  | 55.32  | 59.77  | 69.86  | 75.94  | 79.15   | 67.39  | 58.99  | 58.06  |
|                             | 0.23   | 0.25   | 0.20   | 0.19   | 0.20   | 0.25   | 0.23   | 0.22   | 0.34   | 0.32   | 0.31   | 0.35   | 0.36   | 0.39   | 0.35   | 0.38   | 0.39   | 0.39   | 0.39   | 0.38   | 0.38    | 0.40   | 0.26   | 0.24   |
|                             | -51.75 | -50.04 | -49.77 | -49.18 | -49.19 | -48.64 | -50.60 | -52.87 | -50.42 | -50.80 | -49.00 | -48.96 | -46.86 | -44.84 | -45.48 | -44.87 | -46.99 | -51.44 | -61.56 | -67.64 | -70.85  | -59.08 | -53.37 | -52.67 |
| GILBOA___3<br>23758         | 57.12  | 55.43  | 54.03  | 53.43  | 53.45  | 54.04  | 55.96  | 58.02  | 57.93  | 57.85  | 55.79  | 56.64  | 54.81  | 53.16  | 53.05  | 53.17  | 55.32  | 59.77  | 69.86  | 75.94  | 79.15   | 67.39  | 58.99  | 58.06  |
|                             | 0.23   | 0.25   | 0.20   | 0.19   | 0.20   | 0.25   | 0.23   | 0.22   | 0.34   | 0.32   | 0.31   | 0.35   | 0.36   | 0.39   | 0.35   | 0.38   | 0.39   | 0.39   | 0.39   | 0.38   | 0.38    | 0.40   | 0.26   | 0.24   |
|                             | -51.75 | -50.04 | -49.77 | -49.18 | -49.19 | -48.64 | -50.60 | -52.87 | -50.42 | -50.80 | -49.00 | -48.96 | -46.86 | -44.84 | -45.48 | -44.87 | -46.99 | -51.44 | -61.56 | -67.64 | -70.85  | -59.08 | -53.37 | -52.67 |
| GILBOA___4<br>23759         | 57.12  | 55.43  | 54.03  | 53.43  | 53.45  | 54.04  | 55.96  | 58.02  | 57.93  | 57.85  | 55.79  | 56.64  | 54.81  | 53.16  | 53.05  | 53.17  | 55.32  | 59.77  | 69.86  | 75.94  | 79.15   | 67.39  | 58.99  | 58.06  |
|                             | 0.23   | 0.25   | 0.20   | 0.19   | 0.20   | 0.25   | 0.23   | 0.22   | 0.34   | 0.32   | 0.31   | 0.35   | 0.36   | 0.39   | 0.35   | 0.38   | 0.39   | 0.39   | 0.39   | 0.38   | 0.38    | 0.40   | 0.26   | 0.24   |
|                             | -51.75 | -50.04 | -49.77 | -49.18 | -49.19 | -48.64 | -50.60 | -52.87 | -50.42 | -50.80 | -49.00 | -48.96 | -46.86 | -44.84 | -45.48 | -44.87 | -46.99 | -51.44 | -61.56 | -67.64 | -70.85  | -59.08 | -53.37 | -52.67 |
| GILBOA____<br>23599         | 57.12  | 55.43  | 54.03  | 53.43  | 53.45  | 54.04  | 55.96  | 58.02  | 57.93  | 57.85  | 55.79  | 56.64  | 54.81  | 53.16  | 53.05  | 53.17  | 55.32  | 59.77  | 69.86  | 75.94  | 79.15   | 67.39  | 58.99  | 58.06  |
|                             | 0.23   | 0.25   | 0.20   | 0.19   | 0.20   | 0.25   | 0.23   | 0.22   | 0.34   | 0.32   | 0.31   | 0.35   | 0.36   | 0.39   | 0.35   | 0.38   | 0.39   | 0.39   | 0.39   | 0.38   | 0.38    | 0.40   | 0.26   | 0.24   |
|                             | -51.75 | -50.04 | -49.77 | -49.18 | -49.19 | -48.64 | -50.60 | -52.87 | -50.42 | -50.80 | -49.00 | -48.96 | -46.86 | -44.84 | -45.48 | -44.87 | -46.99 | -51.44 | -61.56 | -67.64 | -70.85  | -59.08 | -53.37 | -52.67 |
| GINNA_____<br>23603         | 12.77  | 12.54  | 11.44  | 11.34  | 11.37  | 12.34  | 12.60  | 12.75  | 14.52  | 14.14  | 13.63  | 14.43  | 14.34  | 14.39  | 13.77  | 14.36  | 14.72  | 15.44  | 16.49  | 17.40  | 17.86   | 16.15  | 12.89  | 12.62  |
|                             | -0.20  | -0.18  | -0.16  | -0.16  | -0.14  | -0.18  | -0.19  | -0.19  | -0.29  | -0.29  | -0.27  | -0.31  | -0.35  | -0.33  | -0.34  | -0.36  | -0.33  | -0.30  | -0.32  | -0.30  | -0.31   | -0.31  | -0.19  | -0.14  |
|                             | -7.84  | -7.58  | -7.54  | -7.45  | -7.45  | -7.37  | -7.67  | -8.01  | -7.64  | -7.70  | -7.42  | -7.42  | -7.10  | -6.79  | -6.89  | -6.80  | -7.12  | -7.79  | -8.90  | -9.78  | -10.25  | -8.55  | -7.72  | -7.62  |
| GLEN PARK_____<br>23778     | 8.14   | 8.05   | 6.95   | 6.93   | 6.94   | 7.97   | 8.07   | 8.05   | 10.11  | 9.66   | 9.25   | 10.07  | 10.21  | 10.40  | 9.73   | 10.35  | 10.50  | 10.87  | 11.93  | 12.40  | 12.61   | 11.80  | 8.85   | 8.61   |
|                             | -0.13  | -0.13  | -0.13  | -0.11  | -0.11  | -0.12  | -0.13  | -0.08  | -0.12  | -0.15  | -0.20  | -0.22  | -0.22  | -0.25  | -0.25  | -0.29  | -0.29  | -0.20  | -0.13  | -0.09  | -0.09   | -0.09  | -0.10  | -0.09  |
|                             | -3.14  | -3.03  | -3.02  | -2.98  | -2.98  | -2.95  | -3.07  | -3.20  | -3.06  | -3.08  | -2.97  | -2.97  | -2.84  | -2.72  | -2.76  | -2.72  | -2.85  | -3.12  | -4.15  | -4.56  | -4.78   | -3.98  | -3.60  | -3.55  |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| GLENWOOD_IC_1_G5<br>23712              | 72.56<br>0.52<br>-66.91 | 60.49<br>0.49<br>-54.86 | 55.39<br>0.39<br>-50.94 | 53.50<br>0.38<br>-49.06 | 54.29<br>0.39<br>-49.84 | 58.02<br>0.49<br>-52.38 | 55.25<br>0.51<br>-49.61 | 56.09<br>0.48<br>-50.68 | 56.24<br>0.73<br>-48.33 | 56.63<br>0.69<br>-49.20 | 58.05<br>0.67<br>-50.90 | 63.93<br>0.76<br>-55.84 | 56.04<br>0.80<br>-47.65 | 56.04<br>0.86<br>-47.25 | 56.06<br>0.79<br>-48.05 | 60.13<br>0.85<br>-51.36 | 74.94<br>0.89<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.11<br>0.88<br>-70.32  | 85.47<br>0.90<br>-76.64  | 104.07<br>0.90<br>-95.25 | 80.48<br>0.89<br>-71.68  | 74.91<br>0.59<br>-68.96 | 65.61<br>0.55<br>-59.91 |
| GLENWOOD_IC_2_G1<br>23688              | 72.52<br>0.48<br>-66.91 | 60.46<br>0.46<br>-54.86 | 55.37<br>0.37<br>-50.94 | 53.48<br>0.36<br>-49.06 | 54.26<br>0.36<br>-49.84 | 57.99<br>0.46<br>-52.38 | 55.22<br>0.48<br>-49.61 | 56.06<br>0.45<br>-50.68 | 56.20<br>0.69<br>-48.33 | 56.58<br>0.65<br>-49.20 | 58.01<br>0.63<br>-50.90 | 63.88<br>0.72<br>-55.84 | 55.99<br>0.75<br>-47.65 | 55.99<br>0.81<br>-47.25 | 56.01<br>0.74<br>-48.05 | 60.08<br>0.80<br>-51.36 | 74.89<br>0.84<br>-66.11 | 77.98<br>0.83<br>-69.20 | 79.07<br>0.83<br>-70.32  | 85.41<br>0.85<br>-76.64  | 104.02<br>0.85<br>-95.25 | 80.43<br>0.84<br>-71.68  | 74.87<br>0.56<br>-68.96 | 65.58<br>0.52<br>-59.91 |
| GLENWOOD_IC_3_G1<br>23689              | 72.52<br>0.48<br>-66.91 | 60.46<br>0.46<br>-54.86 | 55.37<br>0.37<br>-50.94 | 53.48<br>0.36<br>-49.06 | 54.26<br>0.36<br>-49.84 | 57.99<br>0.46<br>-52.38 | 55.22<br>0.48<br>-49.61 | 56.06<br>0.45<br>-50.68 | 56.20<br>0.69<br>-48.33 | 56.58<br>0.65<br>-49.20 | 58.01<br>0.63<br>-50.90 | 63.88<br>0.72<br>-55.84 | 55.99<br>0.75<br>-47.65 | 55.99<br>0.81<br>-47.25 | 56.01<br>0.74<br>-48.05 | 60.08<br>0.80<br>-51.36 | 74.89<br>0.84<br>-66.11 | 77.98<br>0.83<br>-69.20 | 79.07<br>0.83<br>-70.32  | 85.41<br>0.85<br>-76.64  | 104.02<br>0.85<br>-95.25 | 80.43<br>0.84<br>-71.68  | 74.87<br>0.56<br>-68.96 | 65.58<br>0.52<br>-59.91 |
| GLENWOOD___4<br>23550                  | 72.56<br>0.52<br>-66.91 | 60.49<br>0.49<br>-54.86 | 55.39<br>0.39<br>-50.94 | 53.50<br>0.38<br>-49.06 | 54.29<br>0.39<br>-49.84 | 58.02<br>0.49<br>-52.38 | 55.25<br>0.51<br>-49.61 | 56.09<br>0.48<br>-50.68 | 56.24<br>0.73<br>-48.33 | 56.63<br>0.69<br>-49.20 | 58.05<br>0.67<br>-50.90 | 63.93<br>0.76<br>-55.84 | 56.04<br>0.80<br>-47.65 | 56.04<br>0.86<br>-47.25 | 56.06<br>0.79<br>-48.05 | 60.13<br>0.85<br>-51.36 | 74.94<br>0.89<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.11<br>0.88<br>-70.32  | 85.47<br>0.90<br>-76.64  | 104.07<br>0.90<br>-95.25 | 80.48<br>0.89<br>-71.68  | 74.91<br>0.59<br>-68.96 | 65.61<br>0.55<br>-59.91 |
| GLENWOOD___5<br>23614                  | 72.56<br>0.52<br>-66.91 | 60.49<br>0.49<br>-54.86 | 55.39<br>0.39<br>-50.94 | 53.50<br>0.38<br>-49.06 | 54.29<br>0.39<br>-49.84 | 58.02<br>0.49<br>-52.38 | 55.25<br>0.51<br>-49.61 | 56.09<br>0.48<br>-50.68 | 56.24<br>0.73<br>-48.33 | 56.63<br>0.69<br>-49.20 | 58.05<br>0.67<br>-50.90 | 63.93<br>0.76<br>-55.84 | 56.04<br>0.80<br>-47.65 | 56.04<br>0.86<br>-47.25 | 56.06<br>0.79<br>-48.05 | 60.13<br>0.85<br>-51.36 | 74.94<br>0.89<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.11<br>0.88<br>-70.32  | 85.47<br>0.90<br>-76.64  | 104.07<br>0.90<br>-95.25 | 80.48<br>0.89<br>-71.68  | 74.91<br>0.59<br>-68.96 | 65.61<br>0.55<br>-59.91 |
| GLOBAL GREEN_PORT_GT1<br>23814         | 72.78<br>0.74<br>-66.91 | 60.69<br>0.69<br>-54.86 | 55.54<br>0.54<br>-50.94 | 53.67<br>0.55<br>-49.06 | 54.46<br>0.56<br>-49.84 | 58.25<br>0.72<br>-52.38 | 55.49<br>0.75<br>-49.61 | 56.27<br>0.66<br>-50.68 | 56.49<br>0.98<br>-48.33 | 56.86<br>0.92<br>-49.20 | 58.22<br>0.84<br>-50.90 | 64.10<br>0.94<br>-55.84 | 56.21<br>0.98<br>-47.65 | 56.24<br>1.05<br>-47.25 | 56.23<br>0.96<br>-48.05 | 60.33<br>1.05<br>-51.36 | 75.17<br>1.12<br>-66.11 | 78.30<br>1.16<br>-69.20 | 79.41<br>1.17<br>-70.32  | 85.78<br>1.22<br>-76.64  | 104.39<br>1.22<br>-95.25 | 80.79<br>1.20<br>-71.68  | 75.13<br>0.81<br>-68.96 | 65.80<br>0.75<br>-59.91 |
| GLOBE___DSASP<br>323697                | 15.18<br>0.03<br>-10.02 | 14.89<br>0.06<br>-9.69  | 13.72<br>0.02<br>-9.64  | 13.60<br>0.02<br>-9.52  | 13.65<br>0.06<br>-9.52  | 14.64<br>0.08<br>-9.42  | 14.95<br>0.02<br>-9.80  | 15.17<br>0.01<br>-10.24 | 16.75<br>-0.04<br>-9.61 | 16.35<br>-0.07<br>-9.68 | 15.76<br>-0.06<br>-9.34 | 16.56<br>-0.10<br>-9.33 | 16.37<br>-0.14<br>-8.93 | 16.38<br>-0.10<br>-8.55 | 15.89<br>-0.14<br>-8.80 | 16.47<br>-0.13<br>-8.69 | 16.86<br>-0.17<br>-9.10 | 17.76<br>-0.14<br>-9.96 | 19.08<br>-0.16<br>-11.32 | 20.27<br>-0.09<br>-12.44 | 20.84<br>-0.11<br>-13.03 | 18.67<br>-0.11<br>-10.86 | 15.17<br>-0.01<br>-9.81 | 14.93<br>0.10<br>-9.68  |
| GOETHSLN___LBMP<br>323567              | 55.16<br>0.43<br>-49.60 | 53.51<br>0.40<br>-47.96 | 52.09<br>0.32<br>-47.71 | 51.50<br>0.31<br>-47.14 | 51.53<br>0.32<br>-47.15 | 52.18<br>0.41<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.01<br>0.40<br>-50.67 | 56.13<br>0.62<br>-48.32 | 56.00<br>0.57<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.17<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.00 | 53.73<br>0.75<br>-45.04 | 57.99<br>0.75<br>-49.30 | 65.21<br>0.75<br>-56.55  | 70.82<br>0.76<br>-62.13  | 73.77<br>0.77<br>-65.08  | 62.95<br>0.76<br>-54.27  | 54.88<br>0.50<br>-49.03 | 53.99<br>0.46<br>-48.38 |
| GOODYEAR_LAKE_HYD<br>323669            | 24.97<br>0.30<br>-19.53 | 24.34<br>0.31<br>-18.88 | 23.08<br>0.24<br>-18.78 | 22.85<br>0.23<br>-18.56 | 22.87<br>0.24<br>-18.56 | 23.82<br>0.31<br>-18.36 | 24.52<br>0.30<br>-19.10 | 25.19<br>0.31<br>-19.95 | 26.66<br>0.46<br>-19.03 | 26.33<br>0.42<br>-19.17 | 25.38<br>0.41<br>-18.49 | 26.28<br>0.48<br>-18.48 | 25.75<br>0.48<br>-17.68 | 25.35<br>0.50<br>-16.92 | 24.82<br>0.44<br>-17.16 | 25.35<br>0.50<br>-16.93 | 26.19<br>0.52<br>-17.73 | 27.91<br>0.55<br>-19.41 | 22.48<br>0.51<br>-14.05  | 23.90<br>0.54<br>-15.44  | 24.63<br>0.54<br>-16.17  | 21.94<br>0.54<br>-13.48  | 17.89<br>0.35<br>-12.18 | 17.50<br>0.34<br>-12.02 |
| GOUDEY_115_KV_TB6_REV_LBMP_C<br>345031 | 27.20<br>0.20<br>-21.86 | 26.48<br>0.20<br>-21.14 | 25.24<br>0.15<br>-21.03 | 24.98<br>0.15<br>-20.78 | 25.01<br>0.16<br>-20.78 | 25.91<br>0.21<br>-20.55 | 26.70<br>0.20<br>-21.38 | 27.46<br>0.20<br>-22.33 | 28.76<br>0.28<br>-21.30 | 28.46<br>0.26<br>-21.46 | 27.44<br>0.26<br>-20.70 | 28.29<br>0.28<br>-20.68 | 27.66<br>0.28<br>-19.80 | 27.19<br>0.32<br>-18.94 | 26.71<br>0.27<br>-19.21 | 27.19<br>0.32<br>-18.95 | 28.12<br>0.33<br>-19.85 | 30.03<br>0.35<br>-19.73 | 32.59<br>0.33<br>-21.73  | 35.03<br>0.36<br>-24.34  | 36.30<br>0.36<br>-26.75  | 31.63<br>0.35<br>-28.02  | 26.71<br>0.24<br>-23.37 | 26.21<br>0.23<br>-20.83 |
| GOUDEY___7<br>23579                    | 27.20<br>0.20<br>-21.86 | 26.49<br>0.21<br>-21.14 | 25.24<br>0.15<br>-21.03 | 24.98<br>0.15<br>-20.78 | 25.01<br>0.17<br>-20.78 | 25.91<br>0.22<br>-20.55 | 26.70<br>0.20<br>-21.38 | 27.46<br>0.20<br>-22.33 | 28.76<br>0.29<br>-21.30 | 28.47<br>0.27<br>-21.46 | 27.44<br>0.27<br>-20.70 | 28.29<br>0.29<br>-20.68 | 27.67<br>0.29<br>-19.80 | 27.20<br>0.33<br>-18.94 | 26.71<br>0.28<br>-19.21 | 27.20<br>0.32<br>-18.95 | 28.13<br>0.34<br>-19.85 | 30.03<br>0.36<br>-21.73 | 32.60<br>0.34<br>-24.34  | 35.04<br>0.36<br>-26.75  | 36.30<br>0.36<br>-28.02  | 31.64<br>0.36<br>-23.37  | 26.71<br>0.25<br>-21.11 | 26.21<br>0.24<br>-20.83 |
| GOUDEY___8<br>23580                    | 27.20<br>0.20<br>-21.86 | 26.48<br>0.20<br>-21.14 | 25.24<br>0.15<br>-21.03 | 24.98<br>0.15<br>-20.78 | 25.01<br>0.16<br>-20.78 | 25.91<br>0.21<br>-20.55 | 26.70<br>0.20<br>-21.38 | 27.46<br>0.20<br>-22.33 | 28.76<br>0.28<br>-21.30 | 28.46<br>0.26<br>-21.46 | 27.44<br>0.26<br>-20.70 | 28.29<br>0.28<br>-20.68 | 27.66<br>0.28<br>-19.80 | 27.19<br>0.32<br>-18.94 | 26.71<br>0.27<br>-19.21 | 27.19<br>0.32<br>-18.95 | 28.12<br>0.33<br>-19.85 | 30.03<br>0.35<br>-21.73 | 32.59<br>0.33<br>-24.34  | 35.03<br>0.36<br>-26.75  | 36.30<br>0.36<br>-28.02  | 31.63<br>0.35<br>-23.37  | 26.71<br>0.24<br>-21.11 | 26.21<br>0.23<br>-20.83 |
| GOWANUS_GT1_1<br>24077                 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55  | 70.88<br>0.82<br>-62.14  | 73.82<br>0.82<br>-65.08  | 63.01<br>0.82<br>-54.28  | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT1_2<br>24078                 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55  | 70.88<br>0.82<br>-62.14  | 73.82<br>0.82<br>-65.08  | 63.01<br>0.82<br>-54.28  | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT1_3<br>24079                 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55  | 70.88<br>0.82<br>-62.14  | 73.82<br>0.82<br>-65.08  | 63.01<br>0.82<br>-54.28  | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |

|                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT1_4<br>24080 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT1_5<br>24084 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT1_6<br>24111 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT1_7<br>24112 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT1_8<br>24113 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT2_1<br>24114 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT2_2<br>24115 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT2_3<br>24116 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT2_4<br>24117 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT2_5<br>24118 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT2_6<br>24119 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT2_7<br>24120 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT2_8<br>24121 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT3_1<br>24122 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT3_2<br>24123 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |



|                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT3_3<br>24124 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT3_4<br>24125 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT3_5<br>24126 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT3_6<br>24127 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT3_7<br>24128 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT3_8<br>24129 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GOWANUS_GT4_1<br>24130 | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 |                         |                         |                         |                         |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| GREENIDGE___4<br>23583                       | 18.68<br>0.17<br>-13.38 | 18.26<br>0.17<br>-12.94 | 17.06<br>0.13<br>-12.87 | 16.89<br>0.12<br>-12.72 | 16.92<br>0.14<br>-12.72 | 17.92<br>0.19<br>-12.58 | 18.38<br>0.17<br>-13.08 | 18.77<br>0.18<br>-13.67 | 20.45<br>0.24<br>-13.04 | 20.09<br>0.22<br>-13.14 | 19.36<br>0.21<br>-12.67 | 20.20<br>0.21<br>-12.66 | 19.91<br>0.20<br>-12.12 | 19.78<br>0.25<br>-11.59 | 19.17<br>0.19<br>-11.76 | 19.74<br>0.21<br>-11.60 | 20.34<br>0.25<br>-12.15 | 21.55<br>0.30<br>-13.30 | 23.24<br>0.28<br>-15.04 | 24.78<br>0.33<br>-16.52 | 25.55<br>0.32<br>-17.31  | 22.66<br>0.31<br>-14.43 | 18.62<br>0.22<br>-13.04 | 18.23<br>0.22<br>-12.87 |
| GREENWD_138_KV_38B11_REV_LBMP_J<br>345004    | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08  | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| GROVEVILLE___HYD<br>323602                   | 55.60<br>0.43<br>-50.03 | 53.93<br>0.41<br>-48.37 | 52.50<br>0.32<br>-48.12 | 51.92<br>0.32<br>-47.55 | 51.94<br>0.32<br>-47.55 | 52.59<br>0.41<br>-47.02 | 54.47<br>0.43<br>-48.92 | 56.44<br>0.40<br>-51.11 | 56.53<br>0.61<br>-48.74 | 56.42<br>0.57<br>-49.11 | 54.41<br>0.56<br>-47.37 | 55.30<br>0.64<br>-47.33 | 53.55<br>0.66<br>-45.30 | 52.00<br>0.71<br>-43.35 | 51.84<br>0.66<br>-43.96 | 52.01<br>0.71<br>-43.38 | 54.13<br>0.76<br>-45.43 | 58.44<br>0.77<br>-49.73 | 65.82<br>0.76<br>-57.14 | 71.48<br>0.77<br>-62.79 | 74.47<br>0.78<br>-65.77  | 63.52<br>0.76<br>-54.84 | 55.40<br>0.50<br>-49.54 | 54.49<br>0.45<br>-48.89 |
| HAMPSHIRE___PAPER_HYD<br>323593              | 6.12<br>-0.22<br>-1.20  | 6.09<br>-0.22<br>-1.16  | 5.04<br>-0.17<br>-1.15  | 5.04<br>-0.16<br>-1.14  | 5.03<br>-0.17<br>-1.14  | 6.06<br>-0.22<br>-1.13  | 6.10<br>-0.20<br>-1.17  | 5.98<br>-0.17<br>-1.23  | 8.09<br>-0.26<br>-1.17  | 7.67<br>-0.25<br>-1.18  | 7.34<br>-0.27<br>-1.14  | 8.16<br>-0.30<br>-1.14  | 8.37<br>-0.30<br>-1.09  | 8.63<br>-0.34<br>-1.04  | 7.95<br>-0.32<br>-1.05  | 8.61<br>-0.36<br>-1.04  | 8.66<br>-0.37<br>-1.09  | 8.81<br>-0.33<br>-1.19  | 9.76<br>-0.28<br>-2.12  | 9.98<br>-0.27<br>-2.33  | 10.10<br>-0.26<br>-2.44  | 9.69<br>-0.26<br>-2.04  | 6.99<br>-0.20<br>-1.84  | 6.76<br>-0.20<br>-1.82  |
| HARDSCRABBLE_WT_PWR<br>323673                | 5.15<br>0.02<br>0.00    | 5.16<br>0.02<br>0.00    | 4.07<br>0.01<br>0.00    | 4.06<br>0.01<br>0.00    | 4.07<br>0.01<br>0.00    | 5.16<br>0.01<br>0.00    | 5.13<br>0.01<br>0.00    | 4.93<br>0.00<br>0.00    | 7.19<br>0.01<br>0.00    | 6.76<br>0.03<br>0.00    | 6.51<br>0.03<br>0.00    | 7.39<br>0.07<br>0.00    | 7.66<br>0.08<br>0.00    | 8.02<br>0.09<br>0.00    | 7.30<br>0.08<br>0.00    | 8.02<br>0.10<br>0.00    | 8.03<br>0.09<br>0.00    | 8.03<br>0.09<br>0.00    | 7.98<br>0.06<br>0.00    | 7.95<br>0.03<br>0.00    | 7.93<br>0.01<br>0.00     | 7.91<br>0.00<br>0.00    | 5.35<br>-0.01<br>0.00   | 5.14<br>-0.01<br>0.00   |
| HARRIMAN_69_KV_BK771_REV_LBMP_G<br>345025    | 52.87<br>0.40<br>-47.34 | 51.29<br>0.38<br>-45.77 | 49.89<br>0.30<br>-45.53 | 49.34<br>0.29<br>-44.99 | 49.36<br>0.30<br>-45.00 | 50.03<br>0.38<br>-44.49 | 51.81<br>0.39<br>-46.29 | 53.66<br>0.37<br>-48.36 | 53.86<br>0.56<br>-46.12 | 53.73<br>0.53<br>-46.47 | 51.82<br>0.52<br>-44.83 | 52.70<br>0.59<br>-44.79 | 51.06<br>0.61<br>-42.86 | 49.62<br>0.67<br>-41.02 | 49.44<br>0.61<br>-41.60 | 49.63<br>0.67<br>-41.04 | 51.63<br>0.71<br>-42.98 | 55.71<br>0.72<br>-47.05 | 61.83<br>0.70<br>-53.21 | 67.11<br>0.72<br>-58.47 | 69.88<br>0.72<br>-61.24  | 59.70<br>0.71<br>-51.07 | 51.96<br>0.47<br>-46.13 | 51.09<br>0.42<br>-45.53 |
| HARZA MOOSE___RIVER<br>24016                 | 6.53<br>-0.04<br>-1.43  | 6.49<br>-0.04<br>-1.39  | 5.41<br>-0.03<br>-1.38  | 5.39<br>-0.03<br>-1.36  | 5.39<br>-0.03<br>-1.36  | 6.47<br>-0.03<br>-1.35  | 6.50<br>-0.03<br>-1.40  | 6.39<br>0.00<br>-1.46   | 8.57<br>0.00<br>-1.40   | 8.14<br>0.00<br>-1.41   | 7.81<br>-0.03<br>-1.36  | 8.65<br>-0.03<br>-1.36  | 8.85<br>-0.03<br>-1.30  | 9.13<br>-0.05<br>-1.24  | 8.42<br>-0.06<br>-1.26  | 9.09<br>-0.07<br>-1.24  | 9.18<br>-0.06<br>-1.30  | 9.35<br>-0.02<br>-1.42  | 10.69<br>0.00<br>-2.78  | 10.99<br>0.02<br>-3.05  | 11.13<br>0.02<br>-3.20   | 10.60<br>0.02<br>-2.67  | 7.75<br>-0.02<br>-2.41  | 7.51<br>-0.01<br>-2.38  |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J<br>345018 | 55.21<br>0.47<br>-49.61 | 53.54<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.00<br>0.57<br>-48.69 | 54.01<br>0.56<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.25<br>0.78<br>-56.55 | 70.85<br>0.79<br>-62.14 | 73.80<br>0.79<br>-65.08  | 62.99<br>0.80<br>-54.28 | 54.91<br>0.52<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| HEMPSTEAD____<br>23647                       | 72.58<br>0.54<br>-66.91 | 60.51<br>0.51<br>-54.86 | 55.40<br>0.40<br>-50.94 | 53.52<br>0.40<br>-49.06 | 54.31<br>0.41<br>-49.84 | 58.05<br>0.52<br>-52.38 | 55.27<br>0.53<br>-49.61 | 56.11<br>0.50<br>-50.68 | 56.27<br>0.76<br>-48.33 | 56.66<br>0.72<br>-49.20 | 58.06<br>0.69<br>-50.90 | 63.94<br>0.78<br>-55.84 | 56.05<br>0.82<br>-47.65 | 56.06<br>0.87<br>-47.25 | 56.07<br>0.80<br>-48.05 | 60.15<br>0.87<br>-51.36 | 74.96<br>0.91<br>-66.11 | 78.04<br>0.90<br>-69.20 | 79.13<br>0.89<br>-70.32 | 85.48<br>0.92<br>-76.64 | 104.08<br>0.91<br>-95.25 | 80.50<br>0.90<br>-71.68 | 74.93<br>0.62<br>-68.96 | 65.63<br>0.58<br>-59.91 |
| HICKLING___1<br>23621                        | 22.67<br>0.30<br>-17.24 | 22.12<br>0.30<br>-16.67 | 20.86<br>0.22<br>-16.58 | 20.66<br>0.22<br>-16.38 | 20.70<br>0.25<br>-16.39 | 21.68<br>0.32<br>-16.20 | 22.29<br>0.30<br>-16.86 | 22.84<br>0.30<br>-17.61 | 24.39<br>0.42<br>-16.80 | 24.05<br>0.38<br>-16.93 | 23.18<br>0.38<br>-16.33 | 24.04<br>0.40<br>-16.31 | 23.59<br>0.39<br>-15.61 | 23.33<br>0.46<br>-14.94 | 22.75<br>0.38<br>-15.15 | 23.31<br>0.44<br>-14.95 | 24.07<br>0.48<br>-15.65 | 25.58<br>0.50<br>-17.14 | 27.70<br>0.47<br>-19.32 | 29.68<br>0.53<br>-21.22 | 30.68<br>0.53<br>-22.23  | 26.96<br>0.51<br>-18.54 | 22.46<br>0.35<br>-16.75 | 22.02<br>0.34<br>-16.53 |
| HICKLING___2<br>23622                        | 22.67<br>0.30<br>-17.24 | 22.12<br>0.30<br>-16.67 | 20.86<br>0.22<br>-16.58 | 20.66<br>0.22<br>-16.38 | 20.70<br>0.25<br>-16.39 | 21.68<br>0.32<br>-16.20 | 22.29<br>0.30<br>-16.86 | 22.84<br>0.30<br>-17.61 | 24.39<br>0.42<br>-16.80 | 24.05<br>0.38<br>-16.93 | 23.18<br>0.38<br>-16.33 | 24.04<br>0.40<br>-16.31 | 23.59<br>0.39<br>-15.61 | 23.33<br>0.46<br>-14.94 | 22.75<br>0.38<br>-15.15 | 23.31<br>0.44<br>-14.95 | 24.07<br>0.48<br>-15.65 | 25.58<br>0.50<br>-17.14 | 27.70<br>0.47<br>-19.32 | 29.68<br>0.53<br>-21.22 | 30.68<br>0.53<br>-22.23  | 26.96<br>0.51<br>-18.54 | 22.46<br>0.35<br>-16.75 | 22.02<br>0.34<br>-16.53 |
| HIGH FALLS___HY<br>23754                     | 54.42<br>0.37<br>-48.92 | 52.80<br>0.36<br>-47.30 | 51.42<br>0.32<br>-47.04 | 50.82<br>0.28<br>-46.49 | 50.84<br>0.28<br>-46.49 | 51.50<br>0.37<br>-45.98 | 53.33<br>0.37<br>-47.83 | 55.24<br>0.34<br>-49.97 | 55.33<br>0.49<br>-47.65 | 55.18<br>0.43<br>-48.02 | 53.23<br>0.43<br>-46.32 | 54.11<br>0.51<br>-46.28 | 52.40<br>0.52<br>-44.29 | 50.88<br>0.56<br>-42.38 | 50.70<br>0.50<br>-42.98 | 50.89<br>0.55<br>-42.41 | 52.97<br>0.62<br>-44.41 | 57.22<br>0.66<br>-48.62 | 64.15<br>0.66<br>-55.57 | 69.65<br>0.67<br>-61.06 | 72.56<br>0.68<br>-63.96  | 61.92<br>0.67<br>-53.34 | 53.97<br>0.43<br>-48.18 | 53.08<br>0.39<br>-47.55 |
| HILLBURN___GT<br>23639                       | 53.37<br>0.39<br>-47.84 | 51.77<br>0.37<br>-46.26 | 50.38<br>0.31<br>-46.01 | 49.80<br>0.28<br>-45.47 | 49.83<br>0.29<br>-45.47 | 50.49<br>0.37<br>-44.97 | 52.29<br>0.38<br>-46.78 | 54.17<br>0.36<br>-48.87 | 54.35<br>0.56<br>-46.61 | 54.22<br>0.53<br>-46.96 | 52.29<br>0.52<br>-45.30 | 53.18<br>0.59<br>-45.26 | 51.53<br>0.62<br>-43.32 | 50.05<br>0.67<br>-41.45 | 49.88<br>0.61<br>-42.04 | 50.07<br>0.67<br>-41.48 | 52.08<br>0.70<br>-43.44 | 56.20<br>0.70<br>-47.55 | 62.55<br>0.69<br>-53.95 | 67.92<br>0.71<br>-59.28 | 70.73<br>0.72<br>-62.09  | 60.40<br>0.70<br>-51.78 | 52.60<br>0.47<br>-46.77 | 51.73<br>0.42<br>-46.16 |
| HISHELDN_WT_PWR<br>323625                    | 17.11<br>0.16<br>-11.81 | 16.75<br>0.19<br>-11.42 | 15.55<br>0.13<br>-11.36 | 15.41<br>0.13<br>-11.22 | 15.45<br>0.16<br>-11.23 | 16.47<br>0.22<br>-11.10 | 16.85<br>0.17<br>-11.55 | 17.14<br>0.14<br>-12.07 | 18.86<br>0.17<br>-11.51 | 18.50<br>0.16<br>-11.60 | 17.82<br>0.16<br>-11.19 | 18.63<br>0.12<br>-11.18 | 18.35<br>0.07<br>-10.70 | 18.31<br>0.13<br>-10.24 | 17.68<br>0.08<br>-10.38 | 18.27<br>0.11<br>-10.24 | 18.79<br>0.13<br>-10.72 | 19.85<br>0.16<br>-11.74 | 21.36<br>0.14<br>-13.30 | 22.78<br>0.24<br>-14.62 | 23.45<br>0.21<br>-15.31  | 20.89<br>0.21<br>-12.77 | 17.07<br>0.18<br>-11.54 | 16.74<br>0.22<br>-11.38 |
| HOLTSVILLE_IC_1<br>23690                     | 72.66<br>0.62<br>-66.91 | 60.58<br>0.58<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.58<br>0.46<br>-49.06 | 54.37<br>0.47<br>-49.84 | 58.12<br>0.60<br>-52.38 | 55.36<br>0.62<br>-49.61 | 56.16<br>0.55<br>-50.68 | 56.34<br>0.83<br>-48.33 | 56.72<br>0.78<br>-49.20 | 58.09<br>0.71<br>-50.90 | 63.97<br>0.81<br>-55.84 | 56.08<br>0.85<br>-47.65 | 56.09<br>0.91<br>-47.25 | 56.10<br>0.83<br>-48.05 | 60.18<br>0.90<br>-51.36 | 75.00<br>0.95<br>-66.11 | 78.10<br>0.95<br>-69.20 | 79.19<br>0.96<br>-70.32 | 85.55<br>0.98<br>-76.64 | 104.14<br>0.97<br>-95.25 | 80.56<br>0.97<br>-71.68 | 75.00<br>0.69<br>-68.96 | 65.69<br>0.63<br>-59.91 |

