

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/03/2002

| 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     | 44.49 | 43.24 | 42.14  | 41.68  | 41.69  | 42.14  | 43.74 | 45.68  | 58.26  | 81.81  | 93.46  | 112.65 | 120.31 | 149.83  | 152.79  | 139.71  | 144.38  | 139.77  | 97.90  | 86.39  | 86.00  | 74.55  | 52.02  | 45.25 |
| 24138                | 4.00  | 3.80  | 3.24   | 3.10   | 3.10   | 3.16   | 3.85  | 3.66   | 5.27   | 6.27   | 6.41   | 6.70   | 6.88   | 7.53    | 7.35    | 6.31    | 6.31    | 6.42    | 6.31   | 6.13   | 6.02   | 4.81   | 4.27   | 4.67  |
|                      | -3.08 | -6.07 | -10.45 | -10.65 | -10.63 | -11.05 | -6.08 | -12.49 | -11.14 | -26.56 | -37.72 | -55.54 | -62.45 | -85.70  | -91.39  | -85.21  | -90.26  | -85.47  | -42.68 | -32.38 | -32.55 | -30.97 | -13.85 | 0.00  |
| 74TH STREET_GT_1     | 44.49 | 43.24 | 42.14  | 41.68  | 41.69  | 42.14  | 43.74 | 45.68  | 58.26  | 81.81  | 93.46  | 112.65 | 120.31 | 149.83  | 152.79  | 139.71  | 144.38  | 139.77  | 97.90  | 86.39  | 86.00  | 74.55  | 52.02  | 45.25 |
| 24260                | 4.00  | 3.80  | 3.24   | 3.10   | 3.10   | 3.16   | 3.85  | 3.66   | 5.27   | 6.27   | 6.41   | 6.70   | 6.88   | 7.53    | 7.35    | 6.31    | 6.31    | 6.42    | 6.31   | 6.13   | 6.02   | 4.81   | 4.27   | 4.67  |
|                      | -3.08 | -6.07 | -10.45 | -10.65 | -10.63 | -11.05 | -6.08 | -12.49 | -11.14 | -26.56 | -37.72 | -55.54 | -62.45 | -85.70  | -91.39  | -85.21  | -90.26  | -85.47  | -42.68 | -32.38 | -32.55 | -30.97 | -13.85 | 0.00  |
| 74TH STREET_GT_2     | 44.49 | 43.24 | 42.14  | 41.68  | 41.69  | 42.14  | 43.74 | 45.68  | 58.26  | 81.81  | 93.46  | 112.65 | 120.31 | 149.83  | 152.79  | 139.71  | 144.38  | 139.77  | 97.90  | 86.39  | 86.00  | 74.55  | 52.02  | 45.25 |
| 24261                | 4.00  | 3.80  | 3.24   | 3.10   | 3.10   | 3.16   | 3.85  | 3.66   | 5.27   | 6.27   | 6.41   | 6.70   | 6.88   | 7.53    | 7.35    | 6.31    | 6.31    | 6.42    | 6.31   | 6.13   | 6.02   | 4.81   | 4.27   | 4.67  |
|                      | -3.08 | -6.07 | -10.45 | -10.65 | -10.63 | -11.05 | -6.08 | -12.49 | -11.14 | -26.56 | -37.72 | -55.54 | -62.45 | -85.70  | -91.39  | -85.21  | -90.26  | -85.47  | -42.68 | -32.38 | -32.55 | -30.97 | -13.85 | 0.00  |
| ADK HUDSON___FALLS   | 39.50 | 35.27 | 30.33  | 29.69  | 29.72  | 29.69  | 35.80 | 47.34  | 58.41  | 86.63  | 101.77 | 126.54 | 136.27 | 172.87  | 176.05  | 163.32  | 169.51  | 163.28  | 107.90 | 93.13  | 92.87  | 81.38  | 53.63  | 42.69 |
| 24011                | 2.09  | 1.90  | 1.88   | 1.76   | 1.76   | 1.76   | 1.99  | 1.39   | 1.92   | 2.74   | 2.86   | 3.13   | 3.21   | 3.62    | 3.62    | 3.13    | 3.06    | 3.06    | 2.89   | 2.68   | 2.66   | 1.90   | 1.53   | 2.11  |
|                      | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | -16.42 | -14.64 | -34.91 | -49.58 | -73.00 | -82.08 | -112.65 | -118.38 | -112.00 | -118.64 | -112.34 | -56.10 | -42.57 | -42.78 | -40.71 | -18.20 | 0.00  |
| ADK RESOURCE___RCVRY | 39.50 | 35.27 | 30.33  | 29.69  | 29.72  | 29.69  | 35.80 | 47.34  | 58.41  | 86.63  | 101.77 | 126.54 | 136.27 | 172.87  | 176.05  | 163.32  | 169.51  | 163.28  | 107.90 | 93.13  | 92.87  | 81.38  | 53.63  | 42.69 |
| 23798                | 2.09  | 1.90  | 1.88   | 1.76   | 1.76   | 1.76   | 1.99  | 1.39   | 1.92   | 2.74   | 2.86   | 3.13   | 3.21   | 3.62    | 3.62    | 3.13    | 3.06    | 3.06    | 2.89   | 2.68   | 2.66   | 1.90   | 1.53   | 2.11  |
|                      | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | -16.42 | -14.64 | -34.91 | -49.58 | -73.00 | -82.08 | -112.65 | -118.38 | -112.00 | -118.64 | -112.34 | -56.10 | -42.57 | -42.78 | -40.71 | -18.20 | 0.00  |
| ADK S GLENS___FALLS  | 39.50 | 35.27 | 30.33  | 29.69  | 29.72  | 29.69  | 35.80 | 47.34  | 58.41  | 86.63  | 101.77 | 126.54 | 136.27 | 172.87  | 176.05  | 163.32  | 169.51  | 163.28  | 107.90 | 93.13  | 92.87  | 81.38  | 53.63  | 42.69 |
| 24028                | 2.09  | 1.90  | 1.88   | 1.76   | 1.76   | 1.76   | 1.99  | 1.39   | 1.92   | 2.74   | 2.86   | 3.13   | 3.21   | 3.62    | 3.62    | 3.13    | 3.06    | 3.06    | 2.89   | 2.68   | 2.66   | 1.90   | 1.53   | 2.11  |
|                      | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | -16.42 | -14.64 | -34.91 | -49.58 | -73.00 | -82.08 | -112.65 | -118.38 | -112.00 | -118.64 | -112.34 | -56.10 | -42.57 | -42.78 | -40.71 | -18.20 | 0.00  |
| ADK_NYS___DAM        | 39.62 | 35.47 | 30.27  | 29.66  | 29.69  | 29.66  | 35.97 | 47.46  | 58.93  | 86.30  | 100.99 | 124.91 | 134.37 | 169.93  | 173.01  | 160.37  | 166.41  | 160.43  | 106.86 | 92.59  | 92.32  | 80.92  | 53.89  | 43.14 |
| 23527                | 2.21  | 2.10  | 1.82   | 1.73   | 1.73   | 1.73   | 2.16  | 2.01   | 2.89   | 3.48   | 3.60   | 3.73   | 3.82   | 4.13    | 4.05    | 3.61    | 3.59    | 3.64    | 3.57   | 3.45   | 3.42   | 2.68   | 2.34   | 2.56  |
|                      | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | -15.92 | -14.19 | -33.84 | -48.06 | -70.77 | -79.57 | -109.20 | -114.91 | -108.57 | -115.01 | -108.91 | -54.38 | -41.26 | -41.47 | -39.47 | -17.65 | 0.00  |
| AIR_PRODUCTS___DRP   | 39.73 | 35.57 | 30.33  | 29.72  | 29.72  | 29.69  | 36.01 | 47.05  | 58.22  | 85.56  | 100.21 | 124.10 | 133.48 | 168.89  | 172.07  | 159.49  | 165.45  | 159.49  | 106.07 | 91.85  | 91.53  | 80.25  | 53.67  | 43.14 |
| 24190                | 2.32  | 2.20  | 1.88   | 1.79   | 1.76   | 1.76   | 2.20  | 1.65   | 2.22   | 2.84   | 2.96   | 3.13   | 3.16   | 3.40    | 3.41    | 3.04    | 2.96    | 3.02    | 2.93   | 2.82   | 2.75   | 2.13   | 2.17   | 2.56  |
|                      | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | -15.87 | -14.15 | -33.74 | -47.92 | -70.56 | -79.34 | -108.89 | -114.61 | -108.26 | -114.68 | -108.59 | -54.23 | -41.15 | -41.35 | -39.35 | -17.60 | 0.00  |
| ALBANY___1           | 39.73 | 35.57 | 30.33  | 29.72  | 29.72  | 29.69  | 36.01 | 47.05  | 58.22  | 85.56  | 100.21 | 124.10 | 133.48 | 168.89  | 172.07  | 159.49  | 165.45  | 159.49  | 106.07 | 91.85  | 91.53  | 80.25  | 53.67  | 43.14 |
| 23571                | 2.32  | 2.20  | 1.88   | 1.79   | 1.76   | 1.76   | 2.20  | 1.65   | 2.22   | 2.84   | 2.96   | 3.13   | 3.16   | 3.40    | 3.41    | 3.04    | 2.96    | 3.02    | 2.93   | 2.82   | 2.75   | 2.13   | 2.17   | 2.56  |
|                      | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | -15.87 | -14.15 | -33.74 | -47.92 | -70.56 | -79.34 | -108.89 | -114.61 | -108.26 | -114.68 | -108.59 | -54.23 | -41.15 | -41.35 | -39.35 | -17.60 | 0.00  |
| ALBANY___2           | 39.73 | 35.57 | 30.33  | 29.72  | 29.72  | 29.69  | 36.01 | 47.05  | 58.22  | 85.56  | 100.21 | 124.10 | 133.48 | 168.89  | 172.07  | 159.49  | 165.45  | 159.49  | 106.07 | 91.85  | 91.53  | 80.25  | 53.67  | 43.14 |
| 23572                | 2.32  | 2.20  | 1.88   | 1.79   | 1.76   | 1.76   | 2.20  | 1.65   | 2.22   | 2.84   | 2.96   | 3.13   | 3.16   | 3.40    | 3.41    | 3.04    | 2.96    | 3.02    | 2.93   | 2.82   | 2.75   | 2.13   | 2.17   | 2.56  |
|                      | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | -15.87 | -14.15 | -33.74 | -47.92 | -70.56 | -79.34 | -108.89 | -114.61 | -108.26 | -114.68 | -108.59 | -54.23 | -41.15 | -41.35 | -39.35 | -17.60 | 0.00  |
| ALBANY___3           | 39.73 | 35.57 | 30.33  | 29.72  | 29.72  | 29.69  | 36.01 | 47.05  | 58.22  | 85.56  | 100.21 | 124.10 | 133.48 | 168.89  | 172.07  | 159.49  | 165.45  | 159.49  | 106.07 | 91.85  | 91.53  | 80.25  | 53.67  | 43.14 |
| 23573                | 2.32  | 2.20  | 1.88   | 1.79   | 1.76   | 1.76   | 2.20  | 1.65   | 2.22   | 2.84   | 2.96   | 3.13   | 3.16   | 3.40    | 3.41    | 3.04    | 2.96    | 3.02    | 2.93   | 2.82   | 2.75   | 2.13   | 2.17   | 2.56  |
|                      | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | -15.87 | -14.15 | -33.74 | -47.92 | -70.56 | -79.34 | -108.89 | -114.61 | -108.26 | -114.68 | -108.59 | -54.23 | -41.15 | -41.35 | -39.35 | -17.60 | 0.00  |
| ALBANY___4           | 39.73 | 35.57 | 30.33  | 29.72  | 29.72  | 29.69  | 36.01 | 47.05  | 58.22  | 85.56  | 100.21 | 124.10 | 133.48 | 168.89  | 172.07  | 159.49  | 165.45  | 159.49  | 106.07 | 91.85  | 91.53  | 80.25  | 53.67  | 43.14 |
| 23574                | 2.32  | 2.20  | 1.88   | 1.79   | 1.76   | 1.76   | 2.20  | 1.65   | 2.22   | 2.84   | 2.96   | 3.13   | 3.16   | 3.40    | 3.41    | 3.04    | 2.96    | 3.02    | 2.93   | 2.82   | 2.75   | 2.13   | 2.17   | 2.56  |
|                      | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | -15.87 | -14.15 | -33.74 | -47.92 | -70.56 | -79.34 | -108.89 | -114.61 | -108.26 | -114.68 | -108.59 | -54.23 | -41.15 | -41.35 | -39.35 | -17.60 | 0.00  |

|                             |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                          |                          |                          |                         |                         |                         |                         |                        |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| ALCOA_RYNLDS___DRP<br>24188 | 36.25<br>-1.16<br>0.00  | 32.34<br>-1.03<br>0.00  | 27.65<br>-0.80<br>0.00  | 27.23<br>-0.70<br>0.00  | 27.26<br>-0.70<br>0.00  | 27.20<br>-0.73<br>0.00  | 32.93<br>-0.88<br>0.00  | 28.40<br>-0.83<br>0.30  | 40.21<br>-1.38<br>0.26  | 47.17<br>-1.18<br>0.63  | 47.20<br>-1.23<br>0.90  | 47.98<br>-1.11<br>1.32   | 48.43<br>-1.07<br>1.48   | 53.43<br>-1.13<br>2.04   | 50.71<br>-1.24<br>2.10   | 44.96<br>-1.20<br>2.03   | 44.51<br>-1.15<br>2.15   | 44.51<br>-1.34<br>2.03   | 46.48<br>-1.42<br>1.01   | 45.82<br>-1.29<br>0.77  | 45.28<br>-1.38<br>0.77  | 36.63<br>-1.40<br>0.74  | 32.42<br>-1.15<br>0.33  | 39.28<br>-1.30<br>0.00 |
| ALLEGHENY___COGEN<br>23514  | 34.68<br>-2.73<br>0.00  | 30.67<br>-2.70<br>0.00  | 25.98<br>-2.47<br>0.00  | 25.33<br>-2.60<br>0.00  | 25.39<br>-2.57<br>0.00  | 25.53<br>-2.40<br>0.00  | 30.83<br>-2.98<br>0.00  | 29.29<br>-2.36<br>-2.12 | 40.52<br>-3.22<br>-1.89 | 50.16<br>-3.33<br>-4.51 | 52.88<br>-3.16<br>-6.71 | 57.34<br>-2.77<br>-9.70  | 58.69<br>-2.91<br>-10.62 | 68.85<br>-3.17<br>-15.42 | 69.88<br>-2.86<br>-18.69 | 61.72<br>-2.65<br>-16.18 | 62.40<br>-2.73<br>-17.32 | 59.78<br>-2.63<br>-14.53 | 53.14<br>-3.03<br>-7.26  | 50.13<br>-3.26<br>-5.51 | 49.64<br>-3.32<br>-5.53 | 41.44<br>-2.60<br>-5.27 | 33.84<br>-2.41<br>-2.35 | 37.74<br>-2.84<br>0.00 |
| AMERICAN_REF_FUEL<br>24010  | 35.09<br>-2.32<br>0.00  | 30.70<br>-2.67<br>0.00  | 25.98<br>-2.47<br>0.00  | 25.33<br>-2.60<br>0.00  | 25.36<br>-2.60<br>0.00  | 25.53<br>-2.40<br>0.00  | 30.33<br>-3.48<br>0.00  | 28.22<br>-3.16<br>-1.85 | 38.60<br>-4.90<br>-1.65 | 47.67<br>-5.24<br>-3.93 | 49.49<br>-5.43<br>-5.59 | 53.59<br>-5.04<br>-8.22  | 55.03<br>-5.20<br>-9.25  | 63.40<br>-5.89<br>-12.69 | 63.12<br>-5.57<br>-14.64 | 55.75<br>-5.06<br>-12.62 | 56.11<br>-5.07<br>-13.37 | 55.70<br>-4.84<br>-12.66 | 49.95<br>-5.28<br>-6.32  | 47.27<br>-5.41<br>-4.80 | 46.80<br>-5.45<br>-4.82 | 39.44<br>-3.92<br>-4.59 | 33.00<br>-2.95<br>-2.05 | 37.90<br>-2.68<br>0.00 |
| ARTHUR_KILL_GT_1<br>23520   | 46.58<br>3.85<br>-5.32  | 45.41<br>3.64<br>-8.40  | 44.27<br>3.10<br>-12.72 | 43.51<br>2.88<br>-12.70 | 43.52<br>2.88<br>-12.68 | 44.01<br>2.99<br>-13.09 | 45.79<br>3.69<br>-8.29  | 47.29<br>3.48<br>-14.28 | 58.09<br>5.11<br>-11.13 | 81.75<br>6.22<br>-26.55 | 93.31<br>6.27<br>-37.71 | 112.49<br>6.55<br>-55.53 | 120.15<br>6.73<br>-62.44 | 149.88<br>7.58<br>-85.70 | 152.51<br>7.08<br>-91.38 | 139.17<br>5.78<br>-85.20 | 143.86<br>5.79<br>-90.26 | 139.28<br>5.94<br>-85.46 | 97.60<br>6.02<br>-42.67  | 86.10<br>5.84<br>-32.38 | 85.90<br>5.93<br>-32.54 | 74.47<br>4.73<br>-30.97 | 51.89<br>4.14<br>-13.85 | 47.63<br>4.67<br>-2.38 |
| ARTHUR_KILL_2<br>23512      | 46.51<br>3.78<br>-5.32  | 45.34<br>3.57<br>-8.40  | 44.21<br>3.04<br>-12.72 | 43.48<br>2.85<br>-12.70 | 43.49<br>2.85<br>-12.68 | 43.98<br>2.96<br>-13.09 | 45.75<br>3.65<br>-8.29  | 47.24<br>3.43<br>-14.28 | 57.88<br>4.90<br>-11.13 | 81.46<br>5.93<br>-26.55 | 93.01<br>5.97<br>-37.71 | 112.19<br>6.25<br>-55.53 | 119.84<br>6.42<br>-62.44 | 149.54<br>7.24<br>-85.70 | 152.19<br>6.76<br>-91.38 | 138.88<br>5.49<br>-85.20 | 143.57<br>5.50<br>-90.26 | 138.99<br>5.79<br>-85.46 | 97.30<br>6.02<br>-42.67  | 85.81<br>5.55<br>-32.38 | 85.61<br>5.64<br>-32.54 | 74.28<br>4.54<br>-30.97 | 51.85<br>4.10<br>-13.85 | 47.63<br>4.67<br>-2.38 |
| ARTHUR_KILL_3<br>23513      | 46.64<br>3.93<br>-5.30  | 45.49<br>3.74<br>-8.38  | 44.33<br>3.19<br>-12.69 | 43.63<br>3.02<br>-12.68 | 43.64<br>3.02<br>-12.66 | 44.10<br>3.10<br>-13.07 | 45.90<br>3.82<br>-8.27  | 47.42<br>3.63<br>-14.26 | 58.01<br>5.02<br>-11.14 | 81.37<br>5.83<br>-26.56 | 92.97<br>5.92<br>-37.72 | 112.10<br>6.15<br>-55.54 | 119.75<br>6.32<br>-62.45 | 149.21<br>6.91<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.23<br>5.83<br>-85.21 | 143.90<br>5.83<br>-90.26 | 139.29<br>5.94<br>-85.47 | 97.36<br>5.77<br>-42.68  | 85.91<br>5.65<br>-32.38 | 85.53<br>5.55<br>-32.55 | 74.12<br>4.38<br>-30.97 | 51.89<br>4.14<br>-13.85 | 47.48<br>4.54<br>-2.36 |
| ASHOKAN____<br>23654        | 40.48<br>3.07<br>0.00   | 36.24<br>2.87<br>0.00   | 30.95<br>2.50<br>0.00   | 30.30<br>2.37<br>0.00   | 30.34<br>2.38<br>0.00   | 30.39<br>2.46<br>0.00   | 36.89<br>3.08<br>0.00   | 46.61<br>3.54<br>-13.54 | 59.29<br>5.36<br>-12.08 | 84.09<br>6.32<br>-28.79 | 96.44<br>6.22<br>-40.89 | 117.12<br>6.50<br>-60.21 | 125.36<br>6.68<br>-67.70 | 156.81<br>7.30<br>-92.91 | 159.80<br>7.14<br>-98.61 | 147.35<br>6.79<br>-92.37 | 152.18<br>6.69<br>-97.68 | 147.23<br>6.85<br>-92.50 | 101.95<br>6.85<br>-46.19 | 89.39<br>6.46<br>-35.05 | 88.58<br>5.93<br>-35.22 | 77.49<br>5.20<br>-33.52 | 52.89<br>4.00<br>-14.99 | 44.15<br>3.57<br>0.00  |
| ASTORIA 5-9____<br>23662    | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.76<br>6.81<br>-55.54 | 120.26<br>6.83<br>-62.45 | 149.88<br>7.58<br>-85.70 | 152.63<br>7.19<br>-91.39 | 139.03<br>5.64<br>-85.20 | 143.71<br>5.64<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68  | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA GT2____<br>23536    | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68  | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA GT3____<br>23731    | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68  | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA GT4____<br>23727    | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68  | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA_GT2_1<br>24094      | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68  | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA_GT2_2<br>24095      | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68  | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA_GT2_3<br>24096      | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68  | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA_GT2_4<br>24097      | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68  | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA_GT3_1<br>24098      | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68  | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |

|                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                          |                          |                         |                         |                         |                         |                         |                        |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| ASTORIA_GT3_2<br>24099 | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA_GT3_3<br>24100 | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA_GT3_4<br>24101 | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA_GT4_1<br>24102 | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA_GT4_2<br>24103 | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA_GT4_3<br>24104 | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA_GT4_4<br>24105 | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.60<br>6.65<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.66<br>7.36<br>-85.70 | 152.41<br>6.97<br>-91.39 | 138.84<br>5.45<br>-85.20 | 143.52<br>5.45<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA_GT_1<br>23523  | 54.34<br>4.12<br>-12.81 | 54.10<br>3.90<br>-16.83 | 53.71<br>3.33<br>-21.93 | 52.40<br>3.18<br>-21.29 | 52.41<br>3.19<br>-21.26 | 52.95<br>3.27<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.35<br>5.36<br>-11.14 | 99.48<br>6.47<br>-44.03 | 94.80<br>6.61<br>-38.86 | 112.50<br>6.55<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.67<br>7.36<br>-85.71 | 152.52<br>7.08<br>-91.39 | 139.23<br>5.83<br>-85.21 | 143.90<br>5.83<br>-90.26 | 139.43<br>6.08<br>-85.47 | 97.90<br>6.31<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.15<br>6.17<br>-32.55 | 74.67<br>4.92<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.93<br>4.79<br>-9.56 |
| ASTORIA_GT_10<br>24110 | 54.34<br>4.12<br>-12.81 | 54.10<br>3.90<br>-16.83 | 53.71<br>3.33<br>-21.93 | 52.40<br>3.18<br>-21.29 | 52.41<br>3.19<br>-21.26 | 52.95<br>3.27<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.35<br>5.36<br>-11.14 | 99.48<br>6.47<br>-44.03 | 94.80<br>6.61<br>-38.86 | 112.50<br>6.55<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.67<br>7.36<br>-85.71 | 152.52<br>7.08<br>-91.39 | 139.23<br>5.83<br>-85.21 | 143.90<br>5.83<br>-90.26 | 139.43<br>6.08<br>-85.47 | 97.90<br>6.31<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.15<br>6.17<br>-32.55 | 74.67<br>4.92<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.93<br>4.79<br>-9.56 |
| ASTORIA_GT_11<br>24225 | 54.34<br>4.12<br>-12.81 | 54.10<br>3.90<br>-16.83 | 53.71<br>3.33<br>-21.93 | 52.40<br>3.18<br>-21.29 | 52.41<br>3.19<br>-21.26 | 52.95<br>3.27<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.35<br>5.36<br>-11.14 | 99.48<br>6.47<br>-44.03 | 94.80<br>6.61<br>-38.86 | 112.50<br>6.55<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.67<br>7.36<br>-85.71 | 152.52<br>7.08<br>-91.39 | 139.23<br>5.83<br>-85.21 | 143.90<br>5.83<br>-90.26 | 139.43<br>6.08<br>-85.47 | 97.90<br>6.31<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.15<br>6.17<br>-32.55 | 74.67<br>4.92<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.93<br>4.79<br>-9.56 |
| ASTORIA_GT_12<br>24226 | 54.34<br>4.12<br>-12.81 | 54.10<br>3.90<br>-16.83 | 53.71<br>3.33<br>-21.93 | 52.40<br>3.18<br>-21.29 | 52.41<br>3.19<br>-21.26 | 52.95<br>3.27<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.35<br>5.36<br>-11.14 | 99.48<br>6.47<br>-44.03 | 94.80<br>6.61<br>-38.86 | 112.50<br>6.55<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.67<br>7.36<br>-85.71 | 152.52<br>7.08<br>-91.39 | 139.23<br>5.83<br>-85.21 | 143.90<br>5.83<br>-90.26 | 139.43<br>6.08<br>-85.47 | 97.90<br>6.31<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.15<br>6.17<br>-32.55 | 74.67<br>4.92<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.93<br>4.79<br>-9.56 |
| ASTORIA_GT_13<br>24227 | 54.34<br>4.12<br>-12.81 | 54.10<br>3.90<br>-16.83 | 53.71<br>3.33<br>-21.93 | 52.40<br>3.18<br>-21.29 | 52.41<br>3.19<br>-21.26 | 52.95<br>3.27<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.35<br>5.36<br>-11.14 | 99.48<br>6.47<br>-44.03 | 94.80<br>6.61<br>-38.86 | 112.50<br>6.55<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.67<br>7.36<br>-85.71 | 152.52<br>7.08<br>-91.39 | 139.23<br>5.83<br>-85.21 | 143.90<br>5.83<br>-90.26 | 139.43<br>6.08<br>-85.47 | 97.90<br>6.31<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.15<br>6.17<br>-32.55 | 74.67<br>4.92<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.93<br>4.79<br>-9.56 |
| ASTORIA_GT_5<br>24106  | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.76<br>6.81<br>-55.54 | 120.26<br>6.83<br>-62.45 | 149.88<br>7.58<br>-85.70 | 152.63<br>7.19<br>-91.39 | 139.03<br>5.64<br>-85.20 | 143.71<br>5.64<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA_GT_7<br>24107  | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.76<br>6.81<br>-55.54 | 120.26<br>6.83<br>-62.45 | 149.88<br>7.58<br>-85.70 | 152.63<br>7.19<br>-91.39 | 139.03<br>5.64<br>-85.20 | 143.71<br>5.64<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA_GT_8<br>24108  | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.76<br>6.81<br>-55.54 | 120.26<br>6.83<br>-62.45 | 149.88<br>7.58<br>-85.70 | 152.63<br>7.19<br>-91.39 | 139.03<br>5.64<br>-85.20 | 143.71<br>5.64<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |
| ASTORIA___2<br>24149   | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.76<br>6.81<br>-55.54 | 120.26<br>6.83<br>-62.45 | 149.88<br>7.58<br>-85.70 | 152.63<br>7.19<br>-91.39 | 139.03<br>5.64<br>-85.20 | 143.71<br>5.64<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55 | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56 |