|                               |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| HOLTSVILLE_IC_10<br>23699     | 72.68<br>0.64<br>-66.91 | 60.61<br>0.61<br>-54.86 | 55.47<br>0.47<br>-50.94 | 53.60<br>0.48<br>-49.06 | 54.39<br>0.49<br>-49.84 | 58.15<br>0.62<br>-52.38 | 55.39<br>0.65<br>-49.61 | 56.19<br>0.58<br>-50.68 | 56.37<br>0.86<br>-48.33 | 56.75<br>0.81<br>-49.20 | 58.12<br>0.74<br>-50.90 | 64.00<br>0.83<br>-55.84 | 56.11<br>0.88<br>-47.65 | 56.13<br>0.94<br>-47.25 | 56.13<br>0.86<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.04<br>0.99<br>-66.11 | 78.15<br>1.00<br>-69.20 | 79.24<br>1.01<br>-70.32 | 85.60<br>1.04<br>-76.64 | 104.20<br>1.03<br>-95.25 | 80.62<br>1.02<br>-71.68 | 75.03<br>0.72<br>-68.96 | 65.72<br>0.66<br>-59.91 |
| HOLTSVILLE_IC_2<br>23691      | 72.66<br>0.62<br>-66.91 | 60.58<br>0.58<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.58<br>0.46<br>-49.06 | 54.37<br>0.47<br>-49.84 | 58.12<br>0.60<br>-52.38 | 55.36<br>0.62<br>-49.61 | 56.16<br>0.55<br>-50.68 | 56.34<br>0.83<br>-48.33 | 56.72<br>0.78<br>-49.20 | 58.09<br>0.71<br>-50.90 | 63.97<br>0.81<br>-55.84 | 56.08<br>0.85<br>-47.65 | 56.09<br>0.91<br>-47.25 | 56.10<br>0.83<br>-48.05 | 60.18<br>0.90<br>-51.36 | 75.00<br>0.95<br>-66.11 | 78.10<br>0.95<br>-69.20 | 79.19<br>0.96<br>-70.32 | 85.55<br>0.98<br>-76.64 | 104.14<br>0.97<br>-95.25 | 80.56<br>0.97<br>-71.68 | 75.00<br>0.69<br>-68.96 | 65.69<br>0.63<br>-59.91 |
| HOLTSVILLE_IC_3<br>23692      | 72.66<br>0.62<br>-66.91 | 60.58<br>0.58<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.58<br>0.46<br>-49.06 | 54.37<br>0.47<br>-49.84 | 58.12<br>0.60<br>-52.38 | 55.36<br>0.62<br>-49.61 | 56.16<br>0.55<br>-50.68 | 56.34<br>0.83<br>-48.33 | 56.72<br>0.78<br>-49.20 | 58.09<br>0.71<br>-50.90 | 63.97<br>0.81<br>-55.84 | 56.08<br>0.85<br>-47.65 | 56.09<br>0.91<br>-47.25 | 56.10<br>0.83<br>-48.05 | 60.18<br>0.90<br>-51.36 | 75.00<br>0.95<br>-66.11 | 78.10<br>0.95<br>-69.20 | 79.19<br>0.96<br>-70.32 | 85.55<br>0.98<br>-76.64 | 104.14<br>0.97<br>-95.25 | 80.56<br>0.97<br>-71.68 | 75.00<br>0.69<br>-68.96 | 65.69<br>0.63<br>-59.91 |
| HOLTSVILLE_IC_4<br>23693      | 72.66<br>0.62<br>-66.91 | 60.58<br>0.58<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.58<br>0.46<br>-49.06 | 54.37<br>0.47<br>-49.84 | 58.12<br>0.60<br>-52.38 | 55.36<br>0.62<br>-49.61 | 56.16<br>0.55<br>-50.68 | 56.34<br>0.83<br>-48.33 | 56.72<br>0.78<br>-49.20 | 58.09<br>0.71<br>-50.90 | 63.97<br>0.81<br>-55.84 | 56.08<br>0.85<br>-47.65 | 56.09<br>0.91<br>-47.25 | 56.10<br>0.83<br>-48.05 | 60.18<br>0.90<br>-51.36 | 75.00<br>0.95<br>-66.11 | 78.10<br>0.95<br>-69.20 | 79.19<br>0.96<br>-70.32 | 85.55<br>0.98<br>-76.64 | 104.14<br>0.97<br>-95.25 | 80.56<br>0.97<br>-71.68 | 75.00<br>0.69<br>-68.96 | 65.69<br>0.63<br>-59.91 |
| HOLTSVILLE_IC_5<br>23694      | 72.66<br>0.62<br>-66.91 | 60.58<br>0.58<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.58<br>0.46<br>-49.06 | 54.37<br>0.47<br>-49.84 | 58.12<br>0.60<br>-52.38 | 55.36<br>0.62<br>-49.61 | 56.16<br>0.55<br>-50.68 | 56.34<br>0.83<br>-48.33 | 56.72<br>0.78<br>-49.20 | 58.09<br>0.71<br>-50.90 | 63.97<br>0.81<br>-55.84 | 56.08<br>0.85<br>-47.65 | 56.09<br>0.91<br>-47.25 | 56.10<br>0.83<br>-48.05 | 60.18<br>0.90<br>-51.36 | 75.00<br>0.95<br>-66.11 | 78.10<br>0.95<br>-69.20 | 79.19<br>0.96<br>-70.32 | 85.55<br>0.98<br>-76.64 | 104.14<br>0.97<br>-95.25 | 80.56<br>0.97<br>-71.68 | 75.00<br>0.69<br>-68.96 | 65.69<br>0.63<br>-59.91 |
| HOLTSVILLE_IC_6<br>23695      | 72.68<br>0.64<br>-66.91 | 60.61<br>0.61<br>-54.86 | 55.47<br>0.47<br>-50.94 | 53.60<br>0.48<br>-49.06 | 54.39<br>0.49<br>-49.84 | 58.15<br>0.62<br>-52.38 | 55.39<br>0.65<br>-49.61 | 56.19<br>0.58<br>-50.68 | 56.37<br>0.86<br>-48.33 | 56.75<br>0.81<br>-49.20 | 58.12<br>0.74<br>-50.90 | 64.00<br>0.83<br>-55.84 | 56.11<br>0.88<br>-47.65 | 56.13<br>0.94<br>-47.25 | 56.13<br>0.86<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.04<br>0.99<br>-66.11 | 78.15<br>1.00<br>-69.20 | 79.24<br>1.01<br>-70.32 | 85.60<br>1.04<br>-76.64 | 104.20<br>1.03<br>-95.25 | 80.62<br>1.02<br>-71.68 | 75.03<br>0.72<br>-68.96 | 65.72<br>0.66<br>-59.91 |
| HOLTSVILLE_IC_7<br>23696      | 72.68<br>0.64<br>-66.91 | 60.61<br>0.61<br>-54.86 | 55.47<br>0.47<br>-50.94 | 53.60<br>0.48<br>-49.06 | 54.39<br>0.49<br>-49.84 | 58.15<br>0.62<br>-52.38 | 55.39<br>0.65<br>-49.61 | 56.19<br>0.58<br>-50.68 | 56.37<br>0.86<br>-48.33 | 56.75<br>0.81<br>-49.20 | 58.12<br>0.74<br>-50.90 | 64.00<br>0.83<br>-55.84 | 56.11<br>0.88<br>-47.65 | 56.13<br>0.94<br>-47.25 | 56.13<br>0.86<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.04<br>0.99<br>-66.11 | 78.15<br>1.00<br>-69.20 | 79.24<br>1.01<br>-70.32 | 85.60<br>1.04<br>-76.64 | 104.20<br>1.03<br>-95.25 | 80.62<br>1.02<br>-71.68 | 75.03<br>0.72<br>-68.96 | 65.72<br>0.66<br>-59.91 |
| HOLTSVILLE_IC_8<br>23697      | 72.68<br>0.64<br>-66.91 | 60.61<br>0.61<br>-54.86 | 55.47<br>0.47<br>-50.94 | 53.60<br>0.48<br>-49.06 | 54.39<br>0.49<br>-49.84 | 58.15<br>0.62<br>-52.38 | 55.39<br>0.65<br>-49.61 | 56.19<br>0.58<br>-50.68 | 56.37<br>0.86<br>-48.33 | 56.75<br>0.81<br>-49.20 | 58.12<br>0.74<br>-50.90 | 64.00<br>0.83<br>-55.84 | 56.11<br>0.88<br>-47.65 | 56.13<br>0.94<br>-47.25 | 56.13<br>0.86<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.04<br>0.99<br>-66.11 | 78.15<br>1.00<br>-69.20 | 79.24<br>1.01<br>-70.32 | 85.60<br>1.04<br>-76.64 | 104.20<br>1.03<br>-95.25 | 80.62<br>1.02<br>-71.68 | 75.03<br>0.72<br>-68.96 | 65.72<br>0.66<br>-59.91 |
| HOLTSVILLE_IC_9<br>23698      | 72.68<br>0.64<br>-66.91 | 60.61<br>0.61<br>-54.86 | 55.47<br>0.47<br>-50.94 | 53.60<br>0.48<br>-49.06 | 54.39<br>0.49<br>-49.84 | 58.15<br>0.62<br>-52.38 | 55.39<br>0.65<br>-49.61 | 56.19<br>0.58<br>-50.68 | 56.37<br>0.86<br>-48.33 | 56.75<br>0.81<br>-49.20 | 58.12<br>0.74<br>-50.90 | 64.00<br>0.83<br>-55.84 | 56.11<br>0.88<br>-47.65 | 56.13<br>0.94<br>-47.25 | 56.13<br>0.86<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.04<br>0.99<br>-66.11 | 78.15<br>1.00<br>-69.20 | 79.24<br>1.01<br>-70.32 | 85.60<br>1.04<br>-76.64 | 104.20<br>1.03<br>-95.25 | 80.62<br>1.02<br>-71.68 | 75.03<br>0.72<br>-68.96 | 65.72<br>0.66<br>-59.91 |
| HOWARD_WT_PWR<br>323690       | 19.62<br>0.29<br>-14.20 | 19.16<br>0.29<br>-13.73 | 17.93<br>0.21<br>-13.66 | 17.76<br>0.21<br>-13.50 | 17.81<br>0.24<br>-13.50 | 18.81<br>0.31<br>-13.35 | 19.30<br>0.29<br>-13.89 | 19.73<br>0.30<br>-14.51 | 21.43<br>0.42<br>-13.84 | 21.08<br>0.40<br>-13.94 | 20.32<br>0.40<br>-13.45 | 21.16<br>0.40<br>-13.44 | 20.80<br>0.36<br>-12.86 | 20.67<br>0.43<br>-12.31 | 20.05<br>0.35<br>-12.48 | 20.64<br>0.40<br>-12.31 | 21.27<br>0.44<br>-12.89 | 22.54<br>0.48<br>-14.11 | 24.31<br>0.44<br>-15.95 | 25.98<br>0.53<br>-17.52 | 26.79<br>0.51<br>-18.36  | 23.71<br>0.49<br>-15.31 | 19.52<br>0.33<br>-13.83 | 19.11<br>0.32<br>-13.65 |
| HQ_GEN_CEDARS<br>23644        | 5.00<br>-0.14<br>0.00   | 5.00<br>-0.14<br>0.00   | 3.96<br>-0.10<br>0.00   | 3.96<br>-0.09<br>0.00   | 3.95<br>-0.11<br>0.00   | 5.00<br>-0.15<br>0.00   | 5.00<br>-0.12<br>0.00   | 4.80<br>-0.13<br>0.00   | 6.98<br>-0.20<br>0.00   | 6.55<br>-0.18<br>0.00   | 6.28<br>-0.19<br>0.00   | 7.11<br>-0.22<br>0.00   | 7.37<br>-0.21<br>0.00   | 7.68<br>-0.25<br>0.00   | 7.01<br>-0.22<br>0.00   | 7.69<br>-0.23<br>0.00   | 7.68<br>-0.26<br>0.00   | 7.69<br>-0.26<br>0.00   | 7.71<br>-0.21<br>0.00   | 7.70<br>-0.22<br>0.00   | 7.71<br>-0.21<br>0.00    | 7.71<br>-0.21<br>0.00   | 5.21<br>-0.15<br>0.00   | 5.00<br>-0.14<br>0.00   |
| HQ_GEN_CEDARS_PROXY<br>323590 | 5.00<br>-0.14<br>0.00   | 5.00<br>-0.14<br>0.00   | 3.96<br>-0.10<br>0.00   | 3.96<br>-0.09<br>0.00   | 3.95<br>-0.11<br>0.00   | 5.00<br>-0.15<br>0.00   | 5.00<br>-0.12<br>0.00   | 4.80<br>-0.13<br>0.00   | 6.98<br>-0.20<br>0.00   | 6.55<br>-0.18<br>0.00   | 6.28<br>-0.19<br>0.00   | 7.11<br>-0.22<br>0.00   | 7.37<br>-0.21<br>0.00   | 7.68<br>-0.25<br>0.00   | 7.01<br>-0.22<br>0.00   | 7.69<br>-0.23<br>0.00   | 7.68<br>-0.26<br>0.00   | 7.69<br>-0.26<br>0.00   | 7.71<br>-0.21<br>0.00   | 7.70<br>-0.22<br>0.00   | 7.71<br>-0.21<br>0.00    | 7.71<br>-0.21<br>0.00   | 5.21<br>-0.15<br>0.00   | 5.00<br>-0.14<br>0.00   |
| HQ_GEN_IMPORT<br>323601       | 5.05<br>-0.08<br>0.00   | 5.06<br>-0.08<br>0.00   | 4.00<br>-0.06<br>0.00   | 4.00<br>-0.06<br>0.00   | 4.00<br>-0.07<br>0.00   | 5.06<br>-0.09<br>0.00   | 5.05<br>-0.08<br>0.00   | 4.85<br>-0.08<br>0.00   | 7.06<br>-0.12<br>0.00   | 6.62<br>-0.11<br>0.00   | 6.36<br>-0.12<br>0.00   | 7.20<br>-0.12<br>0.00   | 7.46<br>-0.13<br>0.00   | 7.78<br>-0.15<br>0.00   | 7.10<br>-0.12<br>0.00   | 7.78<br>-0.14<br>0.00   | 7.78<br>-0.16<br>0.00   | 7.78<br>-0.17<br>0.00   | 7.78<br>-0.13<br>0.00   | 7.78<br>-0.14<br>0.00   | 7.78<br>-0.14<br>0.00    | 7.78<br>-0.13<br>0.00   | 5.27<br>-0.09<br>0.00   | 5.06<br>-0.09<br>0.00   |
| HQ_GEN_WHEEL<br>23651         | 5.05<br>-0.08<br>0.00   | 5.06<br>-0.08<br>0.00   | 4.00<br>-0.06<br>0.00   | 4.00<br>-0.06<br>0.00   | 4.00<br>-0.07<br>0.00   | 5.06<br>-0.09<br>0.00   | 5.05<br>-0.08<br>0.00   | 4.85<br>-0.08<br>0.00   | 7.06<br>-0.12<br>0.00   | 6.62<br>-0.11<br>0.00   | 6.36<br>-0.12<br>0.00   | 7.20<br>-0.12<br>0.00   | 7.46<br>-0.13<br>0.00   | 7.78<br>-0.15<br>0.00   | 7.10<br>-0.12<br>0.00   | 7.78<br>-0.14<br>0.00   | 7.78<br>-0.16<br>0.00   | 7.78<br>-0.17<br>0.00   | 7.78<br>-0.13<br>0.00   | 7.78<br>-0.14<br>0.00   | 7.78<br>-0.14<br>0.00    | 7.78<br>-0.13<br>0.00   | 5.27<br>-0.09<br>0.00   | 5.06<br>-0.09<br>0.00   |
| HUDSON_AVE_GT_3<br>23810      | 55.18<br>0.45<br>-49.60 | 53.53<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.14<br>0.64<br>-48.32 | 56.02<br>0.59<br>-48.69 | 54.02<br>0.58<br>-46.97 | 54.90<br>0.65<br>-46.93 | 53.20<br>0.70<br>-44.91 | 51.66<br>0.75<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.67<br>0.74<br>-43.00 | 53.76<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.24<br>0.78<br>-56.55 | 70.85<br>0.79<br>-62.13 | 73.79<br>0.79<br>-65.08  | 62.97<br>0.78<br>-54.27 | 54.90<br>0.52<br>-49.03 | 54.01<br>0.48<br>-48.38 |

|                              |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| HUDSON AVE_GT_4<br>23540     | 55.18<br>0.45<br>-49.60 | 53.53<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.14<br>0.64<br>-48.32 | 56.02<br>0.59<br>-48.69 | 54.02<br>0.58<br>-46.97 | 54.90<br>0.65<br>-46.93 | 53.20<br>0.70<br>-44.91 | 51.66<br>0.75<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.67<br>0.74<br>-43.00 | 53.76<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.24<br>0.78<br>-56.55 | 70.85<br>0.79<br>-62.13 | 73.79<br>0.79<br>-65.08  | 62.97<br>0.78<br>-54.27 | 54.90<br>0.52<br>-49.03 | 54.01<br>0.48<br>-48.38 |
| HUDSON AVE_GT_5<br>23657     | 55.18<br>0.45<br>-49.60 | 53.53<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.14<br>0.64<br>-48.32 | 56.02<br>0.59<br>-48.69 | 54.02<br>0.58<br>-46.97 | 54.90<br>0.65<br>-46.93 | 53.20<br>0.70<br>-44.91 | 51.66<br>0.75<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.67<br>0.74<br>-43.00 | 53.76<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.24<br>0.78<br>-56.55 | 70.85<br>0.79<br>-62.13 | 73.79<br>0.79<br>-65.08  | 62.97<br>0.78<br>-54.27 | 54.90<br>0.52<br>-49.03 | 54.01<br>0.48<br>-48.38 |
| HUDSON_AVE_10<br>24168       | 55.16<br>0.42<br>-49.60 | 53.50<br>0.40<br>-47.96 | 52.08<br>0.32<br>-47.71 | 51.50<br>0.30<br>-47.14 | 51.53<br>0.31<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.05<br>0.42<br>-48.50 | 56.00<br>0.39<br>-50.67 | 56.10<br>0.60<br>-48.32 | 55.99<br>0.56<br>-48.69 | 53.98<br>0.54<br>-46.97 | 54.87<br>0.62<br>-46.93 | 53.15<br>0.65<br>-44.91 | 51.62<br>0.71<br>-42.98 | 51.46<br>0.65<br>-43.59 | 51.62<br>0.70<br>-43.00 | 53.72<br>0.74<br>-45.04 | 57.98<br>0.73<br>-49.30 | 65.20<br>0.74<br>-56.55 | 70.81<br>0.75<br>-62.13 | 73.75<br>0.75<br>-65.08  | 62.93<br>0.74<br>-54.27 | 54.88<br>0.50<br>-49.03 | 53.99<br>0.46<br>-48.38 |
| HUNTER MOUNT___DRP<br>323613 | 59.64<br>0.40<br>-54.10 | 57.84<br>0.39<br>-52.31 | 56.39<br>0.30<br>-52.03 | 55.78<br>0.30<br>-51.41 | 55.80<br>0.31<br>-51.42 | 56.39<br>0.39<br>-50.85 | 58.43<br>0.40<br>-52.90 | 60.58<br>0.38<br>-55.27 | 60.46<br>0.57<br>-52.71 | 60.39<br>0.55<br>-53.11 | 58.21<br>0.51<br>-51.23 | 59.06<br>0.55<br>-51.18 | 57.15<br>0.58<br>-48.99 | 55.41<br>0.60<br>-46.88 | 55.32<br>0.56<br>-47.54 | 55.42<br>0.59<br>-46.91 | 57.70<br>0.64<br>-49.12 | 62.39<br>0.68<br>-53.77 | 70.81<br>0.72<br>-62.18 | 76.97<br>0.73<br>-68.32 | 80.21<br>0.73<br>-71.56  | 68.30<br>0.71<br>-59.67 | 59.73<br>0.47<br>-53.91 | 58.77<br>0.43<br>-53.20 |
| HUNTINGTON_RES_REC<br>323705 | 72.66<br>0.62<br>-66.91 | 60.59<br>0.59<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.58<br>0.46<br>-49.06 | 54.36<br>0.46<br>-49.84 | 58.12<br>0.60<br>-52.38 | 55.36<br>0.62<br>-49.61 | 56.18<br>0.57<br>-50.68 | 56.36<br>0.85<br>-48.33 | 56.74<br>0.80<br>-49.20 | 58.12<br>0.74<br>-50.90 | 64.00<br>0.83<br>-55.84 | 56.11<br>0.88<br>-47.65 | 56.12<br>0.94<br>-47.25 | 56.14<br>0.87<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.04<br>0.99<br>-66.11 | 78.14<br>0.99<br>-69.20 | 79.23<br>1.00<br>-70.32 | 85.59<br>1.02<br>-76.64 | 104.18<br>1.01<br>-95.25 | 80.60<br>1.01<br>-71.68 | 75.01<br>0.70<br>-68.96 | 65.70<br>0.65<br>-59.91 |
| HUNTLEY___63<br>23557        | 15.47<br>0.12<br>-10.21 | 15.19<br>0.17<br>-9.87  | 13.99<br>0.11<br>-9.82  | 13.86<br>0.10<br>-9.70  | 13.91<br>0.14<br>-9.71  | 14.93<br>0.19<br>-9.60  | 15.23<br>0.12<br>-9.99  | 15.49<br>0.13<br>-10.43 | 17.31<br>0.13<br>-10.00 | 16.92<br>0.11<br>-10.08 | 16.29<br>0.10<br>-9.72  | 17.11<br>0.07<br>-9.71  | 16.91<br>0.03<br>-9.29  | 16.91<br>0.09<br>-8.89  | 16.23<br>0.04<br>-8.97  | 16.83<br>0.06<br>-8.85  | 17.20<br>-0.01<br>-9.27 | 18.12<br>0.02<br>-10.15 | 19.48<br>0.03<br>-11.53 | 20.73<br>0.13<br>-12.67 | 21.30<br>0.10<br>-13.27  | 19.09<br>0.10<br>-11.07 | 15.47<br>0.11<br>-10.00 | 15.21<br>0.20<br>-9.87  |
| HUNTLEY___64<br>23558        | 15.47<br>0.12<br>-10.21 | 15.19<br>0.17<br>-9.87  | 13.99<br>0.11<br>-9.82  | 13.86<br>0.10<br>-9.70  | 13.91<br>0.14<br>-9.71  | 14.93<br>0.19<br>-9.60  | 15.23<br>0.12<br>-9.99  | 15.49<br>0.13<br>-10.43 | 17.31<br>0.13<br>-10.00 | 16.92<br>0.11<br>-10.08 | 16.29<br>0.10<br>-9.72  | 17.11<br>0.07<br>-9.71  | 16.91<br>0.03<br>-9.29  | 16.91<br>0.09<br>-8.89  | 16.23<br>0.04<br>-8.97  | 16.83<br>0.06<br>-8.85  | 17.20<br>-0.01<br>-9.27 | 18.12<br>0.02<br>-10.15 | 19.48<br>0.03<br>-11.53 | 20.73<br>0.13<br>-12.67 | 21.30<br>0.10<br>-13.27  | 19.09<br>0.10<br>-11.07 | 15.47<br>0.11<br>-10.00 | 15.21<br>0.20<br>-9.87  |
| HUNTLEY___65<br>23559        | 15.47<br>0.12<br>-10.21 | 15.19<br>0.17<br>-9.87  | 13.99<br>0.11<br>-9.82  | 13.86<br>0.10<br>-9.70  | 13.91<br>0.14<br>-9.71  | 14.93<br>0.19<br>-9.60  | 15.23<br>0.12<br>-9.99  | 15.49<br>0.13<br>-10.43 | 17.31<br>0.13<br>-10.00 | 16.92<br>0.11<br>-10.08 | 16.29<br>0.10<br>-9.72  | 17.11<br>0.07<br>-9.71  | 16.91<br>0.03<br>-9.29  | 16.91<br>0.09<br>-8.89  | 16.23<br>0.04<br>-8.97  | 16.83<br>0.06<br>-8.85  | 17.20<br>-0.01<br>-9.27 | 18.12<br>0.02<br>-10.15 | 19.48<br>0.03<br>-11.53 | 20.73<br>0.13<br>-12.67 | 21.30<br>0.10<br>-13.27  | 19.09<br>0.10<br>-11.07 | 15.47<br>0.11<br>-10.00 | 15.21<br>0.20<br>-9.87  |
| HUNTLEY___66<br>23560        | 15.47<br>0.12<br>-10.21 | 15.19<br>0.17<br>-9.87  | 13.99<br>0.11<br>-9.82  | 13.86<br>0.10<br>-9.70  | 13.91<br>0.14<br>-9.71  | 14.93<br>0.19<br>-9.60  | 15.23<br>0.12<br>-9.99  | 15.49<br>0.13<br>-10.43 | 17.31<br>0.13<br>-10.00 | 16.92<br>0.11<br>-10.08 | 16.29<br>0.10<br>-9.72  | 17.11<br>0.07<br>-9.71  | 16.91<br>0.03<br>-9.29  | 16.91<br>0.09<br>-8.89  | 16.23<br>0.04<br>-8.97  | 16.83<br>0.06<br>-8.85  | 17.20<br>-0.01<br>-9.27 | 18.12<br>0.02<br>-10.15 | 19.48<br>0.03<br>-11.53 | 20.73<br>0.13<br>-12.67 | 21.30<br>0.10<br>-13.27  | 19.09<br>0.10<br>-11.07 | 15.47<br>0.11<br>-10.00 | 15.21<br>0.20<br>-9.87  |
| HUNTLEY___67<br>23561        | 15.64<br>0.11<br>-10.40 | 15.34<br>0.14<br>-10.06 | 14.15<br>0.09<br>-10.00 | 14.03<br>0.09<br>-9.88  | 14.08<br>0.13<br>-9.89  | 15.09<br>0.16<br>-9.78  | 15.41<br>0.11<br>-10.17 | 15.63<br>0.08<br>-10.63 | 17.38<br>0.06<br>-10.14 | 16.99<br>0.04<br>-10.21 | 16.37<br>0.04<br>-9.85  | 17.18<br>0.01<br>-9.84  | 16.97<br>-0.04<br>-9.42 | 16.96<br>0.02<br>-9.01  | 16.33<br>-0.03<br>-9.14 | 16.92<br>-0.02<br>-9.02 | 17.37<br>-0.01<br>-9.44 | 18.31<br>0.02<br>-10.34 | 19.66<br>0.00<br>-11.74 | 20.91<br>0.09<br>-12.90 | 21.50<br>0.06<br>-13.51  | 19.24<br>0.06<br>-11.27 | 15.63<br>0.09<br>-10.18 | 15.37<br>0.18<br>-10.05 |
| HUNTLEY___68<br>23562        | 15.64<br>0.11<br>-10.40 | 15.34<br>0.14<br>-10.06 | 14.15<br>0.09<br>-10.00 | 14.03<br>0.09<br>-9.88  | 14.08<br>0.13<br>-9.89  | 15.09<br>0.16<br>-9.78  | 15.41<br>0.11<br>-10.17 | 15.63<br>0.08<br>-10.63 | 17.38<br>0.06<br>-10.14 | 16.99<br>0.04<br>-10.21 | 16.37<br>0.04<br>-9.85  | 17.18<br>0.01<br>-9.84  | 16.97<br>-0.04<br>-9.42 | 16.96<br>0.02<br>-9.01  | 16.33<br>-0.03<br>-9.14 | 16.92<br>-0.02<br>-9.02 | 17.37<br>-0.01<br>-9.44 | 18.31<br>0.02<br>-10.34 | 19.66<br>0.00<br>-11.74 | 20.91<br>0.09<br>-12.90 | 21.50<br>0.06<br>-13.51  | 19.24<br>0.06<br>-11.27 | 15.63<br>0.09<br>-10.18 | 15.37<br>0.18<br>-10.05 |
| HYLAND___LFGE<br>323620      | 17.08<br>0.35<br>-11.59 | 16.72<br>0.37<br>-11.21 | 15.44<br>0.23<br>-11.15 | 15.34<br>0.27<br>-11.02 | 15.38<br>0.30<br>-11.02 | 16.43<br>0.39<br>-10.90 | 16.82<br>0.36<br>-11.34 | 17.14<br>0.37<br>-11.84 | 19.03<br>0.55<br>-11.30 | 18.64<br>0.52<br>-11.38 | 17.99<br>0.53<br>-10.98 | 18.86<br>0.56<br>-10.97 | 18.61<br>0.52<br>-10.50 | 18.58<br>0.60<br>-10.05 | 17.89<br>0.48<br>-10.19 | 18.54<br>0.57<br>-10.05 | 19.08<br>0.62<br>-10.53 | 20.13<br>0.66<br>-11.52 | 21.57<br>0.59<br>-13.06 | 22.92<br>0.65<br>-14.35 | 23.60<br>0.64<br>-15.03  | 21.09<br>0.64<br>-12.54 | 17.13<br>0.45<br>-11.32 | 16.77<br>0.45<br>-11.18 |
| INDECK___CORINTH<br>23802    | 75.08<br>0.20<br>-69.75 | 72.76<br>0.18<br>-67.44 | 71.28<br>0.14<br>-67.08 | 70.49<br>0.15<br>-66.28 | 70.51<br>0.15<br>-66.29 | 70.90<br>0.20<br>-65.55 | 73.55<br>0.23<br>-68.20 | 76.42<br>0.24<br>-71.25 | 75.50<br>0.37<br>-67.95 | 75.52<br>0.32<br>-68.47 | 72.80<br>0.28<br>-66.04 | 73.63<br>0.32<br>-65.98 | 71.04<br>0.30<br>-63.15 | 68.66<br>0.29<br>-60.44 | 68.75<br>0.24<br>-61.29 | 68.69<br>0.29<br>-60.47 | 71.63<br>0.37<br>-63.33 | 77.66<br>0.39<br>-69.32 | 83.41<br>0.44<br>-75.05 | 90.87<br>0.48<br>-82.47 | 94.78<br>0.48<br>-86.38  | 80.37<br>0.42<br>-72.03 | 70.72<br>0.29<br>-65.07 | 69.60<br>0.24<br>-64.22 |
| INDECK___ILION<br>23567      | 5.15<br>0.02<br>0.00    | 5.16<br>0.02<br>0.00    | 4.08<br>0.02<br>0.00    | 4.07<br>0.02<br>0.00    | 4.08<br>0.02<br>0.00    | 5.17<br>0.02<br>0.00    | 5.15<br>0.02<br>0.00    | 4.95<br>0.02<br>0.00    | 7.21<br>0.04<br>0.00    | 6.78<br>0.04<br>0.00    | 6.51<br>0.04<br>0.00    | 7.38<br>0.06<br>0.00    | 7.64<br>0.05<br>0.00    | 7.99<br>0.06<br>0.00    | 7.27<br>0.05<br>0.00    | 7.99<br>0.06<br>0.00    | 8.00<br>0.06<br>0.00    | 8.01<br>0.06<br>0.00    | 7.96<br>0.05<br>0.00    | 7.96<br>0.04<br>0.00    | 7.95<br>0.03<br>0.00     | 7.95<br>0.03<br>0.00    | 5.37<br>0.01<br>0.00    | 5.16<br>0.02<br>0.00    |
| INDECK___OLEAN<br>23982      | 18.32<br>0.40<br>-12.79 | 17.92<br>0.42<br>-12.36 | 16.68<br>0.32<br>-12.30 | 16.51<br>0.30<br>-12.15 | 16.56<br>0.34<br>-12.15 | 17.61<br>0.44<br>-12.02 | 18.05<br>0.42<br>-12.50 | 18.40<br>0.41<br>-13.06 | 20.22<br>0.57<br>-12.46 | 19.83<br>0.53<br>-12.56 | 19.10<br>0.51<br>-12.12 | 19.94<br>0.51<br>-12.10 | 19.66<br>0.49<br>-11.59 | 19.60<br>0.59<br>-11.09 | 18.94<br>0.48<br>-11.24 | 19.57<br>0.56<br>-11.09 | 20.15<br>0.60<br>-11.61 | 21.26<br>0.60<br>-12.71 | 22.86<br>0.55<br>-14.39 | 24.40<br>0.67<br>-15.81 | 25.16<br>0.67<br>-16.56  | 22.35<br>0.63<br>-13.81 | 18.28<br>0.44<br>-12.48 | 17.90<br>0.45<br>-12.31 |