|                              |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                           |                           |                           |                         |                          |                         |                         |                         |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA___3<br>23516         | 53.89<br>3.67<br>-12.81 | 53.64<br>3.44<br>-16.83 | 53.28<br>2.90<br>-21.93 | 52.13<br>2.91<br>-21.29 | 52.13<br>2.91<br>-21.26 | 52.56<br>2.88<br>-21.75 | 53.67<br>3.52<br>-16.34 | 52.58<br>3.37<br>-19.68 | 57.84<br>4.85<br>-11.14 | 99.08<br>6.07<br>-44.03 | 94.36<br>6.17<br>-38.86 | 112.05<br>6.10<br>-55.54 | 119.60<br>6.17<br>-62.45 | 149.15<br>6.85<br>-85.70 | 151.87<br>6.43<br>-91.39 | 138.40<br>5.01<br>-85.20 | 143.04<br>4.97<br>-90.26  | 138.95<br>5.60<br>-85.47  | 97.22<br>5.63<br>-42.68   | 85.72<br>5.46<br>-32.38 | 85.58<br>5.60<br>-32.55  | 74.25<br>4.50<br>-30.98 | 53.71<br>3.97<br>-15.84 | 54.48<br>4.34<br>-9.56  |
| ASTORIA___4<br>23517         | 54.11<br>3.89<br>-12.81 | 53.87<br>3.67<br>-16.83 | 53.48<br>3.10<br>-21.93 | 52.40<br>3.18<br>-21.29 | 52.41<br>3.19<br>-21.26 | 52.78<br>3.10<br>-21.75 | 53.90<br>3.75<br>-16.34 | 52.84<br>3.63<br>-19.68 | 58.14<br>5.15<br>-11.14 | 99.43<br>6.42<br>-44.03 | 94.70<br>6.51<br>-38.86 | 112.45<br>6.50<br>-55.54 | 119.96<br>6.53<br>-62.45 | 149.54<br>7.24<br>-85.70 | 152.25<br>6.81<br>-91.39 | 138.74<br>5.35<br>-85.20 | 143.38<br>5.31<br>-90.26  | 139.34<br>5.99<br>-85.47  | 97.56<br>5.97<br>-42.68   | 86.05<br>5.79<br>-32.38 | 85.91<br>5.93<br>-32.55  | 74.52<br>4.77<br>-30.98 | 53.94<br>4.20<br>-15.84 | 54.73<br>4.59<br>-9.56  |
| ASTORIA___5<br>23518         | 54.30<br>4.08<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.38<br>3.16<br>-21.29 | 52.38<br>3.16<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.18<br>5.19<br>-11.14 | 99.18<br>6.17<br>-44.03 | 94.46<br>6.27<br>-38.86 | 112.40<br>6.45<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.61<br>7.30<br>-85.71 | 152.47<br>7.03<br>-91.39 | 139.18<br>5.78<br>-85.21 | 143.86<br>5.79<br>-90.26  | 139.34<br>5.99<br>-85.47  | 97.56<br>5.97<br>-42.68   | 86.10<br>5.84<br>-32.38 | 85.86<br>5.88<br>-32.55  | 74.48<br>4.73<br>-30.98 | 54.08<br>4.34<br>-15.84 | 54.81<br>4.67<br>-9.56  |
| ASTRIA 10-13___<br>23663     | 54.34<br>4.12<br>-12.81 | 54.10<br>3.90<br>-16.83 | 53.71<br>3.33<br>-21.93 | 52.40<br>3.18<br>-21.29 | 52.41<br>3.19<br>-21.26 | 52.95<br>3.27<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.35<br>5.36<br>-11.14 | 99.48<br>6.47<br>-44.03 | 94.80<br>6.61<br>-38.86 | 112.50<br>6.55<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.67<br>7.36<br>-85.71 | 152.52<br>7.08<br>-91.39 | 139.23<br>5.83<br>-85.21 | 143.90<br>5.83<br>-90.26  | 139.43<br>6.08<br>-85.47  | 97.90<br>6.31<br>-42.68   | 86.39<br>6.13<br>-32.38 | 86.15<br>6.17<br>-32.55  | 74.67<br>4.92<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.93<br>4.79<br>-9.56  |
| BARRETT 1-8___GRP4<br>24034  | 40.66<br>3.48<br>0.23   | 39.06<br>3.84<br>-1.85  | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.57<br>3.16<br>-7.45  | 38.67<br>3.24<br>-7.50  | 39.38<br>3.92<br>-1.65  | 44.56<br>3.07<br>-11.96 | 57.80<br>4.81<br>-11.14 | 80.68<br>5.14<br>-26.56 | 83.73<br>5.33<br>-29.07 | 111.64<br>5.70<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.15<br>6.85<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.52<br>6.12<br>-85.21 | 174.48<br>6.17<br>-120.50 | 174.47<br>6.27<br>-120.32 | 174.46<br>6.21<br>-119.34 | 86.20<br>5.94<br>-32.38 | 125.97<br>5.88<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.02<br>4.38<br>-46.06 |
| BARRETT 9-12___GRP3<br>24033 | 40.66<br>3.48<br>0.23   | 39.06<br>3.84<br>-1.85  | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.57<br>3.16<br>-7.45  | 38.67<br>3.24<br>-7.50  | 39.38<br>3.92<br>-1.65  | 44.56<br>3.07<br>-11.96 | 57.80<br>4.81<br>-11.14 | 80.68<br>5.14<br>-26.56 | 83.73<br>5.33<br>-29.07 | 111.64<br>5.70<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.15<br>6.85<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.52<br>6.12<br>-85.21 | 174.48<br>6.17<br>-120.50 | 174.47<br>6.27<br>-120.32 | 174.46<br>6.21<br>-119.34 | 86.20<br>5.94<br>-32.38 | 125.97<br>5.88<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.02<br>4.38<br>-46.06 |
| BARRETT_IC_1<br>23704        | 40.66<br>3.48<br>0.23   | 39.06<br>3.84<br>-1.85  | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.57<br>3.16<br>-7.45  | 38.67<br>3.24<br>-7.50  | 39.38<br>3.92<br>-1.65  | 44.56<br>3.07<br>-11.96 | 57.80<br>4.81<br>-11.14 | 80.68<br>5.14<br>-26.56 | 83.73<br>5.33<br>-29.07 | 111.64<br>5.70<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.15<br>6.85<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.52<br>6.12<br>-85.21 | 174.48<br>6.17<br>-120.50 | 174.47<br>6.27<br>-120.32 | 174.46<br>6.21<br>-119.34 | 86.20<br>5.94<br>-32.38 | 125.97<br>5.88<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.02<br>4.38<br>-46.06 |
| BARRETT_IC_10<br>23701       | 40.66<br>3.48<br>0.23   | 39.06<br>3.84<br>-1.85  | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.57<br>3.16<br>-7.45  | 38.67<br>3.24<br>-7.50  | 39.38<br>3.92<br>-1.65  | 44.56<br>3.07<br>-11.96 | 57.80<br>4.81<br>-11.14 | 80.68<br>5.14<br>-26.56 | 83.73<br>5.33<br>-29.07 | 111.64<br>5.70<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.15<br>6.85<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.52<br>6.12<br>-85.21 | 174.48<br>6.17<br>-120.50 | 174.47<br>6.27<br>-120.32 | 174.46<br>6.21<br>-119.34 | 86.20<br>5.94<br>-32.38 | 125.97<br>5.88<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.02<br>4.38<br>-46.06 |
| BARRETT_IC_11<br>23702       | 40.66<br>3.48<br>0.23   | 39.06<br>3.84<br>-1.85  | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.57<br>3.16<br>-7.45  | 38.67<br>3.24<br>-7.50  | 39.38<br>3.92<br>-1.65  | 44.56<br>3.07<br>-11.96 | 57.80<br>4.81<br>-11.14 | 80.68<br>5.14<br>-26.56 | 83.73<br>5.33<br>-29.07 | 111.64<br>5.70<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.15<br>6.85<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.52<br>6.12<br>-85.21 | 174.48<br>6.17<br>-120.50 | 174.47<br>6.27<br>-120.32 | 174.46<br>6.21<br>-119.34 | 86.20<br>5.94<br>-32.38 | 125.97<br>5.88<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.02<br>4.38<br>-46.06 |
| BARRETT_IC_12<br>23703       | 40.66<br>3.48<br>0.23   | 39.06<br>3.84<br>-1.85  | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.57<br>3.16<br>-7.45  | 38.67<br>3.24<br>-7.50  | 39.38<br>3.92<br>-1.65  | 44.56<br>3.07<br>-11.96 | 57.80<br>4.81<br>-11.14 | 80.68<br>5.14<br>-26.56 | 83.73<br>5.33<br>-29.07 | 111.64<br>5.70<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.15<br>6.85<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.52<br>6.12<br>-85.21 | 174.48<br>6.17<br>-120.50 | 174.47<br>6.27<br>-120.32 | 174.46<br>6.21<br>-119.34 | 86.20<br>5.94<br>-32.38 | 125.97<br>5.88<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.02<br>4.38<br>-46.06 |
| BARRETT_IC_2<br>23705        | 40.66<br>3.48<br>0.23   | 39.06<br>3.84<br>-1.85  | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.57<br>3.16<br>-7.45  | 38.67<br>3.24<br>-7.50  | 39.38<br>3.92<br>-1.65  | 44.56<br>3.07<br>-11.96 | 57.80<br>4.81<br>-11.14 | 80.68<br>5.14<br>-26.56 | 83.73<br>5.33<br>-29.07 | 111.64<br>5.70<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.15<br>6.85<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.52<br>6.12<br>-85.21 | 174.48<br>6.17<br>-120.50 | 174.47<br>6.27<br>-120.32 | 174.46<br>6.21<br>-119.34 | 86.20<br>5.94<br>-32.38 | 125.97<br>5.88<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.02<br>4.38<br>-46.06 |
| BARRETT_IC_3<br>23706        | 40.66<br>3.48<br>0.23   | 39.06<br>3.84<br>-1.85  | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.57<br>3.16<br>-7.45  | 38.67<br>3.24<br>-7.50  | 39.38<br>3.92<br>-1.65  | 44.56<br>3.07<br>-11.96 | 57.80<br>4.81<br>-11.14 | 80.68<br>5.14<br>-26.56 | 83.73<br>5.33<br>-29.07 | 111.64<br>5.70<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.15<br>6.85<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.52<br>6.12<br>-85.21 | 174.48<br>6.17<br>-120.50 | 174.47<br>6.27<br>-120.32 | 174.46<br>6.21<br>-119.34 | 86.20<br>5.94<br>-32.38 | 125.97<br>5.88<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.02<br>4.38<br>-46.06 |
| BARRETT_IC_4<br>23707        | 40.66<br>3.48<br>0.23   | 39.06<br>3.84<br>-1.85  | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.57<br>3.16<br>-7.45  | 38.67<br>3.24<br>-7.50  | 39.38<br>3.92<br>-1.65  | 44.56<br>3.07<br>-11.96 | 57.80<br>4.81<br>-11.14 | 80.68<br>5.14<br>-26.56 | 83.73<br>5.33<br>-29.07 | 111.64<br>5.70<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.15<br>6.85<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.52<br>6.12<br>-85.21 | 174.48<br>6.17<br>-120.50 | 174.47<br>6.27<br>-120.32 | 174.46<br>6.21<br>-119.34 | 86.20<br>5.94<br>-32.38 | 125.97<br>5.88<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.02<br>4.38<br>-46.06 |
| BARRETT_IC_5<br>23708        | 40.66<br>3.48<br>0.23   | 39.06<br>3.84<br>-1.85  | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.57<br>3.16<br>-7.45  | 38.67<br>3.24<br>-7.50  | 39.38<br>3.92<br>-1.65  | 44.56<br>3.07<br>-11.96 | 57.80<br>4.81<br>-11.14 | 80.68<br>5.14<br>-26.56 | 83.73<br>5.33<br>-29.07 | 111.64<br>5.70<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.15<br>6.85<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.52<br>6.12<br>-85.21 | 174.48<br>6.17<br>-120.50 | 174.47<br>6.27<br>-120.32 | 174.46<br>6.21<br>-119.34 | 86.20<br>5.94<br>-32.38 | 125.97<br>5.88<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.02<br>4.38<br>-46.06 |
| BARRETT_IC_6<br>23709        | 40.66<br>3.48<br>0.23   | 39.06<br>3.84<br>-1.85  | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.57<br>3.16<br>-7.45  | 38.67<br>3.24<br>-7.50  | 39.38<br>3.92<br>-1.65  | 44.56<br>3.07<br>-11.96 | 57.80<br>4.81<br>-11.14 | 80.68<br>5.14<br>-26.56 | 83.73<br>5.33<br>-29.07 | 111.64<br>5.70<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.15<br>6.85<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.52<br>6.12<br>-85.21 | 174.48<br>6.17<br>-120.50 | 174.47<br>6.27<br>-120.32 | 174.46<br>6.21<br>-119.34 | 86.20<br>5.94<br>-32.38 | 125.97<br>5.88<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.02<br>4.38<br>-46.06 |