|                               |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| INDECK___OSWEGO<br>23783      | 10.25<br>-0.08<br>-5.19 | 10.09<br>-0.07<br>-5.02 | 8.98<br>-0.07<br>-4.99  | 8.92<br>-0.07<br>-4.93  | 8.94<br>-0.06<br>-4.93  | 9.96<br>-0.07<br>-4.88  | 10.12<br>-0.08<br>-5.07 | 10.16<br>-0.07<br>-5.30 | 12.13<br>-0.11<br>-5.06 | 11.72<br>-0.11<br>-5.09 | 11.29<br>-0.10<br>-4.91 | 12.12<br>-0.12<br>-4.91 | 12.16<br>-0.12<br>-4.70 | 12.31<br>-0.12<br>-4.50 | 11.66<br>-0.12<br>-4.56 | 12.29<br>-0.13<br>-4.50 | 12.53<br>-0.12<br>-4.71 | 13.00<br>-0.10<br>-5.16 | 13.84<br>-0.11<br>-6.04 | 14.46<br>-0.09<br>-6.63 | 14.76<br>-0.10<br>-6.95  | 13.60<br>-0.10<br>-5.79 | 10.52<br>-0.07<br>-5.23 | 10.25<br>-0.06<br>-5.16 |
| INDECK___YERKES<br>23781      | 15.47<br>0.13<br>-10.21 | 15.19<br>0.17<br>-9.87  | 13.99<br>0.11<br>-9.82  | 13.87<br>0.11<br>-9.70  | 13.92<br>0.15<br>-9.71  | 14.94<br>0.19<br>-9.60  | 15.23<br>0.12<br>-9.99  | 15.49<br>0.13<br>-10.43 | 17.31<br>0.14<br>-10.00 | 16.93<br>0.11<br>-10.08 | 16.30<br>0.10<br>-9.72  | 17.12<br>0.08<br>-9.71  | 16.92<br>0.04<br>-9.29  | 16.92<br>0.10<br>-8.89  | 16.24<br>0.04<br>-8.97  | 16.84<br>0.06<br>-8.85  | 17.21<br>0.00<br>-9.27  | 18.13<br>0.03<br>-10.15 | 19.49<br>0.04<br>-11.53 | 20.74<br>0.14<br>-12.67 | 21.31<br>0.11<br>-13.27  | 19.09<br>0.11<br>-11.07 | 15.47<br>0.12<br>-10.00 | 15.22<br>0.21<br>-9.87  |
| INDIAN POINT_GT_1<br>24139    | 54.76<br>0.41<br>-49.22 | 53.11<br>0.38<br>-47.59 | 51.70<br>0.30<br>-47.33 | 51.12<br>0.30<br>-46.77 | 51.15<br>0.30<br>-46.78 | 51.79<br>0.38<br>-46.26 | 53.65<br>0.40<br>-48.12 | 55.59<br>0.38<br>-50.28 | 55.70<br>0.57<br>-47.95 | 55.59<br>0.54<br>-48.31 | 53.61<br>0.53<br>-46.60 | 54.49<br>0.60<br>-46.56 | 52.78<br>0.63<br>-44.56 | 51.26<br>0.68<br>-42.65 | 51.09<br>0.62<br>-43.25 | 51.26<br>0.67<br>-42.67 | 53.34<br>0.71<br>-44.69 | 57.58<br>0.72<br>-48.92 | 64.59<br>0.70<br>-55.98 | 70.15<br>0.72<br>-61.50 | 73.07<br>0.73<br>-64.42  | 62.35<br>0.71<br>-53.72 | 54.36<br>0.47<br>-48.53 | 53.47<br>0.43<br>-47.89 |
| INDIAN POINT_GT_2<br>23659    | 54.76<br>0.41<br>-49.22 | 53.11<br>0.38<br>-47.59 | 51.70<br>0.30<br>-47.33 | 51.12<br>0.30<br>-46.77 | 51.15<br>0.30<br>-46.78 | 51.79<br>0.38<br>-46.26 | 53.65<br>0.40<br>-48.12 | 55.59<br>0.38<br>-50.28 | 55.70<br>0.57<br>-47.95 | 55.59<br>0.54<br>-48.31 | 53.61<br>0.53<br>-46.60 | 54.49<br>0.60<br>-46.56 | 52.78<br>0.63<br>-44.56 | 51.26<br>0.68<br>-42.65 | 51.09<br>0.62<br>-43.25 | 51.26<br>0.67<br>-42.67 | 53.34<br>0.71<br>-44.69 | 57.58<br>0.72<br>-48.92 | 64.59<br>0.70<br>-55.98 | 70.15<br>0.72<br>-61.50 | 73.07<br>0.73<br>-64.42  | 62.35<br>0.71<br>-53.72 | 54.36<br>0.47<br>-48.53 | 53.47<br>0.43<br>-47.89 |
| INDIAN POINT_GT_3<br>24019    | 54.76<br>0.41<br>-49.22 | 53.11<br>0.38<br>-47.59 | 51.70<br>0.30<br>-47.33 | 51.12<br>0.30<br>-46.77 | 51.15<br>0.30<br>-46.78 | 51.79<br>0.38<br>-46.26 | 53.65<br>0.40<br>-48.12 | 55.59<br>0.38<br>-50.28 | 55.70<br>0.57<br>-47.95 | 55.59<br>0.54<br>-48.31 | 53.61<br>0.53<br>-46.60 | 54.49<br>0.60<br>-46.56 | 52.78<br>0.63<br>-44.56 | 51.26<br>0.68<br>-42.65 | 51.09<br>0.62<br>-43.25 | 51.26<br>0.67<br>-42.67 | 53.34<br>0.71<br>-44.69 | 57.58<br>0.72<br>-48.92 | 64.59<br>0.70<br>-55.98 | 70.15<br>0.72<br>-61.50 | 73.07<br>0.73<br>-64.42  | 62.35<br>0.71<br>-53.72 | 54.36<br>0.47<br>-48.53 | 53.47<br>0.43<br>-47.89 |
| INDIAN POINT___2<br>23530     | 54.27<br>0.40<br>-48.73 | 52.64<br>0.38<br>-47.12 | 51.23<br>0.30<br>-46.87 | 50.66<br>0.29<br>-46.31 | 50.68<br>0.30<br>-46.32 | 51.34<br>0.38<br>-45.81 | 53.18<br>0.39<br>-47.65 | 55.09<br>0.37<br>-49.79 | 55.23<br>0.57<br>-47.48 | 55.11<br>0.54<br>-47.84 | 53.15<br>0.52<br>-46.15 | 54.02<br>0.59<br>-46.11 | 52.34<br>0.63<br>-44.13 | 50.83<br>0.67<br>-42.23 | 50.67<br>0.62<br>-42.83 | 50.85<br>0.67<br>-42.25 | 52.90<br>0.71<br>-44.25 | 57.09<br>0.71<br>-48.44 | 63.88<br>0.70<br>-55.27 | 69.37<br>0.72<br>-60.73 | 72.25<br>0.72<br>-63.61  | 61.67<br>0.71<br>-53.04 | 53.75<br>0.47<br>-47.92 | 52.86<br>0.43<br>-47.29 |
| INDIAN POINT___3<br>23531     | 54.76<br>0.40<br>-49.23 | 53.12<br>0.38<br>-47.60 | 51.71<br>0.30<br>-47.35 | 51.13<br>0.29<br>-46.79 | 51.16<br>0.30<br>-46.79 | 51.80<br>0.38<br>-46.27 | 53.66<br>0.39<br>-48.14 | 55.60<br>0.37<br>-50.29 | 55.71<br>0.57<br>-47.96 | 55.60<br>0.53<br>-48.33 | 53.62<br>0.52<br>-46.62 | 54.49<br>0.59<br>-46.58 | 52.79<br>0.63<br>-44.58 | 51.26<br>0.67<br>-42.66 | 51.11<br>0.62<br>-43.26 | 51.28<br>0.67<br>-42.68 | 53.35<br>0.71<br>-44.70 | 57.59<br>0.71<br>-48.93 | 64.61<br>0.70<br>-56.00 | 70.16<br>0.71<br>-61.53 | 73.08<br>0.71<br>-64.45  | 62.36<br>0.70<br>-53.74 | 54.37<br>0.47<br>-48.55 | 53.48<br>0.43<br>-47.91 |
| IP CORINTH___1<br>23988       | 75.11<br>0.23<br>-69.75 | 72.79<br>0.21<br>-67.44 | 71.30<br>0.16<br>-67.08 | 70.51<br>0.17<br>-66.28 | 70.54<br>0.18<br>-66.29 | 70.94<br>0.23<br>-65.55 | 73.58<br>0.26<br>-68.20 | 76.45<br>0.27<br>-71.25 | 75.54<br>0.42<br>-67.95 | 75.55<br>0.35<br>-68.47 | 72.83<br>0.32<br>-66.04 | 73.68<br>0.37<br>-65.98 | 71.09<br>0.35<br>-63.15 | 68.71<br>0.34<br>-60.44 | 68.79<br>0.28<br>-61.29 | 68.73<br>0.34<br>-60.47 | 71.68<br>0.41<br>-63.33 | 77.71<br>0.44<br>-69.32 | 83.46<br>0.49<br>-75.05 | 90.92<br>0.53<br>-82.47 | 94.82<br>0.52<br>-86.38  | 80.42<br>0.47<br>-72.03 | 70.75<br>0.32<br>-65.07 | 69.63<br>0.27<br>-64.22 |
| IP___TICONDEROGA<br>23804     | 75.16<br>0.41<br>-69.62 | 72.84<br>0.38<br>-67.32 | 71.33<br>0.31<br>-66.96 | 70.53<br>0.30<br>-66.16 | 70.55<br>0.31<br>-66.18 | 71.00<br>0.41<br>-65.44 | 73.65<br>0.44<br>-68.08 | 76.52<br>0.46<br>-71.13 | 75.70<br>0.70<br>-67.83 | 75.65<br>0.57<br>-68.34 | 72.91<br>0.51<br>-65.92 | 73.79<br>0.60<br>-65.87 | 71.21<br>0.58<br>-63.04 | 68.83<br>0.57<br>-60.33 | 68.89<br>0.48<br>-61.18 | 68.86<br>0.58<br>-60.36 | 71.84<br>0.68<br>-63.22 | 77.86<br>0.72<br>-69.20 | 83.59<br>0.74<br>-74.94 | 91.04<br>0.78<br>-82.34 | 94.95<br>0.78<br>-86.25  | 80.53<br>0.69<br>-71.93 | 70.81<br>0.48<br>-64.97 | 69.67<br>0.41<br>-64.12 |
| ISLIP_RES_REC<br>323679       | 72.70<br>0.66<br>-66.91 | 60.63<br>0.63<br>-54.86 | 55.48<br>0.48<br>-50.94 | 53.61<br>0.49<br>-49.06 | 54.41<br>0.50<br>-49.84 | 58.17<br>0.64<br>-52.38 | 55.41<br>0.67<br>-49.61 | 56.21<br>0.60<br>-50.68 | 56.40<br>0.89<br>-48.33 | 56.77<br>0.84<br>-49.20 | 58.14<br>0.76<br>-50.90 | 64.02<br>0.86<br>-55.84 | 56.14<br>0.90<br>-47.65 | 56.15<br>0.97<br>-47.25 | 56.15<br>0.88<br>-48.05 | 60.24<br>0.96<br>-51.36 | 75.06<br>1.02<br>-66.11 | 78.19<br>1.04<br>-69.20 | 79.28<br>1.04<br>-70.32 | 85.64<br>1.08<br>-76.64 | 104.24<br>1.07<br>-95.25 | 80.65<br>1.06<br>-71.68 | 75.05<br>0.74<br>-68.96 | 65.74<br>0.68<br>-59.91 |
| JARVIS____<br>23743           | 5.12<br>-0.01<br>0.00   | 5.13<br>-0.01<br>0.00   | 4.05<br>-0.01<br>0.00   | 4.04<br>-0.01<br>0.00   | 4.05<br>-0.01<br>0.00   | 5.14<br>-0.01<br>0.00   | 5.11<br>-0.02<br>0.00   | 4.92<br>-0.01<br>0.00   | 7.16<br>-0.01<br>0.00   | 6.72<br>-0.01<br>0.00   | 6.46<br>-0.01<br>0.00   | 7.31<br>-0.01<br>0.00   | 7.57<br>-0.02<br>0.00   | 7.92<br>-0.02<br>0.00   | 7.21<br>-0.01<br>0.00   | 7.91<br>-0.02<br>0.00   | 7.92<br>-0.02<br>0.00   | 7.94<br>-0.01<br>0.00   | 7.90<br>-0.02<br>0.00   | 7.91<br>-0.02<br>0.00   | 7.90<br>-0.02<br>0.00    | 7.89<br>-0.02<br>0.00   | 5.34<br>-0.02<br>0.00   | 5.12<br>-0.02<br>0.00   |
| JENNISON___1<br>23625         | 31.27<br>0.32<br>-25.81 | 30.43<br>0.33<br>-24.96 | 29.14<br>0.25<br>-24.83 | 28.83<br>0.24<br>-24.53 | 28.85<br>0.25<br>-24.54 | 29.76<br>0.35<br>-24.26 | 30.70<br>0.33<br>-25.24 | 31.64<br>0.34<br>-26.37 | 32.82<br>0.49<br>-25.15 | 32.55<br>0.48<br>-25.34 | 31.38<br>0.46<br>-24.44 | 32.28<br>0.53<br>-24.42 | 31.48<br>0.52<br>-23.37 | 30.86<br>0.56<br>-22.37 | 30.40<br>0.50<br>-22.68 | 30.87<br>0.57<br>-22.38 | 31.97<br>0.60<br>-23.44 | 34.23<br>0.63<br>-25.66 | 36.15<br>0.59<br>-27.65 | 38.92<br>0.63<br>-30.38 | 40.37<br>0.63<br>-31.82  | 35.07<br>0.62<br>-26.53 | 29.72<br>0.40<br>-23.97 | 29.17<br>0.38<br>-23.65 |
| JENNISON___2<br>23626         | 31.27<br>0.32<br>-25.81 | 30.43<br>0.33<br>-24.96 | 29.14<br>0.25<br>-24.83 | 28.83<br>0.24<br>-24.53 | 28.85<br>0.25<br>-24.54 | 29.76<br>0.35<br>-24.26 | 30.70<br>0.33<br>-25.24 | 31.64<br>0.34<br>-26.37 | 32.82<br>0.49<br>-25.15 | 32.55<br>0.48<br>-25.34 | 31.38<br>0.46<br>-24.44 | 32.28<br>0.53<br>-24.42 | 31.48<br>0.52<br>-23.37 | 30.86<br>0.56<br>-22.37 | 30.40<br>0.50<br>-22.68 | 30.87<br>0.57<br>-22.38 | 31.97<br>0.60<br>-23.44 | 34.23<br>0.63<br>-25.66 | 36.15<br>0.59<br>-27.65 | 38.92<br>0.63<br>-30.38 | 40.37<br>0.63<br>-31.82  | 35.07<br>0.62<br>-26.53 | 29.72<br>0.40<br>-23.97 | 29.17<br>0.38<br>-23.65 |
| JERICHO_RISE_WT_PWR<br>323719 | 5.04<br>-0.10<br>0.00   | 5.03<br>-0.12<br>0.00   | 3.97<br>-0.09<br>0.00   | 3.97<br>-0.09<br>0.00   | 3.96<br>-0.11<br>0.00   | 5.02<br>-0.13<br>0.00   | 5.03<br>-0.10<br>0.00   | 4.81<br>-0.11<br>0.00   | 6.99<br>-0.19<br>0.00   | 6.55<br>-0.18<br>0.00   | 6.29<br>-0.18<br>0.00   | 7.12<br>-0.21<br>0.00   | 7.39<br>-0.20<br>0.00   | 7.69<br>-0.24<br>0.00   | 7.02<br>-0.20<br>0.00   | 7.69<br>-0.23<br>0.00   | 7.68<br>-0.26<br>0.00   | 7.69<br>-0.26<br>0.00   | 7.72<br>-0.25<br>0.00   | 7.70<br>-0.20<br>0.00   | 7.69<br>-0.22<br>0.00    | 7.69<br>-0.23<br>0.00   | 5.20<br>-0.16<br>0.00   | 4.98<br>-0.16<br>0.00   |
| KCE_NY_1<br>323755            | 74.91<br>0.33<br>-69.45 | 72.61<br>0.32<br>-67.15 | 71.10<br>0.25<br>-66.79 | 70.31<br>0.26<br>-66.00 | 70.33<br>0.26<br>-66.01 | 70.75<br>0.33<br>-65.27 | 73.38<br>0.34<br>-67.90 | 76.22<br>0.35<br>-70.95 | 75.36<br>0.53<br>-67.65 | 75.38<br>0.48<br>-68.17 | 72.68<br>0.45<br>-65.76 | 73.53<br>0.51<br>-65.70 | 70.97<br>0.50<br>-62.88 | 68.61<br>0.50<br>-60.17 | 68.68<br>0.43<br>-61.03 | 68.63<br>0.50<br>-60.21 | 71.55<br>0.56<br>-63.05 | 77.55<br>0.58<br>-69.02 | 83.34<br>0.64<br>-74.78 | 90.77<br>0.68<br>-82.17 | 94.66<br>0.67<br>-86.07  | 80.31<br>0.63<br>-71.77 | 70.63<br>0.43<br>-64.84 | 69.51<br>0.38<br>-63.99 |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                         |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| KEDC PORT_JEFF_GT2<br>24210             | 72.67<br>0.63<br>-66.91 | 60.60<br>0.60<br>-54.86 | 55.47<br>0.47<br>-50.94 | 53.59<br>0.47<br>-49.06 | 54.38<br>0.48<br>-49.84 | 58.14<br>0.61<br>-52.38 | 55.38<br>0.64<br>-49.61 | 56.18<br>0.57<br>-50.68 | 56.37<br>0.85<br>-48.33 | 56.74<br>0.80<br>-49.20 | 58.11<br>0.73<br>-50.90 | 63.99<br>0.83<br>-55.84 | 56.11<br>0.87<br>-47.65 | 56.11<br>0.93<br>-47.25 | 56.12<br>0.85<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.02<br>0.98<br>-66.11 | 78.14<br>0.99<br>-69.20 | 79.23<br>1.00<br>-70.32  | 85.59<br>1.02<br>-76.64  | 104.15<br>0.98<br>-95.25 | 80.60<br>1.01<br>-71.68 | 75.02<br>0.71<br>-68.96 | 65.71<br>0.65<br>-59.91 |
| KEDC PORT_JEFF_GT3<br>24211             | 72.67<br>0.63<br>-66.91 | 60.60<br>0.60<br>-54.86 | 55.47<br>0.47<br>-50.94 | 53.59<br>0.47<br>-49.06 | 54.38<br>0.48<br>-49.84 | 58.14<br>0.61<br>-52.38 | 55.38<br>0.64<br>-49.61 | 56.18<br>0.57<br>-50.68 | 56.37<br>0.85<br>-48.33 | 56.74<br>0.80<br>-49.20 | 58.11<br>0.73<br>-50.90 | 63.99<br>0.83<br>-55.84 | 56.11<br>0.87<br>-47.65 | 56.11<br>0.93<br>-47.25 | 56.12<br>0.85<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.02<br>0.98<br>-66.11 | 78.14<br>0.99<br>-69.20 | 79.23<br>1.00<br>-70.32  | 85.59<br>1.02<br>-76.64  | 104.15<br>0.98<br>-95.25 | 80.60<br>1.01<br>-71.68 | 75.02<br>0.71<br>-68.96 | 65.71<br>0.65<br>-59.91 |
| KEDC_GLWD_GT4<br>24219                  | 72.56<br>0.52<br>-66.91 | 60.49<br>0.49<br>-54.86 | 55.39<br>0.39<br>-50.94 | 53.50<br>0.38<br>-49.06 | 54.29<br>0.39<br>-49.84 | 58.02<br>0.49<br>-52.38 | 55.25<br>0.51<br>-49.61 | 56.09<br>0.48<br>-50.68 | 56.24<br>0.73<br>-48.33 | 56.63<br>0.69<br>-49.20 | 58.05<br>0.67<br>-50.90 | 63.93<br>0.76<br>-55.84 | 56.04<br>0.80<br>-47.65 | 56.04<br>0.86<br>-47.25 | 56.06<br>0.79<br>-48.05 | 60.13<br>0.85<br>-51.36 | 74.94<br>0.89<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.11<br>0.88<br>-70.32  | 85.47<br>0.90<br>-76.64  | 104.07<br>0.90<br>-95.25 | 80.48<br>0.89<br>-71.68 | 74.91<br>0.59<br>-68.96 | 65.61<br>0.55<br>-59.91 |
| KEDC_GLWD_GT5<br>24220                  | 72.56<br>0.52<br>-66.91 | 60.49<br>0.49<br>-54.86 | 55.39<br>0.39<br>-50.94 | 53.50<br>0.38<br>-49.06 | 54.29<br>0.39<br>-49.84 | 58.02<br>0.49<br>-52.38 | 55.25<br>0.51<br>-49.61 | 56.09<br>0.48<br>-50.68 | 56.24<br>0.73<br>-48.33 | 56.63<br>0.69<br>-49.20 | 58.05<br>0.67<br>-50.90 | 63.93<br>0.76<br>-55.84 | 56.04<br>0.80<br>-47.65 | 56.04<br>0.86<br>-47.25 | 56.06<br>0.79<br>-48.05 | 60.13<br>0.85<br>-51.36 | 74.94<br>0.89<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.11<br>0.88<br>-70.32  | 85.47<br>0.90<br>-76.64  | 104.07<br>0.90<br>-95.25 | 80.48<br>0.89<br>-71.68 | 74.91<br>0.59<br>-68.96 | 65.61<br>0.55<br>-59.91 |
| KENSICO____<br>23655                    | 55.06<br>0.41<br>-49.52 | 53.41<br>0.39<br>-47.88 | 52.00<br>0.31<br>-47.62 | 51.42<br>0.30<br>-47.06 | 51.44<br>0.31<br>-47.07 | 52.08<br>0.39<br>-46.54 | 53.96<br>0.41<br>-48.42 | 55.90<br>0.39<br>-50.59 | 56.01<br>0.60<br>-48.24 | 55.90<br>0.55<br>-48.61 | 53.91<br>0.54<br>-46.89 | 54.79<br>0.62<br>-46.85 | 53.07<br>0.65<br>-44.84 | 51.54<br>0.70<br>-42.91 | 51.38<br>0.64<br>-43.51 | 51.55<br>0.70<br>-42.93 | 53.63<br>0.73<br>-44.96 | 57.89<br>0.73<br>-49.22 | 65.06<br>0.72<br>-56.42  | 70.66<br>0.74<br>-61.99  | 73.60<br>0.74<br>-64.93  | 62.79<br>0.73<br>-54.15 | 54.76<br>0.48<br>-48.92 | 53.87<br>0.45<br>-48.27 |
| KERHONKS_69_KV_TR1_REV_LBMP_G<br>345021 | 51.69<br>0.40<br>-46.15 | 50.15<br>0.39<br>-44.62 | 48.79<br>0.34<br>-44.39 | 48.21<br>0.30<br>-43.86 | 48.24<br>0.31<br>-43.87 | 48.93<br>0.40<br>-43.38 | 50.66<br>0.41<br>-45.13 | 52.45<br>0.37<br>-47.15 | 52.66<br>0.52<br>-44.96 | 52.50<br>0.46<br>-45.31 | 50.64<br>0.46<br>-43.70 | 51.52<br>0.53<br>-43.66 | 49.93<br>0.55<br>-41.79 | 48.52<br>0.60<br>-39.99 | 48.31<br>0.53<br>-40.56 | 48.52<br>0.59<br>-40.01 | 50.50<br>0.65<br>-41.91 | 54.53<br>0.71<br>-45.87 | 60.32<br>0.72<br>-51.69  | 65.44<br>0.74<br>-56.79  | 68.15<br>0.74<br>-59.49  | 58.26<br>0.74<br>-49.61 | 50.64<br>0.47<br>-44.81 | 49.80<br>0.43<br>-44.22 |
| KIAC_JFK_GT1<br>23816                   | 55.12<br>0.38<br>-49.60 | 53.45<br>0.35<br>-47.96 | 52.04<br>0.28<br>-47.71 | 51.46<br>0.27<br>-47.14 | 51.49<br>0.28<br>-47.15 | 52.13<br>0.36<br>-46.62 | 54.01<br>0.38<br>-48.50 | 55.97<br>0.36<br>-50.67 | 56.05<br>0.55<br>-48.32 | 55.93<br>0.51<br>-48.69 | 53.90<br>0.46<br>-46.97 | 54.78<br>0.53<br>-46.93 | 53.07<br>0.57<br>-44.91 | 51.53<br>0.62<br>-42.98 | 51.38<br>0.57<br>-43.59 | 51.54<br>0.61<br>-43.00 | 53.63<br>0.65<br>-45.04 | 57.90<br>0.65<br>-49.30 | 65.12<br>0.66<br>-56.55  | 70.73<br>0.67<br>-62.13  | 73.67<br>0.67<br>-65.08  | 62.86<br>0.67<br>-54.27 | 54.85<br>0.47<br>-49.03 | 53.96<br>0.43<br>-48.38 |
| KIAC_JFK_GT2<br>23817                   | 55.12<br>0.38<br>-49.60 | 53.45<br>0.35<br>-47.96 | 52.04<br>0.28<br>-47.71 | 51.46<br>0.27<br>-47.14 | 51.49<br>0.28<br>-47.15 | 52.13<br>0.36<br>-46.62 | 54.01<br>0.38<br>-48.50 | 55.97<br>0.36<br>-50.67 | 56.05<br>0.55<br>-48.32 | 55.93<br>0.51<br>-48.69 | 53.90<br>0.46<br>-46.97 | 54.78<br>0.53<br>-46.93 | 53.07<br>0.57<br>-44.91 | 51.53<br>0.62<br>-42.98 | 51.38<br>0.57<br>-43.59 | 51.54<br>0.61<br>-43.00 | 53.63<br>0.65<br>-45.04 | 57.90<br>0.65<br>-49.30 | 65.12<br>0.66<br>-56.55  | 70.73<br>0.67<br>-62.13  | 73.67<br>0.67<br>-65.08  | 62.86<br>0.67<br>-54.27 | 54.85<br>0.47<br>-49.03 | 53.96<br>0.43<br>-48.38 |
| KINTIGH____<br>23543                    | 14.15<br>0.03<br>-8.98  | 13.89<br>0.06<br>-8.68  | 12.72<br>0.02<br>-8.64  | 12.62<br>0.02<br>-8.54  | 12.66<br>0.06<br>-8.54  | 13.66<br>0.07<br>-8.44  | 13.94<br>0.03<br>-8.78  | 14.11<br>0.00<br>-9.18  | 15.89<br>-0.04<br>-8.74 | 15.49<br>-0.05<br>-8.81 | 14.93<br>-0.05<br>-8.50 | 15.74<br>-0.08<br>-8.49 | 15.60<br>-0.11<br>-8.13 | 15.63<br>-0.08<br>-7.78 | 15.01<br>-0.11<br>-7.89 | 15.60<br>-0.11<br>-7.79 | 16.00<br>-0.09<br>-8.15 | 16.80<br>-0.07<br>-8.93 | 17.99<br>-0.09<br>-10.17 | 19.05<br>-0.04<br>-11.17 | 19.57<br>-0.06<br>-11.70 | 17.62<br>-0.06<br>-9.76 | 14.19<br>0.02<br>-8.81  | 13.94<br>0.10<br>-8.70  |
| LACHUTE__HYDRO<br>323717                | 75.16<br>0.41<br>-69.62 | 72.84<br>0.38<br>-67.32 | 71.33<br>0.31<br>-66.96 | 70.53<br>0.30<br>-66.16 | 70.55<br>0.31<br>-66.18 | 71.00<br>0.41<br>-65.44 | 73.65<br>0.44<br>-68.08 | 76.52<br>0.46<br>-71.13 | 75.70<br>0.70<br>-67.83 | 75.65<br>0.57<br>-68.34 | 72.91<br>0.51<br>-65.92 | 73.79<br>0.60<br>-65.87 | 71.21<br>0.58<br>-63.04 | 68.83<br>0.57<br>-60.33 | 68.89<br>0.48<br>-61.18 | 68.86<br>0.58<br>-60.36 | 71.84<br>0.68<br>-63.22 | 77.86<br>0.72<br>-69.20 | 83.59<br>0.74<br>-74.94  | 91.04<br>0.78<br>-82.34  | 94.95<br>0.78<br>-86.25  | 80.53<br>0.69<br>-71.93 | 70.81<br>0.48<br>-64.97 | 69.67<br>0.41<br>-64.12 |
| LEDERLE____<br>23769                    | 53.76<br>0.42<br>-48.20 | 52.15<br>0.40<br>-46.61 | 50.74<br>0.32<br>-46.36 | 50.17<br>0.31<br>-45.81 | 50.20<br>0.31<br>-45.82 | 50.86<br>0.40<br>-45.31 | 52.68<br>0.42<br>-47.13 | 54.57<br>0.39<br>-49.24 | 54.74<br>0.60<br>-46.96 | 54.62<br>0.57<br>-47.32 | 52.68<br>0.56<br>-45.64 | 53.56<br>0.63<br>-45.60 | 51.89<br>0.66<br>-43.65 | 50.41<br>0.71<br>-41.77 | 50.24<br>0.66<br>-42.36 | 50.43<br>0.71<br>-41.79 | 52.46<br>0.75<br>-43.77 | 56.61<br>0.76<br>-47.91 | 63.14<br>0.74<br>-54.49  | 68.55<br>0.76<br>-59.87  | 71.40<br>0.77<br>-62.71  | 60.96<br>0.75<br>-52.29 | 53.09<br>0.50<br>-47.24 | 52.22<br>0.45<br>-46.62 |
| LINDEN COGEN____<br>23786               | 55.16<br>0.43<br>-49.60 | 53.50<br>0.40<br>-47.96 | 52.09<br>0.32<br>-47.71 | 51.50<br>0.31<br>-47.14 | 51.53<br>0.31<br>-47.15 | 52.18<br>0.41<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.01<br>0.40<br>-50.67 | 56.12<br>0.62<br>-48.32 | 55.99<br>0.57<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.88<br>0.63<br>-46.93 | 53.17<br>0.67<br>-44.91 | 51.63<br>0.72<br>-42.98 | 51.47<br>0.66<br>-43.59 | 51.64<br>0.71<br>-43.00 | 53.73<br>0.75<br>-45.04 | 57.99<br>0.75<br>-49.30 | 65.21<br>0.74<br>-56.55  | 70.82<br>0.76<br>-62.13  | 73.76<br>0.76<br>-65.08  | 62.94<br>0.75<br>-54.27 | 54.88<br>0.50<br>-49.03 | 53.99<br>0.46<br>-48.38 |
| LIPA_MISC_IPP<br>23656                  | 72.65<br>0.61<br>-66.91 | 60.57<br>0.57<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.57<br>0.45<br>-49.06 | 54.36<br>0.46<br>-49.84 | 58.12<br>0.59<br>-52.38 | 55.36<br>0.62<br>-49.61 | 56.15<br>0.54<br>-50.68 | 56.32<br>0.80<br>-48.33 | 56.69<br>0.75<br>-49.20 | 58.06<br>0.69<br>-50.90 | 63.94<br>0.77<br>-55.84 | 56.05<br>0.81<br>-47.65 | 56.06<br>0.87<br>-47.25 | 56.07<br>0.79<br>-48.05 | 60.14<br>0.86<br>-51.36 | 74.97<br>0.92<br>-66.11 | 78.08<br>0.94<br>-69.20 | 79.18<br>0.94<br>-70.32  | 85.54<br>0.97<br>-76.64  | 104.13<br>0.97<br>-95.25 | 80.55<br>0.96<br>-71.68 | 74.99<br>0.68<br>-68.96 | 65.68<br>0.62<br>-59.91 |
| LISF__SOLAR<br>323691                   | 72.66<br>0.62<br>-66.91 | 60.58<br>0.58<br>-54.86 | 55.46<br>0.46<br>-50.94 | 53.58<br>0.46<br>-49.06 | 54.37<br>0.47<br>-49.84 | 58.12<br>0.60<br>-52.38 | 55.37<br>0.63<br>-49.61 | 56.15<br>0.54<br>-50.68 | 56.32<br>0.81<br>-48.33 | 56.70<br>0.76<br>-49.20 | 58.07<br>0.69<br>-50.90 | 63.94<br>0.77<br>-55.84 | 56.05<br>0.82<br>-47.65 | 56.06<br>0.88<br>-47.25 | 56.07<br>0.80<br>-48.05 | 60.15<br>0.87<br>-51.36 | 74.98<br>0.93<br>-66.11 | 78.09<br>0.95<br>-69.20 | 79.19<br>0.96<br>-70.32  | 85.56<br>0.99<br>-76.64  | 104.15<br>0.98<br>-95.25 | 80.56<br>0.97<br>-71.68 | 74.99<br>0.68<br>-68.96 | 65.68<br>0.63<br>-59.91 |
| LITTLE FALLS__HYD<br>24013              | 5.20<br>0.06<br>0.00    | 5.20<br>0.06<br>0.00    | 4.11<br>0.05<br>0.00    | 4.10<br>0.04<br>0.00    | 4.11<br>0.04<br>0.00    | 5.21<br>0.06<br>0.00    | 5.18<br>0.05<br>0.00    | 4.97<br>0.04<br>0.00    | 7.26<br>0.08<br>0.00    | 6.82<br>0.09<br>0.00    | 6.56<br>0.08<br>0.00    | 7.45<br>0.12<br>0.00    | 7.71<br>0.13<br>0.00    | 8.07<br>0.14<br>0.00    | 7.35<br>0.13<br>0.00    | 8.07<br>0.15<br>0.00    | 8.08<br>0.14<br>0.00    | 8.09<br>0.14<br>0.00    | 8.04<br>0.13<br>0.00     | 8.03<br>0.10<br>0.00     | 8.01<br>0.09<br>0.00     | 7.99<br>0.07<br>0.00    | 5.40<br>0.04<br>0.00    | 5.18<br>0.04<br>0.00    |

|                                 |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                          |                         |                         |                         |
|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| LI_NEWBRDGE___DRP<br>323616     | 72.59<br>0.55<br>-66.91 | 60.52<br>0.52<br>-54.86 | 55.42<br>0.42<br>-50.94 | 53.53<br>0.41<br>-49.06 | 54.32<br>0.42<br>-49.84 | 58.06<br>0.54<br>-52.38 | 55.29<br>0.55<br>-49.61 | 56.12<br>0.51<br>-50.68 | 56.29<br>0.78<br>-48.33 | 56.68<br>0.74<br>-49.20 | 58.08<br>0.70<br>-50.90 | 63.95<br>0.78<br>-55.84 | 56.06<br>0.83<br>-47.65 | 56.07<br>0.89<br>-47.25 | 56.09<br>0.82<br>-48.05 | 60.16<br>0.88<br>-51.36 | 74.97<br>0.92<br>-66.11 | 78.06<br>0.91<br>-69.20 | 79.15<br>0.91<br>-70.32  | 85.49<br>0.93<br>-76.64 | 104.09<br>0.93<br>-95.25 | 80.50<br>0.91<br>-71.68 | 74.95<br>0.63<br>-68.96 | 65.65<br>0.59<br>-59.91 |
| LOCKPORT___CC1<br>323769        | 15.12<br>0.08<br>-9.91  | 14.84<br>0.11<br>-9.58  | 13.66<br>0.06<br>-9.53  | 13.54<br>0.06<br>-9.42  | 13.59<br>0.10<br>-9.42  | 14.60<br>0.13<br>-9.32  | 14.90<br>0.08<br>-9.69  | 15.08<br>0.03<br>-10.13 | 16.85<br>-0.01<br>-9.68 | 16.46<br>-0.03<br>-9.75 | 15.85<br>-0.03<br>-9.40 | 16.66<br>-0.07<br>-9.40 | 16.46<br>-0.12<br>-8.99 | 16.47<br>-0.07<br>-8.61 | 15.82<br>-0.11<br>-8.71 | 16.40<br>-0.11<br>-8.59 | 16.86<br>-0.08<br>-9.00 | 17.75<br>-0.05<br>-9.85 | 19.06<br>-0.06<br>-11.20 | 20.26<br>0.03<br>-12.31 | 20.82<br>0.01<br>-12.89  | 18.66<br>0.00<br>-10.75 | 15.13<br>0.06<br>-9.71  | 14.88<br>0.15<br>-9.58  |
| LOCKPORT___CC2<br>323770        | 15.12<br>0.08<br>-9.91  | 14.84<br>0.11<br>-9.58  | 13.66<br>0.06<br>-9.53  | 13.54<br>0.06<br>-9.42  | 13.59<br>0.10<br>-9.42  | 14.60<br>0.13<br>-9.32  | 14.90<br>0.08<br>-9.69  | 15.08<br>0.03<br>-10.13 | 16.85<br>-0.01<br>-9.68 | 16.46<br>-0.03<br>-9.75 | 15.85<br>-0.03<br>-9.40 | 16.66<br>-0.07<br>-9.40 | 16.46<br>-0.12<br>-8.99 | 16.47<br>-0.07<br>-8.61 | 15.82<br>-0.11<br>-8.71 | 16.40<br>-0.11<br>-8.59 | 16.86<br>-0.08<br>-9.00 | 17.75<br>-0.05<br>-9.85 | 19.06<br>-0.06<br>-11.20 | 20.26<br>0.03<br>-12.31 | 20.82<br>0.01<br>-12.89  | 18.66<br>0.00<br>-10.75 | 15.13<br>0.06<br>-9.71  | 14.88<br>0.15<br>-9.58  |
| LOCKPORT___CC3<br>323771        | 15.12<br>0.08<br>-9.91  | 14.84<br>0.11<br>-9.58  | 13.66<br>0.06<br>-9.53  | 13.54<br>0.06<br>-9.42  | 13.59<br>0.10<br>-9.42  | 14.60<br>0.13<br>-9.32  | 14.90<br>0.08<br>-9.69  | 15.08<br>0.03<br>-10.13 | 16.85<br>-0.01<br>-9.68 | 16.46<br>-0.03<br>-9.75 | 15.85<br>-0.03<br>-9.40 | 16.66<br>-0.07<br>-9.40 | 16.46<br>-0.12<br>-8.99 | 16.47<br>-0.07<br>-8.61 | 15.82<br>-0.11<br>-8.71 | 16.40<br>-0.11<br>-8.59 | 16.86<br>-0.08<br>-9.00 | 17.75<br>-0.05<br>-9.85 | 19.06<br>-0.06<br>-11.20 | 20.26<br>0.03<br>-12.31 | 20.82<br>0.01<br>-12.89  | 18.66<br>0.00<br>-10.75 | 15.13<br>0.06<br>-9.71  | 14.88<br>0.15<br>-9.58  |
| LONG_LAKE_PHOENIX<br>24014      | 10.45<br>-0.06<br>-5.38 | 10.29<br>-0.06<br>-5.20 | 9.18<br>-0.05<br>-5.17  | 9.11<br>-0.05<br>-5.11  | 9.13<br>-0.04<br>-5.11  | 10.15<br>-0.05<br>-5.05 | 10.32<br>-0.07<br>-5.26 | 10.37<br>-0.05<br>-5.49 | 12.34<br>-0.08<br>-5.24 | 11.93<br>-0.08<br>-5.28 | 11.49<br>-0.07<br>-5.09 | 12.33<br>-0.08<br>-5.09 | 12.36<br>-0.09<br>-4.87 | 12.51<br>-0.08<br>-4.66 | 11.86<br>-0.09<br>-4.72 | 12.49<br>-0.09<br>-4.66 | 12.74<br>-0.08<br>-4.88 | 13.22<br>-0.07<br>-5.34 | 14.08<br>-0.07<br>-6.23  | 14.72<br>-0.06<br>-6.85 | 15.03<br>-0.06<br>-7.17  | 13.83<br>-0.06<br>-5.98 | 10.72<br>-0.04<br>-5.40 | 10.44<br>-0.04<br>-5.33 |
| LOVETT___3<br>23632             | 53.89<br>0.40<br>-48.36 | 52.27<br>0.37<br>-46.76 | 50.87<br>0.30<br>-46.51 | 50.30<br>0.29<br>-45.96 | 50.32<br>0.29<br>-45.96 | 50.98<br>0.38<br>-45.45 | 52.80<br>0.39<br>-47.28 | 54.70<br>0.37<br>-49.40 | 54.86<br>0.57<br>-47.11 | 54.74<br>0.53<br>-47.47 | 52.79<br>0.52<br>-45.79 | 53.67<br>0.59<br>-45.75 | 51.99<br>0.62<br>-43.79 | 50.51<br>0.67<br>-41.90 | 50.33<br>0.61<br>-42.49 | 50.51<br>0.67<br>-41.93 | 52.55<br>0.71<br>-43.91 | 56.72<br>0.71<br>-48.06 | 63.33<br>0.70<br>-54.71  | 68.75<br>0.71<br>-60.12 | 71.61<br>0.72<br>-62.97  | 61.13<br>0.70<br>-52.51 | 53.26<br>0.47<br>-47.44 | 52.38<br>0.43<br>-46.81 |
| LOVETT___4<br>23642             | 53.89<br>0.40<br>-48.36 | 52.27<br>0.37<br>-46.76 | 50.87<br>0.30<br>-46.51 | 50.30<br>0.29<br>-45.96 | 50.32<br>0.29<br>-45.96 | 50.98<br>0.38<br>-45.45 | 52.80<br>0.39<br>-47.28 | 54.70<br>0.37<br>-49.40 | 54.86<br>0.57<br>-47.11 | 54.74<br>0.53<br>-47.47 | 52.79<br>0.52<br>-45.79 | 53.67<br>0.59<br>-45.75 | 51.99<br>0.62<br>-43.79 | 50.51<br>0.67<br>-41.90 | 50.33<br>0.61<br>-42.49 | 50.51<br>0.67<br>-41.93 | 52.55<br>0.71<br>-43.91 | 56.72<br>0.71<br>-48.06 | 63.33<br>0.70<br>-54.71  | 68.75<br>0.71<br>-60.12 | 71.61<br>0.72<br>-62.97  | 61.13<br>0.70<br>-52.51 | 53.26<br>0.47<br>-47.44 | 52.38<br>0.43<br>-46.81 |
| LOVETT___5<br>23593             | 53.89<br>0.40<br>-48.36 | 52.27<br>0.37<br>-46.76 | 50.87<br>0.30<br>-46.51 | 50.30<br>0.29<br>-45.96 | 50.32<br>0.29<br>-45.96 | 50.98<br>0.38<br>-45.45 | 52.80<br>0.39<br>-47.28 | 54.70<br>0.37<br>-49.40 | 54.86<br>0.57<br>-47.11 | 54.74<br>0.53<br>-47.47 | 52.79<br>0.52<br>-45.79 | 53.67<br>0.59<br>-45.75 | 51.99<br>0.62<br>-43.79 | 50.51<br>0.67<br>-41.90 | 50.33<br>0.61<br>-42.49 | 50.51<br>0.67<br>-41.93 | 52.55<br>0.71<br>-43.91 | 56.72<br>0.71<br>-48.06 | 63.33<br>0.70<br>-54.71  | 68.75<br>0.71<br>-60.12 | 71.61<br>0.72<br>-62.97  | 61.13<br>0.70<br>-52.51 | 53.26<br>0.47<br>-47.44 | 52.38<br>0.43<br>-46.81 |
| LOWER_RAQUET___HYD<br>24057     | 4.84<br>-0.29<br>0.00   | 4.84<br>-0.30<br>0.00   | 3.84<br>-0.22<br>0.00   | 3.84<br>-0.22<br>0.00   | 3.83<br>-0.24<br>0.00   | 4.85<br>-0.30<br>0.00   | 4.86<br>-0.27<br>0.00   | 4.67<br>-0.26<br>0.00   | 6.78<br>-0.39<br>0.00   | 6.37<br>-0.36<br>0.00   | 6.09<br>-0.38<br>0.00   | 6.91<br>-0.42<br>0.00   | 7.16<br>-0.42<br>0.00   | 7.46<br>-0.48<br>0.00   | 6.80<br>-0.43<br>0.00   | 7.46<br>-0.46<br>0.00   | 7.45<br>-0.49<br>0.00   | 7.46<br>-0.49<br>0.00   | 7.50<br>-0.41<br>0.00    | 7.49<br>-0.43<br>0.00   | 7.50<br>-0.42<br>0.00    | 7.49<br>-0.42<br>0.00   | 5.05<br>-0.31<br>0.00   | 4.85<br>-0.30<br>0.00   |
| LOWER___HUDSON<br>24059         | 72.89<br>0.28<br>-67.48 | 70.65<br>0.26<br>-65.25 | 69.18<br>0.22<br>-64.90 | 68.40<br>0.21<br>-64.13 | 68.42<br>0.21<br>-64.14 | 68.84<br>0.26<br>-63.43 | 71.39<br>0.28<br>-65.98 | 74.15<br>0.28<br>-68.94 | 73.36<br>0.44<br>-65.74 | 73.40<br>0.42<br>-66.24 | 70.77<br>0.40<br>-63.90 | 71.62<br>0.45<br>-63.84 | 69.13<br>0.45<br>-61.10 | 66.85<br>0.44<br>-58.47 | 66.91<br>0.39<br>-59.30 | 66.87<br>0.44<br>-58.51 | 69.70<br>0.48<br>-61.27 | 75.52<br>0.50<br>-67.07 | 81.67<br>0.52<br>-73.23  | 88.95<br>0.56<br>-80.46 | 92.76<br>0.56<br>-84.28  | 78.72<br>0.52<br>-70.28 | 69.21<br>0.36<br>-63.49 | 68.11<br>0.31<br>-62.66 |
| LWR___OSWEGATCHIE_HYD<br>23850  | 6.12<br>-0.22<br>-1.20  | 6.09<br>-0.22<br>-1.16  | 5.04<br>-0.17<br>-1.15  | 5.04<br>-0.16<br>-1.14  | 5.03<br>-0.17<br>-1.14  | 6.06<br>-0.22<br>-1.13  | 6.10<br>-0.20<br>-1.17  | 5.98<br>-0.17<br>-1.23  | 8.09<br>-0.26<br>-1.17  | 7.67<br>-0.25<br>-1.18  | 7.34<br>-0.27<br>-1.14  | 8.16<br>-0.30<br>-1.14  | 8.37<br>-0.30<br>-1.09  | 8.63<br>-0.34<br>-1.04  | 7.95<br>-0.32<br>-1.05  | 8.61<br>-0.36<br>-1.04  | 8.66<br>-0.37<br>-1.09  | 8.81<br>-0.33<br>-1.19  | 9.76<br>-0.28<br>-2.12   | 9.98<br>-0.27<br>-2.33  | 10.10<br>-0.26<br>-2.44  | 9.69<br>-0.26<br>-2.04  | 6.99<br>-0.20<br>-1.84  | 6.76<br>-0.20<br>-1.82  |
| LYONS_FALL_HYD<br>23570         | 6.53<br>-0.04<br>-1.43  | 6.49<br>-0.04<br>-1.39  | 5.41<br>-0.03<br>-1.38  | 5.39<br>-0.03<br>-1.36  | 5.39<br>-0.03<br>-1.36  | 6.47<br>-0.03<br>-1.35  | 6.50<br>-0.03<br>-1.40  | 6.39<br>0.00<br>-1.46   | 8.57<br>0.00<br>-1.40   | 8.14<br>0.00<br>-1.41   | 7.81<br>-0.03<br>-1.36  | 8.65<br>-0.03<br>-1.36  | 8.85<br>-0.03<br>-1.30  | 9.13<br>-0.05<br>-1.24  | 8.42<br>-0.06<br>-1.26  | 9.09<br>-0.07<br>-1.24  | 9.18<br>-0.06<br>-1.30  | 9.35<br>-0.02<br>-1.42  | 10.69<br>0.00<br>-2.78   | 10.99<br>0.02<br>-3.05  | 11.13<br>0.02<br>-3.20   | 10.60<br>0.02<br>-2.67  | 7.75<br>-0.02<br>-2.41  | 7.51<br>-0.01<br>-2.38  |
| MADISON___COUNTY_LFGE<br>323628 | 8.49<br>0.08<br>-3.28   | 8.39<br>0.08<br>-3.17   | 7.28<br>0.06<br>-3.15   | 7.23<br>0.05<br>-3.12   | 7.24<br>0.06<br>-3.12   | 8.31<br>0.08<br>-3.08   | 8.41<br>0.08<br>-3.21   | 8.37<br>0.09<br>-3.35   | 10.52<br>0.14<br>-3.20  | 10.10<br>0.14<br>-3.22  | 9.70<br>0.12<br>-3.11   | 10.56<br>0.13<br>-3.10  | 10.68<br>0.13<br>-2.97  | 10.90<br>0.13<br>-2.84  | 10.21<br>0.10<br>-2.88  | 10.88<br>0.11<br>-2.84  | 11.04<br>0.13<br>-2.98  | 11.36<br>0.15<br>-3.26  | 12.71<br>0.15<br>-4.64   | 13.20<br>0.17<br>-5.10  | 13.44<br>0.17<br>-5.34   | 12.54<br>0.17<br>-4.46  | 9.49<br>0.10<br>-4.03   | 9.22<br>0.10<br>-3.97   |
| MAPLE_RIDGE_WT_1<br>323574      | 2.91<br>-0.07<br>2.15   | 2.99<br>-0.08<br>2.08   | 1.93<br>-0.07<br>2.07   | 1.95<br>-0.07<br>2.04   | 1.95<br>-0.07<br>2.04   | 3.04<br>-0.09<br>2.02   | 2.94<br>-0.09<br>2.10   | 2.64<br>-0.09<br>2.20   | 4.94<br>-0.14<br>2.09   | 4.51<br>-0.11<br>2.11   | 4.33<br>-0.11<br>2.04   | 5.17<br>-0.12<br>2.03   | 5.53<br>-0.11<br>1.95   | 5.96<br>-0.10<br>1.86   | 5.25<br>-0.09<br>1.89   | 5.97<br>-0.09<br>1.86   | 5.90<br>-0.09<br>1.95   | 5.72<br>-0.09<br>2.14   | 7.83<br>-0.09<br>0.00    | 7.80<br>-0.13<br>0.00   | 7.76<br>-0.17<br>0.00    | 7.72<br>-0.20<br>0.00   | 5.21<br>-0.14<br>0.00   | 4.99<br>-0.15<br>0.00   |
| MAPLE_RIDGE_WT_2<br>323611      | 2.91<br>-0.07<br>2.15   | 2.99<br>-0.08<br>2.08   | 1.93<br>-0.07<br>2.07   | 1.95<br>-0.07<br>2.04   | 1.95<br>-0.07<br>2.04   | 3.04<br>-0.09<br>2.02   | 2.94<br>-0.09<br>2.10   | 2.64<br>-0.09<br>2.20   | 4.94<br>-0.14<br>2.09   | 4.51<br>-0.11<br>2.11   | 4.33<br>-0.11<br>2.04   | 5.17<br>-0.12<br>2.03   | 5.53<br>-0.11<br>1.95   | 5.96<br>-0.10<br>1.86   | 5.25<br>-0.09<br>1.89   | 5.97<br>-0.09<br>1.86   | 5.90<br>-0.09<br>1.95   | 5.72<br>-0.09<br>2.14   | 7.83<br>-0.09<br>0.00    | 7.80<br>-0.13<br>0.00   | 7.76<br>-0.17<br>0.00    | 7.72<br>-0.20<br>0.00   | 5.21<br>-0.14<br>0.00   | 4.99<br>-0.15<br>0.00   |