| BARRETT_IC_7<br>23710        | 40.66<br>3.48<br>0.23   | 39.06<br>3.84<br>-1.85  | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.57<br>3.16<br>-7.45  | 38.67<br>3.24<br>-7.50  | 39.38<br>3.92<br>-1.65  | 44.56<br>3.07<br>-11.96 | 57.80<br>4.81<br>-11.14 | 80.68<br>5.14<br>-26.56 | 83.73<br>5.33<br>-29.07 | 111.64<br>5.70<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.15<br>6.85<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.52<br>6.12<br>-85.21 | 174.48<br>6.17<br>-120.50 | 174.47<br>6.27<br>-120.32 | 174.46<br>6.21<br>-119.34 | 86.20<br>5.94<br>-32.38 | 125.97<br>5.88<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.02<br>4.38<br>-46.06 |

|                             |                        |                        |                         |                         |                         |                         |                        |                         |                         |                         |                         |                          |                          |                           |                           |                           |                           |                           |                           |                         |                          |                         |                         |                         |
|-----------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_8<br>23711       | 40.66<br>3.48<br>0.23  | 39.06<br>3.84<br>-1.85 | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.57<br>3.16<br>-7.45  | 38.67<br>3.24<br>-7.50  | 39.38<br>3.92<br>-1.65 | 44.56<br>3.07<br>-11.96 | 57.80<br>4.81<br>-11.14 | 80.68<br>5.14<br>-26.56 | 83.73<br>5.33<br>-29.07 | 111.64<br>5.70<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.15<br>6.85<br>-85.70  | 152.25<br>6.81<br>-91.39  | 139.52<br>6.12<br>-85.21  | 174.48<br>6.17<br>-120.50 | 174.47<br>6.27<br>-120.32 | 174.46<br>6.21<br>-119.34 | 86.20<br>5.94<br>-32.38 | 125.97<br>5.88<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.02<br>4.38<br>-46.06 |
| BARRETT_IC_9<br>23700       | 40.66<br>3.48<br>0.23  | 39.06<br>3.84<br>-1.85 | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.57<br>3.16<br>-7.45  | 38.67<br>3.24<br>-7.50  | 39.38<br>3.92<br>-1.65 | 44.56<br>3.07<br>-11.96 | 57.80<br>4.81<br>-11.14 | 80.68<br>5.14<br>-26.56 | 83.73<br>5.33<br>-29.07 | 111.64<br>5.70<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.15<br>6.85<br>-85.70  | 152.25<br>6.81<br>-91.39  | 139.52<br>6.12<br>-85.21  | 174.48<br>6.17<br>-120.50 | 174.47<br>6.27<br>-120.32 | 174.46<br>6.21<br>-119.34 | 86.20<br>5.94<br>-32.38 | 125.97<br>5.88<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.02<br>4.38<br>-46.06 |
| BARRETT___1<br>23545        | 40.40<br>3.22<br>0.23  | 38.96<br>3.74<br>-1.85 | 37.79<br>3.27<br>-6.07  | 38.58<br>3.07<br>-7.58  | 38.49<br>3.08<br>-7.45  | 38.61<br>3.18<br>-7.50  | 39.28<br>3.82<br>-1.65 | 44.35<br>2.86<br>-11.96 | 57.47<br>4.48<br>-11.14 | 80.29<br>4.75<br>-26.56 | 83.33<br>4.93<br>-29.07 | 111.18<br>5.24<br>-55.53 | 119.34<br>5.91<br>-62.45 | 148.64<br>6.34<br>-85.70  | 151.76<br>6.32<br>-91.39  | 139.09<br>5.69<br>-85.21  | 174.10<br>5.79<br>-120.50 | 174.04<br>5.84<br>-120.32 | 174.02<br>5.77<br>-119.34 | 85.81<br>5.55<br>-32.38 | 125.59<br>5.50<br>-72.66 | 89.49<br>4.34<br>-46.38 | 78.92<br>3.80<br>-41.22 | 90.78<br>4.14<br>-46.06 |
| BARRETT___2<br>23546        | 40.40<br>3.22<br>0.23  | 38.89<br>3.67<br>-1.85 | 37.73<br>3.21<br>-6.07  | 38.50<br>2.99<br>-7.58  | 38.43<br>3.02<br>-7.45  | 38.53<br>3.10<br>-7.50  | 39.18<br>3.72<br>-1.65 | 44.35<br>2.86<br>-11.96 | 57.51<br>4.52<br>-11.14 | 80.29<br>4.75<br>-26.56 | 83.33<br>4.93<br>-29.07 | 111.23<br>5.29<br>-55.53 | 119.40<br>5.97<br>-62.45 | 148.70<br>6.40<br>-85.70  | 151.82<br>6.38<br>-91.39  | 139.13<br>5.73<br>-85.21  | 174.10<br>5.79<br>-120.50 | 174.09<br>5.89<br>-120.32 | 174.07<br>5.82<br>-119.34 | 85.81<br>5.55<br>-32.38 | 125.59<br>5.50<br>-72.66 | 89.49<br>4.34<br>-46.38 | 78.95<br>3.83<br>-41.22 | 90.74<br>4.10<br>-46.06 |
| BEAVER RIVER___HYD<br>24048 | 36.96<br>-0.45<br>0.00 | 32.87<br>-0.50<br>0.00 | 27.99<br>-0.46<br>0.00  | 27.46<br>-0.47<br>0.00  | 27.48<br>-0.48<br>0.00  | 27.40<br>-0.53<br>0.00  | 33.37<br>-0.44<br>0.00 | 29.35<br>-0.18<br>0.00  | 41.81<br>-0.04<br>0.00  | 48.29<br>-0.69<br>0.00  | 48.74<br>-0.59<br>0.00  | 49.75<br>-0.66<br>0.00   | 50.32<br>-0.66<br>0.00   | 55.92<br>-0.68<br>0.00    | 53.01<br>-0.70<br>0.34    | 47.61<br>-0.58<br>0.00    | 47.19<br>-0.62<br>0.00    | 47.11<br>-0.77<br>0.00    | 48.03<br>-0.88<br>0.00    | 46.92<br>-0.96<br>0.00  | 46.48<br>-0.95<br>0.00   | 37.37<br>-1.40<br>0.00  | 33.09<br>-0.81<br>0.00  | 40.17<br>-0.41<br>0.00  |
| BEEBEE_GT_13<br>23619       | 36.74<br>-0.67<br>0.00 | 32.27<br>-1.10<br>0.00 | 27.28<br>-1.17<br>0.00  | 26.65<br>-1.28<br>0.00  | 26.67<br>-1.29<br>0.00  | 26.81<br>-1.12<br>0.00  | 32.39<br>-1.42<br>0.00 | 29.81<br>-1.18<br>-1.46 | 41.85<br>-1.30<br>-3.11 | 51.16<br>-0.93<br>-4.23 | 52.87<br>-0.69<br>-4.23 | 56.56<br>-0.20<br>-6.35  | 58.09<br>-0.20<br>-7.31  | 66.06<br>-0.06<br>-9.52   | 63.97<br>0.05<br>-9.87    | 57.10<br>-0.05<br>-8.96   | 56.83<br>-0.19<br>-9.21   | 57.53<br>-0.19<br>-9.84   | 53.29<br>-0.54<br>-4.92   | 50.80<br>-0.81<br>-3.73 | 50.14<br>-1.04<br>-3.75  | 41.72<br>-0.62<br>-3.57 | 34.89<br>-0.61<br>-1.60 | 40.26<br>-0.32<br>0.00  |
| BETHLEHEM___STEEL<br>23779  | 35.09<br>-2.32<br>0.00 | 30.73<br>-2.64<br>0.00 | 26.00<br>-2.45<br>0.00  | 25.33<br>-2.60<br>0.00  | 25.39<br>-2.57<br>0.00  | 25.56<br>-2.37<br>0.00  | 30.53<br>-3.28<br>0.00 | 28.90<br>-2.66<br>-2.03 | 39.98<br>-3.68<br>-1.81 | 49.48<br>-3.82<br>-4.32 | 53.21<br>-3.75<br>-7.63 | 57.42<br>-3.28<br>-10.29 | 57.72<br>-3.42<br>-10.16 | 70.77<br>-3.96<br>-18.13  | 73.91<br>-3.68<br>-23.54  | 67.02<br>-3.37<br>-22.20  | 68.66<br>-3.39<br>-24.24  | 58.47<br>-3.16<br>-13.75  | 52.11<br>-3.67<br>-6.87   | 49.26<br>-3.83<br>-5.21 | 48.78<br>-3.89<br>-5.24  | 40.88<br>-2.87<br>-4.98 | 33.66<br>-2.47<br>-2.23 | 37.94<br>-2.64<br>0.00  |
| BINGHAMTON___COGEN<br>23790 | 37.15<br>-0.26<br>0.00 | 33.04<br>-0.33<br>0.00 | 28.11<br>-0.34<br>0.00  | 27.51<br>-0.42<br>0.00  | 27.54<br>-0.42<br>0.00  | 27.59<br>-0.34<br>0.00  | 33.47<br>-0.34<br>0.00 | 33.76<br>0.12<br>-4.11  | 46.36<br>0.84<br>-3.67  | 58.60<br>0.88<br>-8.74  | 63.13<br>1.13<br>-12.67 | 70.11<br>1.21<br>-18.49  | 72.70<br>1.17<br>-20.55  | 86.84<br>1.30<br>-28.94   | 93.41<br>1.41<br>-37.95   | 78.85<br>1.16<br>-29.50   | 80.37<br>1.15<br>-31.41   | 77.24<br>1.24<br>-28.12   | 64.08<br>1.13<br>-14.04   | 59.55<br>1.01<br>-10.66 | 59.18<br>1.04<br>-10.71  | 49.81<br>0.85<br>-10.19 | 38.80<br>0.34<br>-4.56  | 40.38<br>-0.20<br>0.00  |
| BLACK RIVER___HYD<br>24047  | 37.07<br>-0.34<br>0.00 | 32.94<br>-0.43<br>0.00 | 28.02<br>-0.43<br>0.00  | 27.46<br>-0.47<br>0.00  | 27.48<br>-0.48<br>0.00  | 27.37<br>-0.56<br>0.00  | 33.44<br>-0.37<br>0.00 | 29.86<br>-0.06<br>-0.39 | 42.41<br>0.21<br>-0.35  | 49.08<br>-0.73<br>-0.83 | 49.96<br>-0.54<br>-1.17 | 51.43<br>-0.71<br>-1.73  | 52.21<br>-0.71<br>-1.94  | 58.52<br>-0.74<br>-2.66   | 55.52<br>-0.70<br>-2.17   | 50.31<br>-0.53<br>-2.65   | 50.00<br>-0.62<br>-2.81   | 49.82<br>-0.72<br>-2.66   | 49.36<br>-0.88<br>-1.33   | 47.88<br>-1.01<br>-1.01 | 47.44<br>-1.00<br>-1.01  | 38.18<br>-1.55<br>-0.96 | 33.52<br>-0.81<br>-0.43 | 40.34<br>-0.24<br>0.00  |
| BLUE_CIRC_CHEM_DRP<br>24182 | 39.06<br>1.65<br>0.00  | 35.00<br>1.63<br>0.00  | 29.84<br>1.39<br>0.00   | 29.24<br>1.31<br>0.00   | 29.27<br>1.31<br>0.00   | 29.24<br>1.31<br>0.00   | 35.30<br>1.49<br>0.00  | 46.58<br>1.39<br>-15.66 | 57.83<br>2.01<br>-13.97 | 84.73<br>2.45<br>-33.30 | 99.20<br>2.57<br>-47.30 | 122.68<br>2.62<br>-69.65 | 131.94<br>2.65<br>-78.31 | 166.80<br>2.72<br>-107.48 | 169.94<br>2.70<br>-113.19 | 157.46<br>2.41<br>-106.86 | 163.40<br>2.39<br>-113.20 | 157.51<br>2.44<br>-107.19 | 104.97<br>2.54<br>-53.52  | 90.98<br>2.49<br>-40.61 | 90.72<br>2.47<br>-40.82  | 79.55<br>1.94<br>-38.84 | 52.96<br>1.69<br>-17.37 | 42.37<br>1.79<br>0.00   |
| BOC_GAS_DRP<br>24189        | 38.98<br>1.57<br>0.00  | 34.90<br>1.53<br>0.00  | 29.79<br>1.34<br>0.00   | 29.19<br>1.26<br>0.00   | 29.22<br>1.26<br>0.00   | 29.16<br>1.23<br>0.00   | 35.30<br>1.49<br>0.00  | 46.74<br>1.39<br>-15.82 | 57.97<br>2.01<br>-14.11 | 84.97<br>2.35<br>-33.64 | 99.53<br>2.42<br>-47.78 | 123.24<br>2.47<br>-70.36 | 132.54<br>2.45<br>-79.11 | 167.78<br>2.60<br>-108.58 | 170.93<br>2.59<br>-114.29 | 158.45<br>2.31<br>-107.95 | 164.45<br>2.29<br>-114.35 | 158.51<br>2.35<br>-108.28 | 105.38<br>2.40<br>-54.07  | 91.26<br>2.35<br>-41.03 | 91.03<br>2.37<br>-41.23  | 79.87<br>1.86<br>-39.24 | 53.11<br>1.66<br>-17.55 | 42.32<br>1.74<br>0.00   |
| BOWLINE___1<br>23526        | 40.29<br>2.88<br>0.00  | 36.31<br>2.94<br>0.00  | 30.98<br>2.53<br>0.00   | 30.33<br>2.40<br>0.00   | 30.36<br>2.40<br>0.00   | 30.39<br>2.46<br>0.00   | 36.72<br>2.91<br>0.00  | 44.64<br>2.92<br>-12.19 | 57.03<br>4.31<br>-10.87 | 80.04<br>5.14<br>-25.92 | 91.38<br>5.23<br>-36.82 | 110.07<br>5.44<br>-54.22 | 117.55<br>5.61<br>-60.96 | 146.37<br>6.11<br>-83.66  | 149.41<br>6.00<br>-89.36  | 136.67<br>5.30<br>-83.18  | 141.23<br>5.31<br>-88.11  | 136.73<br>5.41<br>-83.44  | 95.90<br>5.33<br>-41.66   | 84.61<br>5.12<br>-31.61 | 84.18<br>4.98<br>-31.77  | 73.04<br>4.03<br>-30.24 | 50.81<br>3.39<br>-13.52 | 44.03<br>3.45<br>0.00   |
| BOWLINE___2<br>23595        | 40.33<br>2.92<br>0.00  | 36.27<br>2.90<br>0.00  | 30.98<br>2.53<br>0.00   | 30.30<br>2.37<br>0.00   | 30.34<br>2.38<br>0.00   | 30.39<br>2.46<br>0.00   | 36.75<br>2.94<br>0.00  | 44.61<br>2.89<br>-12.19 | 56.99<br>4.27<br>-10.87 | 79.99<br>5.09<br>-25.92 | 91.33<br>5.18<br>-36.82 | 110.02<br>5.39<br>-54.22 | 117.50<br>5.56<br>-60.96 | 146.32<br>6.06<br>-83.66  | 149.36<br>5.95<br>-89.36  | 136.62<br>5.25<br>-83.18  | 141.18<br>5.26<br>-88.11  | 136.68<br>5.36<br>-83.44  | 95.85<br>5.28<br>-41.66   | 84.57<br>5.08<br>-31.61 | 84.13<br>4.93<br>-31.77  | 73.00<br>3.99<br>-30.24 | 50.81<br>3.39<br>-13.52 | 44.03<br>3.45<br>0.00   |
| BROOKHAVEN___DRP<br>24191   | 40.55<br>3.37<br>0.23  | 38.92<br>3.70<br>-1.85 | 37.71<br>3.19<br>-6.07  | 38.53<br>3.02<br>-7.58  | 38.43<br>3.02<br>-7.45  | 38.56<br>3.13<br>-7.50  | 39.28<br>3.82<br>-1.65 | 44.38<br>3.07<br>-11.78 | 57.93<br>4.94<br>-11.14 | 80.98<br>5.44<br>-26.56 | 80.46<br>4.98<br>-26.15 | 110.97<br>5.04<br>-55.52 | 119.19<br>5.76<br>-62.45 | 148.47<br>6.17<br>-85.70  | 151.71<br>6.27<br>-91.39  | 139.09<br>5.69<br>-85.21  | 174.09<br>5.79<br>-120.49 | 174.09<br>5.89<br>-120.32 | 174.07<br>5.82<br>-119.34 | 85.77<br>5.51<br>-32.38 | 125.59<br>5.50<br>-72.66 | 89.84<br>4.69<br>-46.38 | 79.63<br>4.51<br>-41.22 | 91.51<br>4.87<br>-46.06 |