|  |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| MARBLE_RIVER_WT_PWR<br>323696              | 5.04<br>-0.09<br>0.00   | 5.03<br>-0.11<br>0.00   | 3.98<br>-0.09<br>0.00   | 3.98<br>-0.08<br>0.00   | 3.96<br>-0.10<br>0.00   | 5.03<br>-0.12<br>0.00   | 5.03<br>-0.10<br>0.00   | 4.82<br>-0.11<br>0.00    | 6.99<br>-0.19<br>0.00   | 6.56<br>-0.18<br>0.00   | 6.30<br>-0.17<br>0.00   | 7.12<br>-0.21<br>0.00   | 7.39<br>-0.20<br>0.00   | 7.69<br>-0.24<br>0.00   | 7.02<br>-0.20<br>0.00   | 7.69<br>-0.23<br>0.00   | 7.68<br>-0.26<br>0.00   | 7.69<br>-0.25<br>0.00   | 7.72<br>-0.19<br>0.00    | 7.70<br>-0.22<br>0.00    | 7.69<br>-0.23<br>0.00    | 7.69<br>-0.22<br>0.00    | 5.20<br>-0.16<br>0.00   | 4.98<br>-0.16<br>0.00   |
| MARSH_HILL_WT_PWR<br>323713                | 19.40<br>0.29<br>-13.98 | 18.95<br>0.29<br>-13.52 | 17.72<br>0.21<br>-13.45 | 17.56<br>0.21<br>-13.29 | 17.60<br>0.24<br>-13.29 | 18.61<br>0.31<br>-13.14 | 19.09<br>0.29<br>-13.67 | 19.51<br>0.30<br>-14.29  | 21.21<br>0.41<br>-13.63 | 20.86<br>0.40<br>-13.73 | 20.11<br>0.39<br>-13.24 | 20.95<br>0.39<br>-13.23 | 20.60<br>0.35<br>-12.66 | 20.47<br>0.42<br>-12.12 | 19.85<br>0.34<br>-12.29 | 20.44<br>0.40<br>-12.12 | 21.06<br>0.43<br>-12.70 | 22.31<br>0.47<br>-13.90 | 24.06<br>0.44<br>-15.71  | 25.70<br>0.52<br>-17.26  | 26.51<br>0.51<br>-18.08  | 23.47<br>0.48<br>-15.08  | 19.30<br>0.33<br>-13.62 | 18.91<br>0.32<br>-13.44 |
| MG_INDUSTRY___DRP<br>24185                 | 68.47<br>0.27<br>-63.06 | 66.39<br>0.27<br>-60.97 | 64.93<br>0.22<br>-60.65 | 64.20<br>0.21<br>-59.93 | 64.22<br>0.22<br>-59.94 | 64.69<br>0.27<br>-59.27 | 67.06<br>0.27<br>-61.66 | 69.61<br>0.26<br>-64.42  | 69.00<br>0.39<br>-61.43 | 69.00<br>0.36<br>-61.90 | 66.54<br>0.35<br>-59.71 | 67.37<br>0.39<br>-59.66 | 65.09<br>0.40<br>-57.10 | 63.00<br>0.43<br>-54.64 | 63.02<br>0.38<br>-55.41 | 63.01<br>0.42<br>-54.67 | 65.62<br>0.42<br>-57.26 | 71.04<br>0.42<br>-62.68 | 81.63<br>0.40<br>-73.32  | 88.89<br>0.40<br>-80.56  | 92.71<br>0.40<br>-84.38  | 78.69<br>0.41<br>-70.37  | 69.20<br>0.28<br>-63.57 | 68.13<br>0.26<br>-62.73 |
| MID___OSWEGATCHIE_HYD<br>23849             | 6.12<br>-0.22<br>-1.20  | 6.09<br>-0.22<br>-1.16  | 5.04<br>-0.17<br>-1.15  | 5.04<br>-0.16<br>-1.14  | 5.03<br>-0.17<br>-1.14  | 6.06<br>-0.22<br>-1.13  | 6.10<br>-0.20<br>-1.17  | 5.98<br>-0.17<br>-1.23   | 8.09<br>-0.26<br>-1.17  | 7.67<br>-0.25<br>-1.18  | 7.34<br>-0.27<br>-1.14  | 8.16<br>-0.30<br>-1.14  | 8.37<br>-0.30<br>-1.09  | 8.63<br>-0.34<br>-1.04  | 7.95<br>-0.32<br>-1.05  | 8.61<br>-0.36<br>-1.04  | 8.66<br>-0.37<br>-1.09  | 8.81<br>-0.33<br>-1.19  | 9.76<br>-0.28<br>-2.12   | 9.98<br>-0.27<br>-2.33   | 10.10<br>-0.26<br>-2.44  | 9.69<br>-0.26<br>-2.04   | 6.99<br>-0.20<br>-1.84  | 6.76<br>-0.20<br>-1.82  |
| MID___RAQUETTE_HYD<br>23851                | 4.84<br>-0.29<br>0.00   | 4.84<br>-0.30<br>0.00   | 3.84<br>-0.22<br>0.00   | 3.84<br>-0.22<br>0.00   | 3.83<br>-0.24<br>0.00   | 4.85<br>-0.30<br>0.00   | 4.86<br>-0.27<br>0.00   | 4.67<br>-0.26<br>0.00    | 6.78<br>-0.39<br>0.00   | 6.37<br>-0.36<br>0.00   | 6.09<br>-0.38<br>0.00   | 6.91<br>-0.42<br>0.00   | 7.16<br>-0.42<br>0.00   | 7.46<br>-0.48<br>0.00   | 6.80<br>-0.43<br>0.00   | 7.46<br>-0.46<br>0.00   | 7.45<br>-0.49<br>0.00   | 7.46<br>-0.49<br>0.00   | 7.50<br>-0.41<br>0.00    | 7.49<br>-0.43<br>0.00    | 7.50<br>-0.42<br>0.00    | 7.49<br>-0.42<br>0.00    | 5.05<br>-0.31<br>0.00   | 4.85<br>-0.30<br>0.00   |
| MILLIKEN___1<br>23584                      | 19.07<br>0.16<br>-13.77 | 18.62<br>0.16<br>-13.31 | 17.42<br>0.12<br>-13.24 | 17.26<br>0.12<br>-13.08 | 17.28<br>0.13<br>-13.09 | 18.26<br>0.18<br>-12.94 | 18.76<br>0.17<br>-13.46 | 19.17<br>0.18<br>-14.06  | 20.84<br>0.25<br>-13.41 | 20.48<br>0.23<br>-13.51 | 19.74<br>0.23<br>-13.04 | 20.59<br>0.24<br>-13.03 | 20.29<br>0.24<br>-12.47 | 20.14<br>0.28<br>-11.93 | 19.55<br>0.23<br>-12.10 | 20.11<br>0.25<br>-11.94 | 20.72<br>0.28<br>-12.50 | 21.95<br>0.32<br>-13.68 | 23.66<br>0.31<br>-15.43  | 25.22<br>0.34<br>-16.96  | 26.02<br>0.34<br>-17.76  | 23.06<br>0.33<br>-14.81  | 18.96<br>0.22<br>-13.38 | 18.56<br>0.21<br>-13.20 |
| MILLIKEN___2<br>23585                      | 19.07<br>0.16<br>-13.77 | 18.62<br>0.16<br>-13.31 | 17.42<br>0.12<br>-13.24 | 17.26<br>0.12<br>-13.08 | 17.28<br>0.13<br>-13.09 | 18.26<br>0.18<br>-12.94 | 18.76<br>0.17<br>-13.46 | 19.17<br>0.18<br>-14.06  | 20.84<br>0.25<br>-13.41 | 20.48<br>0.23<br>-13.51 | 19.74<br>0.23<br>-13.04 | 20.59<br>0.24<br>-13.03 | 20.29<br>0.24<br>-12.47 | 20.14<br>0.28<br>-11.93 | 19.55<br>0.23<br>-12.10 | 20.11<br>0.25<br>-11.94 | 20.72<br>0.28<br>-12.50 | 21.95<br>0.32<br>-13.68 | 23.66<br>0.31<br>-15.43  | 25.22<br>0.34<br>-16.96  | 26.02<br>0.34<br>-17.76  | 23.06<br>0.33<br>-14.81  | 18.96<br>0.22<br>-13.38 | 18.56<br>0.21<br>-13.20 |
| MILLIKEN___DIESEL<br>23629                 | 19.07<br>0.16<br>-13.77 | 18.62<br>0.16<br>-13.31 | 17.42<br>0.12<br>-13.24 | 17.26<br>0.12<br>-13.08 | 17.28<br>0.13<br>-13.09 | 18.26<br>0.18<br>-12.94 | 18.76<br>0.17<br>-13.46 | 19.17<br>0.18<br>-14.06  | 20.84<br>0.25<br>-13.41 | 20.48<br>0.23<br>-13.51 | 19.74<br>0.23<br>-13.04 | 20.59<br>0.24<br>-13.03 | 20.29<br>0.24<br>-12.47 | 20.14<br>0.28<br>-11.93 | 19.55<br>0.23<br>-12.10 | 20.11<br>0.25<br>-11.94 | 20.72<br>0.28<br>-12.50 | 21.95<br>0.32<br>-13.68 | 23.66<br>0.31<br>-15.43  | 25.22<br>0.34<br>-16.96  | 26.02<br>0.34<br>-17.76  | 23.06<br>0.33<br>-14.81  | 18.96<br>0.22<br>-13.38 | 18.56<br>0.21<br>-13.20 |
| MILLSEAT___LFGE<br>323607                  | 14.79<br>0.12<br>-9.54  | 14.53<br>0.16<br>-9.22  | 13.33<br>0.10<br>-9.17  | 13.22<br>0.10<br>-9.06  | 13.27<br>0.13<br>-9.07  | 14.29<br>0.18<br>-8.97  | 14.58<br>0.12<br>-9.33  | 14.76<br>0.09<br>-9.74   | 16.56<br>0.07<br>-9.31  | 16.17<br>0.05<br>-9.38  | 15.57<br>0.05<br>-9.05  | 16.39<br>0.02<br>-9.04  | 16.21<br>-0.03<br>-8.66 | 16.23<br>0.02<br>-8.28  | 15.58<br>-0.03<br>-8.38 | 16.17<br>-0.02<br>-8.27 | 16.62<br>0.02<br>-8.66  | 17.49<br>0.06<br>-9.48  | 18.76<br>0.06<br>-10.79  | 19.92<br>0.14<br>-11.85  | 20.45<br>0.12<br>-12.41  | 18.39<br>0.12<br>-10.35  | 14.84<br>0.13<br>-9.35  | 14.58<br>0.21<br>-9.23  |
| MILLWOOD_138_KV_38W41_REV_LBMP_H<br>345005 | 54.91<br>0.41<br>-49.37 | 53.26<br>0.38<br>-47.74 | 51.85<br>0.30<br>-47.48 | 51.27<br>0.30<br>-46.92 | 51.29<br>0.30<br>-46.93 | 51.94<br>0.39<br>-46.40 | 53.80<br>0.40<br>-48.27 | 55.74<br>0.38<br>-50.44  | 55.86<br>0.58<br>-48.10 | 55.75<br>0.55<br>-48.46 | 53.75<br>0.53<br>-46.75 | 54.63<br>0.60<br>-46.71 | 52.93<br>0.64<br>-44.70 | 51.39<br>0.68<br>-42.78 | 51.23<br>0.63<br>-43.38 | 51.41<br>0.68<br>-42.80 | 53.49<br>0.72<br>-44.83 | 57.73<br>0.72<br>-49.07 | 64.82<br>0.70<br>-56.20  | 70.40<br>0.73<br>-61.75  | 73.33<br>0.73<br>-64.68  | 62.58<br>0.72<br>-53.94  | 54.56<br>0.48<br>-48.73 | 53.66<br>0.43<br>-48.09 |
| MODEL_CITY_ENERGY<br>24167                 | 15.11<br>0.02<br>-9.97  | 14.83<br>0.05<br>-9.64  | 13.66<br>0.02<br>-9.58  | 13.54<br>0.01<br>-9.47  | 13.59<br>0.05<br>-9.47  | 14.58<br>0.07<br>-9.37  | 14.88<br>0.01<br>-9.74  | 15.06<br>-0.05<br>-10.18 | 16.79<br>-0.12<br>-9.74 | 16.40<br>-0.14<br>-9.81 | 15.80<br>-0.14<br>-9.46 | 16.60<br>-0.18<br>-9.45 | 16.40<br>-0.24<br>-9.05 | 16.39<br>-0.20<br>-8.66 | 15.76<br>-0.22<br>-8.76 | 16.33<br>-0.24<br>-8.64 | 16.81<br>-0.18<br>-9.05 | 17.70<br>-0.15<br>-9.91 | 19.02<br>-0.16<br>-11.26 | 20.21<br>-0.08<br>-12.37 | 20.78<br>-0.10<br>-12.96 | 18.62<br>-0.10<br>-10.81 | 15.11<br>-0.01<br>-9.76 | 14.87<br>0.09<br>-9.63  |
| MODERN_LFGE___<br>323580                   | 15.11<br>0.02<br>-9.97  | 14.83<br>0.05<br>-9.64  | 13.66<br>0.02<br>-9.58  | 13.54<br>0.01<br>-9.47  | 13.59<br>0.05<br>-9.47  | 14.58<br>0.07<br>-9.37  | 14.88<br>0.01<br>-9.74  | 15.06<br>-0.05<br>-10.18 | 16.79<br>-0.12<br>-9.74 | 16.40<br>-0.14<br>-9.81 | 15.80<br>-0.14<br>-9.46 | 16.60<br>-0.18<br>-9.45 | 16.40<br>-0.24<br>-9.05 | 16.39<br>-0.20<br>-8.66 | 15.76<br>-0.22<br>-8.76 | 16.33<br>-0.24<br>-8.64 | 16.81<br>-0.18<br>-9.05 | 17.70<br>-0.15<br>-9.91 | 19.02<br>-0.16<br>-11.26 | 20.21<br>-0.08<br>-12.37 | 20.78<br>-0.10<br>-12.96 | 18.62<br>-0.10<br>-10.81 | 15.11<br>-0.01<br>-9.76 | 14.87<br>0.09<br>-9.63  |
| MOHAWK_PAPER___DRP<br>24187                | 71.63<br>0.30<br>-66.19 | 69.43<br>0.29<br>-64.00 | 67.96<br>0.24<br>-63.66 | 67.19<br>0.23<br>-62.91 | 67.21<br>0.23<br>-62.92 | 67.65<br>0.28<br>-62.21 | 70.14<br>0.29<br>-64.72 | 72.84<br>0.29<br>-67.62  | 72.12<br>0.45<br>-64.48 | 72.14<br>0.43<br>-64.98 | 69.57<br>0.41<br>-62.68 | 70.41<br>0.46<br>-62.62 | 67.99<br>0.47<br>-59.93 | 65.76<br>0.48<br>-57.36 | 65.81<br>0.43<br>-58.17 | 65.78<br>0.47<br>-57.39 | 68.55<br>0.51<br>-60.10 | 74.26<br>0.52<br>-65.79 | 81.67<br>0.51<br>-73.24  | 88.94<br>0.55<br>-80.47  | 92.75<br>0.54<br>-84.29  | 78.72<br>0.51<br>-70.29  | 69.21<br>0.36<br>-63.50 | 68.12<br>0.31<br>-62.66 |
| MONGAUP___HYD<br>23641                     | 51.91<br>0.41<br>-46.36 | 50.36<br>0.39<br>-44.83 | 48.98<br>0.33<br>-44.59 | 48.42<br>0.30<br>-44.06 | 48.44<br>0.31<br>-44.07 | 49.11<br>0.39<br>-43.57 | 50.82<br>0.36<br>-45.33 | 52.62<br>0.33<br>-47.36  | 52.82<br>0.48<br>-45.17 | 52.68<br>0.43<br>-45.51 | 50.80<br>0.43<br>-43.90 | 51.67<br>0.48<br>-43.86 | 50.09<br>0.53<br>-41.98 | 48.67<br>0.57<br>-40.17 | 48.51<br>0.55<br>-40.74 | 48.70<br>0.59<br>-40.19 | 50.64<br>0.60<br>-42.10 | 54.54<br>0.52<br>-46.08 | 60.18<br>0.51<br>-51.76  | 65.32<br>0.52<br>-56.87  | 68.02<br>0.53<br>-59.57  | 58.12<br>0.53<br>-49.68  | 50.66<br>0.42<br>-44.88 | 49.82<br>0.39<br>-44.29 |
| MONTAUK___DIESEL<br>23721                  | 72.79<br>0.75<br>-66.91 | 60.70<br>0.70<br>-54.86 | 55.55<br>0.55<br>-50.94 | 53.68<br>0.56<br>-49.06 | 54.47<br>0.56<br>-49.84 | 58.26<br>0.73<br>-52.38 | 55.50<br>0.76<br>-49.61 | 56.27<br>0.66<br>-50.68  | 56.50<br>0.99<br>-48.33 | 56.86<br>0.93<br>-49.20 | 58.23<br>0.85<br>-50.90 | 64.12<br>0.95<br>-55.84 | 56.23<br>0.99<br>-47.65 | 56.25<br>1.07<br>-47.25 | 56.25<br>0.97<br>-48.05 | 60.35<br>1.07<br>-51.36 | 75.18<br>1.14<br>-66.11 | 78.32<br>1.18<br>-69.20 | 79.42<br>1.19<br>-70.32  | 85.80<br>1.24<br>-76.64  | 104.40<br>1.24<br>-95.25 | 80.80<br>1.20<br>-71.68  | 75.14<br>0.82<br>-68.96 | 65.81<br>0.76<br>-59.91 |



|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| MOTTHAVN_138_KV_9M4_REV_LBMP_J<br>345006   | 55.18<br>0.44<br>-49.61 | 53.52<br>0.41<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.41<br>-46.63 | 54.06<br>0.43<br>-48.51 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.70 | 54.02<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.19<br>0.68<br>-44.92 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.76<br>-49.30 | 65.23<br>0.76<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.79<br>0.78<br>-65.09 | 62.96<br>0.77<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.39 |
| MUNSVILLE_WIND_PWR<br>323609               | 28.08<br>0.39<br>-22.56 | 27.35<br>0.39<br>-21.81 | 26.06<br>0.30<br>-21.70 | 25.79<br>0.29<br>-21.44 | 25.81<br>0.30<br>-21.44 | 26.77<br>0.42<br>-21.21 | 27.59<br>0.41<br>-22.06 | 28.40<br>0.42<br>-23.05 | 29.76<br>0.60<br>-21.98 | 29.48<br>0.60<br>-22.15 | 28.40<br>0.56<br>-21.36 | 29.32<br>0.64<br>-21.34 | 28.66<br>0.64<br>-20.43 | 28.19<br>0.71<br>-19.55 | 27.66<br>0.61<br>-19.83 | 28.20<br>0.71<br>-19.56 | 29.18<br>0.75<br>-20.49 | 31.17<br>0.79<br>-22.42 | 33.07<br>0.77<br>-24.39 | 35.53<br>0.81<br>-26.80 | 36.78<br>0.79<br>-28.07 | 32.10<br>0.78<br>-23.41 | 26.98<br>0.48<br>-21.14 | 26.46<br>0.45<br>-20.87 |
| N SALMON___HYD<br>24042                    | 5.04<br>-0.10<br>0.00   | 5.03<br>-0.11<br>0.00   | 3.98<br>-0.08<br>0.00   | 3.98<br>-0.07<br>0.00   | 3.97<br>-0.10<br>0.00   | 5.03<br>-0.12<br>0.00   | 5.06<br>-0.07<br>0.00   | 4.83<br>-0.09<br>0.00   | 7.04<br>-0.14<br>0.00   | 6.60<br>-0.13<br>0.00   | 6.33<br>-0.15<br>0.00   | 7.15<br>-0.18<br>0.00   | 7.43<br>-0.16<br>0.00   | 7.74<br>-0.19<br>0.00   | 7.05<br>-0.17<br>0.00   | 7.74<br>-0.18<br>0.00   | 7.72<br>-0.22<br>0.00   | 7.75<br>-0.20<br>0.00   | 7.77<br>-0.14<br>0.00   | 7.76<br>-0.17<br>0.00   | 7.76<br>-0.16<br>0.00   | 7.76<br>-0.16<br>0.00   | 5.23<br>-0.12<br>0.00   | 5.01<br>-0.14<br>0.00   |
| N.E_GEN_SANDY PD<br>24062                  | 61.50<br>0.29<br>-56.07 | 56.92<br>0.27<br>-51.50 | 56.12<br>0.23<br>-51.83 | 56.41<br>0.21<br>-52.14 | 56.76<br>0.22<br>-52.48 | 57.83<br>0.27<br>-52.41 | 60.00<br>0.28<br>-54.59 | 64.81<br>0.28<br>-59.60 | 64.45<br>0.44<br>-56.83 | 64.44<br>0.44<br>-57.27 | 62.14<br>0.43<br>-55.24 | 63.00<br>0.48<br>-55.19 | 60.90<br>0.49<br>-52.82 | 58.99<br>0.51<br>-50.55 | 58.94<br>0.46<br>-51.26 | 59.00<br>0.50<br>-50.58 | 61.44<br>0.53<br>-52.97 | 66.46<br>0.53<br>-57.98 | 73.06<br>0.51<br>-64.63 | 80.30<br>0.55<br>-71.83 | 82.84<br>0.54<br>-74.38 | 70.46<br>0.51<br>-62.03 | 61.74<br>0.35<br>-56.03 | 60.75<br>0.31<br>-55.30 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G<br>345014 | 53.83<br>0.41<br>-48.29 | 52.22<br>0.38<br>-46.69 | 50.81<br>0.31<br>-46.44 | 50.25<br>0.30<br>-45.89 | 50.27<br>0.30<br>-45.90 | 50.92<br>0.39<br>-45.39 | 52.75<br>0.40<br>-47.22 | 54.64<br>0.38<br>-49.33 | 54.80<br>0.58<br>-47.04 | 54.69<br>0.55<br>-47.40 | 52.73<br>0.53<br>-45.73 | 53.61<br>0.60<br>-45.69 | 51.95<br>0.64<br>-43.72 | 50.46<br>0.68<br>-41.84 | 50.29<br>0.63<br>-42.44 | 50.47<br>0.68<br>-41.87 | 52.51<br>0.72<br>-43.85 | 56.67<br>0.72<br>-48.00 | 63.24<br>0.71<br>-54.61 | 68.66<br>0.73<br>-60.01 | 71.51<br>0.74<br>-62.85 | 61.05<br>0.72<br>-52.42 | 53.18<br>0.48<br>-47.35 | 52.30<br>0.43<br>-46.73 |
| NARROWS_GT1_1<br>24228                     | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NARROWS_GT1_2<br>24229                     | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NARROWS_GT1_3<br>24230                     | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NARROWS_GT1_4<br>24231                     | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NARROWS_GT1_5<br>24232                     | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NARROWS_GT1_6<br>24233                     | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NARROWS_GT1_7<br>24234                     | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NARROWS_GT1_8<br>24235                     | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NARROWS_GT2_1<br>24236                     | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NARROWS_GT2_2<br>24237                     | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08 | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT2_3<br>24238                      | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08  | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NARROWS_GT2_4<br>24239                      | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08  | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NARROWS_GT2_5<br>24240                      | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08  | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NARROWS_GT2_6<br>24241                      | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08  | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NARROWS_GT2_7<br>24242                      | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08  | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NARROWS_GT2_8<br>24243                      | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08  | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G<br>345022 | 59.64<br>0.40<br>-54.10 | 57.84<br>0.39<br>-52.31 | 56.39<br>0.30<br>-52.03 | 55.78<br>0.30<br>-51.41 | 55.80<br>0.31<br>-51.42 | 56.39<br>0.39<br>-50.85 | 58.43<br>0.40<br>-52.90 | 60.58<br>0.38<br>-55.27 | 60.46<br>0.57<br>-52.71 | 60.39<br>0.55<br>-53.11 | 58.21<br>0.51<br>-51.23 | 59.06<br>0.55<br>-51.18 | 57.15<br>0.58<br>-48.99 | 55.41<br>0.60<br>-46.88 | 55.32<br>0.56<br>-47.54 | 55.42<br>0.59<br>-46.91 | 57.70<br>0.64<br>-49.12 | 62.39<br>0.68<br>-53.77 | 70.81<br>0.72<br>-62.18 | 76.97<br>0.73<br>-68.32 | 80.21<br>0.73<br>-71.56  | 68.30<br>0.71<br>-59.67 | 59.73<br>0.47<br>-53.91 | 58.77<br>0.43<br>-53.20 |
| NEG CAPITAL___MECHNVIL<br>23645             | 74.35<br>0.34<br>-68.88 | 72.07<br>0.32<br>-66.60 | 70.56<br>0.26<br>-66.24 | 69.77<br>0.26<br>-65.46 | 69.80<br>0.26<br>-65.47 | 70.22<br>0.33<br>-64.74 | 72.83<br>0.35<br>-67.35 | 75.65<br>0.35<br>-70.37 | 74.82<br>0.54<br>-67.10 | 74.84<br>0.49<br>-67.61 | 72.15<br>0.46<br>-65.22 | 73.01<br>0.52<br>-65.16 | 70.47<br>0.52<br>-62.36 | 68.13<br>0.52<br>-59.68 | 68.20<br>0.45<br>-60.53 | 68.15<br>0.51<br>-59.72 | 71.05<br>0.57<br>-62.54 | 77.00<br>0.60<br>-68.46 | 82.83<br>0.64<br>-74.28 | 90.22<br>0.69<br>-81.61 | 94.09<br>0.68<br>-85.48  | 79.83<br>0.63<br>-71.29 | 70.19<br>0.43<br>-64.40 | 69.08<br>0.38<br>-63.55 |
| NEG CENTRAL_HIGH_ACRES<br>23767             | 12.96<br>-0.06<br>-7.89 | 12.72<br>-0.05<br>-7.63 | 11.59<br>-0.05<br>-7.59 | 11.50<br>-0.06<br>-7.50 | 11.53<br>-0.04<br>-7.50 | 12.52<br>-0.04<br>-7.41 | 12.78<br>-0.06<br>-7.71 | 12.93<br>-0.05<br>-8.06 | 14.76<br>-0.10<br>-7.68 | 14.36<br>-0.11<br>-7.74 | 13.85<br>-0.09<br>-7.47 | 14.67<br>-0.12<br>-7.46 | 14.59<br>-0.14<br>-7.14 | 14.65<br>-0.12<br>-6.83 | 14.01<br>-0.14<br>-6.93 | 14.62<br>-0.14<br>-6.84 | 14.98<br>-0.12<br>-7.16 | 15.69<br>-0.10<br>-7.84 | 16.76<br>-0.12<br>-8.96 | 17.67<br>-0.09<br>-9.84 | 18.13<br>-0.10<br>-10.31 | 16.42<br>-0.09<br>-8.60 | 13.08<br>-0.05<br>-7.77 | 12.80<br>-0.01<br>-7.67 |
| NEG CENTRAL___DRP<br>24199                  | 14.01<br>0.09<br>-8.79  | 13.74<br>0.10<br>-8.50  | 12.58<br>0.06<br>-8.45  | 12.47<br>0.06<br>-8.35  | 12.50<br>0.08<br>-8.35  | 13.52<br>0.11<br>-8.26  | 13.82<br>0.10<br>-8.59  | 14.01<br>0.10<br>-8.98  | 15.87<br>0.14<br>-8.56  | 15.48<br>0.12<br>-8.63  | 14.92<br>0.12<br>-8.32  | 15.76<br>0.12<br>-8.31  | 15.66<br>0.12<br>-7.96  | 15.69<br>0.15<br>-7.61  | 15.05<br>0.11<br>-7.72  | 15.67<br>0.13<br>-7.62  | 16.07<br>0.15<br>-7.98  | 16.87<br>0.19<br>-8.73  | 18.06<br>0.17<br>-9.97  | 19.09<br>0.21<br>-10.96 | 19.61<br>0.21<br>-11.48  | 17.68<br>0.19<br>-9.57  | 14.14<br>0.13<br>-8.65  | 13.82<br>0.14<br>-8.53  |
| NEG CENTRAL___INDECK<br>23768               | 17.02<br>0.28<br>-11.61 | 16.66<br>0.29<br>-11.22 | 15.42<br>0.19<br>-11.16 | 15.30<br>0.21<br>-11.03 | 15.34<br>0.24<br>-11.03 | 16.37<br>0.31<br>-10.91 | 16.76<br>0.28<br>-11.35 | 17.08<br>0.29<br>-11.86 | 18.91<br>0.42<br>-11.31 | 18.52<br>0.38<br>-11.40 | 17.86<br>0.40<br>-10.99 | 18.72<br>0.41<br>-10.98 | 18.47<br>0.37<br>-10.51 | 18.44<br>0.44<br>-10.06 | 17.77<br>0.35<br>-10.20 | 18.41<br>0.42<br>-10.06 | 18.93<br>0.45<br>-10.54 | 19.98<br>0.49<br>-11.54 | 21.44<br>0.44<br>-13.08 | 22.79<br>0.50<br>-14.37 | 23.47<br>0.49<br>-15.05  | 20.95<br>0.48<br>-12.55 | 17.05<br>0.35<br>-11.34 | 16.69<br>0.36<br>-11.19 |
| NEG CENTRAL___SENECA<br>23627               | 15.03<br>0.14<br>-9.76  | 14.72<br>0.14<br>-9.43  | 13.55<br>0.11<br>-9.38  | 13.43<br>0.10<br>-9.27  | 13.46<br>0.12<br>-9.27  | 14.48<br>0.16<br>-9.17  | 14.81<br>0.14<br>-9.54  | 15.04<br>0.15<br>-9.97  | 16.88<br>0.19<br>-9.51  | 16.48<br>0.17<br>-9.58  | 15.88<br>0.17<br>-9.24  | 16.73<br>0.18<br>-9.23  | 16.58<br>0.16<br>-8.83  | 16.59<br>0.21<br>-8.45  | 15.95<br>0.15<br>-8.57  | 16.55<br>0.17<br>-8.46  | 17.00<br>0.21<br>-8.86  | 17.90<br>0.25<br>-9.70  | 19.18<br>0.23<br>-11.03 | 20.32<br>0.28<br>-12.12 | 20.89<br>0.27<br>-12.70  | 18.76<br>0.25<br>-10.59 | 15.11<br>0.18<br>-9.57  | 14.77<br>0.18<br>-9.44  |
| NEG CENTRAL___STATE_STREET<br>24147         | 13.82<br>0.10<br>-8.59  | 13.55<br>0.10<br>-8.31  | 12.36<br>0.04<br>-8.26  | 12.29<br>0.07<br>-8.17  | 12.31<br>0.08<br>-8.17  | 13.33<br>0.11<br>-8.08  | 13.64<br>0.11<br>-8.40  | 13.83<br>0.12<br>-8.78  | 15.72<br>0.17<br>-8.37  | 15.33<br>0.16<br>-8.44  | 14.77<br>0.16<br>-8.14  | 15.64<br>0.18<br>-8.13  | 15.55<br>0.18<br>-7.78  | 15.59<br>0.21<br>-7.45  | 14.95<br>0.17<br>-7.55  | 15.56<br>0.19<br>-7.45  | 15.95<br>0.21<br>-7.80  | 16.73<br>0.24<br>-8.54  | 17.89<br>0.21<br>-9.76  | 18.88<br>0.23<br>-10.73 | 19.39<br>0.23<br>-11.23  | 17.50<br>0.22<br>-9.37  | 13.97<br>0.15<br>-8.46  | 13.65<br>0.15<br>-8.35  |
| NEG MILLWOOD___DRP<br>24198                 | 55.82<br>0.45<br>-50.23 | 54.14<br>0.43<br>-48.57 | 52.71<br>0.34<br>-48.31 | 52.13<br>0.34<br>-47.74 | 52.14<br>0.33<br>-47.75 | 52.79<br>0.43<br>-47.21 | 54.69<br>0.44<br>-49.12 | 56.66<br>0.41<br>-51.32 | 56.75<br>0.63<br>-48.94 | 56.64<br>0.59<br>-49.31 | 54.62<br>0.58<br>-47.56 | 55.50<br>0.65<br>-47.52 | 53.75<br>0.68<br>-45.48 | 52.19<br>0.73<br>-43.53 | 52.03<br>0.66<br>-44.14 | 52.19<br>0.72<br>-43.55 | 54.34<br>0.79<br>-45.61 | 58.67<br>0.79<br>-49.93 | 66.13<br>0.77<br>-57.45 | 71.85<br>0.80<br>-63.12 | 74.85<br>0.81<br>-66.12  | 63.84<br>0.78<br>-55.14 | 55.68<br>0.51<br>-49.81 | 54.76<br>0.46<br>-49.15 |
| NEG NORTH_FLCN_SEA<br>23793                 | 5.08<br>-0.06<br>0.00   | 5.07<br>-0.08<br>0.00   | 4.00<br>-0.06<br>0.00   | 4.01<br>-0.05<br>0.00   | 4.00<br>-0.07<br>0.00   | 5.06<br>-0.09<br>0.00   | 5.08<br>-0.05<br>0.00   | 4.85<br>-0.07<br>0.00   | 7.05<br>-0.13<br>0.00   | 6.61<br>-0.13<br>0.00   | 6.34<br>-0.14<br>0.00   | 7.16<br>-0.16<br>0.00   | 7.44<br>-0.14<br>0.00   | 7.75<br>-0.18<br>0.00   | 7.06<br>-0.16<br>0.00   | 7.75<br>-0.17<br>0.00   | 7.72<br>-0.21<br>0.00   | 7.75<br>-0.20<br>0.00   | 7.78<br>-0.13<br>0.00   | 7.76<br>-0.16<br>0.00   | 7.76<br>-0.16<br>0.00    | 7.76<br>-0.16<br>0.00   | 5.25<br>-0.11<br>0.00   | 5.02<br>-0.12<br>0.00   |

|                                  |                          |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                         |                         |
|----------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| NEG NORTH_KES_CHATEGAY<br>23792  | 5.05<br>-0.09<br>0.00    | 5.04<br>-0.10<br>0.00   | 3.98<br>-0.08<br>0.00   | 3.98<br>-0.07<br>0.00   | 3.97<br>-0.09<br>0.00   | 5.03<br>-0.12<br>0.00   | 5.05<br>-0.08<br>0.00   | 4.83<br>-0.10<br>0.00    | 7.01<br>-0.17<br>0.00   | 6.57<br>-0.17<br>0.00   | 6.31<br>-0.17<br>0.00   | 7.14<br>-0.19<br>0.00   | 7.40<br>-0.18<br>0.00   | 7.72<br>-0.21<br>0.00   | 7.04<br>-0.18<br>0.00   | 7.72<br>-0.20<br>0.00   | 7.70<br>-0.24<br>0.00   | 7.72<br>-0.22<br>0.00   | 7.76<br>-0.16<br>0.00    | 7.73<br>-0.19<br>0.00    | 7.72<br>-0.20<br>0.00    | 7.72<br>-0.19<br>0.00    | 5.22<br>-0.14<br>0.00   | 5.00<br>-0.14<br>0.00   |
| NEG NORTH___ALICE_FALLS<br>23915 | 5.08<br>-0.05<br>0.00    | 5.08<br>-0.07<br>0.00   | 4.01<br>-0.05<br>0.00   | 4.02<br>-0.04<br>0.00   | 4.00<br>-0.07<br>0.00   | 5.07<br>-0.08<br>0.00   | 5.09<br>-0.04<br>0.00   | 4.86<br>-0.06<br>0.00    | 7.06<br>-0.12<br>0.00   | 6.62<br>-0.11<br>0.00   | 6.35<br>-0.12<br>0.00   | 7.18<br>-0.15<br>0.00   | 7.45<br>-0.14<br>0.00   | 7.76<br>-0.17<br>0.00   | 7.08<br>-0.14<br>0.00   | 7.77<br>-0.15<br>0.00   | 7.74<br>-0.20<br>0.00   | 7.77<br>-0.17<br>0.00   | 7.81<br>-0.10<br>0.00    | 7.80<br>-0.13<br>0.00    | 7.79<br>-0.13<br>0.00    | 7.79<br>-0.13<br>0.00    | 5.26<br>-0.10<br>0.00   | 5.03<br>-0.11<br>0.00   |
| NEG NORTH___LWR_SARANAC<br>23913 | 5.08<br>-0.05<br>0.00    | 5.08<br>-0.07<br>0.00   | 4.01<br>-0.05<br>0.00   | 4.02<br>-0.04<br>0.00   | 4.00<br>-0.07<br>0.00   | 5.07<br>-0.08<br>0.00   | 5.09<br>-0.04<br>0.00   | 4.86<br>-0.06<br>0.00    | 7.06<br>-0.12<br>0.00   | 6.62<br>-0.11<br>0.00   | 6.35<br>-0.12<br>0.00   | 7.18<br>-0.15<br>0.00   | 7.45<br>-0.14<br>0.00   | 7.76<br>-0.17<br>0.00   | 7.08<br>-0.14<br>0.00   | 7.77<br>-0.15<br>0.00   | 7.74<br>-0.20<br>0.00   | 7.77<br>-0.17<br>0.00   | 7.81<br>-0.10<br>0.00    | 7.80<br>-0.13<br>0.00    | 7.79<br>-0.13<br>0.00    | 7.79<br>-0.13<br>0.00    | 5.26<br>-0.10<br>0.00   | 5.03<br>-0.11<br>0.00   |
| NEG NORTH___PLATTSBURG<br>23628  | 5.08<br>-0.05<br>0.00    | 5.08<br>-0.07<br>0.00   | 4.01<br>-0.05<br>0.00   | 4.02<br>-0.04<br>0.00   | 4.00<br>-0.07<br>0.00   | 5.07<br>-0.08<br>0.00   | 5.09<br>-0.04<br>0.00   | 4.86<br>-0.06<br>0.00    | 7.06<br>-0.12<br>0.00   | 6.62<br>-0.11<br>0.00   | 6.35<br>-0.12<br>0.00   | 7.18<br>-0.15<br>0.00   | 7.45<br>-0.14<br>0.00   | 7.76<br>-0.17<br>0.00   | 7.08<br>-0.14<br>0.00   | 7.77<br>-0.15<br>0.00   | 7.74<br>-0.20<br>0.00   | 7.77<br>-0.17<br>0.00   | 7.81<br>-0.10<br>0.00    | 7.80<br>-0.13<br>0.00    | 7.79<br>-0.13<br>0.00    | 7.79<br>-0.13<br>0.00    | 5.26<br>-0.10<br>0.00   | 5.03<br>-0.11<br>0.00   |
| NEG WEST_LEA_LOCKPORT<br>23791   | 15.12<br>0.08<br>-9.91   | 14.84<br>0.11<br>-9.58  | 13.66<br>0.06<br>-9.53  | 13.54<br>0.06<br>-9.42  | 13.59<br>0.10<br>-9.42  | 14.60<br>0.13<br>-9.32  | 14.90<br>0.08<br>-9.69  | 15.08<br>0.03<br>-10.13  | 16.85<br>-0.01<br>-9.68 | 16.46<br>-0.03<br>-9.75 | 15.85<br>-0.03<br>-9.40 | 16.66<br>-0.07<br>-9.40 | 16.46<br>-0.12<br>-8.99 | 16.47<br>-0.07<br>-8.61 | 15.82<br>-0.11<br>-8.71 | 16.40<br>-0.11<br>-8.59 | 16.86<br>-0.08<br>-9.00 | 17.75<br>-0.05<br>-9.85 | 19.06<br>-0.06<br>-11.20 | 20.26<br>0.03<br>-12.31  | 20.82<br>0.01<br>-12.89  | 18.66<br>0.00<br>-10.75  | 15.13<br>0.06<br>-9.71  | 14.88<br>0.15<br>-9.58  |
| NEG WEST___LANCASTR<br>23811     | 16.07<br>0.21<br>-10.73  | 15.77<br>0.25<br>-10.37 | 14.55<br>0.17<br>-10.32 | 14.42<br>0.17<br>-10.20 | 14.48<br>0.22<br>-10.20 | 15.51<br>0.27<br>-10.08 | 15.84<br>0.22<br>-10.49 | 16.08<br>0.19<br>-10.96  | 17.88<br>0.23<br>-10.47 | 17.49<br>0.20<br>-10.55 | 16.84<br>0.19<br>-10.18 | 17.67<br>0.18<br>-10.17 | 17.45<br>0.13<br>-9.73  | 17.44<br>0.20<br>-9.31  | 16.78<br>0.13<br>-9.43  | 17.38<br>0.16<br>-9.30  | 17.86<br>0.17<br>-9.74  | 18.83<br>0.21<br>-10.66 | 20.23<br>0.21<br>-12.11  | 21.54<br>0.32<br>-13.30  | 22.14<br>0.28<br>-13.93  | 19.80<br>0.27<br>-11.62  | 16.07<br>0.22<br>-10.50 | 15.79<br>0.29<br>-10.36 |
| NEG_PENN_ALLEGHNY<br>23528       | 27.28<br>0.19<br>-21.96  | 26.57<br>0.19<br>-21.23 | 25.32<br>0.14<br>-21.12 | 25.07<br>0.14<br>-20.87 | 25.09<br>0.15<br>-20.87 | 25.99<br>0.20<br>-20.64 | 26.79<br>0.18<br>-21.47 | 27.55<br>0.19<br>-22.43  | 28.85<br>0.27<br>-21.39 | 28.54<br>0.25<br>-21.56 | 27.52<br>0.25<br>-20.79 | 28.37<br>0.27<br>-20.78 | 27.74<br>0.27<br>-19.88 | 27.28<br>0.32<br>-19.03 | 26.79<br>0.27<br>-19.30 | 27.27<br>0.31<br>-19.04 | 28.21<br>0.33<br>-19.94 | 30.12<br>0.34<br>-21.83 | 32.69<br>0.32<br>-24.45  | 35.14<br>0.35<br>-26.87  | 36.41<br>0.35<br>-28.14  | 31.72<br>0.34<br>-23.47  | 26.79<br>0.24<br>-21.20 | 26.29<br>0.22<br>-20.92 |
| NEG___GEN_MONROE<br>24207        | 13.40<br>0.09<br>-8.17   | 13.16<br>0.11<br>-7.90  | 11.99<br>0.07<br>-7.86  | 11.90<br>0.08<br>-7.77  | 11.93<br>0.10<br>-7.77  | 12.95<br>0.12<br>-7.68  | 13.20<br>0.08<br>-7.99  | 13.34<br>0.06<br>-8.35   | 15.21<br>0.06<br>-7.96  | 14.80<br>0.04<br>-8.02  | 14.26<br>0.05<br>-7.74  | 15.10<br>0.04<br>-7.73  | 15.00<br>0.02<br>-7.40  | 15.09<br>0.08<br>-7.08  | 14.42<br>0.02<br>-7.18  | 15.05<br>0.04<br>-7.08  | 15.41<br>0.06<br>-7.42  | 16.18<br>0.11<br>-8.12  | 17.26<br>0.08<br>-9.27   | 18.22<br>0.11<br>-10.19  | 18.72<br>0.13<br>-10.67  | 16.95<br>0.13<br>-8.90   | 13.51<br>0.11<br>-8.04  | 13.25<br>0.17<br>-7.93  |
| NEPA___ENERGY<br>23901           | 17.08<br>0.30<br>-11.65  | 16.74<br>0.33<br>-11.26 | 15.50<br>0.24<br>-11.20 | 15.36<br>0.24<br>-11.07 | 15.41<br>0.28<br>-11.07 | 16.46<br>0.37<br>-10.95 | 16.84<br>0.32<br>-11.39 | 17.12<br>0.30<br>-11.90  | 18.93<br>0.40<br>-11.35 | 18.54<br>0.36<br>-11.44 | 17.86<br>0.35<br>-11.03 | 18.70<br>0.35<br>-11.03 | 18.46<br>0.33<br>-10.55 | 18.43<br>0.40<br>-10.10 | 17.77<br>0.32<br>-10.23 | 18.39<br>0.37<br>-10.10 | 18.90<br>0.39<br>-10.57 | 19.93<br>0.41<br>-11.57 | 21.42<br>0.38<br>-13.12  | 22.82<br>0.48<br>-14.42  | 23.48<br>0.46<br>-15.10  | 20.94<br>0.43<br>-12.59  | 17.06<br>0.32<br>-11.38 | 16.73<br>0.36<br>-11.23 |
| NEVERSINK___HYD<br>23608         | 49.74<br>0.38<br>-44.23  | 48.27<br>0.37<br>-42.77 | 46.94<br>0.34<br>-42.54 | 46.37<br>0.28<br>-42.03 | 46.39<br>0.29<br>-42.04 | 47.10<br>0.38<br>-41.57 | 48.76<br>0.38<br>-43.25 | 50.47<br>0.35<br>-45.19  | 50.78<br>0.51<br>-43.09 | 50.60<br>0.44<br>-43.42 | 48.80<br>0.45<br>-41.88 | 49.69<br>0.52<br>-41.84 | 48.17<br>0.54<br>-40.05 | 46.83<br>0.58<br>-38.33 | 46.60<br>0.51<br>-38.87 | 46.84<br>0.57<br>-38.35 | 48.73<br>0.63<br>-40.16 | 52.58<br>0.67<br>-43.96 | 57.57<br>0.67<br>-48.98  | 62.44<br>0.70<br>-53.82  | 65.00<br>0.70<br>-56.37  | 55.62<br>0.70<br>-47.01  | 48.27<br>0.44<br>-42.47 | 47.46<br>0.41<br>-41.91 |
| NEWTON___FALLS_HYD<br>23847      | 6.12<br>-0.22<br>-1.20   | 6.09<br>-0.22<br>-1.16  | 5.04<br>-0.17<br>-1.15  | 5.04<br>-0.16<br>-1.14  | 5.03<br>-0.17<br>-1.14  | 6.06<br>-0.22<br>-1.13  | 6.10<br>-0.20<br>-1.17  | 5.98<br>-0.17<br>-1.23   | 8.09<br>-0.26<br>-1.17  | 7.67<br>-0.25<br>-1.18  | 7.34<br>-0.27<br>-1.14  | 8.16<br>-0.30<br>-1.14  | 8.37<br>-0.30<br>-1.09  | 8.63<br>-0.34<br>-1.04  | 7.95<br>-0.32<br>-1.05  | 8.61<br>-0.36<br>-1.04  | 8.66<br>-0.37<br>-1.09  | 8.81<br>-0.33<br>-1.19  | 9.76<br>-0.28<br>-2.12   | 9.98<br>-0.27<br>-2.33   | 10.10<br>-0.26<br>-2.44  | 9.69<br>-0.26<br>-2.04   | 6.99<br>-0.20<br>-1.84  | 6.76<br>-0.20<br>-1.82  |
| NIAGARA_115E_LBMP<br>323715      | 15.14<br>-0.02<br>-10.03 | 14.86<br>0.02<br>-9.69  | 13.70<br>-0.01<br>-9.64 | 13.57<br>-0.01<br>-9.53 | 13.62<br>0.03<br>-9.53  | 14.61<br>0.04<br>-9.42  | 14.91<br>-0.02<br>-9.80 | 15.08<br>-0.09<br>-10.24 | 16.79<br>-0.19<br>-9.80 | 16.41<br>-0.20<br>-9.87 | 15.81<br>-0.19<br>-9.52 | 16.59<br>-0.25<br>-9.51 | 16.39<br>-0.30<br>-9.10 | 16.38<br>-0.26<br>-8.71 | 15.75<br>-0.28<br>-8.81 | 16.31<br>-0.30<br>-8.69 | 16.80<br>-0.24<br>-9.10 | 17.71<br>-0.21<br>-9.97 | 19.03<br>-0.21<br>-11.33 | 20.23<br>-0.14<br>-12.45 | 20.79<br>-0.17<br>-13.04 | 18.62<br>-0.17<br>-10.87 | 15.13<br>-0.05<br>-9.82 | 14.89<br>0.06<br>-9.69  |
| NIAGARA_115W_LBMP<br>323714      | 15.18<br>0.03<br>-10.02  | 14.89<br>0.06<br>-9.69  | 13.72<br>0.02<br>-9.64  | 13.60<br>0.02<br>-9.52  | 13.65<br>0.06<br>-9.52  | 14.64<br>0.08<br>-9.42  | 14.95<br>0.02<br>-9.80  | 15.17<br>0.01<br>-10.24  | 16.75<br>-0.04<br>-9.61 | 16.35<br>-0.07<br>-9.68 | 15.76<br>-0.06<br>-9.34 | 16.56<br>-0.10<br>-9.33 | 16.37<br>-0.14<br>-8.93 | 16.38<br>-0.10<br>-8.55 | 15.89<br>-0.14<br>-8.80 | 16.47<br>-0.13<br>-8.69 | 16.86<br>-0.17<br>-9.10 | 17.76<br>-0.14<br>-9.96 | 19.08<br>-0.16<br>-11.32 | 20.27<br>-0.09<br>-12.44 | 20.84<br>-0.11<br>-13.03 | 18.67<br>-0.11<br>-10.86 | 15.17<br>-0.01<br>-9.81 | 14.93<br>0.10<br>-9.68  |
| NIAGARA_230_LBMP<br>323716       | 15.05<br>0.04<br>-9.87   | 14.77<br>0.08<br>-9.55  | 13.59<br>0.04<br>-9.50  | 13.47<br>0.03<br>-9.38  | 13.52<br>0.07<br>-9.39  | 14.52<br>0.09<br>-9.28  | 14.82<br>0.04<br>-9.66  | 15.02<br>0.00<br>-10.09  | 16.75<br>-0.04<br>-9.61 | 16.35<br>-0.07<br>-9.68 | 15.76<br>-0.06<br>-9.34 | 16.55<br>-0.11<br>-9.33 | 16.37<br>-0.15<br>-8.93 | 16.38<br>-0.10<br>-8.55 | 15.76<br>-0.14<br>-8.68 | 16.34<br>-0.14<br>-8.56 | 16.77<br>-0.14<br>-8.97 | 17.66<br>-0.10<br>-9.81 | 18.95<br>-0.13<br>-11.16 | 20.13<br>-0.06<br>-12.26 | 20.68<br>-0.08<br>-12.84 | 18.54<br>-0.08<br>-10.71 | 15.05<br>0.02<br>-9.67  | 14.80<br>0.11<br>-9.55  |
| NIAGARA____<br>23760             | 15.14<br>-0.02<br>-10.03 | 14.86<br>0.02<br>-9.69  | 13.70<br>-0.01<br>-9.64 | 13.57<br>-0.01<br>-9.53 | 13.62<br>0.03<br>-9.53  | 14.61<br>0.04<br>-9.42  | 14.90<br>-0.02<br>-9.79 | 15.06<br>-0.06<br>-10.19 | 16.77<br>-0.13<br>-9.72 | 16.39<br>-0.14<br>-9.80 | 15.79<br>-0.14<br>-9.45 | 16.58<br>-0.19<br>-9.44 | 16.38<br>-0.24<br>-9.04 | 16.38<br>-0.20<br>-8.65 | 15.76<br>-0.22<br>-8.76 | 16.33<br>-0.24<br>-8.64 | 16.79<br>-0.19<br>-9.04 | 17.69<br>-0.16<br>-9.90 | 18.99<br>-0.17<br>-11.25 | 20.18<br>-0.10<br>-12.36 | 20.75<br>-0.12<br>-12.94 | 18.59<br>-0.13<br>-10.80 | 15.10<br>-0.03<br>-9.78 | 14.89<br>0.06<br>-9.69  |

|                              |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                         |                         |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| NINE_MILE_1<br>23575         | 9.29<br>-0.10<br>-4.26  | 9.16<br>-0.10<br>-4.12  | 8.07<br>-0.08<br>-4.10  | 8.02<br>-0.08<br>-4.05  | 8.04<br>-0.08<br>-4.05  | 9.06<br>-0.09<br>-4.00  | 9.19<br>-0.10<br>-4.16  | 9.18<br>-0.09<br>-4.35  | 11.19<br>-0.14<br>-4.15 | 10.78<br>-0.13<br>-4.18 | 10.38<br>-0.12<br>-4.03 | 11.21<br>-0.15<br>-4.03 | 11.29<br>-0.15<br>-3.86 | 11.47<br>-0.15<br>-3.69 | 10.82<br>-0.14<br>-3.74 | 11.46<br>-0.16<br>-3.69 | 11.65<br>-0.15<br>-3.87 | 12.04<br>-0.14<br>-4.23 | 12.67<br>-0.15<br>-4.91  | 13.17<br>-0.14<br>-5.39  | 13.43<br>-0.14<br>-5.65  | 12.48<br>-0.14<br>-4.71  | 9.51<br>-0.10<br>-4.25  | 9.25<br>-0.09<br>-4.20  |
| NINE_MILE_2<br>23744         | 9.29<br>-0.10<br>-4.25  | 9.15<br>-0.10<br>-4.11  | 8.07<br>-0.08<br>-4.09  | 8.01<br>-0.08<br>-4.04  | 8.03<br>-0.08<br>-4.04  | 9.05<br>-0.09<br>-3.99  | 9.18<br>-0.10<br>-4.15  | 9.17<br>-0.09<br>-4.34  | 11.18<br>-0.14<br>-4.14 | 10.77<br>-0.13<br>-4.17 | 10.38<br>-0.12<br>-4.02 | 11.21<br>-0.14<br>-4.02 | 11.28<br>-0.15<br>-3.85 | 11.46<br>-0.15<br>-3.68 | 10.81<br>-0.14<br>-3.73 | 11.45<br>-0.16<br>-3.68 | 11.65<br>-0.15<br>-3.86 | 12.04<br>-0.14<br>-4.22 | 12.66<br>-0.15<br>-4.90  | 13.16<br>-0.14<br>-5.38  | 13.41<br>-0.14<br>-5.63  | 12.47<br>-0.14<br>-4.70  | 9.51<br>-0.10<br>-4.24  | 9.25<br>-0.09<br>-4.19  |
| NM_CAPITAL___DRP<br>24208    | 70.94<br>0.29<br>-65.52 | 68.78<br>0.28<br>-63.35 | 67.31<br>0.24<br>-63.01 | 66.55<br>0.23<br>-62.26 | 66.57<br>0.23<br>-62.27 | 67.01<br>0.28<br>-61.58 | 69.47<br>0.28<br>-64.06 | 72.14<br>0.28<br>-66.93 | 71.44<br>0.44<br>-63.83 | 71.47<br>0.42<br>-64.31 | 68.92<br>0.41<br>-62.04 | 69.76<br>0.45<br>-61.98 | 67.37<br>0.46<br>-59.32 | 65.18<br>0.48<br>-56.77 | 65.21<br>0.42<br>-57.57 | 65.19<br>0.47<br>-56.80 | 67.93<br>0.50<br>-59.49 | 73.58<br>0.51<br>-65.12 | 81.37<br>0.48<br>-72.97  | 88.60<br>0.51<br>-80.17  | 92.40<br>0.50<br>-83.98  | 78.43<br>0.48<br>-70.03  | 68.96<br>0.34<br>-63.26 | 67.87<br>0.29<br>-62.43 |
| NM_CENTRAL___DRP<br>24181    | 11.04<br>0.00<br>-5.90  | 10.86<br>0.01<br>-5.71  | 9.73<br>-0.01<br>-5.68  | 9.66<br>0.00<br>-5.61   | 9.68<br>0.00<br>-5.61   | 10.71<br>0.01<br>-5.55  | 10.90<br>-0.01<br>-5.77 | 10.96<br>0.00<br>-6.03  | 12.93<br>0.00<br>-5.75  | 12.53<br>0.00<br>-5.80  | 12.07<br>0.01<br>-5.59  | 12.92<br>0.01<br>-5.59  | 12.93<br>0.00<br>-5.35  | 13.06<br>0.02<br>-5.12  | 12.41<br>0.00<br>-5.19  | 13.05<br>0.01<br>-5.12  | 13.32<br>0.02<br>-5.36  | 13.86<br>0.04<br>-5.87  | 14.83<br>0.02<br>-6.90   | 15.54<br>0.03<br>-7.59   | 15.90<br>0.03<br>-7.94   | 14.57<br>0.03<br>-6.63   | 11.36<br>0.02<br>-5.99  | 11.08<br>0.03<br>-5.91  |
| NM_FRONTIER___DRP<br>24179   | 15.18<br>0.03<br>-10.02 | 14.89<br>0.06<br>-9.69  | 13.72<br>0.02<br>-9.64  | 13.60<br>0.02<br>-9.52  | 13.65<br>0.06<br>-9.52  | 14.64<br>0.08<br>-9.42  | 14.95<br>0.02<br>-9.80  | 15.17<br>0.01<br>-10.24 | 16.75<br>-0.04<br>-9.61 | 16.35<br>-0.07<br>-9.68 | 15.76<br>-0.06<br>-9.34 | 16.56<br>-0.10<br>-9.33 | 16.37<br>-0.14<br>-8.93 | 16.38<br>-0.10<br>-8.55 | 15.89<br>-0.14<br>-8.80 | 16.47<br>-0.13<br>-8.69 | 16.86<br>-0.17<br>-9.10 | 17.76<br>-0.14<br>-9.96 | 19.08<br>-0.16<br>-11.32 | 20.27<br>-0.09<br>-12.44 | 20.84<br>-0.11<br>-13.03 | 18.67<br>-0.11<br>-10.86 | 15.17<br>-0.01<br>-9.81 | 14.93<br>0.10<br>-9.68  |
| NM_ST_REGIS___HYD<br>24053   | 4.88<br>-0.25<br>0.00   | 4.88<br>-0.26<br>0.00   | 3.87<br>-0.19<br>0.00   | 3.87<br>-0.19<br>0.00   | 3.85<br>-0.21<br>0.00   | 4.89<br>-0.26<br>0.00   | 4.90<br>-0.23<br>0.00   | 4.70<br>-0.23<br>0.00   | 6.84<br>-0.34<br>0.00   | 6.42<br>-0.32<br>0.00   | 6.15<br>-0.33<br>0.00   | 6.96<br>-0.37<br>0.00   | 7.21<br>-0.37<br>0.00   | 7.52<br>-0.41<br>0.00   | 6.85<br>-0.38<br>0.00   | 7.52<br>-0.40<br>0.00   | 7.50<br>-0.44<br>0.00   | 7.52<br>-0.43<br>0.00   | 7.56<br>-0.36<br>0.00    | 7.55<br>-0.37<br>0.00    | 7.56<br>-0.36<br>0.00    | 7.55<br>-0.36<br>0.00    | 5.09<br>-0.27<br>0.00   | 4.88<br>-0.26<br>0.00   |
| NORTHPORT___1<br>23551       | 72.61<br>0.57<br>-66.91 | 60.55<br>0.55<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.55<br>0.43<br>-49.06 | 54.34<br>0.44<br>-49.84 | 58.09<br>0.56<br>-52.38 | 55.32<br>0.58<br>-49.61 | 56.15<br>0.54<br>-50.68 | 56.33<br>0.82<br>-48.33 | 56.72<br>0.78<br>-49.20 | 58.08<br>0.71<br>-50.90 | 63.96<br>0.79<br>-55.84 | 56.08<br>0.85<br>-47.65 | 56.09<br>0.90<br>-47.25 | 56.09<br>0.82<br>-48.05 | 60.17<br>0.89<br>-51.36 | 74.98<br>0.93<br>-66.11 | 78.05<br>0.91<br>-69.20 | 79.13<br>0.89<br>-70.32  | 85.45<br>0.89<br>-76.64  | 104.05<br>0.89<br>-95.25 | 80.48<br>0.89<br>-71.68  | 74.97<br>0.65<br>-68.96 | 65.66<br>0.61<br>-59.91 |
| NORTHPORT___2<br>23552       | 72.61<br>0.57<br>-66.91 | 60.55<br>0.55<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.55<br>0.43<br>-49.06 | 54.34<br>0.44<br>-49.84 | 58.09<br>0.56<br>-52.38 | 55.32<br>0.58<br>-49.61 | 56.15<br>0.54<br>-50.68 | 56.33<br>0.82<br>-48.33 | 56.72<br>0.78<br>-49.20 | 58.08<br>0.71<br>-50.90 | 63.96<br>0.79<br>-55.84 | 56.08<br>0.85<br>-47.65 | 56.09<br>0.90<br>-47.25 | 56.09<br>0.82<br>-48.05 | 60.17<br>0.89<br>-51.36 | 74.98<br>0.93<br>-66.11 | 78.05<br>0.91<br>-69.20 | 79.13<br>0.89<br>-70.32  | 85.45<br>0.89<br>-76.64  | 104.05<br>0.89<br>-95.25 | 80.48<br>0.89<br>-71.68  | 74.97<br>0.65<br>-68.96 | 65.66<br>0.61<br>-59.91 |
| NORTHPORT___3<br>23553       | 72.60<br>0.56<br>-66.91 | 60.54<br>0.54<br>-54.86 | 55.43<br>0.43<br>-50.94 | 53.54<br>0.42<br>-49.06 | 54.33<br>0.43<br>-49.84 | 58.07<br>0.55<br>-52.38 | 55.30<br>0.56<br>-49.61 | 56.14<br>0.53<br>-50.68 | 56.31<br>0.80<br>-48.33 | 56.70<br>0.76<br>-49.20 | 58.08<br>0.71<br>-50.90 | 63.97<br>0.80<br>-55.84 | 56.08<br>0.84<br>-47.65 | 56.09<br>0.90<br>-47.25 | 56.10<br>0.83<br>-48.05 | 60.17<br>0.89<br>-51.36 | 74.99<br>0.94<br>-66.11 | 78.07<br>0.93<br>-69.20 | 79.17<br>0.93<br>-70.32  | 85.52<br>0.95<br>-76.64  | 104.12<br>0.95<br>-95.25 | 80.53<br>0.93<br>-71.68  | 74.96<br>0.65<br>-68.96 | 65.66<br>0.60<br>-59.91 |
| NORTHPORT___4<br>23650       | 72.60<br>0.56<br>-66.91 | 60.54<br>0.54<br>-54.86 | 55.43<br>0.43<br>-50.94 | 53.54<br>0.42<br>-49.06 | 54.33<br>0.43<br>-49.84 | 58.07<br>0.55<br>-52.38 | 55.30<br>0.56<br>-49.61 | 56.14<br>0.53<br>-50.68 | 56.31<br>0.80<br>-48.33 | 56.70<br>0.76<br>-49.20 | 58.08<br>0.71<br>-50.90 | 63.97<br>0.80<br>-55.84 | 56.08<br>0.84<br>-47.65 | 56.09<br>0.90<br>-47.25 | 56.10<br>0.83<br>-48.05 | 60.17<br>0.89<br>-51.36 | 74.99<br>0.94<br>-66.11 | 78.07<br>0.93<br>-69.20 | 79.17<br>0.93<br>-70.32  | 85.52<br>0.95<br>-76.64  | 104.12<br>0.95<br>-95.25 | 80.53<br>0.93<br>-71.68  | 74.96<br>0.65<br>-68.96 | 65.66<br>0.60<br>-59.91 |
| NORTHPORT___IC<br>23718      | 72.61<br>0.57<br>-66.91 | 60.55<br>0.55<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.55<br>0.43<br>-49.06 | 54.34<br>0.44<br>-49.84 | 58.09<br>0.56<br>-52.38 | 55.32<br>0.58<br>-49.61 | 56.15<br>0.54<br>-50.68 | 56.33<br>0.82<br>-48.33 | 56.72<br>0.78<br>-49.20 | 58.08<br>0.71<br>-50.90 | 63.96<br>0.79<br>-55.84 | 56.08<br>0.85<br>-47.65 | 56.09<br>0.90<br>-47.25 | 56.09<br>0.82<br>-48.05 | 60.17<br>0.89<br>-51.36 | 74.98<br>0.93<br>-66.11 | 78.05<br>0.91<br>-69.20 | 79.13<br>0.89<br>-70.32  | 85.45<br>0.89<br>-76.64  | 104.05<br>0.89<br>-95.25 | 80.48<br>0.89<br>-71.68  | 74.97<br>0.65<br>-68.96 | 65.66<br>0.61<br>-59.91 |
| NPX_GEN_1385_PROXY<br>323591 | 64.80<br>0.45<br>-59.21 | 60.00<br>0.42<br>-54.43 | 55.45<br>0.45<br>-50.94 | 53.50<br>0.38<br>-49.06 | 54.30<br>0.40<br>-49.84 | 58.00<br>0.47<br>-52.38 | 55.24<br>0.50<br>-49.61 | 56.16<br>0.55<br>-50.68 | 56.34<br>0.83<br>-48.33 | 56.77<br>0.84<br>-49.20 | 58.00<br>0.62<br>-50.90 | 63.84<br>0.67<br>-55.84 | 56.00<br>0.77<br>-47.65 | 56.00<br>0.82<br>-47.25 | 56.00<br>0.73<br>-48.05 | 60.00<br>0.72<br>-51.36 | 64.00<br>0.75<br>-55.31 | 66.00<br>0.72<br>-57.33 | 76.00<br>0.72<br>-67.37  | 84.00<br>0.71<br>-75.36  | 89.00<br>0.71<br>-80.36  | 75.00<br>0.71<br>-66.37  | 66.94<br>0.53<br>-61.05 | 65.55<br>0.49<br>-59.91 |
| NPX_GEN_CSC<br>323557        | 72.62<br>0.59<br>-66.91 | 60.54<br>0.54<br>-54.86 | 55.43<br>0.43<br>-50.94 | 53.55<br>0.43<br>-49.06 | 54.34<br>0.44<br>-49.84 | 58.09<br>0.57<br>-52.38 | 55.34<br>0.60<br>-49.61 | 56.11<br>0.50<br>-50.68 | 56.26<br>0.75<br>-48.33 | 56.64<br>0.70<br>-49.20 | 58.01<br>0.63<br>-50.90 | 63.88<br>0.71<br>-55.84 | 55.99<br>0.75<br>-47.65 | 55.99<br>0.81<br>-47.25 | 56.01<br>0.74<br>-48.05 | 60.08<br>0.80<br>-51.36 | 74.91<br>0.87<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.13<br>0.89<br>-70.32  | 85.49<br>0.93<br>-76.64  | 104.09<br>0.92<br>-95.25 | 80.50<br>0.91<br>-71.68  | 74.95<br>0.64<br>-68.96 | 65.64<br>0.58<br>-59.91 |
| NSINS_S_GLNS_FALLS<br>23858  | 75.04<br>0.28<br>-69.63 | 72.72<br>0.26<br>-67.32 | 71.22<br>0.20<br>-66.96 | 70.43<br>0.21<br>-66.17 | 70.45<br>0.21<br>-66.18 | 70.86<br>0.27<br>-65.44 | 73.50<br>0.30<br>-68.08 | 76.37<br>0.31<br>-71.13 | 75.48<br>0.47<br>-67.83 | 75.49<br>0.41<br>-68.35 | 72.77<br>0.37<br>-65.93 | 73.62<br>0.42<br>-65.87 | 71.04<br>0.42<br>-63.04 | 68.66<br>0.40<br>-60.33 | 68.74<br>0.34<br>-61.18 | 68.69<br>0.40<br>-60.36 | 71.63<br>0.48<br>-63.22 | 77.65<br>0.50<br>-69.20 | 83.40<br>0.55<br>-74.94  | 90.86<br>0.59<br>-82.35  | 94.76<br>0.59<br>-86.25  | 80.37<br>0.53<br>-71.93  | 70.69<br>0.36<br>-64.98 | 69.58<br>0.31<br>-64.12 |
| NUCOR_STEEL___DRP<br>24197   | 13.43<br>0.07<br>-8.23  | 13.17<br>0.07<br>-7.96  | 12.01<br>0.04<br>-7.91  | 11.92<br>0.04<br>-7.82  | 11.94<br>0.06<br>-7.82  | 12.96<br>0.08<br>-7.73  | 13.26<br>0.08<br>-8.05  | 13.43<br>0.10<br>-8.41  | 15.32<br>0.12<br>-8.02  | 14.92<br>0.11<br>-8.08  | 14.38<br>0.12<br>-7.79  | 15.25<br>0.14<br>-7.78  | 15.17<br>0.14<br>-7.45  | 15.22<br>0.16<br>-7.13  | 14.58<br>0.12<br>-7.23  | 15.19<br>0.13<br>-7.13  | 15.56<br>0.15<br>-7.47  | 16.31<br>0.18<br>-8.18  | 17.43<br>0.16<br>-9.36   | 18.39<br>0.18<br>-10.29  | 18.87<br>0.17<br>-10.77  | 17.07<br>0.17<br>-8.98   | 13.59<br>0.12<br>-8.12  | 13.28<br>0.12<br>-8.01  |

|                                |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| NYISO_LBMP_REFERENCE<br>24008  | 5.13<br>0.00<br>0.00    | 5.14<br>0.00<br>0.00    | 4.06<br>0.00<br>0.00    | 4.06<br>0.00<br>0.00    | 4.07<br>0.00<br>0.00    | 5.15<br>0.00<br>0.00    | 5.13<br>0.00<br>0.00    | 4.93<br>0.00<br>0.00    | 7.18<br>0.00<br>0.00    | 6.74<br>0.00<br>0.00    | 6.48<br>0.00<br>0.00    | 7.33<br>0.00<br>0.00    | 7.59<br>0.00<br>0.00    | 7.93<br>0.00<br>0.00    | 7.22<br>0.00<br>0.00    | 7.92<br>0.00<br>0.00    | 7.94<br>0.00<br>0.00    | 7.95<br>0.00<br>0.00    | 7.91<br>0.00<br>0.00    | 7.92<br>0.00<br>0.00    | 7.92<br>0.00<br>0.00     | 7.91<br>0.00<br>0.00    | 5.36<br>0.00<br>0.00    | 5.14<br>0.00<br>0.00    |
| NYPA_BRENTWD____GT<br>24164    | 72.67<br>0.63<br>-66.91 | 60.60<br>0.60<br>-54.86 | 55.48<br>0.48<br>-50.94 | 53.59<br>0.47<br>-49.06 | 54.38<br>0.48<br>-49.84 | 58.14<br>0.61<br>-52.38 | 55.38<br>0.64<br>-49.61 | 56.19<br>0.58<br>-50.68 | 56.39<br>0.88<br>-48.33 | 56.76<br>0.83<br>-49.20 | 58.14<br>0.76<br>-50.90 | 64.02<br>0.85<br>-55.84 | 56.14<br>0.90<br>-47.65 | 56.14<br>0.96<br>-47.25 | 56.15<br>0.88<br>-48.05 | 60.23<br>0.95<br>-51.36 | 75.06<br>1.01<br>-66.11 | 78.15<br>1.00<br>-69.20 | 79.23<br>1.00<br>-70.32 | 85.59<br>1.02<br>-76.64 | 104.19<br>1.02<br>-95.25 | 80.60<br>1.01<br>-71.68 | 75.03<br>0.71<br>-68.96 | 65.72<br>0.66<br>-59.91 |
| NYPA_GOWANUS____GT5<br>24156   | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08  | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NYPA_GOWANUS____GT6<br>24157   | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08  | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |
| NYPA_HARLEM__RVR__GT1<br>24160 | 55.20<br>0.46<br>-49.61 | 53.53<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.57<br>0.36<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.58<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.65<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.65<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.72<br>-49.29 | 65.20<br>0.74<br>-56.54 | 70.80<br>0.75<br>-62.13 | 73.75<br>0.75<br>-65.08  | 62.93<br>0.75<br>-54.27 | 54.86<br>0.48<br>-49.02 | 54.03<br>0.50<br>-48.39 |
| NYPA_HARLEM__RVR__GT2<br>24161 | 55.20<br>0.46<br>-49.61 | 53.53<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.57<br>0.36<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.58<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.65<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.65<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.72<br>-49.29 | 65.20<br>0.74<br>-56.54 | 70.80<br>0.75<br>-62.13 | 73.75<br>0.75<br>-65.08  | 62.93<br>0.75<br>-54.27 | 54.86<br>0.48<br>-49.02 | 54.03<br>0.50<br>-48.39 |
| NYPA_KENT____GT<br>24152       | 55.21<br>0.47<br>-49.61 | 53.54<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.12<br>0.62<br>-48.33 | 56.00<br>0.57<br>-48.69 | 54.01<br>0.56<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.26<br>0.79<br>-56.55 | 70.87<br>0.81<br>-62.14 | 73.81<br>0.81<br>-65.08  | 63.00<br>0.81<br>-54.28 | 54.92<br>0.53<br>-49.03 | 54.04<br>0.51<br>-48.39 |
| NYPA_POUCH1____GT<br>24155     | 55.21<br>0.47<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.19<br>0.41<br>-46.62 | 54.05<br>0.42<br>-48.50 | 55.99<br>0.39<br>-50.68 | 56.08<br>0.58<br>-48.33 | 55.96<br>0.53<br>-48.69 | 53.97<br>0.52<br>-46.97 | 54.87<br>0.62<br>-46.93 | 53.14<br>0.64<br>-44.91 | 51.61<br>0.70<br>-42.98 | 51.45<br>0.64<br>-43.59 | 51.62<br>0.69<br>-43.01 | 53.72<br>0.74<br>-45.04 | 57.99<br>0.74<br>-49.30 | 65.24<br>0.78<br>-56.55 | 70.85<br>0.79<br>-62.14 | 73.81<br>0.80<br>-65.08  | 63.00<br>0.81<br>-54.28 | 54.91<br>0.53<br>-49.03 | 54.04<br>0.51<br>-48.39 |
| NYPA_VERNON____GT2<br>24162    | 55.20<br>0.46<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.91<br>0.65<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.76<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.25<br>0.78<br>-56.55 | 70.86<br>0.80<br>-62.14 | 73.81<br>0.80<br>-65.08  | 62.99<br>0.80<br>-54.28 | 54.91<br>0.53<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| NYPA_VERNON____GT3<br>24163    | 55.20<br>0.46<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.91<br>0.65<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.76<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.25<br>0.78<br>-56.55 | 70.86<br>0.80<br>-62.14 | 73.81<br>0.80<br>-65.08  | 62.99<br>0.80<br>-54.28 | 54.91<br>0.53<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| NYPA__ASTORIA_CC1<br>323568    | 55.21<br>0.47<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.00<br>0.57<br>-48.69 | 54.01<br>0.56<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.25<br>0.78<br>-56.55 | 70.85<br>0.79<br>-62.14 | 73.80<br>0.79<br>-65.08  | 62.99<br>0.80<br>-54.28 | 54.91<br>0.52<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| NYPA__ASTORIA_CC2<br>323569    | 55.21<br>0.47<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.00<br>0.57<br>-48.69 | 54.01<br>0.56<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.25<br>0.78<br>-56.55 | 70.85<br>0.79<br>-62.14 | 73.80<br>0.79<br>-65.08  | 62.99<br>0.80<br>-54.28 | 54.91<br>0.52<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| NYPA__HOLTSVILL<br>23794       | 72.65<br>0.61<br>-66.91 | 60.58<br>0.58<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.58<br>0.46<br>-49.06 | 54.36<br>0.46<br>-49.84 | 58.12<br>0.59<br>-52.38 | 55.36<br>0.62<br>-49.61 | 56.16<br>0.55<br>-50.68 | 56.34<br>0.83<br>-48.33 | 56.72<br>0.78<br>-49.20 | 58.09<br>0.71<br>-50.90 | 63.97<br>0.80<br>-55.84 | 56.08<br>0.85<br>-47.65 | 56.09<br>0.90<br>-47.25 | 56.10<br>0.83<br>-48.05 | 60.17<br>0.89<br>-51.36 | 75.00<br>0.95<br>-66.11 | 78.10<br>0.95<br>-69.20 | 79.19<br>0.96<br>-70.32 | 85.55<br>0.98<br>-76.64 | 104.13<br>0.97<br>-95.25 | 80.56<br>0.97<br>-71.68 | 75.00<br>0.69<br>-68.96 | 65.69<br>0.63<br>-59.91 |
| NYPA____HELLGATE_GT1<br>24158  | 55.20<br>0.46<br>-49.61 | 53.53<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.57<br>0.36<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.58<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.65<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.65<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.72<br>-49.29 | 65.20<br>0.74<br>-56.54 | 70.80<br>0.75<br>-62.13 | 73.75<br>0.75<br>-65.08  | 62.93<br>0.75<br>-54.27 | 54.86<br>0.48<br>-49.02 | 54.03<br>0.50<br>-48.39 |
| NYPA____HELLGATE_GT2<br>24159  | 55.20<br>0.46<br>-49.61 | 53.53<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.57<br>0.36<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.58<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.65<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.65<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.72<br>-49.29 | 65.20<br>0.74<br>-56.54 | 70.80<br>0.75<br>-62.13 | 73.75<br>0.75<br>-65.08  | 62.93<br>0.75<br>-54.27 | 54.86<br>0.48<br>-49.02 | 54.03<br>0.50<br>-48.39 |