| BROOKLYN_NAVY_YARD<br>23515 | 44.57<br>4.08<br>-3.08 | 43.34<br>3.90<br>-6.07 | 42.23<br>3.33<br>-10.45 | 41.74<br>3.16<br>-10.65 | 41.75<br>3.16<br>-10.63 | 42.22<br>3.24<br>-11.05 | 43.85<br>3.96<br>-6.08 | 45.77<br>3.75<br>-12.49 | 58.39<br>5.40<br>-11.14 | 82.01<br>6.47<br>-26.56 | 93.66<br>6.61<br>-37.72 | 112.81<br>6.86<br>-55.54 | 120.52<br>7.09<br>-62.45 | 150.00<br>7.70<br>-85.70  | 152.95<br>7.51<br>-91.39  | 139.86<br>6.46<br>-85.21  | 144.52<br>6.45<br>-90.26  | 139.91<br>6.56<br>-85.47  | 98.05<br>6.46<br>-42.68   | 86.53<br>6.27<br>-32.38 | 86.19<br>6.21<br>-32.55  | 74.63<br>4.89<br>-30.97 | 52.12<br>4.37<br>-13.85 | 45.37<br>4.79<br>0.00   |
| BURROWS___LYONSDAL<br>23803 | 37.71<br>0.30<br>0.00  | 33.60<br>0.23<br>0.00  | 28.59<br>0.14<br>0.00   | 28.04<br>0.11<br>0.00   | 28.07<br>0.11<br>0.00   | 28.01<br>0.08<br>0.00   | 34.08<br>0.27<br>0.00  | 29.94<br>0.41<br>0.00   | 42.65<br>0.80<br>0.00   | 49.57<br>0.59<br>0.00   | 50.02<br>0.69<br>0.00   | 51.12<br>0.71<br>0.00    | 51.64<br>0.66<br>0.00    | 57.34<br>0.74<br>0.00     | 54.62<br>0.76<br>0.19     | 48.82<br>0.63<br>0.00     | 48.38<br>0.57<br>0.00     | 48.41<br>0.53<br>0.00     | 49.40<br>0.49<br>0.00     | 48.26<br>0.38<br>0.00   | 47.81<br>0.38<br>0.00    | 38.65<br>-0.12<br>0.00  | 33.97<br>0.07<br>0.00   | 40.99<br>0.41<br>0.00   |

|                                |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                           |                           |                           |                           |                           |                           |                         |                          |                         |                         |                         |
|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| CALPINE BETH_PAGE_GT4<br>24209 | 40.92<br>3.74<br>0.23   | 39.19<br>3.97<br>-1.85  | 37.93<br>3.41<br>-6.07  | 38.75<br>3.24<br>-7.58  | 38.65<br>3.24<br>-7.45  | 38.78<br>3.35<br>-7.50  | 39.52<br>4.06<br>-1.65  | 44.74<br>3.34<br>-11.87 | 58.05<br>5.06<br>-11.14 | 81.32<br>5.78<br>-26.56 | 82.92<br>5.97<br>-27.62  | 112.23<br>6.30<br>-55.52 | 120.31<br>6.88<br>-62.45 | 149.77<br>7.47<br>-85.70  | 152.85<br>7.41<br>-91.39  | 140.05<br>6.65<br>-85.21  | 175.04<br>6.74<br>-120.49 | 175.05<br>6.85<br>-120.32 | 175.00<br>6.75<br>-119.34 | 86.77<br>6.51<br>-32.38 | 126.54<br>6.45<br>-72.66 | 90.27<br>5.12<br>-46.38 | 79.63<br>4.51<br>-41.22 | 91.63<br>4.99<br>-46.06 |
| CALSPAN___DRP<br>24200         | 35.09<br>-2.32<br>0.00  | 30.73<br>-2.64<br>0.00  | 26.00<br>-2.45<br>0.00  | 25.33<br>-2.60<br>0.00  | 25.39<br>-2.57<br>0.00  | 25.56<br>-2.37<br>0.00  | 30.53<br>-3.28<br>0.00  | 28.90<br>-2.66<br>-2.03 | 39.98<br>-3.68<br>-1.81 | 49.48<br>-3.82<br>-4.32 | 53.21<br>-3.75<br>-7.63  | 57.42<br>-3.28<br>-10.29 | 57.72<br>-3.42<br>-10.16 | 70.77<br>-3.96<br>-18.13  | 73.91<br>-3.68<br>-23.54  | 67.02<br>-3.37<br>-22.20  | 68.66<br>-3.39<br>-24.24  | 58.47<br>-3.16<br>-13.75  | 52.11<br>-3.67<br>-6.87   | 49.26<br>-3.83<br>-5.21 | 48.78<br>-3.89<br>-5.24  | 40.88<br>-2.87<br>-4.98 | 33.66<br>-2.47<br>-2.23 | 37.94<br>-2.64<br>0.00  |
| CARR STREET_E__SYR<br>24060    | 36.92<br>-0.49<br>0.00  | 32.84<br>-0.53<br>0.00  | 27.94<br>-0.51<br>0.00  | 27.34<br>-0.59<br>0.00  | 27.37<br>-0.59<br>0.00  | 27.37<br>-0.56<br>0.00  | 33.17<br>-0.64<br>0.00  | 29.97<br>-0.59<br>-1.03 | 41.97<br>-0.80<br>-0.92 | 49.84<br>-1.32<br>-2.18 | 51.15<br>-1.28<br>-3.10  | 53.57<br>-1.41<br>-4.57  | 54.64<br>-1.48<br>-5.14  | 62.07<br>-1.58<br>-7.05   | 58.63<br>-1.46<br>-6.04   | 53.85<br>-1.35<br>-7.01   | 53.85<br>-1.39<br>-7.43   | 53.62<br>-1.29<br>-7.03   | 51.15<br>-1.27<br>-3.51   | 49.25<br>-1.29<br>-2.66 | 48.88<br>-1.23<br>-2.68  | 40.54<br>-0.78<br>-2.55 | 34.57<br>-0.47<br>-1.14 | 40.09<br>-0.49<br>0.00  |
| CARTHAGE___PAPER<br>23857      | 37.04<br>-0.37<br>0.00  | 32.90<br>-0.47<br>0.00  | 28.02<br>-0.43<br>0.00  | 27.46<br>-0.47<br>0.00  | 27.48<br>-0.48<br>0.00  | 27.37<br>-0.56<br>0.00  | 33.40<br>-0.41<br>0.00  | 29.76<br>-0.09<br>-0.32 | 42.27<br>0.13<br>-0.29  | 48.53<br>-1.13<br>-0.68 | 49.31<br>-0.99<br>-0.97  | 50.62<br>-1.21<br>-1.42  | 51.36<br>-1.22<br>-1.60  | 57.49<br>-1.30<br>-2.19   | 54.57<br>-1.24<br>-1.76   | 49.41<br>-0.96<br>-2.18   | 49.12<br>-1.00<br>-2.31   | 48.92<br>-1.15<br>-2.19   | 48.73<br>-1.27<br>-1.09   | 47.32<br>-1.39<br>-0.83 | 46.88<br>-1.38<br>-0.83  | 37.74<br>-1.82<br>-0.79 | 33.44<br>-0.81<br>-0.35 | 40.26<br>-0.32<br>0.00  |
| CE_DUNWOOD___DRP<br>24194      | 41.01<br>3.48<br>-0.12  | 36.94<br>3.34<br>-0.23  | 31.72<br>2.87<br>-0.40  | 31.05<br>2.71<br>-0.41  | 31.08<br>2.71<br>-0.41  | 31.14<br>2.79<br>-0.42  | 37.42<br>3.38<br>-0.23  | 45.31<br>3.31<br>-12.47 | 57.78<br>4.81<br>-11.12 | 81.22<br>5.73<br>-26.51 | 92.85<br>5.87<br>-37.65  | 111.94<br>6.10<br>-55.43 | 119.58<br>6.27<br>-62.33 | 149.00<br>6.85<br>-85.55  | 151.98<br>6.70<br>-91.23  | 139.12<br>5.88<br>-85.05  | 143.78<br>5.88<br>-90.09  | 139.18<br>5.99<br>-85.31  | 97.38<br>5.87<br>-42.60   | 85.90<br>5.70<br>-32.32 | 85.52<br>5.60<br>-32.49  | 74.19<br>4.50<br>-30.92 | 51.58<br>3.86<br>-13.82 | 44.68<br>4.10<br>0.00   |
| CE_MILLWOOD___DRP<br>24193     | 40.84<br>3.33<br>-0.10  | 36.77<br>3.20<br>-0.20  | 31.55<br>2.76<br>-0.34  | 30.88<br>2.60<br>-0.35  | 30.91<br>2.60<br>-0.35  | 30.97<br>2.68<br>-0.36  | 37.29<br>3.28<br>-0.20  | 45.16<br>3.19<br>-12.44 | 57.64<br>4.69<br>-11.10 | 81.02<br>5.58<br>-26.46 | 92.63<br>5.72<br>-37.58  | 111.69<br>5.95<br>-55.33 | 119.32<br>6.12<br>-62.22 | 148.67<br>6.68<br>-85.39  | 151.67<br>6.54<br>-91.08  | 138.82<br>5.73<br>-84.90  | 143.48<br>5.74<br>-89.93  | 138.88<br>5.84<br>-85.16  | 97.15<br>5.72<br>-42.52   | 85.70<br>5.55<br>-32.27 | 85.31<br>5.45<br>-32.43  | 74.01<br>4.38<br>-30.86 | 51.46<br>3.76<br>-13.80 | 44.52<br>3.94<br>0.00   |
| CE_NYC2_DRP<br>24202           | 54.34<br>4.12<br>-12.81 | 54.10<br>3.90<br>-16.83 | 53.71<br>3.33<br>-21.93 | 52.38<br>3.16<br>-21.29 | 52.41<br>3.19<br>-21.26 | 52.92<br>3.24<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.35<br>5.36<br>-11.14 | 99.48<br>6.47<br>-44.03 | 94.75<br>6.56<br>-38.86  | 112.70<br>6.75<br>-55.54 | 120.36<br>6.93<br>-62.45 | 149.95<br>7.64<br>-85.71  | 152.79<br>7.35<br>-91.39  | 139.52<br>6.12<br>-85.21  | 144.19<br>6.12<br>-90.26  | 139.67<br>6.32<br>-85.47  | 97.90<br>6.31<br>-42.68   | 86.39<br>6.13<br>-32.38 | 86.15<br>6.17<br>-32.55  | 74.67<br>4.92<br>-30.98 | 54.11<br>4.37<br>-15.84 | 54.93<br>4.79<br>-9.56  |
| CE_NYC_DRP<br>24195            | 44.34<br>4.00<br>-2.93  | 42.99<br>3.84<br>-5.78  | 41.68<br>3.27<br>-9.96  | 41.19<br>3.10<br>-10.16 | 41.23<br>3.13<br>-10.14 | 41.64<br>3.18<br>-10.53 | 43.50<br>3.89<br>-5.80  | 45.71<br>3.69<br>-12.49 | 58.30<br>5.31<br>-11.14 | 81.91<br>6.37<br>-26.56 | 93.56<br>6.51<br>-37.72  | 112.70<br>6.75<br>-55.54 | 120.36<br>6.93<br>-62.45 | 149.88<br>7.58<br>-85.70  | 152.85<br>7.41<br>-91.39  | 139.81<br>6.41<br>-85.21  | 144.43<br>6.36<br>-90.26  | 139.86<br>6.51<br>-85.47  | 97.95<br>6.36<br>-42.68   | 86.44<br>6.18<br>-32.38 | 86.10<br>6.12<br>-32.55  | 74.59<br>4.85<br>-30.97 | 52.05<br>4.30<br>-13.85 | 45.29<br>4.71<br>0.00   |
| CH_MIDHUDSON___DRP<br>24192    | 40.59<br>3.18<br>0.00   | 36.41<br>3.04<br>0.00   | 31.07<br>2.62<br>0.00   | 30.42<br>2.49<br>0.00   | 30.45<br>2.49<br>0.00   | 30.47<br>2.54<br>0.00   | 36.92<br>3.11<br>0.00   | 45.96<br>3.19<br>-13.24 | 58.35<br>4.69<br>-11.81 | 82.58<br>5.44<br>-28.16 | 94.80<br>5.48<br>-39.99  | 115.00<br>5.70<br>-58.89 | 123.05<br>5.86<br>-66.21 | 153.81<br>6.34<br>-90.87  | 156.83<br>6.22<br>-96.56  | 144.13<br>5.59<br>-90.35  | 149.10<br>5.59<br>-95.70  | 144.20<br>5.70<br>-90.62  | 99.83<br>5.67<br>-45.25   | 87.68<br>5.46<br>-34.34 | 87.16<br>5.22<br>-34.51  | 75.99<br>4.38<br>-32.84 | 52.27<br>3.69<br>-14.68 | 44.39<br>3.81<br>0.00   |
| CH_MISC_IPPS<br>23765          | 40.44<br>3.03<br>0.00   | 36.31<br>2.94<br>0.00   | 30.98<br>2.53<br>0.00   | 30.30<br>2.37<br>0.00   | 30.34<br>2.38<br>0.00   | 30.39<br>2.46<br>0.00   | 36.85<br>3.04<br>0.00   | 45.56<br>3.22<br>-12.81 | 58.08<br>4.81<br>-11.42 | 81.30<br>5.09<br>-27.23 | 93.09<br>5.08<br>-38.68  | 112.71<br>5.34<br>-56.96 | 120.48<br>5.46<br>-64.04 | 150.44<br>5.94<br>-87.90  | 153.52<br>5.89<br>-93.58  | 140.93<br>5.35<br>-87.39  | 145.69<br>5.31<br>-92.57  | 141.00<br>5.46<br>-87.66  | 98.06<br>5.38<br>-43.77   | 86.21<br>5.12<br>-33.21 | 85.70<br>4.89<br>-33.38  | 75.08<br>4.54<br>-31.77 | 51.83<br>3.73<br>-14.20 | 44.52<br>3.94<br>0.00   |
| CH_RES_BVR_FALLS<br>23983      | 37.11<br>-0.30<br>0.00  | 33.10<br>-0.27<br>0.00  | 28.22<br>-0.23<br>0.00  | 27.73<br>-0.20<br>0.00  | 27.76<br>-0.20<br>0.00  | 27.73<br>-0.20<br>0.00  | 33.57<br>-0.24<br>0.00  | 28.49<br>-0.35<br>0.69  | 40.53<br>-0.71<br>0.61  | 46.79<br>-0.73<br>1.46  | 46.47<br>-0.79<br>2.07   | 46.60<br>-0.76<br>3.05   | 46.80<br>-0.76<br>3.42   | 51.11<br>-0.79<br>4.70    | 48.57<br>-0.81<br>4.67    | 42.80<br>-0.72<br>4.67    | 42.14<br>-0.72<br>4.95    | 42.42<br>-0.77<br>4.69    | 45.79<br>-0.78<br>2.34    | 45.33<br>-0.77<br>1.78  | 44.88<br>-0.76<br>1.79   | 36.53<br>-0.54<br>1.70  | 32.67<br>-0.47<br>0.76  | 39.89<br>-0.69<br>0.00  |
| CH_RES_NIAGARA<br>23895        | 35.13<br>-2.28<br>0.00  | 30.73<br>-2.64<br>0.00  | 25.98<br>-2.47<br>0.00  | 25.33<br>-2.60<br>0.00  | 25.39<br>-2.57<br>0.00  | 25.53<br>-2.40<br>0.00  | 30.33<br>-3.48<br>0.00  | 28.14<br>-3.19<br>-1.80 | 38.40<br>-5.06<br>-1.61 | 47.38<br>-5.44<br>-3.84 | 48.52<br>-5.67<br>-4.86  | 52.64<br>-5.29<br>-7.52  | 54.54<br>-5.46<br>-9.02  | 61.09<br>-6.23<br>-10.72  | 59.58<br>-5.84<br>-11.37  | 51.84<br>-5.35<br>-9.00   | 51.68<br>-5.31<br>-9.18   | 55.14<br>-5.08<br>-12.34  | 49.54<br>-5.53<br>-6.16   | 46.96<br>-5.60<br>-4.68 | 46.49<br>-5.64<br>-4.70  | 39.17<br>-4.07<br>-4.47 | 32.88<br>-3.02<br>-2.00 | 37.90<br>-2.68<br>0.00  |
| CH_RES_SYRACUSE<br>23985       | 37.07<br>-0.34<br>0.00  | 32.94<br>-0.43<br>0.00  | 27.99<br>-0.46<br>0.00  | 27.43<br>-0.50<br>0.00  | 27.43<br>-0.53<br>0.00  | 27.48<br>-0.45<br>0.00  | 33.40<br>-0.41<br>0.00  | 30.17<br>-0.59<br>-1.23 | 42.07<br>-0.88<br>-1.10 | 50.28<br>-1.32<br>-2.62 | 51.77<br>-1.28<br>-3.72  | 54.48<br>-1.41<br>-5.48  | 55.66<br>-1.48<br>-6.16  | 63.53<br>-1.53<br>-8.46   | 60.42<br>-1.35<br>-7.72   | 55.35<br>-1.25<br>-8.41   | 54.91<br>-1.48<br>-8.58   | 54.61<br>-1.39<br>-8.12   | 51.65<br>-1.32<br>-4.06   | 49.62<br>-1.34<br>-3.08 | 49.24<br>-1.28<br>-3.09  | 40.86<br>-0.85<br>-2.94 | 34.51<br>-0.71<br>-1.32 | 39.69<br>-0.89<br>0.00  |