|                              |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                         |                         |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| NYS_BARGE___HYD<br>23848     | 15.05<br>0.07<br>-9.84  | 14.77<br>0.11<br>-9.52  | 13.59<br>0.06<br>-9.47  | 13.47<br>0.06<br>-9.35  | 13.52<br>0.10<br>-9.35  | 14.52<br>0.12<br>-9.25  | 14.82<br>0.07<br>-9.62  | 15.01<br>0.02<br>-10.05  | 16.77<br>-0.02<br>-9.61 | 16.38<br>-0.04<br>-9.69 | 15.78<br>-0.04<br>-9.34 | 16.58<br>-0.08<br>-9.33 | 16.39<br>-0.13<br>-8.93 | 16.39<br>-0.09<br>-8.55 | 15.75<br>-0.12<br>-8.65 | 16.33<br>-0.13<br>-8.53 | 16.79<br>-0.09<br>-8.94 | 17.67<br>-0.06<br>-9.78  | 18.97<br>-0.06<br>-11.12 | 20.17<br>0.02<br>-12.22  | 20.72<br>0.00<br>-12.80  | 18.59<br>0.00<br>-10.67  | 15.05<br>0.05<br>-9.64  | 14.81<br>0.15<br>-9.52  |
| OAK_ORCHARD___HYD<br>24046   | 13.28<br>0.06<br>-8.09  | 13.04<br>0.08<br>-7.82  | 11.88<br>0.04<br>-7.78  | 11.79<br>0.04<br>-7.69  | 11.82<br>0.07<br>-7.69  | 12.84<br>0.09<br>-7.60  | 13.10<br>0.06<br>-7.91  | 13.24<br>0.05<br>-8.27   | 15.11<br>0.04<br>-7.88  | 14.70<br>0.02<br>-7.94  | 14.17<br>0.03<br>-7.66  | 15.00<br>0.02<br>-7.66  | 14.92<br>0.01<br>-7.33  | 14.98<br>0.04<br>-7.01  | 14.33<br>0.00<br>-7.11  | 14.95<br>0.02<br>-7.01  | 15.32<br>0.03<br>-7.35  | 16.05<br>0.06<br>-8.04   | 17.13<br>0.03<br>-9.18   | 18.07<br>0.06<br>-10.09  | 18.55<br>0.06<br>-10.57  | 16.80<br>0.07<br>-8.81   | 13.39<br>0.07<br>-7.96  | 13.12<br>0.12<br>-7.86  |
| OCC_CHEM___DRP<br>24175      | 15.22<br>0.02<br>-10.07 | 14.94<br>0.06<br>-9.74  | 13.76<br>0.02<br>-9.68  | 13.64<br>0.01<br>-9.57  | 13.69<br>0.05<br>-9.57  | 14.69<br>0.07<br>-9.46  | 14.99<br>0.02<br>-9.85  | 15.27<br>0.05<br>-10.29  | 17.02<br>0.02<br>-9.82  | 16.63<br>0.00<br>-9.89  | 16.02<br>0.00<br>-9.54  | 16.82<br>-0.04<br>-9.53 | 16.63<br>-0.08<br>-9.13 | 16.63<br>-0.03<br>-8.73 | 16.00<br>-0.07<br>-8.85 | 16.59<br>-0.06<br>-8.73 | 16.89<br>-0.19<br>-9.14 | 17.80<br>-0.15<br>-10.01 | 19.12<br>-0.17<br>-11.37 | 20.33<br>-0.09<br>-12.50 | 20.90<br>-0.11<br>-13.09 | 18.72<br>-0.11<br>-10.92 | 15.20<br>-0.02<br>-9.86 | 14.96<br>0.09<br>-9.73  |
| OH_GEN_PROXY<br>24063        | 15.19<br>0.05<br>-10.01 | 14.90<br>0.08<br>-9.68  | 13.73<br>0.04<br>-9.62  | 13.60<br>0.04<br>-9.51  | 13.65<br>0.08<br>-9.51  | 14.65<br>0.10<br>-9.41  | 14.96<br>0.05<br>-9.79  | 15.17<br>0.02<br>-10.22  | 16.90<br>-0.02<br>-9.74 | 16.51<br>-0.05<br>-9.82 | 15.90<br>-0.05<br>-9.47 | 16.70<br>-0.09<br>-9.46 | 16.51<br>-0.13<br>-9.06 | 16.52<br>-0.08<br>-8.67 | 15.90<br>-0.12<br>-8.79 | 16.49<br>-0.11<br>-8.68 | 16.91<br>-0.11<br>-9.09 | 17.81<br>-0.08<br>-9.95  | 19.12<br>-0.10<br>-11.31 | 20.31<br>-0.03<br>-12.42 | 20.89<br>-0.05<br>-13.01 | 18.71<br>-0.06<br>-10.85 | 15.19<br>0.03<br>-9.80  | 14.94<br>0.12<br>-9.67  |
| OLIN_CORP_DRP<br>24177       | 15.22<br>0.02<br>-10.07 | 14.94<br>0.06<br>-9.74  | 13.76<br>0.02<br>-9.68  | 13.64<br>0.01<br>-9.57  | 13.69<br>0.05<br>-9.57  | 14.69<br>0.07<br>-9.46  | 14.99<br>0.02<br>-9.85  | 15.15<br>-0.06<br>-10.29 | 16.87<br>-0.15<br>-9.85 | 16.49<br>-0.17<br>-9.92 | 15.88<br>-0.16<br>-9.57 | 16.67<br>-0.22<br>-9.56 | 16.47<br>-0.27<br>-9.15 | 16.46<br>-0.23<br>-8.76 | 15.82<br>-0.25<br>-8.85 | 16.38<br>-0.27<br>-8.73 | 16.89<br>-0.19<br>-9.14 | 17.80<br>-0.15<br>-10.01 | 19.12<br>-0.17<br>-11.37 | 20.33<br>-0.09<br>-12.50 | 20.90<br>-0.11<br>-13.09 | 18.72<br>-0.11<br>-10.92 | 15.20<br>-0.02<br>-9.86 | 14.96<br>0.09<br>-9.73  |
| OLIN_CORP_DSASP<br>323712    | 15.22<br>0.02<br>-10.07 | 14.94<br>0.06<br>-9.74  | 13.76<br>0.02<br>-9.68  | 13.64<br>0.01<br>-9.57  | 13.69<br>0.05<br>-9.57  | 14.69<br>0.07<br>-9.46  | 14.99<br>0.02<br>-9.85  | 15.27<br>0.05<br>-10.29  | 17.02<br>0.02<br>-9.82  | 16.63<br>0.00<br>-9.89  | 16.02<br>0.00<br>-9.54  | 16.82<br>-0.04<br>-9.53 | 16.63<br>-0.08<br>-9.13 | 16.63<br>-0.03<br>-8.73 | 16.00<br>-0.07<br>-8.85 | 16.59<br>-0.06<br>-8.73 | 16.89<br>-0.19<br>-9.14 | 17.80<br>-0.15<br>-10.01 | 19.12<br>-0.17<br>-11.37 | 20.33<br>-0.09<br>-12.50 | 20.90<br>-0.11<br>-13.09 | 18.72<br>-0.11<br>-10.92 | 15.20<br>-0.02<br>-9.86 | 14.96<br>0.09<br>-9.73  |
| ONEIDA_HERK_LFGE<br>323681   | 6.32<br>-0.01<br>-1.19  | 6.29<br>-0.01<br>-1.15  | 5.20<br>0.00<br>-1.14   | 5.18<br>-0.01<br>-1.13  | 5.19<br>-0.01<br>-1.13  | 6.27<br>0.00<br>-1.12   | 6.29<br>0.00<br>-1.16   | 6.16<br>0.02<br>-1.22    | 8.37<br>0.04<br>-1.16   | 7.95<br>0.04<br>-1.17   | 7.62<br>0.01<br>-1.13   | 8.47<br>0.01<br>-1.13   | 8.68<br>0.02<br>-1.08   | 8.96<br>0.00<br>-1.03   | 8.25<br>-0.01<br>-1.05  | 8.94<br>-0.02<br>-1.03  | 9.01<br>-0.01<br>-1.08  | 9.15<br>0.02<br>-1.18    | 10.56<br>0.03<br>-2.62   | 10.85<br>0.06<br>-2.87   | 10.99<br>0.06<br>-3.01   | 10.47<br>0.05<br>-2.51   | 7.64<br>0.02<br>-2.27   | 7.40<br>0.02<br>-2.24   |
| ONONDAGA_REF_OCCRA<br>23987  | 12.53<br>0.02<br>-7.37  | 12.30<br>0.03<br>-7.13  | 11.16<br>0.01<br>-7.09  | 11.07<br>0.01<br>-7.01  | 11.09<br>0.02<br>-7.01  | 12.11<br>0.03<br>-6.93  | 12.36<br>0.02<br>-7.21  | 12.49<br>0.03<br>-7.53   | 14.40<br>0.04<br>-7.18  | 14.01<br>0.04<br>-7.24  | 13.50<br>0.05<br>-6.98  | 14.35<br>0.05<br>-6.97  | 14.31<br>0.05<br>-6.67  | 14.38<br>0.06<br>-6.39  | 13.74<br>0.04<br>-6.48  | 14.36<br>0.05<br>-6.39  | 14.69<br>0.06<br>-6.69  | 15.35<br>0.08<br>-7.33   | 16.46<br>0.06<br>-8.48   | 17.32<br>0.08<br>-9.32   | 17.76<br>0.07<br>-9.76   | 16.13<br>0.07<br>-8.14   | 12.76<br>0.05<br>-7.36  | 12.45<br>0.05<br>-7.26  |
| ONONDAGA___COGEN<br>23986    | 12.01<br>0.02<br>-6.86  | 11.79<br>0.02<br>-6.63  | 10.66<br>0.01<br>-6.59  | 10.58<br>0.01<br>-6.52  | 10.60<br>0.02<br>-6.52  | 11.62<br>0.03<br>-6.44  | 11.85<br>0.02<br>-6.70  | 11.96<br>0.03<br>-7.00   | 13.89<br>0.04<br>-6.68  | 13.50<br>0.03<br>-6.73  | 13.01<br>0.04<br>-6.49  | 13.86<br>0.04<br>-6.49  | 13.84<br>0.05<br>-6.21  | 13.93<br>0.06<br>-5.94  | 13.29<br>0.04<br>-6.02  | 13.91<br>0.05<br>-5.94  | 14.23<br>0.06<br>-6.22  | 14.84<br>0.08<br>-6.81   | 15.85<br>0.06<br>-7.87   | 16.64<br>0.07<br>-8.65   | 17.05<br>0.07<br>-9.06   | 15.53<br>0.06<br>-7.55   | 12.23<br>0.05<br>-6.82  | 11.93<br>0.05<br>-6.73  |
| ONTARIO___LFGE<br>23819      | 15.03<br>0.14<br>-9.76  | 14.72<br>0.14<br>-9.43  | 13.55<br>0.11<br>-9.38  | 13.43<br>0.10<br>-9.27  | 13.46<br>0.12<br>-9.27  | 14.48<br>0.16<br>-9.17  | 14.81<br>0.14<br>-9.54  | 15.04<br>0.15<br>-9.97   | 16.88<br>0.19<br>-9.51  | 16.48<br>0.17<br>-9.58  | 15.88<br>0.17<br>-9.24  | 16.73<br>0.18<br>-9.23  | 16.58<br>0.16<br>-8.83  | 16.59<br>0.21<br>-8.45  | 15.95<br>0.15<br>-8.57  | 16.55<br>0.17<br>-8.46  | 17.00<br>0.21<br>-8.86  | 17.90<br>0.25<br>-9.70   | 19.18<br>0.23<br>-11.03  | 20.32<br>0.28<br>-12.12  | 20.89<br>0.27<br>-12.70  | 18.76<br>0.25<br>-10.59  | 15.11<br>0.18<br>-9.57  | 14.77<br>0.18<br>-9.44  |
| ORANGEVILLE_WT_PWR<br>323706 | 17.57<br>0.17<br>-12.27 | 17.20<br>0.20<br>-11.86 | 15.99<br>0.13<br>-11.80 | 15.84<br>0.13<br>-11.66 | 15.89<br>0.17<br>-11.66 | 16.90<br>0.22<br>-11.53 | 17.30<br>0.18<br>-11.99 | 17.62<br>0.16<br>-12.53  | 19.33<br>0.19<br>-11.96 | 18.97<br>0.18<br>-12.05 | 18.27<br>0.17<br>-11.62 | 19.08<br>0.15<br>-11.61 | 18.78<br>0.08<br>-11.11 | 18.72<br>0.16<br>-10.63 | 18.10<br>0.10<br>-10.78 | 18.69<br>0.13<br>-10.63 | 19.23<br>0.15<br>-11.14 | 20.33<br>0.19<br>-12.19  | 21.89<br>0.17<br>-13.81  | 23.36<br>0.27<br>-15.17  | 24.06<br>0.25<br>-15.89  | 21.40<br>0.23<br>-13.25  | 17.52<br>0.19<br>-11.97 | 17.18<br>0.22<br>-11.82 |
| ORANGEVILLE___ESR<br>323794  | 17.57<br>0.17<br>-12.27 | 17.20<br>0.20<br>-11.86 | 15.99<br>0.13<br>-11.80 | 15.84<br>0.13<br>-11.66 | 15.89<br>0.17<br>-11.66 | 16.90<br>0.22<br>-11.53 | 17.30<br>0.18<br>-11.99 | 17.62<br>0.16<br>-12.53  | 19.33<br>0.19<br>-11.96 | 18.97<br>0.18<br>-12.05 | 18.27<br>0.17<br>-11.62 | 19.08<br>0.15<br>-11.61 | 18.78<br>0.08<br>-11.11 | 18.72<br>0.16<br>-10.63 | 18.10<br>0.10<br>-10.78 | 18.69<br>0.13<br>-10.63 | 19.23<br>0.15<br>-11.14 | 20.33<br>0.19<br>-12.19  | 21.89<br>0.17<br>-13.81  | 23.36<br>0.27<br>-15.17  | 24.06<br>0.25<br>-15.89  | 21.40<br>0.23<br>-13.25  | 17.52<br>0.19<br>-11.97 | 17.18<br>0.22<br>-11.82 |
| OSWEGATCHIE___HYD<br>24044   | 6.12<br>-0.22<br>-1.20  | 6.09<br>-0.22<br>-1.16  | 5.04<br>-0.17<br>-1.15  | 5.04<br>-0.16<br>-1.14  | 5.03<br>-0.17<br>-1.14  | 6.06<br>-0.22<br>-1.13  | 6.10<br>-0.20<br>-1.17  | 5.98<br>-0.17<br>-1.23   | 8.09<br>-0.26<br>-1.17  | 7.67<br>-0.25<br>-1.18  | 7.34<br>-0.27<br>-1.14  | 8.16<br>-0.30<br>-1.14  | 8.37<br>-0.30<br>-1.09  | 8.63<br>-0.34<br>-1.04  | 7.95<br>-0.32<br>-1.05  | 8.61<br>-0.36<br>-1.04  | 8.66<br>-0.37<br>-1.09  | 8.81<br>-0.33<br>-1.19   | 9.76<br>-0.28<br>-2.12   | 9.98<br>-0.27<br>-2.33   | 10.10<br>-0.26<br>-2.44  | 9.69<br>-0.26<br>-2.04   | 6.99<br>-0.20<br>-1.84  | 6.76<br>-0.20<br>-1.82  |
| OSWEGO___5<br>23606          | 9.96<br>-0.06<br>-4.89  | 9.81<br>-0.06<br>-4.73  | 8.71<br>-0.05<br>-4.70  | 8.65<br>-0.05<br>-4.65  | 8.67<br>-0.05<br>-4.65  | 9.69<br>-0.06<br>-4.60  | 9.84<br>-0.07<br>-4.78  | 9.86<br>-0.06<br>-5.00   | 11.86<br>-0.09<br>-4.76 | 11.45<br>-0.09<br>-4.80 | 11.03<br>-0.08<br>-4.63 | 11.87<br>-0.09<br>-4.63 | 11.92<br>-0.10<br>-4.43 | 12.07<br>-0.09<br>-4.24 | 11.43<br>-0.09<br>-4.30 | 12.06<br>-0.10<br>-4.24 | 12.29<br>-0.09<br>-4.44 | 12.73<br>-0.08<br>-4.86  | 13.44<br>-0.09<br>-5.62  | 14.01<br>-0.08<br>-6.17  | 14.30<br>-0.09<br>-6.46  | 13.22<br>-0.09<br>-5.39  | 10.17<br>-0.05<br>-4.87 | 9.90<br>-0.05<br>-4.81  |
| OSWEGO___6<br>23613          | 9.96<br>-0.06<br>-4.89  | 9.81<br>-0.06<br>-4.73  | 8.71<br>-0.05<br>-4.70  | 8.65<br>-0.05<br>-4.65  | 8.67<br>-0.05<br>-4.65  | 9.69<br>-0.06<br>-4.60  | 9.84<br>-0.07<br>-4.78  | 9.86<br>-0.06<br>-5.00   | 11.86<br>-0.09<br>-4.76 | 11.45<br>-0.09<br>-4.80 | 11.03<br>-0.08<br>-4.63 | 11.87<br>-0.09<br>-4.63 | 11.92<br>-0.10<br>-4.43 | 12.07<br>-0.09<br>-4.24 | 11.43<br>-0.09<br>-4.30 | 12.06<br>-0.10<br>-4.24 | 12.29<br>-0.09<br>-4.44 | 12.73<br>-0.08<br>-4.86  | 13.44<br>-0.09<br>-5.62  | 14.01<br>-0.08<br>-6.17  | 14.30<br>-0.09<br>-6.46  | 13.22<br>-0.09<br>-5.39  | 10.17<br>-0.05<br>-4.87 | 9.90<br>-0.05<br>-4.81  |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| OUTOKUMPU-AB___DRP<br>24206                   | 15.47<br>0.12<br>-10.21 | 15.19<br>0.17<br>-9.87  | 13.99<br>0.11<br>-9.82  | 13.86<br>0.10<br>-9.70  | 13.91<br>0.14<br>-9.71  | 14.93<br>0.19<br>-9.60  | 15.23<br>0.12<br>-9.99  | 15.49<br>0.13<br>-10.43 | 17.31<br>0.13<br>-10.00 | 16.92<br>0.11<br>-10.08 | 16.29<br>0.10<br>-9.72  | 17.11<br>0.07<br>-9.71  | 16.91<br>0.03<br>-9.29  | 16.91<br>0.09<br>-8.89  | 16.23<br>0.04<br>-8.97  | 16.83<br>0.06<br>-8.85  | 17.20<br>-0.01<br>-9.27 | 18.12<br>0.02<br>-10.15  | 19.48<br>0.03<br>-11.53  | 20.73<br>0.13<br>-12.67  | 21.30<br>0.10<br>-13.27  | 19.09<br>0.10<br>-11.07  | 15.47<br>0.11<br>-10.00 | 15.21<br>0.20<br>-9.87  |
| OXBOW____<br>24026                            | 15.35<br>0.08<br>-10.14 | 15.07<br>0.12<br>-9.81  | 13.88<br>0.07<br>-9.75  | 13.76<br>0.06<br>-9.64  | 13.81<br>0.11<br>-9.64  | 14.82<br>0.13<br>-9.53  | 15.09<br>0.04<br>-9.92  | 15.36<br>0.07<br>-10.36 | 17.13<br>0.04<br>-9.91  | 16.75<br>0.03<br>-9.98  | 16.13<br>0.03<br>-9.63  | 16.94<br>-0.01<br>-9.62 | 16.74<br>-0.05<br>-9.21 | 16.74<br>0.00<br>-8.81  | 16.09<br>-0.04<br>-8.91 | 16.68<br>-0.04<br>-8.79 | 17.02<br>-0.13<br>-9.21 | 17.93<br>-0.10<br>-10.08 | 19.31<br>-0.06<br>-11.45 | 20.55<br>0.04<br>-12.59  | 21.11<br>0.01<br>-13.18  | 18.92<br>0.01<br>-10.99  | 15.35<br>0.06<br>-9.93  | 15.10<br>0.15<br>-9.80  |
| OXY_CHEM_DSASP<br>323612                      | 15.22<br>0.02<br>-10.07 | 14.94<br>0.06<br>-9.74  | 13.76<br>0.02<br>-9.68  | 13.64<br>0.01<br>-9.57  | 13.69<br>0.05<br>-9.57  | 14.69<br>0.07<br>-9.46  | 14.99<br>0.02<br>-9.85  | 15.27<br>0.05<br>-10.29 | 17.02<br>0.02<br>-9.82  | 16.63<br>0.00<br>-9.89  | 16.02<br>0.00<br>-9.54  | 16.82<br>-0.04<br>-9.53 | 16.63<br>-0.08<br>-9.13 | 16.63<br>-0.03<br>-8.73 | 16.00<br>-0.07<br>-8.85 | 16.59<br>-0.06<br>-8.73 | 16.89<br>-0.19<br>-9.14 | 17.80<br>-0.15<br>-10.01 | 19.12<br>-0.17<br>-11.37 | 20.33<br>-0.09<br>-12.50 | 20.90<br>-0.11<br>-13.09 | 18.72<br>-0.11<br>-10.92 | 15.20<br>-0.02<br>-9.86 | 14.96<br>0.09<br>-9.73  |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A<br>345013 | 15.22<br>0.02<br>-10.07 | 14.94<br>0.06<br>-9.74  | 13.76<br>0.02<br>-9.68  | 13.64<br>0.01<br>-9.57  | 13.69<br>0.05<br>-9.57  | 14.69<br>0.07<br>-9.46  | 14.99<br>0.02<br>-9.85  | 15.27<br>0.05<br>-10.29 | 17.02<br>0.02<br>-9.82  | 16.63<br>0.00<br>-9.89  | 16.02<br>0.00<br>-9.54  | 16.82<br>-0.04<br>-9.53 | 16.63<br>-0.08<br>-9.13 | 16.63<br>-0.03<br>-8.73 | 16.00<br>-0.07<br>-8.85 | 16.59<br>-0.06<br>-8.73 | 16.89<br>-0.19<br>-9.14 | 17.80<br>-0.15<br>-10.01 | 19.12<br>-0.17<br>-11.37 | 20.33<br>-0.09<br>-12.50 | 20.90<br>-0.11<br>-13.09 | 18.72<br>-0.11<br>-10.92 | 15.20<br>-0.02<br>-9.86 | 14.96<br>0.09<br>-9.73  |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J<br>345007     | 55.21<br>0.47<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.57<br>0.36<br>-47.15 | 52.17<br>0.40<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.58<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.97<br>0.53<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.64<br>-44.91 | 51.60<br>0.69<br>-42.97 | 51.45<br>0.64<br>-43.58 | 51.60<br>0.68<br>-43.00 | 53.70<br>0.73<br>-45.03 | 57.97<br>0.72<br>-49.29  | 65.20<br>0.74<br>-56.54  | 70.80<br>0.74<br>-62.13  | 73.75<br>0.75<br>-65.08  | 62.93<br>0.75<br>-54.27  | 54.87<br>0.49<br>-49.02 | 54.03<br>0.50<br>-48.39 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J<br>345019     | 55.21<br>0.47<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.13<br>0.36<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.16<br>0.39<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.59<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.96<br>0.52<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.64<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.64<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.71<br>0.74<br>-45.03 | 57.97<br>0.73<br>-49.29  | 65.19<br>0.74<br>-56.54  | 70.80<br>0.74<br>-62.13  | 73.75<br>0.75<br>-65.08  | 62.93<br>0.75<br>-54.27  | 54.86<br>0.48<br>-49.02 | 54.02<br>0.49<br>-48.39 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A<br>345030      | 16.01<br>0.21<br>-10.67 | 15.72<br>0.26<br>-10.32 | 14.50<br>0.18<br>-10.26 | 14.37<br>0.17<br>-10.14 | 14.42<br>0.22<br>-10.14 | 15.45<br>0.28<br>-10.03 | 15.78<br>0.22<br>-10.43 | 16.01<br>0.19<br>-10.90 | 17.81<br>0.22<br>-10.41 | 17.43<br>0.20<br>-10.49 | 16.78<br>0.19<br>-10.12 | 17.61<br>0.17<br>-10.11 | 17.39<br>0.13<br>-9.68  | 17.39<br>0.20<br>-9.26  | 16.73<br>0.13<br>-9.37  | 17.33<br>0.16<br>-9.25  | 17.80<br>0.17<br>-9.69  | 18.77<br>0.21<br>-10.60  | 20.16<br>0.21<br>-12.04  | 21.47<br>0.32<br>-13.23  | 22.06<br>0.28<br>-13.86  | 19.75<br>0.28<br>-11.55  | 16.02<br>0.22<br>-10.44 | 15.74<br>0.29<br>-10.30 |
| PAWLING_115_KV_BK3_REV_LBMP_H<br>345028       | 55.82<br>0.45<br>-50.23 | 54.14<br>0.43<br>-48.57 | 52.71<br>0.34<br>-48.31 | 52.13<br>0.34<br>-47.74 | 52.14<br>0.33<br>-47.75 | 52.79<br>0.43<br>-47.21 | 54.69<br>0.44<br>-49.12 | 56.66<br>0.41<br>-51.32 | 56.75<br>0.63<br>-48.94 | 56.64<br>0.59<br>-49.31 | 54.62<br>0.58<br>-47.56 | 55.50<br>0.65<br>-47.52 | 53.75<br>0.68<br>-45.48 | 52.19<br>0.73<br>-43.53 | 52.03<br>0.66<br>-44.14 | 52.19<br>0.72<br>-43.55 | 54.34<br>0.79<br>-45.61 | 58.67<br>0.79<br>-49.93  | 66.13<br>0.77<br>-57.45  | 71.85<br>0.80<br>-63.12  | 74.85<br>0.81<br>-66.12  | 63.84<br>0.78<br>-55.14  | 55.68<br>0.51<br>-49.81 | 54.76<br>0.46<br>-49.15 |
| PEEKSKILL____<br>23653                        | 54.76<br>0.41<br>-49.22 | 53.11<br>0.38<br>-47.59 | 51.70<br>0.30<br>-47.33 | 51.12<br>0.30<br>-46.77 | 51.15<br>0.30<br>-46.78 | 51.79<br>0.38<br>-46.26 | 53.65<br>0.40<br>-48.12 | 55.59<br>0.38<br>-50.28 | 55.70<br>0.57<br>-47.95 | 55.59<br>0.54<br>-48.31 | 53.61<br>0.53<br>-46.60 | 54.49<br>0.60<br>-46.56 | 52.78<br>0.63<br>-44.56 | 51.26<br>0.68<br>-42.65 | 51.09<br>0.62<br>-43.25 | 51.26<br>0.67<br>-42.67 | 53.34<br>0.71<br>-44.69 | 57.58<br>0.72<br>-48.92  | 64.59<br>0.70<br>-55.98  | 70.15<br>0.72<br>-61.50  | 73.07<br>0.73<br>-64.42  | 62.35<br>0.71<br>-53.72  | 54.36<br>0.47<br>-48.53 | 53.47<br>0.43<br>-47.89 |
| PGE MADISON___WINDPWR<br>24146                | 28.08<br>0.39<br>-22.56 | 27.35<br>0.39<br>-21.81 | 26.06<br>0.30<br>-21.70 | 25.79<br>0.29<br>-21.44 | 25.81<br>0.30<br>-21.44 | 26.77<br>0.42<br>-21.21 | 27.59<br>0.41<br>-22.06 | 28.40<br>0.42<br>-23.05 | 29.76<br>0.60<br>-21.98 | 29.48<br>0.60<br>-22.15 | 28.40<br>0.56<br>-21.36 | 29.32<br>0.64<br>-21.34 | 28.66<br>0.64<br>-20.43 | 28.19<br>0.71<br>-19.55 | 27.66<br>0.61<br>-19.83 | 28.20<br>0.71<br>-19.56 | 29.18<br>0.75<br>-20.49 | 31.17<br>0.79<br>-22.42  | 33.07<br>0.77<br>-24.39  | 35.53<br>0.81<br>-26.80  | 36.78<br>0.79<br>-28.07  | 32.10<br>0.78<br>-23.41  | 26.98<br>0.48<br>-21.14 | 26.46<br>0.45<br>-20.87 |
| PIERCEFIELD___HYD<br>23852                    | 4.84<br>-0.29<br>0.00   | 4.84<br>-0.30<br>0.00   | 3.84<br>-0.22<br>0.00   | 3.84<br>-0.22<br>0.00   | 3.83<br>-0.24<br>0.00   | 4.85<br>-0.30<br>0.00   | 4.86<br>-0.27<br>0.00   | 4.67<br>-0.26<br>0.00   | 6.78<br>-0.39<br>0.00   | 6.37<br>-0.36<br>0.00   | 6.09<br>-0.38<br>0.00   | 6.91<br>-0.42<br>0.00   | 7.16<br>-0.42<br>0.00   | 7.46<br>-0.48<br>0.00   | 6.80<br>-0.43<br>0.00   | 7.46<br>-0.46<br>0.00   | 7.45<br>-0.49<br>0.00   | 7.46<br>-0.49<br>0.00    | 7.50<br>-0.41<br>0.00    | 7.49<br>-0.43<br>0.00    | 7.50<br>-0.42<br>0.00    | 7.49<br>-0.42<br>0.00    | 5.05<br>-0.31<br>0.00   | 4.85<br>-0.30<br>0.00   |
| PINELAWN_CC_1<br>323563                       | 72.65<br>0.61<br>-66.91 | 60.58<br>0.58<br>-54.86 | 55.45<br>0.45<br>-50.94 | 53.57<br>0.45<br>-49.06 | 54.36<br>0.46<br>-49.84 | 58.11<br>0.59<br>-52.38 | 55.35<br>0.60<br>-49.61 | 56.17<br>0.56<br>-50.68 | 56.34<br>0.83<br>-48.33 | 56.72<br>0.79<br>-49.20 | 58.11<br>0.73<br>-50.90 | 63.99<br>0.83<br>-55.84 | 56.11<br>0.88<br>-47.65 | 56.11<br>0.93<br>-47.25 | 56.13<br>0.86<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.02<br>0.98<br>-66.11 | 78.12<br>0.98<br>-69.20  | 79.22<br>0.98<br>-70.32  | 85.57<br>1.01<br>-76.64  | 104.17<br>1.01<br>-95.25 | 80.58<br>0.99<br>-71.68  | 75.01<br>0.69<br>-68.96 | 65.70<br>0.64<br>-59.91 |
| PJM_GEN_HTP_PROXY<br>323702                   | 55.17<br>0.44<br>-49.60 | 53.51<br>0.41<br>-47.96 | 52.09<br>0.33<br>-47.70 | 51.51<br>0.32<br>-47.14 | 51.53<br>0.32<br>-47.14 | 52.18<br>0.41<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.12<br>0.62<br>-48.32 | 56.00<br>0.58<br>-48.69 | 54.00<br>0.56<br>-46.96 | 54.89<br>0.64<br>-46.92 | 53.18<br>0.68<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.65<br>0.73<br>-43.00 | 53.74<br>0.77<br>-45.04 | 58.00<br>0.76<br>-49.30  | 65.22<br>0.76<br>-56.54  | 70.83<br>0.78<br>-62.13  | 73.77<br>0.78<br>-65.07  | 62.95<br>0.77<br>-54.27  | 54.89<br>0.51<br>-49.02 | 54.00<br>0.47<br>-48.38 |
| PJM_GEN_KEystone<br>24065                     | 35.17<br>0.28<br>-29.76 | 34.20<br>0.28<br>-28.78 | 32.90<br>0.22<br>-28.63 | 32.55<br>0.20<br>-28.29 | 32.58<br>0.23<br>-28.29 | 33.42<br>0.29<br>-27.98 | 34.51<br>0.28<br>-29.10 | 35.60<br>0.27<br>-30.41 | 36.56<br>0.38<br>-29.00 | 36.30<br>0.34<br>-29.22 | 35.00<br>0.34<br>-28.18 | 35.84<br>0.36<br>-28.16 | 34.90<br>0.36<br>-26.95 | 34.13<br>0.41<br>-25.79 | 33.74<br>0.36<br>-26.16 | 34.13<br>0.40<br>-25.81 | 35.39<br>0.43<br>-27.03 | 37.97<br>0.44<br>-29.58  | 41.93<br>0.41<br>-33.60  | 45.30<br>0.46<br>-36.92  | 47.06<br>0.47<br>-38.67  | 40.61<br>0.44<br>-32.25  | 34.81<br>0.32<br>-29.13 | 34.21<br>0.32<br>-28.75 |
| PJM_GEN_NEPTUNE_PROXY<br>323594               | 72.59<br>0.55<br>-66.91 | 60.52<br>0.52<br>-54.86 | 55.42<br>0.42<br>-50.94 | 53.53<br>0.41<br>-49.06 | 54.32<br>0.41<br>-49.84 | 58.06<br>0.53<br>-52.38 | 55.29<br>0.55<br>-49.61 | 56.12<br>0.51<br>-50.68 | 56.29<br>0.78<br>-48.33 | 56.67<br>0.73<br>-49.20 | 58.07<br>0.69<br>-50.90 | 63.95<br>0.78<br>-55.84 | 56.06<br>0.83<br>-47.65 | 56.07<br>0.89<br>-47.25 | 56.08<br>0.81<br>-48.05 | 60.16<br>0.88<br>-51.36 | 74.97<br>0.92<br>-66.11 | 78.05<br>0.91<br>-69.20  | 79.14<br>0.90<br>-70.32  | 85.49<br>0.93<br>-76.64  | 104.09<br>0.92<br>-95.25 | 80.50<br>0.91<br>-71.68  | 74.95<br>0.63<br>-68.96 | 65.64<br>0.59<br>-59.91 |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| PJM_GEN_VFT_PROXY<br>323633                  | 55.16<br>0.43<br>-49.60 | 53.50<br>0.40<br>-47.96 | 52.09<br>0.32<br>-47.71 | 51.50<br>0.31<br>-47.14 | 51.53<br>0.31<br>-47.15 | 52.18<br>0.41<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.01<br>0.40<br>-50.67 | 56.12<br>0.62<br>-48.32 | 55.99<br>0.57<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.88<br>0.63<br>-46.93 | 53.17<br>0.67<br>-44.91 | 51.63<br>0.72<br>-42.98 | 51.47<br>0.66<br>-43.59 | 51.64<br>0.71<br>-43.00 | 53.73<br>0.75<br>-45.04 | 57.99<br>0.75<br>-49.30 | 65.21<br>0.74<br>-56.55 | 70.82<br>0.76<br>-62.13 | 73.76<br>0.76<br>-65.08  | 62.94<br>0.75<br>-54.27 | 54.88<br>0.50<br>-49.03 | 53.99<br>0.46<br>-48.38 |
| PLEASANTVLY___LBMP<br>24000                  | 56.58<br>0.36<br>-51.08 | 54.88<br>0.34<br>-49.39 | 53.46<br>0.28<br>-49.13 | 52.87<br>0.27<br>-48.54 | 52.89<br>0.27<br>-48.55 | 53.51<br>0.35<br>-48.01 | 55.43<br>0.36<br>-49.95 | 57.46<br>0.34<br>-52.18 | 57.47<br>0.52<br>-49.76 | 57.38<br>0.50<br>-50.14 | 55.33<br>0.49<br>-48.37 | 56.20<br>0.55<br>-48.33 | 54.42<br>0.58<br>-46.25 | 52.81<br>0.62<br>-44.26 | 52.68<br>0.57<br>-44.89 | 52.83<br>0.62<br>-44.29 | 54.97<br>0.65<br>-46.38 | 59.36<br>0.64<br>-50.77 | 67.25<br>0.63<br>-58.70 | 73.07<br>0.65<br>-64.50 | 76.13<br>0.65<br>-67.55  | 64.89<br>0.64<br>-56.34 | 56.68<br>0.43<br>-50.89 | 55.76<br>0.39<br>-50.22 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I<br>345020 | 55.44<br>0.41<br>-49.90 | 53.78<br>0.39<br>-48.24 | 52.36<br>0.31<br>-47.99 | 51.78<br>0.30<br>-47.42 | 51.80<br>0.31<br>-47.43 | 52.44<br>0.39<br>-46.90 | 54.32<br>0.41<br>-48.79 | 56.29<br>0.38<br>-50.97 | 56.38<br>0.59<br>-48.61 | 56.27<br>0.55<br>-48.98 | 54.26<br>0.54<br>-47.25 | 55.15<br>0.62<br>-47.20 | 53.41<br>0.64<br>-45.18 | 51.86<br>0.69<br>-43.24 | 51.70<br>0.64<br>-43.85 | 51.87<br>0.69<br>-43.26 | 53.97<br>0.72<br>-45.30 | 58.26<br>0.72<br>-49.59 | 65.61<br>0.71<br>-56.99 | 71.28<br>0.74<br>-62.62 | 74.24<br>0.74<br>-65.59  | 63.33<br>0.72<br>-54.69 | 55.25<br>0.48<br>-49.41 | 54.35<br>0.44<br>-48.76 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G<br>345023 | 56.61<br>0.41<br>-51.07 | 54.91<br>0.39<br>-49.38 | 53.48<br>0.30<br>-49.11 | 52.89<br>0.30<br>-48.53 | 52.91<br>0.31<br>-48.54 | 53.54<br>0.39<br>-48.00 | 55.47<br>0.41<br>-49.93 | 57.48<br>0.38<br>-52.17 | 57.51<br>0.58<br>-49.75 | 57.41<br>0.55<br>-50.13 | 55.36<br>0.53<br>-48.36 | 56.24<br>0.60<br>-48.31 | 54.45<br>0.63<br>-46.24 | 52.86<br>0.67<br>-44.25 | 52.71<br>0.61<br>-44.88 | 52.86<br>0.66<br>-44.28 | 55.02<br>0.71<br>-46.37 | 59.42<br>0.72<br>-50.76 | 67.08<br>0.71<br>-58.45 | 72.87<br>0.73<br>-64.22 | 75.92<br>0.73<br>-67.27  | 64.72<br>0.71<br>-56.10 | 56.50<br>0.47<br>-50.67 | 55.59<br>0.43<br>-50.01 |
| POLETTI____<br>23519                         | 55.18<br>0.44<br>-49.60 | 53.52<br>0.41<br>-47.96 | 52.09<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.18<br>0.41<br>-46.62 | 54.06<br>0.43<br>-48.50 | 56.01<br>0.40<br>-50.67 | 56.12<br>0.62<br>-48.32 | 56.00<br>0.57<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.17<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.00 | 53.74<br>0.76<br>-45.04 | 57.99<br>0.75<br>-49.30 | 65.21<br>0.74<br>-56.55 | 70.82<br>0.76<br>-62.13 | 73.76<br>0.76<br>-65.08  | 62.95<br>0.76<br>-54.27 | 54.89<br>0.50<br>-49.03 | 54.00<br>0.47<br>-48.38 |
| PORT_JEFF_3<br>23555                         | 72.67<br>0.63<br>-66.91 | 60.59<br>0.59<br>-54.86 | 55.46<br>0.46<br>-50.94 | 53.59<br>0.47<br>-49.06 | 54.38<br>0.48<br>-49.84 | 58.13<br>0.61<br>-52.38 | 55.37<br>0.63<br>-49.61 | 56.18<br>0.57<br>-50.68 | 56.36<br>0.85<br>-48.33 | 56.74<br>0.80<br>-49.20 | 58.11<br>0.73<br>-50.90 | 63.99<br>0.82<br>-55.84 | 56.10<br>0.86<br>-47.65 | 56.11<br>0.93<br>-47.25 | 56.12<br>0.84<br>-48.05 | 60.20<br>0.92<br>-51.36 | 75.02<br>0.97<br>-66.11 | 78.12<br>0.98<br>-69.20 | 79.22<br>0.98<br>-70.32 | 85.57<br>1.01<br>-76.64 | 104.16<br>0.99<br>-95.25 | 80.58<br>0.99<br>-71.68 | 75.02<br>0.70<br>-68.96 | 65.70<br>0.65<br>-59.91 |
| PORT_JEFF_4<br>23616                         | 72.67<br>0.63<br>-66.91 | 60.59<br>0.59<br>-54.86 | 55.46<br>0.46<br>-50.94 | 53.59<br>0.47<br>-49.06 | 54.38<br>0.48<br>-49.84 | 58.13<br>0.61<br>-52.38 | 55.37<br>0.63<br>-49.61 | 56.18<br>0.57<br>-50.68 | 56.36<br>0.85<br>-48.33 | 56.74<br>0.80<br>-49.20 | 58.11<br>0.73<br>-50.90 | 63.99<br>0.82<br>-55.84 | 56.10<br>0.86<br>-47.65 | 56.11<br>0.93<br>-47.25 | 56.12<br>0.84<br>-48.05 | 60.20<br>0.92<br>-51.36 | 75.02<br>0.97<br>-66.11 | 78.12<br>0.98<br>-69.20 | 79.22<br>0.98<br>-70.32 | 85.57<br>1.01<br>-76.64 | 104.16<br>0.99<br>-95.25 | 80.58<br>0.99<br>-71.68 | 75.02<br>0.70<br>-68.96 | 65.70<br>0.65<br>-59.91 |
| PORT_JEFF_IC<br>23713                        | 72.67<br>0.63<br>-66.91 | 60.60<br>0.60<br>-54.86 | 55.47<br>0.47<br>-50.94 | 53.59<br>0.47<br>-49.06 | 54.38<br>0.48<br>-49.84 | 58.14<br>0.61<br>-52.38 | 55.38<br>0.64<br>-49.61 | 56.18<br>0.57<br>-50.68 | 56.37<br>0.85<br>-48.33 | 56.74<br>0.80<br>-49.20 | 58.11<br>0.73<br>-50.90 | 63.99<br>0.83<br>-55.84 | 56.11<br>0.87<br>-47.65 | 56.11<br>0.93<br>-47.25 | 56.12<br>0.85<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.02<br>0.98<br>-66.11 | 78.14<br>0.99<br>-69.20 | 79.23<br>1.00<br>-70.32 | 85.59<br>1.02<br>-76.64 | 104.15<br>0.98<br>-95.25 | 80.60<br>1.01<br>-71.68 | 75.02<br>0.71<br>-68.96 | 65.71<br>0.65<br>-59.91 |
| PPL PILGRIM_ST_GT1<br>24216                  | 72.67<br>0.63<br>-66.91 | 60.60<br>0.60<br>-54.86 | 55.48<br>0.48<br>-50.94 | 53.59<br>0.47<br>-49.06 | 54.38<br>0.48<br>-49.84 | 58.14<br>0.61<br>-52.38 | 55.38<br>0.64<br>-49.61 | 56.19<br>0.58<br>-50.68 | 56.39<br>0.88<br>-48.33 | 56.76<br>0.83<br>-49.20 | 58.14<br>0.76<br>-50.90 | 64.02<br>0.85<br>-55.84 | 56.14<br>0.90<br>-47.65 | 56.14<br>0.96<br>-47.25 | 56.15<br>0.88<br>-48.05 | 60.23<br>0.95<br>-51.36 | 75.06<br>1.01<br>-66.11 | 78.15<br>1.00<br>-69.20 | 79.23<br>1.00<br>-70.32 | 85.59<br>1.02<br>-76.64 | 104.19<br>1.02<br>-95.25 | 80.60<br>1.01<br>-71.68 | 75.03<br>0.71<br>-68.96 | 65.72<br>0.66<br>-59.91 |
| PPL PILGRIM_ST_GT2<br>24217                  | 72.67<br>0.63<br>-66.91 | 60.60<br>0.60<br>-54.86 | 55.48<br>0.48<br>-50.94 | 53.59<br>0.47<br>-49.06 | 54.38<br>0.48<br>-49.84 | 58.14<br>0.61<br>-52.38 | 55.38<br>0.64<br>-49.61 | 56.19<br>0.58<br>-50.68 | 56.39<br>0.88<br>-48.33 | 56.76<br>0.83<br>-49.20 | 58.14<br>0.76<br>-50.90 | 64.02<br>0.85<br>-55.84 | 56.14<br>0.90<br>-47.65 | 56.14<br>0.96<br>-47.25 | 56.15<br>0.88<br>-48.05 | 60.23<br>0.95<br>-51.36 | 75.06<br>1.01<br>-66.11 | 78.15<br>1.00<br>-69.20 | 79.23<br>1.00<br>-70.32 | 85.59<br>1.02<br>-76.64 | 104.19<br>1.02<br>-95.25 | 80.60<br>1.01<br>-71.68 | 75.03<br>0.71<br>-68.96 | 65.72<br>0.66<br>-59.91 |
| PPL_SHRM_GT3<br>24213                        | 72.63<br>0.59<br>-66.91 | 60.55<br>0.55<br>-54.86 | 55.43<br>0.43<br>-50.94 | 53.55<br>0.43<br>-49.06 | 54.34<br>0.44<br>-49.84 | 58.09<br>0.57<br>-52.38 | 55.35<br>0.60<br>-49.61 | 56.11<br>0.50<br>-50.68 | 56.26<br>0.75<br>-48.33 | 56.64<br>0.70<br>-49.20 | 58.01<br>0.63<br>-50.90 | 63.88<br>0.71<br>-55.84 | 55.99<br>0.75<br>-47.65 | 55.99<br>0.81<br>-47.25 | 56.01<br>0.74<br>-48.05 | 60.08<br>0.80<br>-51.36 | 74.91<br>0.87<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.13<br>0.89<br>-70.32 | 85.50<br>0.93<br>-76.64 | 104.09<br>0.93<br>-95.25 | 80.50<br>0.91<br>-71.68 | 74.95<br>0.64<br>-68.96 | 65.64<br>0.59<br>-59.91 |
| PPL_SHRM_GT4<br>24214                        | 72.63<br>0.59<br>-66.91 | 60.55<br>0.55<br>-54.86 | 55.43<br>0.43<br>-50.94 | 53.55<br>0.43<br>-49.06 | 54.34<br>0.44<br>-49.84 | 58.09<br>0.57<br>-52.38 | 55.35<br>0.60<br>-49.61 | 56.11<br>0.50<br>-50.68 | 56.26<br>0.75<br>-48.33 | 56.64<br>0.70<br>-49.20 | 58.01<br>0.63<br>-50.90 | 63.88<br>0.71<br>-55.84 | 55.99<br>0.75<br>-47.65 | 55.99<br>0.81<br>-47.25 | 56.01<br>0.74<br>-48.05 | 60.08<br>0.80<br>-51.36 | 74.91<br>0.87<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.13<br>0.89<br>-70.32 | 85.50<br>0.93<br>-76.64 | 104.09<br>0.93<br>-95.25 | 80.50<br>0.91<br>-71.68 | 74.95<br>0.64<br>-68.96 | 65.64<br>0.59<br>-59.91 |
| PROJECT___ORANGE 1<br>24174                  | 11.14<br>0.01<br>-6.00  | 10.95<br>0.01<br>-5.80  | 9.83<br>0.00<br>-5.77   | 9.75<br>0.00<br>-5.70   | 9.77<br>0.01<br>-5.70   | 10.80<br>0.01<br>-5.64  | 10.99<br>0.00<br>-5.86  | 11.06<br>0.01<br>-6.13  | 13.04<br>0.01<br>-5.84  | 12.63<br>0.01<br>-5.89  | 12.17<br>0.02<br>-5.68  | 13.02<br>0.01<br>-5.67  | 13.03<br>0.02<br>-5.43  | 13.16<br>0.03<br>-5.20  | 12.51<br>0.01<br>-5.27  | 13.14<br>0.02<br>-5.20  | 13.42<br>0.03<br>-5.45  | 13.96<br>0.05<br>-5.96  | 14.94<br>0.03<br>-7.00  | 15.65<br>0.04<br>-7.69  | 16.01<br>0.04<br>-8.05   | 14.67<br>0.04<br>-6.72  | 11.45<br>0.03<br>-6.07  | 11.16<br>0.03<br>-5.99  |
| PROJECT___ORANGE 2<br>24166                  | 11.14<br>0.01<br>-6.00  | 10.95<br>0.01<br>-5.80  | 9.83<br>0.00<br>-5.77   | 9.75<br>0.00<br>-5.70   | 9.77<br>0.01<br>-5.70   | 10.80<br>0.01<br>-5.64  | 10.99<br>0.00<br>-5.86  | 11.06<br>0.01<br>-6.13  | 13.04<br>0.01<br>-5.84  | 12.63<br>0.01<br>-5.89  | 12.17<br>0.02<br>-5.68  | 13.02<br>0.01<br>-5.67  | 13.03<br>0.02<br>-5.43  | 13.16<br>0.03<br>-5.20  | 12.51<br>0.01<br>-5.27  | 13.14<br>0.02<br>-5.20  | 13.42<br>0.03<br>-5.45  | 13.96<br>0.05<br>-5.96  | 14.94<br>0.03<br>-7.00  | 15.65<br>0.04<br>-7.69  | 16.01<br>0.04<br>-8.05   | 14.67<br>0.04<br>-6.72  | 11.45<br>0.03<br>-6.07  | 11.16<br>0.03<br>-5.99  |
| PYRITES___HYD<br>24023                       | 4.91<br>-0.22<br>0.00   | 4.92<br>-0.23<br>0.00   | 3.91<br>-0.15<br>0.00   | 3.90<br>-0.15<br>0.00   | 3.89<br>-0.17<br>0.00   | 4.92<br>-0.23<br>0.00   | 4.94<br>-0.19<br>0.00   | 4.74<br>-0.18<br>0.00   | 6.90<br>-0.28<br>0.00   | 6.49<br>-0.24<br>0.00   | 6.20<br>-0.28<br>0.00   | 7.03<br>-0.30<br>0.00   | 7.28<br>-0.30<br>0.00   | 7.58<br>-0.35<br>0.00   | 6.90<br>-0.32<br>0.00   | 7.58<br>-0.34<br>0.00   | 7.56<br>-0.38<br>0.00   | 7.58<br>-0.37<br>0.00   | 7.62<br>-0.29<br>0.00   | 7.62<br>-0.30<br>0.00   | 7.62<br>-0.30<br>0.00    | 7.62<br>-0.29<br>0.00   | 5.14<br>-0.22<br>0.00   | 4.93<br>-0.22<br>0.00   |



|                           |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAMAPO____LBMP<br>323565  | 53.70<br>0.39<br>-48.18 | 52.10<br>0.37<br>-46.59 | 50.69<br>0.29<br>-46.34 | 50.13<br>0.28<br>-45.79 | 50.15<br>0.29<br>-45.80 | 50.81<br>0.37<br>-45.29 | 52.63<br>0.38<br>-47.11 | 54.52<br>0.36<br>-49.22 | 54.67<br>0.55<br>-46.94 | 54.55<br>0.52<br>-47.30 | 52.61<br>0.51<br>-45.62 | 53.49<br>0.58<br>-45.58 | 51.83<br>0.61<br>-43.63 | 50.34<br>0.66<br>-41.75 | 50.17<br>0.61<br>-42.34 | 50.35<br>0.66<br>-41.77 | 52.38<br>0.69<br>-43.75 | 56.53<br>0.69<br>-47.89 | 63.05<br>0.68<br>-54.46 | 68.46<br>0.70<br>-59.84 | 71.30<br>0.70<br>-62.67 | 60.87<br>0.69<br>-52.27 | 53.03<br>0.46<br>-47.21 | 52.15<br>0.42<br>-46.59 |
| RANKINE____<br>23646      | 16.07<br>0.18<br>-10.75 | 15.76<br>0.22<br>-10.40 | 14.55<br>0.15<br>-10.34 | 14.42<br>0.15<br>-10.22 | 14.47<br>0.19<br>-10.22 | 15.50<br>0.24<br>-10.11 | 15.83<br>0.19<br>-10.52 | 16.07<br>0.15<br>-10.99 | 17.85<br>0.18<br>-10.49 | 17.47<br>0.16<br>-10.57 | 16.82<br>0.14<br>-10.20 | 17.64<br>0.12<br>-10.19 | 17.42<br>0.08<br>-9.75  | 17.41<br>0.14<br>-9.33  | 16.76<br>0.09<br>-9.45  | 17.35<br>0.10<br>-9.32  | 17.82<br>0.12<br>-9.77  | 18.79<br>0.15<br>-10.69 | 20.19<br>0.14<br>-12.13 | 21.49<br>0.24<br>-13.33 | 22.10<br>0.21<br>-13.97 | 19.76<br>0.20<br>-11.65 | 16.05<br>0.18<br>-10.52 | 15.78<br>0.26<br>-10.38 |
| RAVENSWOOD_GT2_1<br>24244 | 55.18<br>0.44<br>-49.61 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.79<br>0.78<br>-65.08 | 62.97<br>0.78<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.39 |
| RAVENSWOOD_GT2_2<br>24245 | 55.18<br>0.44<br>-49.61 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.79<br>0.78<br>-65.08 | 62.97<br>0.78<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.39 |
| RAVENSWOOD_GT2_3<br>24246 | 55.19<br>0.45<br>-49.61 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.02<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.02<br>0.59<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.91<br>0.65<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.67<br>0.74<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.79<br>0.78<br>-65.08 | 62.97<br>0.78<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.39 |
| RAVENSWOOD_GT2_4<br>24247 | 55.19<br>0.45<br>-49.61 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.02<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.02<br>0.59<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.91<br>0.65<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.67<br>0.74<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.79<br>0.78<br>-65.08 | 62.97<br>0.78<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.39 |
| RAVENSWOOD_GT3_1<br>24248 | 55.18<br>0.44<br>-49.61 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.79<br>0.78<br>-65.08 | 62.97<br>0.78<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.39 |
| RAVENSWOOD_GT3_2<br>24249 | 55.18<br>0.44<br>-49.61 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.79<br>0.78<br>-65.08 | 62.97<br>0.78<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.39 |
| RAVENSWOOD_GT3_3<br>24250 | 55.19<br>0.45<br>-49.61 | 53.53<br>0.42<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.02<br>0.41<br>-50.68 | 56.14<br>0.63<br>-48.33 | 56.02<br>0.59<br>-48.69 | 54.02<br>0.58<br>-46.97 | 54.91<br>0.66<br>-46.93 | 53.20<br>0.70<br>-44.91 | 51.66<br>0.75<br>-42.98 | 51.51<br>0.69<br>-43.59 | 51.67<br>0.74<br>-43.01 | 53.76<br>0.78<br>-45.04 | 58.03<br>0.78<br>-49.30 | 65.24<br>0.78<br>-56.55 | 70.85<br>0.79<br>-62.14 | 73.80<br>0.79<br>-65.08 | 62.98<br>0.79<br>-54.28 | 54.91<br>0.52<br>-49.03 | 54.02<br>0.49<br>-48.39 |
| RAVENSWOOD_GT3_4<br>24251 | 55.19<br>0.45<br>-49.61 | 53.53<br>0.42<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.02<br>0.41<br>-50.68 | 56.14<br>0.63<br>-48.33 | 56.02<br>0.59<br>-48.69 | 54.02<br>0.58<br>-46.97 | 54.91<br>0.66<br>-46.93 | 53.20<br>0.70<br>-44.91 | 51.66<br>0.75<br>-42.98 | 51.51<br>0.69<br>-43.59 | 51.67<br>0.74<br>-43.01 | 53.76<br>0.78<br>-45.04 | 58.03<br>0.78<br>-49.30 | 65.24<br>0.78<br>-56.55 | 70.85<br>0.79<br>-62.14 | 73.80<br>0.79<br>-65.08 | 62.98<br>0.79<br>-54.28 | 54.91<br>0.52<br>-49.03 | 54.02<br>0.49<br>-48.39 |
| RAVENSWOOD_GT_1<br>23729  | 55.20<br>0.46<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.91<br>0.65<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.76<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.25<br>0.78<br>-56.55 | 70.86<br>0.80<br>-62.14 | 73.81<br>0.80<br>-65.08 | 62.99<br>0.80<br>-54.28 | 54.91<br>0.53<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| RAVENSWOOD_GT_10<br>24258 | 55.18<br>0.44<br>-49.61 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.79<br>0.78<br>-65.08 | 62.97<br>0.78<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.39 |
| RAVENSWOOD_GT_11<br>24259 | 55.18<br>0.44<br>-49.61 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.79<br>0.78<br>-65.08 | 62.97<br>0.78<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.39 |
| RAVENSWOOD_GT_4<br>24252  | 55.18<br>0.44<br>-49.61 | 53.52<br>0.41<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.76<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.78<br>0.78<br>-65.08 | 62.96<br>0.77<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.00<br>0.47<br>-48.39 |
| RAVENSWOOD_GT_5<br>24254  | 55.18<br>0.44<br>-49.61 | 53.52<br>0.41<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.76<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.78<br>0.78<br>-65.08 | 62.96<br>0.77<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.00<br>0.47<br>-48.39 |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD_GT_6<br>24253                | 55.18<br>0.44<br>-49.61 | 53.52<br>0.41<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.76<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.78<br>0.78<br>-65.08 | 62.96<br>0.77<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.00<br>0.47<br>-48.39 |
| RAVENSWOOD_GT_7<br>24255                | 55.18<br>0.44<br>-49.61 | 53.52<br>0.41<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.76<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.78<br>0.78<br>-65.08 | 62.96<br>0.77<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.00<br>0.47<br>-48.39 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11)<br>24256 | 55.18<br>0.44<br>-49.61 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.79<br>0.78<br>-65.08 | 62.97<br>0.78<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.39 |
| RAVENSWOOD_GT_9<br>24257                | 55.18<br>0.44<br>-49.61 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.18<br>0.68<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.79<br>0.78<br>-65.08 | 62.97<br>0.78<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.39 |
| RAVENSWOOD___1<br>23533                 | 55.20<br>0.46<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.91<br>0.65<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.76<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.25<br>0.78<br>-56.55 | 70.86<br>0.80<br>-62.14 | 73.81<br>0.80<br>-65.08 | 62.99<br>0.80<br>-54.28 | 54.91<br>0.53<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| RAVENSWOOD___2<br>23534                 | 55.20<br>0.46<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.91<br>0.65<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.76<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.25<br>0.78<br>-56.55 | 70.86<br>0.80<br>-62.14 | 73.81<br>0.80<br>-65.08 | 62.99<br>0.80<br>-54.28 | 54.91<br>0.53<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| RAVENSWOOD___3<br>23535                 | 55.18<br>0.44<br>-49.61 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.71 | 51.52<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.15 | 52.19<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.90<br>0.64<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.49<br>0.68<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.01<br>0.76<br>-49.30 | 65.23<br>0.77<br>-56.55 | 70.84<br>0.78<br>-62.14 | 73.79<br>0.78<br>-65.08 | 62.97<br>0.78<br>-54.28 | 54.90<br>0.51<br>-49.03 | 54.01<br>0.48<br>-48.39 |
| RAVENSWOOD___4<br>23820                 | 55.20<br>0.46<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.91<br>0.65<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.76<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.25<br>0.78<br>-56.55 | 70.86<br>0.80<br>-62.14 | 73.81<br>0.80<br>-65.08 | 62.99<br>0.80<br>-54.28 | 54.91<br>0.53<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| RCPL_TRUST___DRP<br>24196               | 55.18<br>0.44<br>-49.60 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.70 | 51.51<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.14 | 52.18<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.13<br>0.63<br>-48.32 | 56.01<br>0.59<br>-48.69 | 54.02<br>0.58<br>-46.96 | 54.90<br>0.65<br>-46.92 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.75<br>-42.98 | 51.49<br>0.69<br>-43.59 | 51.66<br>0.74<br>-43.00 | 53.75<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.23<br>0.77<br>-56.54 | 70.84<br>0.78<br>-62.13 | 73.78<br>0.78<br>-65.07 | 62.96<br>0.78<br>-54.27 | 54.90<br>0.51<br>-49.02 | 54.00<br>0.48<br>-48.38 |
| RED___ROCHESTER<br>323720               | 13.27<br>0.08<br>-8.05  | 13.03<br>0.10<br>-7.78  | 11.86<br>0.05<br>-7.74  | 11.77<br>0.06<br>-7.65  | 11.80<br>0.09<br>-7.65  | 12.83<br>0.11<br>-7.57  | 13.08<br>0.08<br>-7.87  | 13.23<br>0.07<br>-8.22  | 15.11<br>0.09<br>-7.84  | 14.70<br>0.06<br>-7.90  | 14.17<br>0.07<br>-7.62  | 15.01<br>0.07<br>-7.62  | 14.93<br>0.05<br>-7.29  | 14.99<br>0.09<br>-6.98  | 14.34<br>0.04<br>-7.07  | 14.96<br>0.06<br>-6.98  | 15.34<br>0.09<br>-7.31  | 16.07<br>0.12<br>-8.00  | 17.13<br>0.08<br>-9.14  | 18.08<br>0.12<br>-10.04 | 18.55<br>0.11<br>-10.51 | 16.80<br>0.12<br>-8.77  | 13.39<br>0.11<br>-7.92  | 13.12<br>0.15<br>-7.82  |
| RENSSELAER___COGEN<br>23796             | 70.21<br>0.29<br>-64.79 | 68.06<br>0.28<br>-62.64 | 66.60<br>0.23<br>-62.31 | 65.85<br>0.22<br>-61.57 | 65.87<br>0.22<br>-61.58 | 66.32<br>0.28<br>-60.89 | 68.76<br>0.28<br>-63.35 | 71.39<br>0.28<br>-66.19 | 70.72<br>0.42<br>-63.12 | 70.74<br>0.40<br>-63.60 | 68.22<br>0.40<br>-61.35 | 69.07<br>0.45<br>-61.29 | 66.70<br>0.46<br>-58.66 | 64.54<br>0.47<br>-56.14 | 64.57<br>0.41<br>-56.93 | 64.55<br>0.46<br>-56.17 | 67.25<br>0.48<br>-58.83 | 72.83<br>0.49<br>-64.39 | 81.24<br>0.47<br>-72.86 | 88.46<br>0.48<br>-80.06 | 92.26<br>0.48<br>-83.85 | 78.31<br>0.47<br>-69.93 | 68.85<br>0.32<br>-63.17 | 67.77<br>0.29<br>-62.34 |
| REVERE_CPPR_DRP<br>24186                | 7.84<br>0.08<br>-2.63   | 7.76<br>0.08<br>-2.54   | 6.65<br>0.06<br>-2.53   | 6.61<br>0.05<br>-2.50   | 6.62<br>0.06<br>-2.50   | 7.70<br>0.08<br>-2.47   | 7.77<br>0.08<br>-2.57   | 7.71<br>0.10<br>-2.68   | 9.90<br>0.16<br>-2.56   | 9.47<br>0.16<br>-2.58   | 9.08<br>0.12<br>-2.49   | 9.95<br>0.14<br>-2.48   | 10.10<br>0.14<br>-2.38  | 10.33<br>0.13<br>-2.28  | 9.63<br>0.10<br>-2.31   | 10.30<br>0.10<br>-2.28  | 10.44<br>0.12<br>-2.38  | 10.72<br>0.16<br>-2.61  | 12.09<br>0.17<br>-4.00  | 12.51<br>0.19<br>-4.40  | 12.72<br>0.19<br>-4.61  | 11.95<br>0.19<br>-3.84  | 8.94<br>0.11<br>-3.47   | 8.68<br>0.11<br>-3.43   |
| RIVERBAY____<br>323610                  | 55.21<br>0.47<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.13<br>0.36<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.16<br>0.39<br>-46.62 | 54.02<br>0.40<br>-48.50 | 55.98<br>0.38<br>-50.67 | 56.08<br>0.59<br>-48.32 | 55.96<br>0.54<br>-48.69 | 53.96<br>0.52<br>-46.96 | 54.85<br>0.61<br>-46.92 | 53.14<br>0.64<br>-44.91 | 51.60<br>0.70<br>-42.97 | 51.45<br>0.64<br>-43.58 | 51.61<br>0.69<br>-43.00 | 53.71<br>0.74<br>-45.03 | 57.97<br>0.73<br>-49.29 | 65.19<br>0.74<br>-56.54 | 70.80<br>0.74<br>-62.13 | 73.75<br>0.75<br>-65.08 | 62.93<br>0.75<br>-54.27 | 54.86<br>0.48<br>-49.02 | 54.02<br>0.49<br>-48.39 |
| ROARING___BROOK_WT_PWR<br>323790        | 2.91<br>-0.07<br>2.15   | 2.99<br>-0.08<br>2.08   | 1.93<br>-0.07<br>2.07   | 1.95<br>-0.07<br>2.04   | 1.95<br>-0.07<br>2.04   | 3.04<br>-0.09<br>2.02   | 2.94<br>-0.09<br>2.10   | 2.64<br>-0.09<br>2.20   | 4.94<br>-0.14<br>2.09   | 4.51<br>-0.11<br>2.11   | 4.33<br>-0.11<br>2.04   | 5.17<br>-0.12<br>2.03   | 5.53<br>-0.11<br>1.95   | 5.96<br>-0.10<br>1.86   | 5.25<br>-0.09<br>1.89   | 5.97<br>-0.09<br>1.86   | 5.90<br>-0.09<br>1.95   | 5.72<br>-0.09<br>2.14   | 7.83<br>-0.09<br>0.00   | 7.80<br>-0.13<br>0.00   | 7.76<br>-0.17<br>0.00   | 7.72<br>-0.20<br>0.00   | 5.21<br>-0.14<br>0.00   | 4.99<br>-0.15<br>0.00   |
| ROCHESTER_9_IC<br>23652                 | 13.25<br>0.06<br>-8.05  | 13.01<br>0.08<br>-7.78  | 11.84<br>0.04<br>-7.74  | 11.75<br>0.04<br>-7.65  | 11.79<br>0.07<br>-7.65  | 12.81<br>0.09<br>-7.57  | 13.06<br>0.06<br>-7.87  | 13.21<br>0.05<br>-8.22  | 15.07<br>0.05<br>-7.84  | 14.67<br>0.03<br>-7.90  | 14.14<br>0.04<br>-7.62  | 14.97<br>0.03<br>-7.62  | 14.89<br>0.02<br>-7.29  | 14.95<br>0.05<br>-6.98  | 14.30<br>0.01<br>-7.07  | 14.93<br>0.02<br>-6.98  | 15.30<br>0.05<br>-7.31  | 16.03<br>0.08<br>-8.00  | 17.09<br>0.04<br>-9.14  | 18.04<br>0.08<br>-10.04 | 18.51<br>0.07<br>-10.51 | 16.76<br>0.08<br>-8.77  | 13.36<br>0.08<br>-7.92  | 13.09<br>0.13<br>-7.82  |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| ROSETON___1<br>23587                   | 55.33<br>0.35<br>-49.85 | 53.68<br>0.34<br>-48.20 | 52.27<br>0.27<br>-47.94 | 51.69<br>0.26<br>-47.37 | 51.71<br>0.27<br>-47.38 | 52.34<br>0.34<br>-46.85 | 54.22<br>0.35<br>-48.74 | 56.19<br>0.34<br>-50.92 | 56.26<br>0.52<br>-48.56 | 56.15<br>0.49<br>-48.93 | 54.15<br>0.47<br>-47.20 | 55.02<br>0.53<br>-47.16 | 53.29<br>0.57<br>-45.13 | 51.73<br>0.60<br>-43.19 | 51.58<br>0.56<br>-43.80 | 51.74<br>0.60<br>-43.22 | 53.83<br>0.64<br>-45.26 | 58.12<br>0.63<br>-49.54 | 65.54<br>0.62<br>-57.00 | 71.19<br>0.63<br>-62.63 | 74.16<br>0.63<br>-65.60  | 63.25<br>0.63<br>-54.71 | 55.20<br>0.42<br>-49.42 | 54.30<br>0.38<br>-48.77 |
| ROSETON___2<br>23588                   | 55.33<br>0.35<br>-49.85 | 53.68<br>0.34<br>-48.20 | 52.27<br>0.27<br>-47.94 | 51.69<br>0.26<br>-47.37 | 51.71<br>0.27<br>-47.38 | 52.34<br>0.34<br>-46.85 | 54.22<br>0.35<br>-48.74 | 56.19<br>0.34<br>-50.92 | 56.26<br>0.52<br>-48.56 | 56.15<br>0.49<br>-48.93 | 54.15<br>0.47<br>-47.20 | 55.02<br>0.53<br>-47.16 | 53.29<br>0.57<br>-45.13 | 51.73<br>0.60<br>-43.19 | 51.58<br>0.56<br>-43.80 | 51.74<br>0.60<br>-43.22 | 53.83<br>0.64<br>-45.26 | 58.12<br>0.63<br>-49.54 | 65.54<br>0.62<br>-57.00 | 71.19<br>0.63<br>-62.63 | 74.16<br>0.63<br>-65.60  | 63.25<br>0.63<br>-54.71 | 55.20<br>0.42<br>-49.42 | 54.30<br>0.38<br>-48.77 |
| RUSSELL___1<br>23602                   | 13.27<br>0.08<br>-8.05  | 13.03<br>0.10<br>-7.78  | 11.86<br>0.05<br>-7.74  | 11.77<br>0.06<br>-7.65  | 11.80<br>0.09<br>-7.65  | 12.83<br>0.11<br>-7.57  | 13.08<br>0.08<br>-7.87  | 13.23<br>0.07<br>-8.22  | 15.11<br>0.09<br>-7.84  | 14.70<br>0.06<br>-7.90  | 14.17<br>0.07<br>-7.62  | 15.01<br>0.07<br>-7.62  | 14.93<br>0.05<br>-7.29  | 14.99<br>0.09<br>-6.98  | 14.34<br>0.04<br>-7.07  | 14.96<br>0.06<br>-6.98  | 15.34<br>0.09<br>-7.31  | 16.07<br>0.12<br>-8.00  | 17.13<br>0.08<br>-9.14  | 18.08<br>0.12<br>-10.04 | 18.55<br>0.11<br>-10.51  | 16.80<br>0.12<br>-8.77  | 13.39<br>0.11<br>-7.92  | 13.12<br>0.15<br>-7.82  |
| RUSSELL___2<br>23532                   | 13.27<br>0.08<br>-8.05  | 13.03<br>0.10<br>-7.78  | 11.86<br>0.05<br>-7.74  | 11.77<br>0.06<br>-7.65  | 11.80<br>0.09<br>-7.65  | 12.83<br>0.11<br>-7.57  | 13.08<br>0.08<br>-7.87  | 13.23<br>0.07<br>-8.22  | 15.11<br>0.09<br>-7.84  | 14.70<br>0.06<br>-7.90  | 14.17<br>0.07<br>-7.62  | 15.01<br>0.07<br>-7.62  | 14.93<br>0.05<br>-7.29  | 14.99<br>0.09<br>-6.98  | 14.34<br>0.04<br>-7.07  | 14.96<br>0.06<br>-6.98  | 15.34<br>0.09<br>-7.31  | 16.07<br>0.12<br>-8.00  | 17.13<br>0.08<br>-9.14  | 18.08<br>0.12<br>-10.04 | 18.55<br>0.11<br>-10.51  | 16.80<br>0.12<br>-8.77  | 13.39<br>0.11<br>-7.92  | 13.12<br>0.15<br>-7.82  |
| RUSSELL___3<br>23549                   | 13.27<br>0.08<br>-8.05  | 13.03<br>0.10<br>-7.78  | 11.86<br>0.05<br>-7.74  | 11.77<br>0.06<br>-7.65  | 11.80<br>0.09<br>-7.65  | 12.83<br>0.11<br>-7.57  | 13.08<br>0.08<br>-7.87  | 13.23<br>0.07<br>-8.22  | 15.11<br>0.09<br>-7.84  | 14.70<br>0.06<br>-7.90  | 14.17<br>0.07<br>-7.62  | 15.01<br>0.07<br>-7.62  | 14.93<br>0.05<br>-7.29  | 14.99<br>0.09<br>-6.98  | 14.34<br>0.04<br>-7.07  | 14.96<br>0.06<br>-6.98  | 15.34<br>0.09<br>-7.31  | 16.07<br>0.12<br>-8.00  | 17.13<br>0.08<br>-9.14  | 18.08<br>0.12<br>-10.04 | 18.55<br>0.11<br>-10.51  | 16.80<br>0.12<br>-8.77  | 13.39<br>0.11<br>-7.92  | 13.12<br>0.15<br>-7.82  |
| RUSSELL___4<br>23556                   | 13.27<br>0.08<br>-8.05  | 13.03<br>0.10<br>-7.78  | 11.86<br>0.05<br>-7.74  | 11.77<br>0.06<br>-7.65  | 11.80<br>0.09<br>-7.65  | 12.83<br>0.11<br>-7.57  | 13.08<br>0.08<br>-7.87  | 13.23<br>0.07<br>-8.22  | 15.11<br>0.09<br>-7.84  | 14.70<br>0.06<br>-7.90  | 14.17<br>0.07<br>-7.62  | 15.01<br>0.07<br>-7.62  | 14.93<br>0.05<br>-7.29  | 14.99<br>0.09<br>-6.98  | 14.34<br>0.04<br>-7.07  | 14.96<br>0.06<br>-6.98  | 15.34<br>0.09<br>-7.31  | 16.07<br>0.12<br>-8.00  | 17.13<br>0.08<br>-9.14  | 18.08<br>0.12<br>-10.04 | 18.55<br>0.11<br>-10.51  | 16.80<br>0.12<br>-8.77  | 13.39<br>0.11<br>-7.92  | 13.12<br>0.15<br>-7.82  |
| RUSSELL___STATION<br>23914             | 13.27<br>0.08<br>-8.05  | 13.03<br>0.10<br>-7.78  | 11.86<br>0.05<br>-7.74  | 11.77<br>0.06<br>-7.65  | 11.80<br>0.09<br>-7.65  | 12.83<br>0.11<br>-7.57  | 13.08<br>0.08<br>-7.87  | 13.23<br>0.07<br>-8.22  | 15.11<br>0.09<br>-7.84  | 14.70<br>0.06<br>-7.90  | 14.17<br>0.07<br>-7.62  | 15.01<br>0.07<br>-7.62  | 14.93<br>0.05<br>-7.29  | 14.99<br>0.09<br>-6.98  | 14.34<br>0.04<br>-7.07  | 14.96<br>0.06<br>-6.98  | 15.34<br>0.09<br>-7.31  | 16.07<br>0.12<br>-8.00  | 17.13<br>0.08<br>-9.14  | 18.08<br>0.12<br>-10.04 | 18.55<br>0.11<br>-10.51  | 16.80<br>0.12<br>-8.77  | 13.39<br>0.11<br>-7.92  | 13.12<br>0.15<br>-7.82  |
| S SALMON___HYD<br>24043                | 9.73<br>-0.08<br>-4.67  | 9.59<br>-0.07<br>-4.52  | 8.48<br>-0.07<br>-4.49  | 8.43<br>-0.07<br>-4.44  | 8.45<br>-0.06<br>-4.44  | 9.47<br>-0.07<br>-4.39  | 9.60<br>-0.10<br>-4.57  | 9.63<br>-0.07<br>-4.77  | 11.62<br>-0.11<br>-4.55 | 11.21<br>-0.11<br>-4.59 | 10.78<br>-0.12<br>-4.42 | 11.60<br>-0.15<br>-4.42 | 11.66<br>-0.15<br>-4.23 | 11.83<br>-0.15<br>-4.05 | 11.17<br>-0.16<br>-4.11 | 11.80<br>-0.17<br>-4.05 | 12.02<br>-0.16<br>-4.24 | 12.47<br>-0.12<br>-4.64 | 13.39<br>-0.11<br>-5.59 | 13.97<br>-0.09<br>-6.14 | 14.26<br>-0.09<br>-6.43  | 13.18<br>-0.09<br>-5.36 | 10.13<br>-0.07<br>-4.84 | 9.87<br>-0.06<br>-4.78  |
| SAWYER_23_KV_LOAD_REV_LBMP_A<br>345024 | 15.65<br>0.12<br>-10.40 | 15.35<br>0.16<br>-10.05 | 14.16<br>0.10<br>-10.00 | 14.03<br>0.10<br>-9.88  | 14.08<br>0.14<br>-9.88  | 15.09<br>0.18<br>-9.77  | 15.42<br>0.12<br>-10.16 | 15.64<br>0.09<br>-10.62 | 17.39<br>0.08<br>-10.13 | 17.00<br>0.06<br>-10.21 | 16.38<br>0.06<br>-9.85  | 17.19<br>0.03<br>-9.84  | 16.99<br>-0.02<br>-9.41 | 16.98<br>0.04<br>-9.01  | 16.35<br>-0.01<br>-9.13 | 16.93<br>0.00<br>-9.01  | 17.39<br>0.01<br>-9.44  | 18.32<br>0.04<br>-10.33 | 19.67<br>0.02<br>-11.74 | 20.93<br>0.11<br>-12.89 | 21.52<br>0.09<br>-13.51  | 19.26<br>0.08<br>-11.26 | 15.64<br>0.11<br>-10.17 | 15.38<br>0.20<br>-10.04 |
| SELKIRK___I<br>23801                   | 68.47<br>0.27<br>-63.06 | 66.39<br>0.27<br>-60.97 | 64.93<br>0.22<br>-60.65 | 64.20<br>0.21<br>-59.93 | 64.22<br>0.22<br>-59.94 | 64.69<br>0.27<br>-59.27 | 67.06<br>0.27<br>-61.66 | 69.61<br>0.26<br>-64.42 | 69.00<br>0.39<br>-61.43 | 69.00<br>0.36<br>-61.90 | 66.54<br>0.35<br>-59.71 | 67.37<br>0.39<br>-59.66 | 65.09<br>0.40<br>-57.10 | 63.00<br>0.43<br>-54.64 | 63.02<br>0.38<br>-55.41 | 63.01<br>0.42<br>-54.67 | 65.62<br>0.42<br>-57.26 | 71.04<br>0.42<br>-62.68 | 81.63<br>0.40<br>-73.32 | 88.89<br>0.40<br>-80.56 | 92.71<br>0.40<br>-84.38  | 78.69<br>0.41<br>-70.37 | 69.20<br>0.28<br>-63.57 | 68.13<br>0.26<br>-62.73 |
| SELKIRK___II<br>23799                  | 68.66<br>0.27<br>-63.26 | 66.57<br>0.26<br>-61.16 | 65.11<br>0.22<br>-60.84 | 64.38<br>0.21<br>-60.11 | 64.40<br>0.21<br>-60.12 | 64.87<br>0.26<br>-59.45 | 67.24<br>0.26<br>-61.85 | 69.80<br>0.26<br>-64.62 | 69.19<br>0.39<br>-61.62 | 69.20<br>0.37<br>-62.09 | 66.73<br>0.36<br>-59.89 | 67.57<br>0.40<br>-59.84 | 65.27<br>0.41<br>-57.27 | 63.17<br>0.43<br>-54.81 | 63.20<br>0.39<br>-55.59 | 63.19<br>0.43<br>-54.84 | 65.82<br>0.44<br>-57.43 | 71.27<br>0.45<br>-62.87 | 80.98<br>0.43<br>-72.63 | 88.17<br>0.44<br>-79.81 | 91.95<br>0.44<br>-83.59  | 78.05<br>0.43<br>-69.71 | 68.63<br>0.29<br>-62.97 | 67.56<br>0.27<br>-62.15 |
| SENECA OSWGO___HYD<br>24041            | 10.45<br>-0.06<br>-5.38 | 10.29<br>-0.06<br>-5.20 | 9.18<br>-0.05<br>-5.17  | 9.11<br>-0.05<br>-5.11  | 9.13<br>-0.04<br>-5.11  | 10.15<br>-0.05<br>-5.05 | 10.32<br>-0.07<br>-5.26 | 10.37<br>-0.05<br>-5.49 | 12.34<br>-0.08<br>-5.24 | 11.93<br>-0.08<br>-5.28 | 11.49<br>-0.07<br>-5.09 | 12.33<br>-0.08<br>-5.09 | 12.36<br>-0.09<br>-4.87 | 12.51<br>-0.08<br>-4.66 | 11.86<br>-0.09<br>-4.72 | 12.49<br>-0.09<br>-4.66 | 12.74<br>-0.08<br>-4.88 | 13.22<br>-0.07<br>-5.34 | 14.08<br>-0.07<br>-6.23 | 14.72<br>-0.06<br>-6.85 | 15.03<br>-0.06<br>-7.17  | 13.83<br>-0.06<br>-5.98 | 10.72<br>-0.04<br>-5.40 | 10.44<br>-0.04<br>-5.33 |
| SENECA___ENERGY<br>23797               | 13.90<br>0.06<br>-8.70  | 13.62<br>0.06<br>-8.41  | 12.46<br>0.04<br>-8.37  | 12.37<br>0.04<br>-8.27  | 12.39<br>0.05<br>-8.27  | 13.40<br>0.07<br>-8.18  | 13.70<br>0.06<br>-8.51  | 13.88<br>0.07<br>-8.89  | 15.74<br>0.09<br>-8.48  | 15.35<br>0.07<br>-8.54  | 14.78<br>0.07<br>-8.24  | 15.63<br>0.07<br>-8.23  | 15.52<br>0.06<br>-7.88  | 15.56<br>0.09<br>-7.54  | 14.92<br>0.05<br>-7.65  | 15.53<br>0.06<br>-7.54  | 15.93<br>0.09<br>-7.90  | 16.72<br>0.13<br>-8.65  | 17.91<br>0.12<br>-9.88  | 18.93<br>0.15<br>-10.85 | 19.44<br>0.15<br>-11.37  | 17.54<br>0.14<br>-9.48  | 14.02<br>0.10<br>-8.56  | 13.70<br>0.10<br>-8.45  |
| SHOEMAKER___GT<br>23640                | 51.84<br>0.34<br>-46.36 | 50.30<br>0.33<br>-44.83 | 48.90<br>0.25<br>-44.59 | 48.37<br>0.26<br>-44.06 | 48.39<br>0.26<br>-44.07 | 49.06<br>0.33<br>-43.57 | 50.80<br>0.34<br>-45.33 | 52.61<br>0.32<br>-47.36 | 52.82<br>0.47<br>-45.17 | 52.69<br>0.44<br>-45.51 | 50.81<br>0.43<br>-43.90 | 51.68<br>0.49<br>-43.86 | 50.08<br>0.52<br>-41.98 | 48.66<br>0.55<br>-40.17 | 48.48<br>0.52<br>-40.74 | 48.68<br>0.56<br>-40.19 | 50.63<br>0.60<br>-42.10 | 54.62<br>0.60<br>-46.08 | 60.25<br>0.58<br>-51.76 | 65.39<br>0.59<br>-56.87 | 68.09<br>0.59<br>-59.57  | 58.18<br>0.59<br>-49.68 | 50.62<br>0.39<br>-44.88 | 49.79<br>0.36<br>-44.29 |
| SHOREHAM_IC_1<br>23715                 | 72.63<br>0.59<br>-66.91 | 60.55<br>0.55<br>-54.86 | 55.43<br>0.43<br>-50.94 | 53.55<br>0.43<br>-49.06 | 54.34<br>0.44<br>-49.84 | 58.09<br>0.57<br>-52.38 | 55.35<br>0.60<br>-49.61 | 56.11<br>0.50<br>-50.68 | 56.26<br>0.75<br>-48.33 | 56.64<br>0.70<br>-49.20 | 58.01<br>0.63<br>-50.90 | 63.88<br>0.71<br>-55.84 | 55.99<br>0.75<br>-47.65 | 55.99<br>0.81<br>-47.25 | 56.01<br>0.74<br>-48.05 | 60.08<br>0.80<br>-51.36 | 74.91<br>0.87<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.13<br>0.89<br>-70.32 | 85.50<br>0.93<br>-76.64 | 104.09<br>0.93<br>-95.25 | 80.50<br>0.91<br>-71.68 | 74.95<br>0.64<br>-68.96 | 65.64<br>0.59<br>-59.91 |