| CORNELL____<br>23752           | 36.06<br>-1.35<br>0.00  | 31.90<br>-1.47<br>0.00  | 27.08<br>-1.37<br>0.00  | 26.48<br>-1.45<br>0.00  | 26.51<br>-1.45<br>0.00  | 26.62<br>-1.31<br>0.00  | 32.53<br>-1.28<br>0.00  | 30.95<br>-0.89<br>-2.31 | 43.16<br>-0.75<br>-2.06 | 53.05<br>-0.83<br>-4.90 | 55.94<br>-0.54<br>-7.15  | 60.47<br>-0.35<br>-10.41 | 62.05<br>-0.46<br>-11.53 | 72.59<br>-0.34<br>-16.33  | 73.39<br>-0.16<br>-19.50  | 64.65<br>-0.29<br>-16.75  | 65.11<br>-0.38<br>-17.68  | 63.12<br>-0.38<br>-15.62  | 56.07<br>-0.64<br>-7.80   | 52.94<br>-0.86<br>-5.92 | 52.48<br>-0.90<br>-5.95  | 43.46<br>-0.97<br>-5.66 | 35.38<br>-1.05<br>-2.53 | 39.08<br>-1.50<br>0.00  |
| COXSACKIE___GT<br>23611        | 39.95<br>2.54<br>0.00   | 35.77<br>2.40<br>0.00   | 30.56<br>2.11<br>0.00   | 29.89<br>1.96<br>0.00   | 29.92<br>1.96<br>0.00   | 29.94<br>2.01<br>0.00   | 36.35<br>2.54<br>0.00   | 46.42<br>2.89<br>-14.00 | 58.68<br>4.35<br>-12.48 | 83.98<br>5.24<br>-29.76 | 96.78<br>5.18<br>-42.27  | 118.04<br>5.39<br>-62.24 | 126.47<br>5.51<br>-69.98 | 158.70<br>6.06<br>-96.04  | 161.75<br>5.95<br>-101.75 | 149.32<br>5.64<br>-95.49  | 154.55<br>5.59<br>-101.15 | 149.36<br>5.70<br>-95.78  | 102.46<br>5.72<br>-47.83  | 89.53<br>5.36<br>-36.29 | 88.83<br>4.93<br>-36.47  | 77.75<br>4.27<br>-34.71 | 52.74<br>3.32<br>-15.52 | 43.54<br>2.96<br>0.00   |
| CRESCENT___HYD<br>24018        | 39.69<br>2.28<br>0.00   | 35.51<br>2.14<br>0.00   | 30.33<br>1.88<br>0.00   | 29.72<br>1.79<br>0.00   | 29.72<br>1.76<br>0.00   | 29.69<br>1.76<br>0.00   | 36.01<br>2.20<br>0.00   | 47.37<br>1.86<br>-15.98 | 58.69<br>2.59<br>-14.25 | 86.24<br>3.28<br>-33.98 | 101.05<br>3.45<br>-48.27 | 125.11<br>3.63<br>-71.07 | 134.56<br>3.67<br>-79.91 | 170.29<br>4.02<br>-109.67 | 173.38<br>3.95<br>-115.38 | 160.75<br>3.52<br>-109.04 | 166.81<br>3.49<br>-115.51 | 160.79<br>3.54<br>-109.37 | 106.95<br>3.42<br>-54.62  | 92.58<br>3.26<br>-41.44 | 92.31<br>3.23<br>-41.65  | 80.89<br>2.48<br>-39.64 | 53.82<br>2.20<br>-17.72 | 43.10<br>2.52<br>0.00   |

|                                |                        |                        |                         |                         |                         |                         |                        |                         |                         |                         |                         |                          |                           |                           |                           |                           |                            |                            |                            |                          |                           |                         |                         |                         |
|--------------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| CRUCIBLE_METL_DRP<br>24180     | 37.07<br>-0.34<br>0.00 | 32.94<br>-0.43<br>0.00 | 27.99<br>-0.46<br>0.00  | 27.43<br>-0.50<br>0.00  | 27.43<br>-0.53<br>0.00  | 27.48<br>-0.45<br>0.00  | 33.40<br>-0.41<br>0.00 | 30.17<br>-0.59<br>-1.23 | 42.07<br>-0.88<br>-1.10 | 50.28<br>-1.32<br>-2.62 | 51.77<br>-1.28<br>-3.72 | 54.48<br>-1.41<br>-5.48  | 55.66<br>-1.48<br>-6.16   | 63.53<br>-1.53<br>-8.46   | 60.42<br>-1.35<br>-7.72   | 55.35<br>-1.25<br>-8.41   | 54.91<br>-1.48<br>-8.58    | 54.61<br>-1.39<br>-8.12    | 51.65<br>-1.32<br>-4.06    | 49.62<br>-1.34<br>-3.08  | 49.24<br>-1.28<br>-3.09   | 40.86<br>-0.85<br>-2.94 | 34.51<br>-0.71<br>-1.32 | 39.69<br>-0.89<br>0.00  |
| DANSKAMMER___1<br>23586        | 40.44<br>3.03<br>0.00  | 36.31<br>2.94<br>0.00  | 30.98<br>2.53<br>0.00   | 30.30<br>2.37<br>0.00   | 30.34<br>2.38<br>0.00   | 30.39<br>2.46<br>0.00   | 36.85<br>3.04<br>0.00  | 45.56<br>3.22<br>-12.81 | 58.08<br>4.81<br>-11.42 | 81.30<br>5.09<br>-27.23 | 93.09<br>5.08<br>-38.68 | 112.71<br>5.34<br>-56.96 | 120.48<br>5.46<br>-64.04  | 150.44<br>5.94<br>-87.90  | 153.52<br>5.89<br>-93.58  | 140.93<br>5.35<br>-87.39  | 145.69<br>5.31<br>-92.57   | 141.00<br>5.46<br>-87.66   | 98.06<br>5.38<br>-43.77    | 86.21<br>5.12<br>-33.21  | 85.70<br>4.89<br>-33.38   | 75.08<br>4.54<br>-31.77 | 51.83<br>3.73<br>-14.20 | 44.52<br>3.94<br>0.00   |
| DANSKAMMER___2<br>23589        | 40.44<br>3.03<br>0.00  | 36.31<br>2.94<br>0.00  | 30.98<br>2.53<br>0.00   | 30.30<br>2.37<br>0.00   | 30.34<br>2.38<br>0.00   | 30.39<br>2.46<br>0.00   | 36.85<br>3.04<br>0.00  | 45.56<br>3.22<br>-12.81 | 58.08<br>4.81<br>-11.42 | 81.30<br>5.09<br>-27.23 | 93.09<br>5.08<br>-38.68 | 112.71<br>5.34<br>-56.96 | 120.48<br>5.46<br>-64.04  | 150.44<br>5.94<br>-87.90  | 153.52<br>5.89<br>-93.58  | 140.93<br>5.35<br>-87.39  | 145.69<br>5.31<br>-92.57   | 141.00<br>5.46<br>-87.66   | 98.06<br>5.38<br>-43.77    | 86.21<br>5.12<br>-33.21  | 85.70<br>4.89<br>-33.38   | 75.08<br>4.54<br>-31.77 | 51.83<br>3.73<br>-14.20 | 44.52<br>3.94<br>0.00   |
| DANSKAMMER___3<br>23590        | 40.37<br>2.96<br>0.00  | 36.24<br>2.87<br>0.00  | 30.92<br>2.47<br>0.00   | 30.28<br>2.35<br>0.00   | 30.31<br>2.35<br>0.00   | 30.33<br>2.40<br>0.00   | 36.79<br>2.98<br>0.00  | 45.50<br>3.16<br>-12.81 | 58.00<br>4.73<br>-11.42 | 81.06<br>4.85<br>-27.23 | 92.89<br>4.88<br>-38.68 | 112.46<br>5.09<br>-56.96 | 120.27<br>5.25<br>-64.04  | 150.22<br>5.72<br>-87.90  | 153.25<br>5.62<br>-93.58  | 140.69<br>5.11<br>-87.39  | 145.50<br>5.12<br>-92.57   | 140.76<br>5.22<br>-87.66   | 97.86<br>5.18<br>-43.77    | 86.02<br>4.93<br>-33.21  | 85.46<br>4.65<br>-33.38   | 75.00<br>4.42<br>-31.77 | 51.76<br>3.66<br>-14.20 | 44.52<br>3.94<br>0.00   |
| DANSKAMMER___4<br>23591        | 40.40<br>2.99<br>0.00  | 36.24<br>2.87<br>0.00  | 30.92<br>2.47<br>0.00   | 30.28<br>2.35<br>0.00   | 30.31<br>2.35<br>0.00   | 30.33<br>2.40<br>0.00   | 36.79<br>2.98<br>0.00  | 45.53<br>3.19<br>-12.81 | 58.00<br>4.73<br>-11.42 | 81.06<br>4.85<br>-27.23 | 92.89<br>4.88<br>-38.68 | 112.46<br>5.09<br>-56.96 | 120.27<br>5.25<br>-64.04  | 150.22<br>5.72<br>-87.90  | 153.25<br>5.62<br>-93.58  | 140.69<br>5.11<br>-87.39  | 145.50<br>5.12<br>-92.57   | 140.76<br>5.22<br>-87.66   | 97.86<br>5.18<br>-43.77    | 86.02<br>4.93<br>-33.21  | 85.46<br>4.65<br>-33.38   | 75.00<br>4.46<br>-31.77 | 51.76<br>3.66<br>-14.20 | 44.52<br>3.94<br>0.00   |
| DANSKAMMER___DIESEL<br>23592   | 40.44<br>3.03<br>0.00  | 36.31<br>2.94<br>0.00  | 30.98<br>2.53<br>0.00   | 30.30<br>2.37<br>0.00   | 30.34<br>2.38<br>0.00   | 30.39<br>2.46<br>0.00   | 36.85<br>3.04<br>0.00  | 45.56<br>3.22<br>-12.81 | 58.08<br>4.81<br>-11.42 | 81.30<br>5.09<br>-27.23 | 93.09<br>5.08<br>-38.68 | 112.71<br>5.34<br>-56.96 | 120.48<br>5.46<br>-64.04  | 150.44<br>5.94<br>-87.90  | 153.52<br>5.89<br>-93.58  | 140.93<br>5.35<br>-87.39  | 145.69<br>5.31<br>-92.57   | 141.00<br>5.46<br>-87.66   | 98.06<br>5.38<br>-43.77    | 86.21<br>5.12<br>-33.21  | 85.70<br>4.89<br>-33.38   | 75.08<br>4.54<br>-31.77 | 51.83<br>3.73<br>-14.20 | 44.52<br>3.94<br>0.00   |
| DASHVILLE___HYD<br>23610       | 40.74<br>3.33<br>0.00  | 36.57<br>3.20<br>0.00  | 31.21<br>2.76<br>0.00   | 30.56<br>2.63<br>0.00   | 30.56<br>2.60<br>0.00   | 30.61<br>2.68<br>0.00   | 37.12<br>3.31<br>0.00  | 46.08<br>3.63<br>-12.92 | 58.78<br>5.40<br>-11.53 | 82.68<br>6.22<br>-27.48 | 94.53<br>6.17<br>-39.03 | 114.33<br>6.45<br>-57.47 | 122.22<br>6.63<br>-64.61  | 152.47<br>7.19<br>-88.68  | 155.50<br>7.08<br>-94.37  | 142.87<br>6.51<br>-88.17  | 147.54<br>6.50<br>-93.23   | 142.82<br>6.66<br>-88.28   | 99.64<br>6.65<br>-44.08    | 87.65<br>6.32<br>-33.45  | 86.98<br>5.93<br>-33.62   | 75.92<br>5.16<br>-31.99 | 52.38<br>4.17<br>-14.31 | 44.64<br>4.06<br>0.00   |
| DOGLEVILLE___HYD<br>23807      | 39.36<br>1.95<br>0.00  | 35.07<br>1.70<br>0.00  | 29.82<br>1.37<br>0.00   | 29.21<br>1.28<br>0.00   | 29.27<br>1.31<br>0.00   | 29.27<br>1.34<br>0.00   | 35.57<br>1.76<br>0.00  | 31.13<br>1.92<br>0.32   | 44.70<br>3.14<br>0.29   | 52.17<br>3.87<br>0.68   | 52.55<br>4.19<br>0.97   | 53.43<br>4.44<br>1.42    | 53.87<br>4.49<br>1.60     | 59.39<br>4.98<br>2.19     | 56.64<br>4.86<br>2.27     | 50.30<br>4.29<br>2.18     | 49.71<br>4.21<br>2.31      | 50.00<br>4.31<br>2.19      | 52.08<br>4.26<br>1.09      | 51.12<br>4.07<br>0.83    | 50.63<br>4.03<br>0.83     | 41.08<br>3.10<br>0.79   | 35.85<br>2.30<br>0.35   | 43.06<br>2.48<br>0.00   |
| DUNKIRK___1<br>23563           | 33.63<br>-3.78<br>0.00 | 29.47<br>-3.90<br>0.00 | 24.98<br>-3.47<br>0.00  | 24.27<br>-3.66<br>0.00  | 24.35<br>-3.61<br>0.00  | 24.55<br>-3.38<br>0.00  | 29.55<br>-4.26<br>0.00 | 28.74<br>-2.98<br>-2.19 | 40.62<br>-3.18<br>-1.95 | 50.36<br>-3.28<br>-4.66 | 54.71<br>-2.86<br>-8.24 | 59.14<br>-2.37<br>-11.10 | 59.44<br>-2.50<br>-10.96  | 73.18<br>-3.00<br>-19.58  | 77.14<br>-2.65<br>-25.74  | 69.73<br>-2.46<br>-24.00  | 71.64<br>-2.39<br>-26.22   | 60.52<br>-2.20<br>-14.84   | 53.48<br>-2.84<br>-7.41    | 50.48<br>-3.02<br>-5.62  | 50.04<br>-3.04<br>-5.65   | 41.55<br>-2.60<br>-5.38 | 33.46<br>-2.85<br>-2.41 | 36.48<br>-4.10<br>0.00  |
| DUNKIRK___2<br>23564           | 33.63<br>-3.78<br>0.00 | 29.47<br>-3.90<br>0.00 | 24.98<br>-3.47<br>0.00  | 24.27<br>-3.66<br>0.00  | 24.35<br>-3.61<br>0.00  | 24.55<br>-3.38<br>0.00  | 29.55<br>-4.26<br>0.00 | 28.74<br>-2.98<br>-2.19 | 40.62<br>-3.18<br>-1.95 | 50.36<br>-3.28<br>-4.66 | 54.71<br>-2.86<br>-8.24 | 59.14<br>-2.37<br>-11.10 | 59.44<br>-2.50<br>-10.96  | 73.18<br>-3.00<br>-19.58  | 77.14<br>-2.65<br>-25.74  | 69.73<br>-2.46<br>-24.00  | 71.64<br>-2.39<br>-26.22   | 60.52<br>-2.20<br>-14.84   | 53.48<br>-2.84<br>-7.41    | 50.48<br>-3.02<br>-5.62  | 50.04<br>-3.04<br>-5.65   | 41.55<br>-2.60<br>-5.38 | 33.46<br>-2.85<br>-2.41 | 36.48<br>-4.10<br>0.00  |
| DUNKIRK___3<br>23565           | 34.04<br>-3.37<br>0.00 | 29.83<br>-3.54<br>0.00 | 25.29<br>-3.16<br>0.00  | 24.61<br>-3.32<br>0.00  | 24.69<br>-3.27<br>0.00  | 24.86<br>-3.07<br>0.00  | 29.89<br>-3.92<br>0.00 | 28.94<br>-2.80<br>-2.21 | 40.69<br>-3.14<br>-1.98 | 50.46<br>-3.23<br>-4.71 | 54.79<br>-2.91<br>-8.37 | 59.25<br>-2.42<br>-11.26 | 59.50<br>-2.55<br>-11.07  | 73.53<br>-3.00<br>-19.93  | 77.63<br>-2.70<br>-26.28  | 70.21<br>-2.51<br>-24.53  | 72.31<br>-2.49<br>-26.99   | 60.79<br>-2.25<br>-15.16   | 53.64<br>-2.84<br>-7.57    | 50.60<br>-3.02<br>-5.74  | 50.12<br>-3.08<br>-5.77   | 41.74<br>-2.52<br>-5.49 | 33.72<br>-2.64<br>-2.46 | 36.93<br>-3.65<br>0.00  |
| DUNKIRK___4<br>23566           | 34.04<br>-3.37<br>0.00 | 29.83<br>-3.54<br>0.00 | 25.29<br>-3.16<br>0.00  | 24.61<br>-3.32<br>0.00  | 24.69<br>-3.27<br>0.00  | 24.86<br>-3.07<br>0.00  | 29.89<br>-3.92<br>0.00 | 28.94<br>-2.80<br>-2.21 | 40.69<br>-3.14<br>-1.98 | 50.46<br>-3.23<br>-4.71 | 54.79<br>-2.91<br>-8.37 | 59.25<br>-2.42<br>-11.26 | 59.50<br>-2.55<br>-11.07  | 73.53<br>-3.00<br>-19.93  | 77.63<br>-2.70<br>-26.28  | 70.21<br>-2.51<br>-24.53  | 72.31<br>-2.49<br>-26.99   | 60.79<br>-2.25<br>-15.16   | 53.64<br>-2.84<br>-7.57    | 50.60<br>-3.02<br>-5.74  | 50.12<br>-3.08<br>-5.77   | 41.74<br>-2.52<br>-5.49 | 33.72<br>-2.64<br>-2.46 | 36.93<br>-3.65<br>0.00  |
| EAST HAMPTON___GT<br>23717     | 42.83<br>5.65<br>0.23  | 40.79<br>5.57<br>-1.85 | 39.13<br>4.61<br>-6.07  | 39.98<br>4.47<br>-7.58  | 39.88<br>4.47<br>-7.45  | 40.07<br>4.64<br>-7.50  | 41.24<br>5.78<br>-1.65 | 46.36<br>5.05<br>-11.78 | 61.28<br>8.29<br>-11.14 | 85.09<br>9.55<br>-26.56 | 84.85<br>9.37<br>-26.15 | 115.71<br>9.78<br>-55.52 | 124.14<br>10.71<br>-62.45 | 153.90<br>11.60<br>-85.70 | 156.95<br>11.51<br>-91.39 | 143.81<br>10.41<br>-85.21 | 178.77<br>10.47<br>-120.49 | 178.78<br>10.58<br>-120.32 | 178.82<br>10.57<br>-119.34 | 90.36<br>10.10<br>-32.38 | 130.15<br>10.06<br>-72.66 | 93.49<br>8.34<br>-46.38 | 82.44<br>7.32<br>-41.22 | 94.39<br>7.75<br>-46.06 |
| EAST RIVER___6<br>23660        | 44.53<br>4.04<br>-3.08 | 43.34<br>3.90<br>-6.07 | 42.26<br>3.36<br>-10.45 | 41.79<br>3.21<br>-10.65 | 41.81<br>3.22<br>-10.63 | 42.25<br>3.27<br>-11.05 | 43.85<br>3.96<br>-6.08 | 45.74<br>3.72<br>-12.49 | 58.39<br>5.40<br>-11.14 | 82.05<br>6.51<br>-26.56 | 93.71<br>6.66<br>-37.72 | 112.91<br>6.96<br>-55.54 | 120.62<br>7.19<br>-62.45  | 150.17<br>7.87<br>-85.70  | 153.06<br>7.62<br>-91.39  | 139.95<br>6.55<br>-85.21  | 144.62<br>6.55<br>-90.26   | 139.96<br>6.61<br>-85.47   | 98.00<br>6.41<br>-42.68    | 86.48<br>6.22<br>-32.38  | 86.10<br>6.12<br>-32.55   | 74.63<br>4.89<br>-30.97 | 52.05<br>4.30<br>-13.85 | 45.33<br>4.75<br>0.00   |
| EAST RIVER___7<br>23524        | 44.53<br>4.04<br>-3.08 | 43.34<br>3.90<br>-6.07 | 42.26<br>3.36<br>-10.45 | 41.79<br>3.21<br>-10.65 | 41.81<br>3.22<br>-10.63 | 42.25<br>3.27<br>-11.05 | 43.85<br>3.96<br>-6.08 | 45.74<br>3.72<br>-12.49 | 58.39<br>5.40<br>-11.14 | 82.05<br>6.51<br>-26.56 | 93.71<br>6.66<br>-37.72 | 112.91<br>6.96<br>-55.54 | 120.62<br>7.19<br>-62.45  | 150.17<br>7.87<br>-85.70  | 153.06<br>7.62<br>-91.39  | 139.95<br>6.55<br>-85.21  | 144.62<br>6.55<br>-90.26   | 139.96<br>6.61<br>-85.47   | 98.00<br>6.41<br>-42.68    | 86.48<br>6.22<br>-32.38  | 86.10<br>6.12<br>-32.55   | 74.63<br>4.89<br>-30.97 | 52.05<br>4.30<br>-13.85 | 45.33<br>4.75<br>0.00   |
| EAST_HAMPTON___DIESEL<br>23722 | 42.83<br>5.65<br>0.23  | 40.79<br>5.57<br>-1.85 | 39.13<br>4.61<br>-6.07  | 39.98<br>4.47<br>-7.58  | 39.88<br>4.47<br>-7.45  | 40.07<br>4.64<br>-7.50  | 41.24<br>5.78<br>-1.65 | 46.36<br>5.05<br>-11.78 | 61.28<br>8.29<br>-11.14 | 85.09<br>9.55<br>-26.56 | 84.85<br>9.37<br>-26.15 | 115.71<br>9.78<br>-55.52 | 124.14<br>10.71<br>-62.45 | 153.90<br>11.60<br>-85.70 | 156.95<br>11.51<br>-91.39 | 143.81<br>10.41<br>-85.21 | 178.77<br>10.47<br>-120.49 | 178.78<br>10.58<br>-120.32 | 178.82<br>10.57<br>-119.34 | 90.36<br>10.10<br>-32.38 | 130.15<br>10.06<br>-72.66 | 93.49<br>8.34<br>-46.38 | 82.44<br>7.32<br>-41.22 | 94.39<br>7.75<br>-46.06 |

|                             |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                          |                          |                           |                           |                           |                           |                           |                           |                           |                          |                          |                         |                         |                         |
|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| E_CANADA_CAP_HY<br>24051    | 38.64<br>1.23<br>0.00  | 34.54<br>1.17<br>0.00  | 29.47<br>1.02<br>0.00  | 28.88<br>0.95<br>0.00  | 28.88<br>0.92<br>0.00  | 28.77<br>0.84<br>0.00  | 34.89<br>1.08<br>0.00  | 50.72<br>1.00<br>-20.19 | 61.06<br>1.21<br>-18.00 | 93.71<br>1.81<br>-42.92 | 112.15<br>1.87<br>-60.95 | 142.03<br>1.87<br>-89.75 | 153.79<br>1.89<br>-100.92 | 197.08<br>1.98<br>-138.50 | 201.82<br>2.00<br>-145.77 | 187.62<br>1.73<br>-137.70 | 195.23<br>1.72<br>-145.70 | 187.57<br>1.72<br>-137.97 | 119.37<br>1.57<br>-68.89  | 101.64<br>1.48<br>-52.28 | 101.39<br>1.42<br>-52.54 | 89.70<br>0.93<br>-50.00 | 57.04<br>0.78<br>-22.36 | 41.72<br>1.14<br>0.00   |
| E_CANADA_MHWK_HY<br>24050   | 39.36<br>1.95<br>0.00  | 35.07<br>1.70<br>0.00  | 29.82<br>1.37<br>0.00  | 29.21<br>1.28<br>0.00  | 29.27<br>1.31<br>0.00  | 29.27<br>1.34<br>0.00  | 35.57<br>1.76<br>0.00  | 31.13<br>1.92<br>0.32   | 44.70<br>3.14<br>0.29   | 52.17<br>3.87<br>0.68   | 52.55<br>4.19<br>0.97    | 53.43<br>4.44<br>1.42    | 53.87<br>4.49<br>1.60     | 59.39<br>4.98<br>2.19     | 56.64<br>4.86<br>2.27     | 50.30<br>4.29<br>2.18     | 49.71<br>4.21<br>2.31     | 50.00<br>4.31<br>2.19     | 52.08<br>4.26<br>1.09     | 51.12<br>4.07<br>0.83    | 50.63<br>4.03<br>0.83    | 41.08<br>3.10<br>0.79   | 35.85<br>2.30<br>0.35   | 43.06<br>2.48<br>0.00   |
| E_FISHKILL___LBMP<br>23776  | 40.55<br>3.14<br>0.00  | 36.41<br>3.04<br>0.00  | 31.04<br>2.59<br>0.00  | 30.39<br>2.46<br>0.00  | 30.42<br>2.46<br>0.00  | 30.44<br>2.51<br>0.00  | 36.89<br>3.08<br>0.00  | 45.24<br>3.01<br>-12.70 | 57.61<br>4.44<br>-11.32 | 81.16<br>5.19<br>-26.99 | 93.00<br>5.33<br>-38.34  | 112.35<br>5.49<br>-56.45 | 120.11<br>5.66<br>-63.47  | 149.82<br>6.11<br>-87.11  | 152.86<br>6.00<br>-92.81  | 140.10<br>5.30<br>-86.61  | 144.86<br>5.31<br>-91.74  | 140.16<br>5.41<br>-86.87  | 97.67<br>5.38<br>-43.38   | 86.02<br>5.22<br>-32.92  | 85.59<br>5.08<br>-33.08  | 74.36<br>4.11<br>-31.48 | 51.51<br>3.53<br>-14.08 | 44.27<br>3.69<br>0.00   |
| FAR ROCKAWAY___4<br>23548   | 41.48<br>4.30<br>0.23  | 39.72<br>4.50<br>-1.85 | 38.39<br>3.87<br>-6.07 | 39.17<br>3.66<br>-7.58 | 39.10<br>3.69<br>-7.45 | 39.20<br>3.77<br>-7.50 | 40.09<br>4.63<br>-1.65 | 45.32<br>3.78<br>-12.01 | 58.56<br>5.57<br>-11.14 | 81.81<br>6.27<br>-26.56 | 85.79<br>6.56<br>-29.90  | 113.05<br>7.11<br>-55.53 | 121.23<br>7.80<br>-62.45  | 150.73<br>8.43<br>-85.70  | 153.82<br>8.38<br>-91.39  | 140.92<br>7.52<br>-85.21  | 175.86<br>7.55<br>-120.50 | 175.86<br>7.66<br>-120.32 | 175.83<br>7.58<br>-119.34 | 87.59<br>7.33<br>-32.38  | 127.35<br>7.26<br>-72.66 | 90.85<br>5.70<br>-46.38 | 80.00<br>4.88<br>-41.22 | 92.04<br>5.40<br>-46.06 |
| FENNER___WINDPWR<br>24204   | 38.01<br>0.60<br>0.00  | 33.80<br>0.43<br>0.00  | 28.76<br>0.31<br>0.00  | 28.18<br>0.25<br>0.00  | 28.21<br>0.25<br>0.00  | 28.21<br>0.28<br>0.00  | 34.28<br>0.47<br>0.00  | 30.49<br>0.59<br>-0.37  | 43.27<br>1.09<br>-0.33  | 50.45<br>0.69<br>-0.78  | 51.22<br>0.79<br>-1.10   | 52.84<br>0.81<br>-1.62   | 53.57<br>0.76<br>-1.83    | 60.02<br>0.91<br>-2.51    | 57.20<br>0.92<br>-2.23    | 51.45<br>0.77<br>-2.49    | 51.12<br>0.67<br>-2.64    | 51.05<br>0.67<br>-2.50    | 50.80<br>0.64<br>-1.25    | 49.31<br>0.48<br>-0.95   | 48.90<br>0.52<br>-0.95   | 39.84<br>0.16<br>-0.91  | 34.72<br>0.41<br>-0.41  | 41.27<br>0.69<br>0.00   |
| FIBERTEK___ENERGY<br>23856  | 37.07<br>-0.34<br>0.00 | 32.94<br>-0.43<br>0.00 | 27.99<br>-0.46<br>0.00 | 27.43<br>-0.50<br>0.00 | 27.43<br>-0.53<br>0.00 | 27.48<br>-0.45<br>0.00 | 33.40<br>-0.41<br>0.00 | 30.17<br>-0.59<br>-1.23 | 42.07<br>-0.88<br>-1.10 | 50.28<br>-1.32<br>-2.62 | 51.77<br>-1.28<br>-3.72  | 54.48<br>-1.41<br>-5.48  | 55.66<br>-1.48<br>-6.16   | 63.53<br>-1.53<br>-8.46   | 60.42<br>-1.35<br>-7.72   | 55.35<br>-1.25<br>-8.41   | 54.91<br>-1.48<br>-8.58   | 54.61<br>-1.39<br>-8.12   | 51.65<br>-1.32<br>-4.06   | 49.62<br>-1.34<br>-3.08  | 49.24<br>-1.28<br>-3.09  | 40.86<br>-0.85<br>-2.94 | 34.51<br>-0.71<br>-1.32 | 39.69<br>-0.89<br>0.00  |
| FITZPATRICK____<br>23598    | 36.14<br>-1.27<br>0.00 | 32.17<br>-1.20<br>0.00 | 27.40<br>-1.05<br>0.00 | 26.84<br>-1.09<br>0.00 | 26.87<br>-1.09<br>0.00 | 26.87<br>-1.06<br>0.00 | 32.53<br>-1.28<br>0.00 | 29.17<br>-1.09<br>-0.73 | 40.95<br>-1.55<br>-0.65 | 48.42<br>-2.11<br>-1.55 | 49.37<br>-2.17<br>-2.21  | 51.29<br>-2.37<br>-3.25  | 52.18<br>-2.45<br>-3.65   | 58.95<br>-2.66<br>-5.01   | 55.77<br>-2.54<br>-4.26   | 50.91<br>-2.26<br>-4.98   | 50.84<br>-2.25<br>-5.28   | 50.68<br>-2.20<br>-5.00   | 49.31<br>-2.10<br>-2.50   | 47.71<br>-2.06<br>-1.89  | 47.34<br>-1.99<br>-1.90  | 39.15<br>-1.43<br>-1.81 | 33.56<br>-1.15<br>-0.81 | 39.28<br>-1.30<br>0.00  |
| FORT ORANGE____<br>23900    | 39.62<br>2.21<br>0.00  | 35.47<br>2.10<br>0.00  | 30.27<br>1.82<br>0.00  | 29.63<br>1.70<br>0.00  | 29.67<br>1.71<br>0.00  | 29.63<br>1.70<br>0.00  | 35.94<br>2.13<br>0.00  | 46.81<br>1.68<br>-15.60 | 58.06<br>2.30<br>-13.91 | 85.08<br>2.94<br>-33.16 | 99.48<br>3.06<br>-47.09  | 122.98<br>3.23<br>-69.34 | 132.21<br>3.26<br>-77.97  | 167.12<br>3.51<br>-107.01 | 170.28<br>3.51<br>-112.72 | 157.71<br>3.13<br>-106.39 | 163.62<br>3.11<br>-112.70 | 157.76<br>3.16<br>-106.72 | 105.23<br>3.03<br>-53.29  | 91.24<br>2.92<br>-40.44  | 90.92<br>2.85<br>-40.64  | 79.69<br>2.25<br>-38.67 | 53.33<br>2.14<br>-17.29 | 43.01<br>2.43<br>0.00   |
| FORT_DRUM_COGEN<br>23780    | 37.00<br>-0.41<br>0.00 | 32.87<br>-0.50<br>0.00 | 27.97<br>-0.48<br>0.00 | 27.40<br>-0.53<br>0.00 | 27.43<br>-0.53<br>0.00 | 27.32<br>-0.61<br>0.00 | 33.37<br>-0.44<br>0.00 | 29.78<br>-0.12<br>-0.37 | 42.31<br>0.13<br>-0.33  | 48.93<br>-0.83<br>-0.78 | 49.79<br>-0.64<br>-1.10  | 51.22<br>-0.81<br>-1.62  | 51.99<br>-0.82<br>-1.83   | 58.32<br>-0.79<br>-2.51   | 55.31<br>-0.76<br>-2.02   | 50.05<br>-0.63<br>-2.49   | 49.90<br>-0.72<br>-2.81   | 49.73<br>-0.81<br>-2.66   | 49.31<br>-0.93<br>-1.33   | 47.79<br>-1.10<br>-1.01  | 47.35<br>-1.09<br>-1.01  | 38.10<br>-1.63<br>-0.96 | 33.41<br>-0.92<br>-0.43 | 40.26<br>-0.32<br>0.00  |
| FPL_FAR_ROCK_GT1<br>24212   | 41.48<br>4.30<br>0.23  | 39.72<br>4.50<br>-1.85 | 38.39<br>3.87<br>-6.07 | 39.17<br>3.66<br>-7.58 | 39.10<br>3.69<br>-7.45 | 39.20<br>3.77<br>-7.50 | 40.09<br>4.63<br>-1.65 | 45.32<br>3.78<br>-12.01 | 58.14<br>5.15<br>-11.14 | 81.32<br>5.78<br>-26.56 | 85.25<br>6.02<br>-29.90  | 112.49<br>6.55<br>-55.53 | 120.67<br>7.24<br>-62.45  | 150.11<br>7.81<br>-85.70  | 153.22<br>7.78<br>-91.39  | 140.39<br>6.99<br>-85.21  | 175.39<br>7.08<br>-120.50 | 175.33<br>7.13<br>-120.32 | 175.34<br>7.09<br>-119.34 | 87.06<br>6.80<br>-32.38  | 126.83<br>6.74<br>-72.66 | 90.46<br>5.31<br>-46.38 | 79.66<br>4.54<br>-41.22 | 92.04<br>5.40<br>-46.06 |