|                             |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| SHOREHAM_IC_2<br>23716      | 72.63<br>0.59<br>-66.91 | 60.55<br>0.55<br>-54.86 | 55.43<br>0.43<br>-50.94 | 53.55<br>0.43<br>-49.06 | 54.34<br>0.44<br>-49.84 | 58.09<br>0.57<br>-52.38 | 55.35<br>0.60<br>-49.61 | 56.11<br>0.50<br>-50.68 | 56.26<br>0.75<br>-48.33 | 56.64<br>0.70<br>-49.20 | 58.01<br>0.63<br>-50.90 | 63.88<br>0.71<br>-55.84 | 55.99<br>0.75<br>-47.65 | 55.99<br>0.81<br>-47.25 | 56.01<br>0.74<br>-48.05 | 60.08<br>0.80<br>-51.36 | 74.91<br>0.87<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.13<br>0.89<br>-70.32 | 85.50<br>0.93<br>-76.64 | 104.09<br>0.93<br>-95.25 | 80.50<br>0.91<br>-71.68 | 74.95<br>0.64<br>-68.96 | 65.64<br>0.59<br>-59.91 |
| SISSONVILLE____<br>23735    | 4.84<br>-0.29<br>0.00   | 4.84<br>-0.30<br>0.00   | 3.84<br>-0.22<br>0.00   | 3.84<br>-0.22<br>0.00   | 3.83<br>-0.24<br>0.00   | 4.85<br>-0.30<br>0.00   | 4.86<br>-0.27<br>0.00   | 4.67<br>-0.26<br>0.00   | 6.78<br>-0.39<br>0.00   | 6.37<br>-0.36<br>0.00   | 6.09<br>-0.38<br>0.00   | 6.91<br>-0.42<br>0.00   | 7.16<br>-0.42<br>0.00   | 7.46<br>-0.48<br>0.00   | 6.80<br>-0.43<br>0.00   | 7.46<br>-0.46<br>0.00   | 7.45<br>-0.49<br>0.00   | 7.46<br>-0.49<br>0.00   | 7.50<br>-0.41<br>0.00   | 7.49<br>-0.43<br>0.00   | 7.50<br>-0.42<br>0.00    | 7.49<br>-0.42<br>0.00   | 5.05<br>-0.31<br>0.00   | 4.85<br>-0.30<br>0.00   |
| SITHE_IND_GS1<br>24169      | 9.34<br>-0.09<br>-4.30  | 9.21<br>-0.09<br>-4.15  | 8.12<br>-0.08<br>-4.13  | 8.06<br>-0.08<br>-4.08  | 8.08<br>-0.07<br>-4.08  | 9.10<br>-0.09<br>-4.04  | 9.23<br>-0.10<br>-4.20  | 9.23<br>-0.09<br>-4.39  | 11.23<br>-0.13<br>-4.18 | 10.83<br>-0.13<br>-4.22 | 10.43<br>-0.12<br>-4.07 | 11.25<br>-0.14<br>-4.06 | 11.33<br>-0.14<br>-3.89 | 11.51<br>-0.14<br>-3.72 | 10.86<br>-0.14<br>-3.77 | 11.50<br>-0.15<br>-3.72 | 11.70<br>-0.14<br>-3.90 | 12.09<br>-0.13<br>-4.27 | 12.72<br>-0.14<br>-4.95 | 13.22<br>-0.13<br>-5.44 | 13.48<br>-0.13<br>-5.70  | 12.53<br>-0.13<br>-4.75 | 9.56<br>-0.09<br>-4.29  | 9.30<br>-0.08<br>-4.23  |
| SITHE_IND_GS2<br>24170      | 9.34<br>-0.09<br>-4.30  | 9.21<br>-0.09<br>-4.15  | 8.12<br>-0.08<br>-4.13  | 8.06<br>-0.08<br>-4.08  | 8.08<br>-0.07<br>-4.08  | 9.10<br>-0.09<br>-4.04  | 9.23<br>-0.10<br>-4.20  | 9.23<br>-0.09<br>-4.39  | 11.23<br>-0.13<br>-4.18 | 10.83<br>-0.13<br>-4.22 | 10.43<br>-0.12<br>-4.07 | 11.25<br>-0.14<br>-4.06 | 11.33<br>-0.14<br>-3.89 | 11.51<br>-0.14<br>-3.72 | 10.86<br>-0.14<br>-3.77 | 11.50<br>-0.15<br>-3.72 | 11.70<br>-0.14<br>-3.90 | 12.09<br>-0.13<br>-4.27 | 12.72<br>-0.14<br>-4.95 | 13.22<br>-0.13<br>-5.44 | 13.48<br>-0.13<br>-5.70  | 12.53<br>-0.13<br>-4.75 | 9.56<br>-0.09<br>-4.29  | 9.30<br>-0.08<br>-4.23  |
| SITHE_IND_GS3<br>24171      | 9.34<br>-0.09<br>-4.30  | 9.21<br>-0.09<br>-4.15  | 8.12<br>-0.08<br>-4.13  | 8.06<br>-0.08<br>-4.08  | 8.08<br>-0.07<br>-4.08  | 9.10<br>-0.09<br>-4.04  | 9.23<br>-0.10<br>-4.20  | 9.23<br>-0.09<br>-4.39  | 11.23<br>-0.13<br>-4.18 | 10.83<br>-0.13<br>-4.22 | 10.43<br>-0.12<br>-4.07 | 11.25<br>-0.14<br>-4.06 | 11.33<br>-0.14<br>-3.89 | 11.51<br>-0.14<br>-3.72 | 10.86<br>-0.14<br>-3.77 | 11.50<br>-0.15<br>-3.72 | 11.70<br>-0.14<br>-3.90 | 12.09<br>-0.13<br>-4.27 | 12.72<br>-0.14<br>-4.95 | 13.22<br>-0.13<br>-5.44 | 13.48<br>-0.13<br>-5.70  | 12.53<br>-0.13<br>-4.75 | 9.56<br>-0.09<br>-4.29  | 9.30<br>-0.08<br>-4.23  |
| SITHE_IND_GS4<br>24172      | 9.34<br>-0.09<br>-4.30  | 9.21<br>-0.09<br>-4.15  | 8.12<br>-0.08<br>-4.13  | 8.06<br>-0.08<br>-4.08  | 8.08<br>-0.07<br>-4.08  | 9.10<br>-0.09<br>-4.04  | 9.23<br>-0.10<br>-4.20  | 9.23<br>-0.09<br>-4.39  | 11.23<br>-0.13<br>-4.18 | 10.83<br>-0.13<br>-4.22 | 10.43<br>-0.12<br>-4.07 | 11.25<br>-0.14<br>-4.06 | 11.33<br>-0.14<br>-3.89 | 11.51<br>-0.14<br>-3.72 | 10.86<br>-0.14<br>-3.77 | 11.50<br>-0.15<br>-3.72 | 11.70<br>-0.14<br>-3.90 | 12.09<br>-0.13<br>-4.27 | 12.72<br>-0.14<br>-4.95 | 13.22<br>-0.13<br>-5.44 | 13.48<br>-0.13<br>-5.70  | 12.53<br>-0.13<br>-4.75 | 9.56<br>-0.09<br>-4.29  | 9.30<br>-0.08<br>-4.23  |
| SITHE____BATAVIA<br>24024   | 14.58<br>0.15<br>-9.30  | 14.32<br>0.18<br>-8.99  | 13.13<br>0.12<br>-8.94  | 13.01<br>0.12<br>-8.84  | 13.06<br>0.16<br>-8.84  | 14.09<br>0.20<br>-8.74  | 14.37<br>0.15<br>-9.09  | 14.55<br>0.12<br>-9.50  | 16.38<br>0.12<br>-9.08  | 15.98<br>0.09<br>-9.15  | 15.39<br>0.09<br>-8.82  | 16.21<br>0.07<br>-8.81  | 16.05<br>0.02<br>-8.44  | 16.08<br>0.07<br>-8.07  | 15.42<br>0.02<br>-8.17  | 16.02<br>0.03<br>-8.06  | 16.46<br>0.08<br>-8.44  | 17.32<br>0.13<br>-9.24  | 18.56<br>0.13<br>-10.52 | 19.69<br>0.21<br>-11.56 | 20.21<br>0.18<br>-12.11  | 18.20<br>0.19<br>-10.10 | 14.65<br>0.17<br>-9.12  | 14.39<br>0.24<br>-9.00  |
| SITHE____INDEPEND<br>23800  | 9.34<br>-0.09<br>-4.30  | 9.21<br>-0.09<br>-4.15  | 8.12<br>-0.08<br>-4.13  | 8.06<br>-0.08<br>-4.08  | 8.08<br>-0.07<br>-4.08  | 9.10<br>-0.09<br>-4.04  | 9.23<br>-0.10<br>-4.20  | 9.23<br>-0.09<br>-4.39  | 11.23<br>-0.13<br>-4.18 | 10.83<br>-0.13<br>-4.22 | 10.43<br>-0.12<br>-4.07 | 11.25<br>-0.14<br>-4.06 | 11.33<br>-0.14<br>-3.89 | 11.51<br>-0.14<br>-3.72 | 10.86<br>-0.14<br>-3.77 | 11.50<br>-0.15<br>-3.72 | 11.70<br>-0.14<br>-3.90 | 12.09<br>-0.13<br>-4.27 | 12.72<br>-0.14<br>-4.95 | 13.22<br>-0.13<br>-5.44 | 13.48<br>-0.13<br>-5.70  | 12.53<br>-0.13<br>-4.75 | 9.56<br>-0.09<br>-4.29  | 9.30<br>-0.08<br>-4.23  |
| SITHE____MASSENA<br>23902   | 5.02<br>-0.12<br>0.00   | 5.02<br>-0.13<br>0.00   | 3.98<br>-0.09<br>0.00   | 3.98<br>-0.08<br>0.00   | 3.97<br>-0.10<br>0.00   | 5.02<br>-0.13<br>0.00   | 5.03<br>-0.10<br>0.00   | 4.82<br>-0.11<br>0.00   | 7.01<br>-0.17<br>0.00   | 6.57<br>-0.16<br>0.00   | 6.30<br>-0.17<br>0.00   | 7.14<br>-0.19<br>0.00   | 7.40<br>-0.18<br>0.00   | 7.72<br>-0.21<br>0.00   | 7.03<br>-0.19<br>0.00   | 7.72<br>-0.20<br>0.00   | 7.71<br>-0.23<br>0.00   | 7.72<br>-0.23<br>0.00   | 7.74<br>-0.17<br>0.00   | 7.73<br>-0.19<br>0.00   | 7.73<br>-0.19<br>0.00    | 7.74<br>-0.17<br>0.00   | 5.23<br>-0.13<br>0.00   | 5.02<br>-0.13<br>0.00   |
| SITHE____OGDNSBRG<br>24021  | 4.97<br>-0.16<br>0.00   | 4.97<br>-0.17<br>0.00   | 3.95<br>-0.11<br>0.00   | 3.95<br>-0.11<br>0.00   | 3.93<br>-0.13<br>0.00   | 4.98<br>-0.17<br>0.00   | 4.99<br>-0.14<br>0.00   | 4.80<br>-0.13<br>0.00   | 6.97<br>-0.21<br>0.00   | 6.55<br>-0.18<br>0.00   | 6.26<br>-0.21<br>0.00   | 7.10<br>-0.23<br>0.00   | 7.36<br>-0.23<br>0.00   | 7.67<br>-0.26<br>0.00   | 6.98<br>-0.24<br>0.00   | 7.67<br>-0.25<br>0.00   | 7.65<br>-0.29<br>0.00   | 7.67<br>-0.28<br>0.00   | 7.71<br>-0.21<br>0.00   | 7.70<br>-0.22<br>0.00   | 7.71<br>-0.21<br>0.00    | 7.71<br>-0.21<br>0.00   | 5.20<br>-0.16<br>0.00   | 4.98<br>-0.16<br>0.00   |
| SITHE____STERLING<br>23777  | 8.49<br>0.08<br>-3.28   | 8.39<br>0.08<br>-3.17   | 7.28<br>0.06<br>-3.15   | 7.23<br>0.05<br>-3.12   | 7.24<br>0.06<br>-3.12   | 8.31<br>0.08<br>-3.08   | 8.41<br>0.08<br>-3.21   | 8.37<br>0.09<br>-3.35   | 10.52<br>0.14<br>-3.20  | 10.10<br>0.14<br>-3.22  | 9.70<br>0.12<br>-3.11   | 10.56<br>0.13<br>-3.10  | 10.68<br>0.13<br>-2.97  | 10.90<br>0.13<br>-2.84  | 10.21<br>0.10<br>-2.88  | 10.88<br>0.11<br>-2.84  | 11.04<br>0.13<br>-2.98  | 11.36<br>0.15<br>-3.26  | 12.71<br>0.15<br>-4.64  | 13.20<br>0.17<br>-5.10  | 13.44<br>0.17<br>-5.34   | 12.54<br>0.17<br>-4.46  | 9.49<br>0.10<br>-4.03   | 9.22<br>0.10<br>-3.97   |
| SOUTH CAIRO____GT<br>23612  | 59.64<br>0.40<br>-54.10 | 57.84<br>0.39<br>-52.31 | 56.39<br>0.30<br>-52.03 | 55.78<br>0.30<br>-51.41 | 55.80<br>0.31<br>-51.42 | 56.39<br>0.39<br>-50.85 | 58.43<br>0.40<br>-52.90 | 60.58<br>0.38<br>-55.27 | 60.46<br>0.57<br>-52.71 | 60.39<br>0.55<br>-53.11 | 58.21<br>0.51<br>-51.23 | 59.06<br>0.55<br>-51.18 | 57.15<br>0.58<br>-48.99 | 55.41<br>0.60<br>-46.88 | 55.32<br>0.56<br>-47.54 | 55.42<br>0.59<br>-46.91 | 57.70<br>0.64<br>-49.12 | 62.39<br>0.68<br>-53.77 | 70.81<br>0.72<br>-62.18 | 76.97<br>0.73<br>-68.32 | 80.21<br>0.73<br>-71.56  | 68.30<br>0.71<br>-59.67 | 59.73<br>0.47<br>-53.91 | 58.77<br>0.43<br>-53.20 |
| SOUTH HAMPTN____IC<br>23720 | 72.71<br>0.67<br>-66.91 | 60.62<br>0.62<br>-54.86 | 55.49<br>0.49<br>-50.94 | 53.61<br>0.49<br>-49.06 | 54.40<br>0.50<br>-49.84 | 58.17<br>0.64<br>-52.38 | 55.42<br>0.68<br>-49.61 | 56.19<br>0.58<br>-50.68 | 56.37<br>0.86<br>-48.33 | 56.75<br>0.81<br>-49.20 | 58.12<br>0.74<br>-50.90 | 63.99<br>0.83<br>-55.84 | 56.11<br>0.87<br>-47.65 | 56.12<br>0.94<br>-47.25 | 56.12<br>0.85<br>-48.05 | 60.21<br>0.93<br>-51.36 | 75.04<br>0.99<br>-66.11 | 78.17<br>1.03<br>-69.20 | 79.26<br>1.03<br>-70.32 | 85.63<br>1.07<br>-76.64 | 104.24<br>1.07<br>-95.25 | 80.64<br>1.04<br>-71.68 | 75.04<br>0.73<br>-68.96 | 65.72<br>0.67<br>-59.91 |
| SOUTHOLD____IC<br>23719     | 72.78<br>0.74<br>-66.91 | 60.69<br>0.69<br>-54.86 | 55.54<br>0.54<br>-50.94 | 53.67<br>0.55<br>-49.06 | 54.46<br>0.56<br>-49.84 | 58.25<br>0.72<br>-52.38 | 55.49<br>0.75<br>-49.61 | 56.27<br>0.66<br>-50.68 | 56.49<br>0.98<br>-48.33 | 56.86<br>0.92<br>-49.20 | 58.22<br>0.84<br>-50.90 | 64.10<br>0.94<br>-55.84 | 56.21<br>0.98<br>-47.65 | 56.24<br>1.05<br>-47.25 | 56.23<br>0.96<br>-48.05 | 60.33<br>1.05<br>-51.36 | 75.17<br>1.12<br>-66.11 | 78.30<br>1.16<br>-69.20 | 79.41<br>1.17<br>-70.32 | 85.78<br>1.22<br>-76.64 | 104.39<br>1.22<br>-95.25 | 80.79<br>1.20<br>-71.68 | 75.13<br>0.81<br>-68.96 | 65.80<br>0.75<br>-59.91 |
| ST LAWRENCE____<br>23600    | 5.00<br>-0.13<br>0.00   | 5.00<br>-0.14<br>0.00   | 3.96<br>-0.10<br>0.00   | 3.96<br>-0.10<br>0.00   | 3.96<br>-0.11<br>0.00   | 5.00<br>-0.15<br>0.00   | 5.00<br>-0.13<br>0.00   | 4.80<br>-0.13<br>0.00   | 6.98<br>-0.20<br>0.00   | 6.55<br>-0.19<br>0.00   | 6.28<br>-0.19<br>0.00   | 7.11<br>-0.21<br>0.00   | 7.37<br>-0.21<br>0.00   | 7.68<br>-0.25<br>0.00   | 7.01<br>-0.21<br>0.00   | 7.69<br>-0.23<br>0.00   | 7.68<br>-0.25<br>0.00   | 7.69<br>-0.26<br>0.00   | 7.70<br>-0.21<br>0.00   | 7.69<br>-0.23<br>0.00   | 7.69<br>-0.23<br>0.00    | 7.69<br>-0.22<br>0.00   | 5.21<br>-0.15<br>0.00   | 5.00<br>-0.14<br>0.00   |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| STATION 5_MISC_HYD<br>23604              | 13.25<br>0.06<br>-8.05  | 13.01<br>0.08<br>-7.78  | 11.84<br>0.04<br>-7.74  | 11.75<br>0.04<br>-7.65  | 11.79<br>0.07<br>-7.65  | 12.81<br>0.09<br>-7.57  | 13.06<br>0.06<br>-7.87  | 13.21<br>0.05<br>-8.22  | 15.07<br>0.05<br>-7.84  | 14.67<br>0.03<br>-7.90  | 14.14<br>0.04<br>-7.62  | 14.97<br>0.03<br>-7.62  | 14.89<br>0.02<br>-7.29  | 14.95<br>0.05<br>-6.98  | 14.30<br>0.01<br>-7.07  | 14.93<br>0.02<br>-6.98  | 15.30<br>0.05<br>-7.31  | 16.03<br>0.08<br>-8.00  | 17.09<br>0.04<br>-9.14  | 18.04<br>0.08<br>-10.04 | 18.51<br>0.07<br>-10.51  | 16.76<br>0.08<br>-8.77  | 13.36<br>0.08<br>-7.92  | 13.09<br>0.13<br>-7.82  |
| STA_168_34_KV_BK1_2_REV_LBMP_B<br>345032 | 13.35<br>0.08<br>-8.14  | 13.10<br>0.09<br>-7.87  | 11.94<br>0.06<br>-7.83  | 11.85<br>0.06<br>-7.73  | 11.88<br>0.08<br>-7.73  | 12.90<br>0.10<br>-7.65  | 13.17<br>0.08<br>-7.96  | 13.32<br>0.08<br>-8.31  | 15.21<br>0.10<br>-7.93  | 14.80<br>0.08<br>-7.99  | 14.27<br>0.09<br>-7.70  | 15.11<br>0.09<br>-7.70  | 15.03<br>0.08<br>-7.37  | 15.09<br>0.11<br>-7.05  | 14.44<br>0.06<br>-7.15  | 15.06<br>0.08<br>-7.05  | 15.43<br>0.10<br>-7.39  | 16.18<br>0.14<br>-8.09  | 17.27<br>0.11<br>-9.24  | 18.22<br>0.14<br>-10.15 | 18.69<br>0.13<br>-10.63  | 16.93<br>0.14<br>-8.87  | 13.48<br>0.11<br>-8.01  | 13.18<br>0.13<br>-7.91  |
| STA_56_34_KV_BUS2_REV_LBMP_B<br>345033   | 13.15<br>0.02<br>-8.00  | 12.92<br>0.04<br>-7.73  | 11.76<br>0.01<br>-7.69  | 11.67<br>0.02<br>-7.60  | 11.71<br>0.04<br>-7.60  | 12.72<br>0.05<br>-7.52  | 12.97<br>0.02<br>-7.82  | 13.12<br>0.02<br>-8.17  | 14.98<br>0.01<br>-7.79  | 14.58<br>-0.01<br>-7.85 | 14.05<br>0.00<br>-7.57  | 14.88<br>-0.01<br>-7.57 | 14.80<br>-0.03<br>-7.24 | 14.86<br>0.00<br>-6.93  | 14.21<br>-0.04<br>-7.03 | 14.83<br>-0.02<br>-6.93 | 15.19<br>-0.01<br>-7.26 | 15.92<br>0.02<br>-7.95  | 16.99<br>-0.01<br>-9.08 | 17.92<br>0.02<br>-9.98  | 18.39<br>0.02<br>-10.45  | 16.65<br>0.02<br>-8.71  | 13.27<br>0.04<br>-7.87  | 13.00<br>0.09<br>-7.77  |
| STEEL___WIND<br>323596                   | 16.07<br>0.18<br>-10.75 | 15.77<br>0.23<br>-10.40 | 14.56<br>0.15<br>-10.34 | 14.42<br>0.15<br>-10.22 | 14.48<br>0.19<br>-10.22 | 15.50<br>0.24<br>-10.11 | 15.83<br>0.19<br>-10.52 | 16.07<br>0.16<br>-10.99 | 17.85<br>0.18<br>-10.49 | 17.47<br>0.16<br>-10.57 | 16.82<br>0.15<br>-10.20 | 17.64<br>0.12<br>-10.19 | 17.42<br>0.08<br>-9.75  | 17.41<br>0.14<br>-9.33  | 16.76<br>0.09<br>-9.45  | 17.36<br>0.11<br>-9.32  | 17.82<br>0.12<br>-9.77  | 18.80<br>0.16<br>-10.69 | 20.19<br>0.14<br>-12.13 | 21.50<br>0.25<br>-13.33 | 22.10<br>0.21<br>-13.97  | 19.77<br>0.21<br>-11.65 | 16.06<br>0.18<br>-10.52 | 15.78<br>0.26<br>-10.38 |
| STEBEN_REC_LFGE<br>323667                | 20.30<br>0.31<br>-14.86 | 19.82<br>0.31<br>-14.36 | 18.58<br>0.23<br>-14.29 | 18.41<br>0.23<br>-14.12 | 18.45<br>0.26<br>-14.12 | 19.45<br>0.34<br>-13.96 | 19.97<br>0.32<br>-14.53 | 20.43<br>0.33<br>-15.18 | 22.11<br>0.45<br>-14.48 | 21.76<br>0.44<br>-14.59 | 20.97<br>0.43<br>-14.07 | 21.81<br>0.42<br>-14.06 | 21.43<br>0.39<br>-13.45 | 21.27<br>0.47<br>-12.88 | 20.65<br>0.38<br>-13.06 | 21.24<br>0.44<br>-12.88 | 21.90<br>0.48<br>-13.49 | 23.23<br>0.52<br>-14.77 | 25.08<br>0.49<br>-16.67 | 26.81<br>0.57<br>-18.32 | 27.66<br>0.55<br>-19.19  | 24.45<br>0.53<br>-16.00 | 20.17<br>0.36<br>-14.45 | 19.76<br>0.35<br>-14.26 |
| STONY___BROOK<br>24151                   | 72.69<br>0.65<br>-66.91 | 60.61<br>0.61<br>-54.86 | 55.47<br>0.47<br>-50.94 | 53.60<br>0.48<br>-49.06 | 54.39<br>0.49<br>-49.84 | 58.15<br>0.63<br>-52.38 | 55.39<br>0.65<br>-49.61 | 56.20<br>0.59<br>-50.68 | 56.39<br>0.88<br>-48.33 | 56.76<br>0.83<br>-49.20 | 58.14<br>0.76<br>-50.90 | 64.02<br>0.85<br>-55.84 | 56.13<br>0.89<br>-47.65 | 56.14<br>0.96<br>-47.25 | 56.15<br>0.88<br>-48.05 | 60.23<br>0.95<br>-51.36 | 75.06<br>1.01<br>-66.11 | 78.16<br>1.02<br>-69.20 | 79.26<br>1.02<br>-70.32 | 85.62<br>1.05<br>-76.64 | 104.20<br>1.03<br>-95.25 | 80.63<br>1.04<br>-71.68 | 75.04<br>0.72<br>-68.96 | 65.72<br>0.67<br>-59.91 |
| STURGEON_POOL_HYD<br>23609               | 56.12<br>0.35<br>-50.63 | 54.43<br>0.33<br>-48.96 | 53.04<br>0.29<br>-48.70 | 52.43<br>0.26<br>-48.12 | 52.45<br>0.26<br>-48.13 | 53.08<br>0.34<br>-47.59 | 54.98<br>0.34<br>-49.51 | 56.97<br>0.32<br>-51.73 | 56.98<br>0.47<br>-49.33 | 56.88<br>0.44<br>-49.70 | 54.86<br>0.44<br>-47.94 | 55.72<br>0.50<br>-47.90 | 53.95<br>0.52<br>-45.84 | 52.36<br>0.55<br>-43.87 | 52.23<br>0.51<br>-44.49 | 52.37<br>0.55<br>-43.90 | 54.51<br>0.60<br>-45.97 | 58.87<br>0.60<br>-50.32 | 66.51<br>0.60<br>-57.99 | 72.25<br>0.61<br>-63.72 | 75.28<br>0.62<br>-66.74  | 64.18<br>0.61<br>-55.66 | 56.03<br>0.40<br>-50.28 | 55.12<br>0.36<br>-49.62 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G<br>345026 | 52.62<br>0.36<br>-47.12 | 51.05<br>0.34<br>-45.56 | 49.66<br>0.28<br>-45.32 | 49.11<br>0.27<br>-44.78 | 49.13<br>0.27<br>-44.79 | 49.79<br>0.35<br>-44.29 | 51.56<br>0.36<br>-46.08 | 53.40<br>0.34<br>-48.14 | 53.60<br>0.52<br>-45.91 | 53.47<br>0.48<br>-46.26 | 51.57<br>0.47<br>-44.62 | 52.44<br>0.53<br>-44.58 | 50.81<br>0.56<br>-42.67 | 49.37<br>0.61<br>-40.83 | 49.19<br>0.56<br>-41.41 | 49.39<br>0.61<br>-40.85 | 51.37<br>0.64<br>-42.79 | 55.43<br>0.64<br>-46.83 | 61.44<br>0.63<br>-52.89 | 66.68<br>0.65<br>-58.11 | 69.44<br>0.65<br>-60.87  | 59.31<br>0.64<br>-50.76 | 51.63<br>0.42<br>-45.85 | 50.78<br>0.39<br>-45.25 |
| SYNERGY___BIOGAS<br>323694               | 14.58<br>0.15<br>-9.30  | 14.32<br>0.18<br>-8.99  | 13.13<br>0.12<br>-8.94  | 13.01<br>0.12<br>-8.84  | 13.06<br>0.16<br>-8.84  | 14.09<br>0.20<br>-8.74  | 14.37<br>0.15<br>-9.09  | 14.55<br>0.12<br>-9.50  | 16.38<br>0.12<br>-9.08  | 15.98<br>0.09<br>-9.15  | 15.39<br>0.09<br>-8.82  | 16.21<br>0.07<br>-8.81  | 16.05<br>0.02<br>-8.44  | 16.08<br>0.07<br>-8.07  | 15.42<br>0.02<br>-8.17  | 16.02<br>0.03<br>-8.06  | 16.46<br>0.08<br>-8.44  | 17.32<br>0.13<br>-9.24  | 18.56<br>0.13<br>-10.52 | 19.69<br>0.21<br>-11.56 | 20.21<br>0.18<br>-12.11  | 18.20<br>0.19<br>-10.10 | 14.65<br>0.17<br>-9.12  | 14.39<br>0.24<br>-9.00  |
| SYRACUSE___ENERGY_ST1<br>323597          | 12.01<br>0.02<br>-6.86  | 11.79<br>0.02<br>-6.63  | 10.66<br>0.01<br>-6.59  | 10.58<br>0.01<br>-6.52  | 10.60<br>0.02<br>-6.52  | 11.62<br>0.03<br>-6.44  | 11.85<br>0.02<br>-6.70  | 11.96<br>0.03<br>-7.00  | 13.89<br>0.04<br>-6.68  | 13.50<br>0.03<br>-6.73  | 13.01<br>0.04<br>-6.49  | 13.86<br>0.04<br>-6.49  | 13.84<br>0.05<br>-6.21  | 13.93<br>0.06<br>-5.94  | 13.29<br>0.04<br>-6.02  | 13.91<br>0.05<br>-5.94  | 14.23<br>0.06<br>-6.22  | 14.84<br>0.08<br>-6.81  | 15.85<br>0.06<br>-7.87  | 16.64<br>0.07<br>-8.65  | 17.05<br>0.07<br>-9.06   | 15.53<br>0.06<br>-7.55  | 12.23<br>0.05<br>-6.82  | 11.93<br>0.05<br>-6.73  |
| SYRACUSE___ENERGY_ST2<br>323598          | 12.01<br>0.02<br>-6.86  | 11.79<br>0.02<br>-6.63  | 10.66<br>0.01<br>-6.59  | 10.58<br>0.01<br>-6.52  | 10.60<br>0.02<br>-6.52  | 11.62<br>0.03<br>-6.44  | 11.85<br>0.02<br>-6.70  | 11.96<br>0.03<br>-7.00  | 13.89<br>0.04<br>-6.68  | 13.50<br>0.03<br>-6.73  | 13.01<br>0.04<br>-6.49  | 13.86<br>0.04<br>-6.49  | 13.84<br>0.05<br>-6.21  | 13.93<br>0.06<br>-5.94  | 13.29<br>0.04<br>-6.02  | 13.91<br>0.05<br>-5.94  | 14.23<br>0.06<br>-6.22  | 14.84<br>0.08<br>-6.81  | 15.85<br>0.06<br>-7.87  | 16.64<br>0.07<br>-8.65  | 17.05<br>0.07<br>-9.06   | 15.53<br>0.06<br>-7.55  | 12.23<br>0.05<br>-6.82  | 11.93<br>0.05<br>-6.73  |
| SYRACUSE___POWER<br>24017                | 12.29<br>0.02<br>-7.14  | 12.07<br>0.02<br>-6.90  | 10.93<br>0.01<br>-6.87  | 10.85<br>0.01<br>-6.78  | 10.87<br>0.02<br>-6.79  | 11.88<br>0.03<br>-6.71  | 12.12<br>0.02<br>-6.98  | 12.24<br>0.02<br>-7.29  | 14.17<br>0.04<br>-6.95  | 13.78<br>0.03<br>-7.01  | 13.27<br>0.04<br>-6.76  | 14.12<br>0.04<br>-6.75  | 14.09<br>0.04<br>-6.46  | 14.17<br>0.06<br>-6.19  | 13.53<br>0.04<br>-6.27  | 14.15<br>0.04<br>-6.19  | 14.48<br>0.06<br>-6.48  | 15.11<br>0.07<br>-7.09  | 16.20<br>0.06<br>-8.22  | 17.03<br>0.07<br>-9.04  | 17.46<br>0.07<br>-9.47   | 15.87<br>0.06<br>-7.89  | 12.53<br>0.04<br>-7.13  | 12.23<br>0.05<br>-7.04  |
| TRIGEN___CC<br>323695                    | 72.58<br>0.54<br>-66.91 | 60.52<br>0.52<br>-54.86 | 55.41<br>0.41<br>-50.94 | 53.52<br>0.40<br>-49.06 | 54.31<br>0.41<br>-49.84 | 58.05<br>0.53<br>-52.38 | 55.28<br>0.54<br>-49.61 | 56.12<br>0.51<br>-50.68 | 56.28<br>0.77<br>-48.33 | 56.66<br>0.73<br>-49.20 | 58.07<br>0.69<br>-50.90 | 63.95<br>0.78<br>-55.84 | 56.06<br>0.83<br>-47.65 | 56.06<br>0.88<br>-47.25 | 56.08<br>0.81<br>-48.05 | 60.16<br>0.88<br>-51.36 | 74.96<br>0.91<br>-66.11 | 78.05<br>0.91<br>-69.20 | 79.14<br>0.90<br>-70.32 | 85.48<br>0.92<br>-76.64 | 104.08<br>0.91<br>-95.25 | 80.50<br>0.90<br>-71.68 | 74.94<br>0.62<br>-68.96 | 65.64<br>0.58<br>-59.91 |
| UNION___PROCESSING_DRP<br>323587         | 13.28<br>0.06<br>-8.09  | 13.04<br>0.08<br>-7.82  | 11.88<br>0.04<br>-7.78  | 11.79<br>0.04<br>-7.69  | 11.82<br>0.07<br>-7.69  | 12.84<br>0.09<br>-7.60  | 13.10<br>0.06<br>-7.91  | 13.24<br>0.05<br>-8.27  | 15.11<br>0.04<br>-7.88  | 14.70<br>0.02<br>-7.94  | 14.17<br>0.03<br>-7.66  | 15.00<br>0.02<br>-7.66  | 14.92<br>0.01<br>-7.33  | 14.98<br>0.04<br>-7.01  | 14.33<br>0.00<br>-7.11  | 14.95<br>0.02<br>-7.01  | 15.32<br>0.03<br>-7.35  | 16.05<br>0.06<br>-8.04  | 17.13<br>0.03<br>-9.18  | 18.07<br>0.06<br>-10.09 | 18.55<br>0.06<br>-10.57  | 16.80<br>0.07<br>-8.81  | 13.39<br>0.07<br>-7.96  | 13.12<br>0.12<br>-7.86  |
| UPPER HUDSON___HYD<br>24058              | 75.11<br>0.23<br>-69.75 | 72.79<br>0.21<br>-67.44 | 71.30<br>0.16<br>-67.08 | 70.51<br>0.17<br>-66.28 | 70.54<br>0.18<br>-66.29 | 70.94<br>0.23<br>-65.55 | 73.58<br>0.26<br>-68.20 | 76.45<br>0.27<br>-71.25 | 75.54<br>0.42<br>-67.95 | 75.55<br>0.35<br>-68.47 | 72.83<br>0.32<br>-66.04 | 73.68<br>0.37<br>-65.98 | 71.09<br>0.35<br>-63.15 | 68.71<br>0.34<br>-60.44 | 68.79<br>0.28<br>-61.29 | 68.73<br>0.34<br>-60.47 | 71.68<br>0.41<br>-63.33 | 77.71<br>0.44<br>-69.32 | 83.46<br>0.49<br>-75.05 | 90.92<br>0.53<br>-82.47 | 94.82<br>0.52<br>-86.38  | 80.42<br>0.47<br>-72.03 | 70.75<br>0.32<br>-65.07 | 69.63<br>0.27<br>-64.22 |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| UPPER RAQUET___HYD<br>24056                   | 4.84<br>-0.29<br>0.00   | 4.84<br>-0.30<br>0.00   | 3.84<br>-0.22<br>0.00   | 3.84<br>-0.22<br>0.00   | 3.83<br>-0.24<br>0.00   | 4.85<br>-0.30<br>0.00   | 4.86<br>-0.27<br>0.00   | 4.67<br>-0.26<br>0.00   | 6.78<br>-0.39<br>0.00   | 6.37<br>-0.36<br>0.00   | 6.09<br>-0.38<br>0.00   | 6.91<br>-0.42<br>0.00   | 7.16<br>-0.42<br>0.00   | 7.46<br>-0.48<br>0.00   | 6.80<br>-0.43<br>0.00   | 7.46<br>-0.46<br>0.00   | 7.45<br>-0.49<br>0.00   | 7.46<br>-0.49<br>0.00   | 7.50<br>-0.41<br>0.00   | 7.49<br>-0.43<br>0.00   | 7.50<br>-0.42<br>0.00    | 7.49<br>-0.42<br>0.00   | 5.05<br>-0.31<br>0.00   | 4.85<br>-0.30<br>0.00   |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E<br>345011 | 34.37<br>0.32<br>-28.91 | 33.43<br>0.33<br>-27.96 | 32.11<br>0.24<br>-27.81 | 31.79<br>0.25<br>-27.48 | 31.80<br>0.26<br>-27.48 | 32.67<br>0.34<br>-27.18 | 33.72<br>0.32<br>-28.27 | 34.80<br>0.33<br>-29.54 | 35.84<br>0.49<br>-28.17 | 35.58<br>0.46<br>-28.38 | 34.31<br>0.45<br>-27.38 | 35.20<br>0.52<br>-27.35 | 34.30<br>0.53<br>-26.18 | 33.54<br>0.55<br>-25.05 | 33.13<br>0.50<br>-25.41 | 33.55<br>0.56<br>-25.07 | 34.77<br>0.58<br>-26.25 | 37.28<br>0.60<br>-28.74 | 38.22<br>0.56<br>-29.74 | 41.18<br>0.58<br>-32.68 | 42.73<br>0.58<br>-34.23  | 37.04<br>0.59<br>-28.54 | 31.52<br>0.38<br>-25.79 | 30.96<br>0.37<br>-25.45 |
| VISCHER___FERRY HYD<br>24020                  | 72.89<br>0.28<br>-67.48 | 70.65<br>0.26<br>-65.25 | 69.18<br>0.22<br>-64.90 | 68.40<br>0.21<br>-64.13 | 68.42<br>0.21<br>-64.14 | 68.84<br>0.26<br>-63.43 | 71.39<br>0.28<br>-65.98 | 74.15<br>0.28<br>-68.94 | 73.36<br>0.44<br>-65.74 | 73.40<br>0.42<br>-66.24 | 70.77<br>0.40<br>-63.90 | 71.62<br>0.45<br>-63.84 | 69.13<br>0.45<br>-61.10 | 66.85<br>0.44<br>-58.47 | 66.91<br>0.39<br>-59.30 | 66.87<br>0.44<br>-58.51 | 69.70<br>0.48<br>-61.27 | 75.52<br>0.50<br>-67.07 | 81.67<br>0.52<br>-73.23 | 88.95<br>0.56<br>-80.46 | 92.76<br>0.56<br>-84.28  | 78.72<br>0.52<br>-70.28 | 69.21<br>0.36<br>-63.49 | 68.11<br>0.31<br>-62.66 |
| V_CMM_10_SYNC_DSASP<br>323787                 | 5.02<br>-0.12<br>0.00   | 5.02<br>-0.12<br>0.00   | 3.98<br>-0.09<br>0.00   | 3.98<br>-0.08<br>0.00   | 3.97<br>-0.10<br>0.00   | 5.02<br>-0.13<br>0.00   | 5.02<br>-0.11<br>0.00   | 4.82<br>-0.11<br>0.00   | 7.00<br>-0.18<br>0.00   | 6.57<br>-0.17<br>0.00   | 6.31<br>-0.17<br>0.00   | 7.14<br>-0.19<br>0.00   | 7.40<br>-0.19<br>0.00   | 7.72<br>-0.21<br>0.00   | 7.03<br>-0.19<br>0.00   | 7.72<br>-0.21<br>0.00   | 7.71<br>-0.23<br>0.00   | 7.71<br>-0.24<br>0.00   | 7.73<br>-0.18<br>0.00   | 7.72<br>-0.20<br>0.00   | 7.72<br>-0.20<br>0.00    | 7.72<br>-0.19<br>0.00   | 5.23<br>-0.13<br>0.00   | 5.02<br>-0.13<br>0.00   |
| V_CMP_10_SYNC_DSASP<br>323788                 | 5.07<br>-0.06<br>0.00   | 5.07<br>-0.08<br>0.00   | 4.00<br>-0.06<br>0.00   | 4.01<br>-0.05<br>0.00   | 3.99<br>-0.07<br>0.00   | 5.06<br>-0.09<br>0.00   | 5.08<br>-0.05<br>0.00   | 4.85<br>-0.08<br>0.00   | 7.04<br>-0.14<br>0.00   | 6.60<br>-0.13<br>0.00   | 6.34<br>-0.14<br>0.00   | 7.16<br>-0.16<br>0.00   | 7.43<br>-0.15<br>0.00   | 7.74<br>-0.19<br>0.00   | 7.06<br>-0.16<br>0.00   | 7.74<br>-0.22<br>0.00   | 7.72<br>-0.21<br>0.00   | 7.74<br>-0.21<br>0.00   | 7.78<br>-0.13<br>0.00   | 7.76<br>-0.17<br>0.00   | 7.76<br>-0.17<br>0.00    | 7.76<br>-0.16<br>0.00   | 5.24<br>-0.12<br>0.00   | 5.02<br>-0.13<br>0.00   |
| V_F_30_NSYNC___DSASP<br>323816                | 74.91<br>0.33<br>-69.45 | 72.60<br>0.31<br>-67.15 | 71.10<br>0.25<br>-66.79 | 70.31<br>0.25<br>-66.00 | 70.33<br>0.26<br>-66.01 | 70.75<br>0.33<br>-65.27 | 73.38<br>0.34<br>-67.90 | 76.22<br>0.34<br>-70.95 | 75.36<br>0.52<br>-67.65 | 75.38<br>0.48<br>-68.17 | 72.67<br>0.44<br>-65.76 | 73.52<br>0.50<br>-65.70 | 70.97<br>0.50<br>-62.88 | 68.61<br>0.50<br>-60.17 | 68.68<br>0.43<br>-61.03 | 68.63<br>0.50<br>-60.21 | 71.55<br>0.56<br>-63.05 | 77.55<br>0.58<br>-69.02 | 83.33<br>0.63<br>-74.78 | 90.77<br>0.67<br>-82.17 | 94.65<br>0.67<br>-86.07  | 80.31<br>0.63<br>-71.77 | 70.62<br>0.43<br>-64.84 | 69.51<br>0.38<br>-63.99 |
| V_F_30_SYNC_DSASP<br>323786                   | 71.62<br>0.31<br>-66.18 | 69.43<br>0.30<br>-63.99 | 67.96<br>0.25<br>-63.65 | 67.19<br>0.24<br>-62.90 | 67.21<br>0.24<br>-62.91 | 67.65<br>0.30<br>-62.20 | 70.14<br>0.30<br>-64.71 | 72.84<br>0.30<br>-67.61 | 72.11<br>0.46<br>-64.47 | 72.13<br>0.43<br>-64.97 | 69.56<br>0.42<br>-62.67 | 70.41<br>0.48<br>-62.61 | 67.99<br>0.48<br>-59.92 | 65.77<br>0.49<br>-57.35 | 65.82<br>0.44<br>-58.16 | 65.79<br>0.49<br>-57.38 | 68.55<br>0.52<br>-60.09 | 74.26<br>0.53<br>-65.78 | 81.90<br>0.51<br>-73.48 | 89.19<br>0.53<br>-80.74 | 93.02<br>0.53<br>-84.56  | 78.94<br>0.51<br>-70.52 | 69.42<br>0.35<br>-63.70 | 68.33<br>0.31<br>-62.87 |
| V_XM_10_SYNC_DSASP<br>323789                  | 5.07<br>-0.06<br>0.00   | 5.07<br>-0.08<br>0.00   | 4.00<br>-0.06<br>0.00   | 4.01<br>-0.05<br>0.00   | 3.99<br>-0.07<br>0.00   | 5.06<br>-0.09<br>0.00   | 5.08<br>-0.05<br>0.00   | 4.85<br>-0.08<br>0.00   | 7.04<br>-0.14<br>0.00   | 6.60<br>-0.13<br>0.00   | 6.34<br>-0.14<br>0.00   | 7.16<br>-0.16<br>0.00   | 7.43<br>-0.15<br>0.00   | 7.74<br>-0.19<br>0.00   | 7.06<br>-0.16<br>0.00   | 7.74<br>-0.18<br>0.00   | 7.72<br>-0.22<br>0.00   | 7.74<br>-0.21<br>0.00   | 7.78<br>-0.13<br>0.00   | 7.76<br>-0.17<br>0.00   | 7.76<br>-0.17<br>0.00    | 7.76<br>-0.16<br>0.00   | 5.24<br>-0.12<br>0.00   | 5.02<br>-0.13<br>0.00   |
| W.NYACK_69_KV_BK 521_REV_LBMP_G<br>345027     | 53.85<br>0.42<br>-48.30 | 52.24<br>0.39<br>-46.70 | 50.83<br>0.32<br>-46.45 | 50.26<br>0.30<br>-45.90 | 50.28<br>0.31<br>-45.91 | 50.94<br>0.40<br>-45.40 | 52.77<br>0.41<br>-47.23 | 54.66<br>0.39<br>-49.35 | 54.83<br>0.60<br>-47.06 | 54.71<br>0.56<br>-47.41 | 52.76<br>0.55<br>-45.74 | 53.64<br>0.62<br>-45.70 | 51.97<br>0.65<br>-43.73 | 50.49<br>0.71<br>-41.85 | 50.32<br>0.65<br>-42.44 | 50.50<br>0.70<br>-41.88 | 52.54<br>0.75<br>-43.86 | 56.70<br>0.75<br>-48.01 | 63.28<br>0.74<br>-54.63 | 68.70<br>0.75<br>-60.03 | 71.56<br>0.76<br>-62.87  | 61.09<br>0.74<br>-52.43 | 53.21<br>0.49<br>-47.36 | 52.33<br>0.45<br>-46.74 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J<br>345008    | 55.18<br>0.44<br>-49.60 | 53.52<br>0.42<br>-47.96 | 52.10<br>0.33<br>-47.70 | 51.51<br>0.32<br>-47.14 | 51.54<br>0.33<br>-47.14 | 52.18<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.67 | 56.13<br>0.63<br>-48.32 | 56.01<br>0.59<br>-48.69 | 54.02<br>0.58<br>-46.96 | 54.90<br>0.65<br>-46.92 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.75<br>-42.98 | 51.49<br>0.69<br>-43.59 | 51.66<br>0.74<br>-43.00 | 53.75<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.23<br>0.77<br>-56.54 | 70.84<br>0.78<br>-62.13 | 73.78<br>0.78<br>-65.07  | 62.96<br>0.78<br>-54.27 | 54.90<br>0.51<br>-49.02 | 54.00<br>0.48<br>-48.38 |
| WADING RIVER_IC_1<br>23522                    | 72.62<br>0.59<br>-66.91 | 60.54<br>0.54<br>-54.86 | 55.43<br>0.43<br>-50.94 | 53.55<br>0.43<br>-49.06 | 54.34<br>0.44<br>-49.84 | 58.09<br>0.57<br>-52.38 | 55.34<br>0.60<br>-49.61 | 56.10<br>0.49<br>-50.68 | 56.25<br>0.74<br>-48.33 | 56.63<br>0.69<br>-49.20 | 58.01<br>0.63<br>-50.90 | 63.87<br>0.70<br>-55.84 | 55.99<br>0.75<br>-47.65 | 55.99<br>0.81<br>-47.25 | 56.01<br>0.74<br>-48.05 | 60.08<br>0.80<br>-51.36 | 74.91<br>0.86<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.12<br>0.89<br>-70.32 | 85.49<br>0.93<br>-76.64 | 104.09<br>0.92<br>-95.25 | 80.50<br>0.90<br>-71.68 | 74.95<br>0.63<br>-68.96 | 65.64<br>0.58<br>-59.91 |
| WADING RIVER_IC_2<br>23547                    | 72.62<br>0.59<br>-66.91 | 60.54<br>0.54<br>-54.86 | 55.43<br>0.43<br>-50.94 | 53.55<br>0.43<br>-49.06 | 54.34<br>0.44<br>-49.84 | 58.09<br>0.57<br>-52.38 | 55.34<br>0.60<br>-49.61 | 56.10<br>0.49<br>-50.68 | 56.25<br>0.74<br>-48.33 | 56.63<br>0.69<br>-49.20 | 58.01<br>0.63<br>-50.90 | 63.87<br>0.70<br>-55.84 | 55.99<br>0.75<br>-47.65 | 55.99<br>0.81<br>-47.25 | 56.01<br>0.74<br>-48.05 | 60.08<br>0.80<br>-51.36 | 74.91<br>0.86<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.12<br>0.89<br>-70.32 | 85.49<br>0.93<br>-76.64 | 104.09<br>0.92<br>-95.25 | 80.50<br>0.90<br>-71.68 | 74.95<br>0.63<br>-68.96 | 65.64<br>0.58<br>-59.91 |
| WADING RIVER_IC_3<br>23601                    | 72.62<br>0.59<br>-66.91 | 60.54<br>0.54<br>-54.86 | 55.43<br>0.43<br>-50.94 | 53.55<br>0.43<br>-49.06 | 54.34<br>0.44<br>-49.84 | 58.09<br>0.57<br>-52.38 | 55.34<br>0.60<br>-49.61 | 56.10<br>0.49<br>-50.68 | 56.25<br>0.74<br>-48.33 | 56.63<br>0.69<br>-49.20 | 58.01<br>0.63<br>-50.90 | 63.87<br>0.70<br>-55.84 | 55.99<br>0.75<br>-47.65 | 55.99<br>0.81<br>-47.25 | 56.01<br>0.74<br>-48.05 | 60.08<br>0.80<br>-51.36 | 74.91<br>0.86<br>-66.11 | 78.03<br>0.88<br>-69.20 | 79.12<br>0.89<br>-70.32 | 85.49<br>0.93<br>-76.64 | 104.09<br>0.92<br>-95.25 | 80.50<br>0.90<br>-71.68 | 74.95<br>0.63<br>-68.96 | 65.64<br>0.58<br>-59.91 |
| WALDEN___HYDRO<br>24148                       | 53.86<br>0.40<br>-48.33 | 52.25<br>0.38<br>-46.73 | 50.84<br>0.30<br>-46.48 | 50.28<br>0.29<br>-45.93 | 50.30<br>0.30<br>-45.93 | 50.96<br>0.39<br>-45.42 | 52.78<br>0.39<br>-47.25 | 54.67<br>0.37<br>-49.37 | 54.81<br>0.55<br>-47.08 | 54.68<br>0.51<br>-47.44 | 52.73<br>0.49<br>-45.76 | 53.61<br>0.56<br>-45.72 | 51.95<br>0.61<br>-43.76 | 50.43<br>0.63<br>-41.87 | 50.27<br>0.58<br>-42.47 | 50.45<br>0.63<br>-41.90 | 52.48<br>0.67<br>-43.88 | 56.67<br>0.69<br>-48.03 | 63.27<br>0.70<br>-54.65 | 68.69<br>0.72<br>-60.05 | 71.55<br>0.73<br>-62.90  | 61.09<br>0.72<br>-52.45 | 53.21<br>0.47<br>-47.38 | 52.33<br>0.43<br>-46.76 |
| WARRENSBURG____<br>23737                      | 75.11<br>0.23<br>-69.75 | 72.79<br>0.21<br>-67.44 | 71.30<br>0.16<br>-67.08 | 70.51<br>0.17<br>-66.28 | 70.54<br>0.18<br>-66.29 | 70.94<br>0.23<br>-65.55 | 73.58<br>0.26<br>-68.20 | 76.45<br>0.27<br>-71.25 | 75.54<br>0.42<br>-67.95 | 75.55<br>0.35<br>-68.47 | 72.83<br>0.32<br>-66.04 | 73.68<br>0.37<br>-65.98 | 71.09<br>0.35<br>-63.15 | 68.71<br>0.34<br>-60.44 | 68.79<br>0.28<br>-61.29 | 68.73<br>0.34<br>-60.47 | 71.68<br>0.41<br>-63.33 | 77.71<br>0.44<br>-69.32 | 83.46<br>0.49<br>-75.05 | 90.92<br>0.53<br>-82.47 | 94.82<br>0.52<br>-86.38  | 80.42<br>0.47<br>-72.03 | 70.75<br>0.32<br>-65.07 | 69.63<br>0.27<br>-64.22 |

|  |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| WATERSIDE___6 8 9<br>23538                 | 55.20<br>0.46<br>-49.61 | 53.54<br>0.43<br>-47.96 | 52.11<br>0.34<br>-47.71 | 51.53<br>0.33<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.41<br>-50.68 | 56.13<br>0.62<br>-48.33 | 56.01<br>0.58<br>-48.69 | 54.02<br>0.57<br>-46.97 | 54.91<br>0.65<br>-46.93 | 53.19<br>0.69<br>-44.91 | 51.65<br>0.74<br>-42.98 | 51.50<br>0.69<br>-43.59 | 51.66<br>0.73<br>-43.01 | 53.76<br>0.78<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.25<br>0.78<br>-56.55 | 70.86<br>0.80<br>-62.14 | 73.81<br>0.80<br>-65.08  | 62.99<br>0.80<br>-54.28 | 54.91<br>0.53<br>-49.03 | 54.03<br>0.50<br>-48.39 |
| WDELAWARE___HYD<br>323627                  | 49.91<br>0.38<br>-44.39 | 48.43<br>0.37<br>-42.92 | 47.09<br>0.34<br>-42.70 | 46.53<br>0.28<br>-42.19 | 46.55<br>0.29<br>-42.20 | 47.26<br>0.38<br>-41.72 | 48.92<br>0.38<br>-43.41 | 50.64<br>0.36<br>-45.35 | 50.94<br>0.51<br>-43.25 | 50.77<br>0.45<br>-43.58 | 48.96<br>0.45<br>-42.04 | 49.85<br>0.53<br>-42.00 | 48.32<br>0.54<br>-40.20 | 46.98<br>0.58<br>-38.47 | 46.75<br>0.51<br>-39.01 | 46.99<br>0.58<br>-38.49 | 48.87<br>0.63<br>-40.31 | 52.75<br>0.68<br>-44.12 | 57.81<br>0.68<br>-49.21 | 62.69<br>0.70<br>-54.07 | 65.27<br>0.71<br>-56.64  | 55.85<br>0.70<br>-47.23 | 48.47<br>0.45<br>-42.67 | 47.66<br>0.41<br>-42.11 |
| WEST BABYLON___IC<br>23714                 | 72.69<br>0.65<br>-66.91 | 60.61<br>0.61<br>-54.86 | 55.49<br>0.49<br>-50.94 | 53.60<br>0.48<br>-49.06 | 54.39<br>0.49<br>-49.84 | 58.15<br>0.62<br>-52.38 | 55.38<br>0.64<br>-49.61 | 56.20<br>0.59<br>-50.68 | 56.40<br>0.89<br>-48.33 | 56.78<br>0.84<br>-49.20 | 58.15<br>0.78<br>-50.90 | 64.04<br>0.87<br>-55.84 | 56.16<br>0.93<br>-47.65 | 56.17<br>0.98<br>-47.25 | 56.17<br>0.90<br>-48.05 | 60.26<br>0.98<br>-51.36 | 75.08<br>1.03<br>-66.11 | 78.18<br>1.03<br>-69.20 | 79.27<br>1.04<br>-70.32 | 85.63<br>1.06<br>-76.64 | 104.23<br>1.06<br>-95.25 | 80.64<br>1.04<br>-71.68 | 75.04<br>0.73<br>-68.96 | 65.73<br>0.68<br>-59.91 |
| WEST CANADA___HYD<br>24049                 | 5.12<br>-0.01<br>0.00   | 5.13<br>-0.01<br>0.00   | 4.05<br>-0.01<br>0.00   | 4.04<br>-0.01<br>0.00   | 4.05<br>-0.01<br>0.00   | 5.14<br>-0.01<br>0.00   | 5.11<br>-0.02<br>0.00   | 4.92<br>-0.01<br>0.00   | 7.16<br>-0.01<br>0.00   | 6.72<br>-0.01<br>0.00   | 6.46<br>-0.01<br>0.00   | 7.31<br>-0.01<br>0.00   | 7.57<br>-0.02<br>0.00   | 7.92<br>-0.02<br>0.00   | 7.21<br>-0.01<br>0.00   | 7.91<br>-0.02<br>0.00   | 7.92<br>-0.02<br>0.00   | 7.94<br>-0.01<br>0.00   | 7.90<br>-0.02<br>0.00   | 7.91<br>-0.02<br>0.00   | 7.90<br>-0.02<br>0.00    | 7.89<br>-0.02<br>0.00   | 5.34<br>-0.02<br>0.00   | 5.12<br>-0.02<br>0.00   |
| WESTERN_NY_WIND<br>24143                   | 14.69<br>0.14<br>-9.41  | 14.43<br>0.18<br>-9.10  | 13.23<br>0.12<br>-9.05  | 13.12<br>0.12<br>-8.95  | 13.17<br>0.15<br>-8.95  | 14.19<br>0.20<br>-8.85  | 14.48<br>0.15<br>-9.21  | 14.66<br>0.12<br>-9.62  | 16.48<br>0.11<br>-9.19  | 16.08<br>0.09<br>-9.26  | 15.49<br>0.08<br>-8.93  | 16.32<br>0.07<br>-8.92  | 16.14<br>0.02<br>-8.54  | 16.16<br>0.06<br>-8.17  | 15.51<br>0.01<br>-8.27  | 16.10<br>0.02<br>-8.16  | 16.56<br>0.07<br>-8.55  | 17.42<br>0.11<br>-9.36  | 18.67<br>0.11<br>-10.65 | 19.81<br>0.19<br>-11.70 | 20.35<br>0.17<br>-12.26  | 18.32<br>0.18<br>-10.22 | 14.76<br>0.17<br>-9.23  | 14.49<br>0.24<br>-9.11  |
| WESTOVER___LESR<br>323668                  | 27.20<br>0.20<br>-21.86 | 26.49<br>0.21<br>-21.14 | 25.24<br>0.15<br>-21.03 | 24.98<br>0.15<br>-20.78 | 25.01<br>0.17<br>-20.78 | 25.91<br>0.22<br>-20.55 | 26.70<br>0.20<br>-21.38 | 27.46<br>0.20<br>-22.33 | 28.76<br>0.29<br>-21.30 | 28.47<br>0.27<br>-21.46 | 27.44<br>0.27<br>-20.70 | 28.29<br>0.29<br>-20.68 | 27.67<br>0.29<br>-19.80 | 27.20<br>0.33<br>-18.94 | 26.71<br>0.28<br>-19.21 | 27.20<br>0.32<br>-18.95 | 28.13<br>0.34<br>-19.85 | 30.03<br>0.36<br>-21.73 | 32.60<br>0.34<br>-24.34 | 35.04<br>0.36<br>-26.75 | 36.30<br>0.36<br>-28.02  | 31.64<br>0.36<br>-23.37 | 26.71<br>0.25<br>-21.11 | 26.21<br>0.24<br>-20.83 |
| WETHRSFD_WT_PWR<br>323626                  | 17.70<br>0.18<br>-12.39 | 17.32<br>0.20<br>-11.98 | 16.11<br>0.13<br>-11.91 | 15.96<br>0.13<br>-11.77 | 16.00<br>0.17<br>-11.77 | 17.01<br>0.22<br>-11.64 | 17.42<br>0.18<br>-12.11 | 17.74<br>0.16<br>-12.65 | 19.45<br>0.20<br>-12.07 | 19.09<br>0.19<br>-12.16 | 18.39<br>0.18<br>-11.73 | 19.20<br>0.15<br>-11.72 | 18.90<br>0.09<br>-11.22 | 18.84<br>0.17<br>-10.74 | 18.21<br>0.11<br>-10.88 | 18.80<br>0.14<br>-10.74 | 19.34<br>0.16<br>-11.25 | 20.46<br>0.20<br>-12.31 | 22.03<br>0.17<br>-13.94 | 23.52<br>0.28<br>-15.32 | 24.22<br>0.25<br>-16.05  | 21.53<br>0.24<br>-13.38 | 17.64<br>0.20<br>-12.09 | 17.29<br>0.22<br>-11.93 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G<br>345015 | 53.87<br>0.40<br>-48.34 | 52.26<br>0.37<br>-46.74 | 50.86<br>0.30<br>-46.49 | 50.29<br>0.29<br>-45.94 | 50.31<br>0.29<br>-45.95 | 50.96<br>0.38<br>-45.44 | 52.79<br>0.39<br>-47.27 | 54.68<br>0.37<br>-49.39 | 54.84<br>0.57<br>-47.10 | 54.72<br>0.53<br>-47.46 | 52.77<br>0.52<br>-45.78 | 53.65<br>0.59<br>-45.74 | 51.98<br>0.62<br>-43.77 | 50.49<br>0.67<br>-41.89 | 50.32<br>0.61<br>-42.48 | 50.50<br>0.67<br>-41.91 | 52.54<br>0.71<br>-43.89 | 56.70<br>0.71<br>-48.05 | 63.30<br>0.70<br>-54.69 | 68.73<br>0.71<br>-60.09 | 71.59<br>0.72<br>-62.94  | 61.11<br>0.70<br>-52.49 | 53.24<br>0.47<br>-47.42 | 52.37<br>0.43<br>-46.79 |
| YORK___WARBASSE<br>23770                   | 55.21<br>0.47<br>-49.61 | 53.55<br>0.44<br>-47.96 | 52.12<br>0.35<br>-47.71 | 51.54<br>0.34<br>-47.14 | 51.56<br>0.35<br>-47.15 | 52.20<br>0.42<br>-46.62 | 54.07<br>0.44<br>-48.50 | 56.01<br>0.40<br>-50.68 | 56.11<br>0.61<br>-48.33 | 55.99<br>0.56<br>-48.69 | 54.00<br>0.56<br>-46.97 | 54.89<br>0.64<br>-46.93 | 53.18<br>0.67<br>-44.91 | 51.64<br>0.73<br>-42.98 | 51.48<br>0.67<br>-43.59 | 51.65<br>0.72<br>-43.01 | 53.75<br>0.77<br>-45.04 | 58.02<br>0.77<br>-49.30 | 65.27<br>0.80<br>-56.55 | 70.88<br>0.82<br>-62.14 | 73.82<br>0.82<br>-65.08  | 63.01<br>0.82<br>-54.28 | 54.92<br>0.54<br>-49.03 | 54.05<br>0.52<br>-48.39 |