| FRANKLIN_FALL_HYD<br>24054  | 36.25<br>-1.16<br>0.00 | 32.30<br>-1.07<br>0.00 | 27.63<br>-0.82<br>0.00 | 27.20<br>-0.73<br>0.00 | 27.23<br>-0.73<br>0.00 | 27.18<br>-0.75<br>0.00 | 32.90<br>-0.91<br>0.00 | 28.27<br>-0.83<br>0.43  | 40.16<br>-1.30<br>0.39  | 46.98<br>-1.08<br>0.92  | 46.89<br>-1.13<br>1.31   | 47.47<br>-1.01<br>1.93   | 47.84<br>-0.97<br>2.17    | 52.60<br>-1.02<br>2.98    | 49.83<br>-1.14<br>3.08    | 44.17<br>-1.06<br>2.96    | 43.84<br>-1.00<br>2.97    | 43.83<br>-1.24<br>2.81    | 46.19<br>-1.32<br>1.40    | 45.61<br>-1.20<br>1.07   | 45.13<br>-1.23<br>1.07   | 36.39<br>-1.36<br>1.02  | 32.29<br>-1.15<br>0.46  | 39.20<br>-1.38<br>0.00  |
| FULTON COGEN____<br>23766   | 36.74<br>-0.67<br>0.00 | 32.67<br>-0.70<br>0.00 | 27.80<br>-0.65<br>0.00 | 27.23<br>-0.70<br>0.00 | 27.26<br>-0.70<br>0.00 | 27.29<br>-0.64<br>0.00 | 33.13<br>-0.68<br>0.00 | 29.88<br>-0.56<br>-0.91 | 41.99<br>-0.67<br>-0.81 | 49.21<br>-1.71<br>-1.94 | 50.31<br>-1.78<br>-2.76  | 52.40<br>-2.07<br>-4.06  | 53.41<br>-2.14<br>-4.57   | 60.55<br>-2.32<br>-6.27   | 57.30<br>-2.11<br>-5.36   | 52.49<br>-1.93<br>-6.23   | 52.62<br>-1.96<br>-6.77   | 52.47<br>-1.82<br>-6.41   | 50.40<br>-1.71<br>-3.20   | 48.63<br>-1.68<br>-2.43  | 48.26<br>-1.61<br>-2.44  | 40.08<br>-1.01<br>-2.32 | 34.43<br>-0.51<br>-1.04 | 39.97<br>-0.61<br>0.00  |
| G.F.CEMENT___DRP<br>24184   | 39.50<br>2.09<br>0.00  | 35.27<br>1.90<br>0.00  | 30.33<br>1.88<br>0.00  | 29.69<br>1.76<br>0.00  | 29.72<br>1.76<br>0.00  | 29.69<br>1.76<br>0.00  | 35.80<br>1.99<br>0.00  | 47.34<br>1.39<br>-16.42 | 58.41<br>1.92<br>-14.64 | 86.63<br>2.74<br>-34.91 | 101.77<br>2.86<br>-49.58 | 126.54<br>3.13<br>-73.00 | 136.27<br>3.21<br>-82.08  | 172.87<br>3.62<br>-112.65 | 176.05<br>3.62<br>-118.38 | 163.32<br>3.13<br>-112.00 | 169.51<br>3.06<br>-118.64 | 163.28<br>3.06<br>-112.34 | 107.90<br>2.89<br>-56.10  | 93.13<br>2.68<br>-42.57  | 92.87<br>2.66<br>-42.78  | 81.38<br>1.90<br>-40.71 | 53.63<br>1.53<br>-18.20 | 42.69<br>2.11<br>0.00   |
| GARDENVILLE___LBMP<br>24039 | 34.98<br>-2.43<br>0.00 | 30.63<br>-2.74<br>0.00 | 25.92<br>-2.53<br>0.00 | 25.25<br>-2.68<br>0.00 | 25.30<br>-2.66<br>0.00 | 25.47<br>-2.46<br>0.00 | 30.43<br>-3.38<br>0.00 | 28.79<br>-2.75<br>-2.01 | 39.87<br>-3.77<br>-1.79 | 49.33<br>-3.92<br>-4.27 | 53.43<br>-3.90<br>-8.00  | 57.53<br>-3.43<br>-10.55 | 57.46<br>-3.57<br>-10.05  | 71.67<br>-4.13<br>-19.20  | 75.66<br>-3.84<br>-25.45  | 69.15<br>-3.52<br>-24.48  | 71.40<br>-3.49<br>-27.08  | 58.33<br>-3.30<br>-13.75  | 51.96<br>-3.82<br>-6.87   | 49.12<br>-3.97<br>-5.21  | 48.64<br>-4.03<br>-5.24  | 40.76<br>-2.99<br>-4.98 | 33.59<br>-2.54<br>-2.23 | 37.82<br>-2.76<br>0.00  |
| GENERAL___MILLS<br>23808    | 35.09<br>-2.32<br>0.00 | 30.73<br>-2.64<br>0.00 | 26.00<br>-2.45<br>0.00 | 25.33<br>-2.60<br>0.00 | 25.39<br>-2.57<br>0.00 | 25.56<br>-2.37<br>0.00 | 30.53<br>-3.28<br>0.00 | 28.90<br>-2.66<br>-2.03 | 39.98<br>-3.68<br>-1.81 | 49.48<br>-3.82<br>-4.32 | 53.21<br>-3.75<br>-7.63  | 57.42<br>-3.28<br>-10.29 | 57.72<br>-3.42<br>-10.16  | 70.77<br>-3.96<br>-18.13  | 73.91<br>-3.68<br>-23.54  | 67.02<br>-3.37<br>-22.20  | 68.66<br>-3.39<br>-24.24  | 58.47<br>-3.16<br>-13.75  | 52.11<br>-3.67<br>-6.87   | 49.26<br>-3.83<br>-5.21  | 48.78<br>-3.89<br>-5.24  | 40.88<br>-2.87<br>-4.98 | 33.66<br>-2.47<br>-2.23 | 37.94<br>-2.64<br>0.00  |
| GE_PLASTICS___DRP<br>24183  | 38.79<br>1.38<br>0.00  | 34.74<br>1.37<br>0.00  | 29.64<br>1.19<br>0.00  | 29.05<br>1.12<br>0.00  | 29.08<br>1.12<br>0.00  | 29.02<br>1.09<br>0.00  | 35.13<br>1.32<br>0.00  | 46.45<br>1.21<br>-15.71 | 57.62<br>1.76<br>-14.01 | 84.49<br>2.11<br>-33.40 | 98.94<br>2.17<br>-47.44  | 122.48<br>2.22<br>-69.85 | 131.76<br>2.24<br>-78.54  | 166.71<br>2.32<br>-107.79 | 169.87<br>2.32<br>-113.50 | 157.43<br>2.07<br>-107.17 | 163.40<br>2.06<br>-113.53 | 157.53<br>2.15<br>-107.50 | 104.74<br>2.15<br>-53.68  | 90.72<br>2.11<br>-40.73  | 90.46<br>2.09<br>-40.94  | 79.36<br>1.63<br>-38.96 | 52.78<br>1.46<br>-17.42 | 42.12<br>1.54<br>0.00   |



|                           |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                           |                           |                           |                         |                          |                         |                         |                         |
|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| GILBOA___1<br>23756       | 39.47<br>2.06<br>0.00   | 35.41<br>2.04<br>0.00   | 30.19<br>1.74<br>0.00   | 29.58<br>1.65<br>0.00   | 29.61<br>1.65<br>0.00   | 29.52<br>1.59<br>0.00   | 35.50<br>1.69<br>0.00   | 43.29<br>1.59<br>-12.17 | 55.09<br>2.39<br>-10.85 | 77.55<br>2.69<br>-25.88 | 88.84<br>2.76<br>-36.75 | 107.09<br>2.57<br>-54.11 | 114.28<br>2.45<br>-60.85 | 142.66<br>2.55<br>-83.51 | 146.03<br>2.54<br>-89.44 | 133.48<br>2.26<br>-83.03 | 138.01<br>2.25<br>-87.95  | 133.46<br>2.30<br>-83.28  | 92.99<br>2.49<br>-41.59   | 82.12<br>2.68<br>-31.56 | 81.89<br>2.75<br>-31.71  | 71.16<br>2.21<br>-30.18 | 49.25<br>1.86<br>-13.49 | 42.49<br>1.91<br>0.00   |
| GILBOA___2<br>23757       | 39.28<br>1.87<br>0.00   | 35.27<br>1.90<br>0.00   | 30.07<br>1.62<br>0.00   | 29.44<br>1.51<br>0.00   | 29.47<br>1.51<br>0.00   | 29.38<br>1.45<br>0.00   | 35.50<br>1.69<br>0.00   | 43.29<br>1.59<br>-12.17 | 55.09<br>2.39<br>-10.85 | 77.55<br>2.69<br>-25.88 | 88.84<br>2.76<br>-36.75 | 107.24<br>2.72<br>-54.11 | 114.48<br>2.65<br>-60.85 | 142.88<br>2.77<br>-83.51 | 146.25<br>2.76<br>-89.44 | 133.68<br>2.46<br>-83.03 | 138.20<br>2.44<br>-87.95  | 133.70<br>2.54<br>-83.28  | 93.14<br>2.64<br>-41.59   | 82.12<br>2.68<br>-31.56 | 81.89<br>2.75<br>-31.71  | 71.16<br>2.21<br>-30.18 | 49.25<br>1.86<br>-13.49 | 42.49<br>1.91<br>0.00   |
| GILBOA___3<br>23758       | 39.47<br>2.06<br>0.00   | 35.41<br>2.04<br>0.00   | 30.19<br>1.74<br>0.00   | 29.58<br>1.65<br>0.00   | 29.61<br>1.65<br>0.00   | 29.52<br>1.59<br>0.00   | 35.64<br>1.83<br>0.00   | 43.29<br>1.59<br>-12.17 | 55.09<br>2.39<br>-10.85 | 77.55<br>2.69<br>-25.88 | 88.84<br>2.76<br>-36.75 | 107.24<br>2.72<br>-54.11 | 114.28<br>2.45<br>-60.85 | 142.60<br>2.49<br>-83.51 | 145.98<br>2.49<br>-89.44 | 133.44<br>2.22<br>-83.03 | 137.96<br>2.20<br>-87.95  | 133.46<br>2.30<br>-83.28  | 93.14<br>2.64<br>-41.59   | 82.12<br>2.68<br>-31.56 | 81.89<br>2.75<br>-31.71  | 71.16<br>2.21<br>-30.18 | 49.25<br>1.86<br>-13.49 | 42.49<br>1.91<br>0.00   |
| GILBOA___4<br>23759       | 39.28<br>1.87<br>0.00   | 35.41<br>2.04<br>0.00   | 30.19<br>1.74<br>0.00   | 29.58<br>1.65<br>0.00   | 29.61<br>1.65<br>0.00   | 29.38<br>1.45<br>0.00   | 35.50<br>1.69<br>0.00   | 43.29<br>1.59<br>-12.17 | 55.09<br>2.39<br>-10.85 | 77.36<br>2.50<br>-25.88 | 88.69<br>2.61<br>-36.75 | 107.09<br>2.57<br>-54.11 | 114.28<br>2.45<br>-60.85 | 142.66<br>2.55<br>-83.51 | 146.03<br>2.54<br>-89.44 | 133.48<br>2.26<br>-83.03 | 138.01<br>2.25<br>-87.95  | 133.46<br>2.30<br>-83.28  | 92.95<br>2.45<br>-41.59   | 81.93<br>2.49<br>-31.56 | 81.89<br>2.75<br>-31.71  | 71.16<br>2.21<br>-30.18 | 49.25<br>1.86<br>-13.49 | 42.49<br>1.91<br>0.00   |
| GILBOA____<br>23599       | 39.28<br>1.87<br>0.00   | 35.27<br>1.90<br>0.00   | 30.07<br>1.62<br>0.00   | 29.44<br>1.51<br>0.00   | 29.47<br>1.51<br>0.00   | 29.38<br>1.45<br>0.00   | 35.50<br>1.69<br>0.00   | 43.29<br>1.59<br>-12.17 | 55.09<br>2.39<br>-10.85 | 77.55<br>2.69<br>-25.88 | 88.84<br>2.76<br>-36.75 | 107.24<br>2.72<br>-54.11 | 114.48<br>2.65<br>-60.85 | 142.88<br>2.77<br>-83.51 | 146.25<br>2.76<br>-89.44 | 133.68<br>2.46<br>-83.03 | 138.20<br>2.44<br>-87.95  | 133.70<br>2.54<br>-83.28  | 93.14<br>2.64<br>-41.59   | 82.12<br>2.68<br>-31.56 | 81.89<br>2.75<br>-31.71  | 71.16<br>2.21<br>-30.18 | 49.25<br>1.86<br>-13.49 | 42.49<br>1.91<br>0.00   |
| GINNA_____<br>23603       | 33.71<br>-3.70<br>0.00  | 29.70<br>-3.67<br>0.00  | 25.15<br>-3.30<br>0.00  | 24.61<br>-3.32<br>0.00  | 24.63<br>-3.33<br>0.00  | 24.72<br>-3.21<br>0.00  | 29.82<br>-3.99<br>0.00  | 27.40<br>-3.57<br>-1.44 | 38.02<br>-5.11<br>-1.28 | 46.41<br>-5.63<br>-3.06 | 47.88<br>-5.62<br>-4.17 | 51.22<br>-5.44<br>-6.25  | 52.61<br>-5.36<br>-7.19  | 59.92<br>-6.06<br>-9.38  | 58.00<br>-5.73<br>-9.68  | 51.87<br>-5.16<br>-8.84  | 51.86<br>-5.21<br>-9.26   | 52.55<br>-5.17<br>-9.84   | 48.35<br>-5.48<br>-4.92   | 46.06<br>-5.55<br>-3.73 | 45.54<br>-5.64<br>-3.75  | 38.04<br>-4.30<br>-3.57 | 31.91<br>-3.59<br>-1.60 | 36.77<br>-3.81<br>0.00  |
| GLEN PARK_____<br>23778   | 37.41<br>0.00<br>0.00   | 33.20<br>-0.17<br>0.00  | 28.25<br>-0.20<br>0.00  | 27.65<br>-0.28<br>0.00  | 27.68<br>-0.28<br>0.00  | 27.57<br>-0.36<br>0.00  | 33.71<br>-0.10<br>0.00  | 30.20<br>0.21<br>-0.46  | 42.93<br>0.67<br>-0.41  | 49.80<br>-0.15<br>-0.97 | 50.76<br>0.05<br>-1.38  | 52.39<br>-0.05<br>-2.03  | 53.21<br>-0.05<br>-2.28  | 59.79<br>0.06<br>-3.13   | 56.70<br>0.05<br>-2.60   | 51.36<br>0.05<br>-3.12   | 51.06<br>-0.05<br>-3.30   | 50.86<br>-0.14<br>-3.12   | 50.23<br>-0.24<br>-1.56   | 48.58<br>-0.48<br>-1.18 | 48.19<br>-0.43<br>-1.19  | 38.78<br>-1.12<br>-1.13 | 33.83<br>-0.58<br>-0.51 | 40.70<br>0.12<br>0.00   |
| GLENWOOD_IC_1_G5<br>23712 | 40.81<br>3.63<br>0.23   | 39.02<br>3.80<br>-1.85  | 37.76<br>3.24<br>-6.07  | 38.58<br>3.07<br>-7.58  | 38.49<br>3.08<br>-7.45  | 38.53<br>3.10<br>-7.50  | 39.28<br>3.82<br>-1.65  | 44.89<br>3.25<br>-12.11 | 57.72<br>4.73<br>-11.14 | 81.03<br>5.49<br>-26.56 | 86.57<br>5.67<br>-31.57 | 111.89<br>5.95<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.21<br>6.91<br>-85.70 | 152.30<br>6.86<br>-91.39 | 139.47<br>6.07<br>-85.21 | 174.42<br>6.12<br>-120.49 | 174.47<br>6.27<br>-120.32 | 174.41<br>6.16<br>-119.34 | 86.25<br>5.99<br>-32.38 | 125.92<br>5.83<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.10<br>4.46<br>-46.06 |
| GLENWOOD_IC_2_G1<br>23688 | 40.81<br>3.63<br>0.23   | 38.86<br>3.64<br>-1.85  | 37.65<br>3.13<br>-6.07  | 38.47<br>2.96<br>-7.58  | 38.37<br>2.96<br>-7.45  | 38.47<br>3.04<br>-7.50  | 39.18<br>3.72<br>-1.65  | 45.37<br>3.37<br>-12.47 | 57.97<br>4.98<br>-11.14 | 81.37<br>5.83<br>-26.56 | 92.71<br>5.97<br>-37.41 | 112.20<br>6.25<br>-55.54 | 120.01<br>6.58<br>-62.45 | 149.49<br>7.19<br>-85.70 | 152.52<br>7.08<br>-91.39 | 139.62<br>6.22<br>-85.21 | 174.56<br>6.26<br>-120.49 | 174.57<br>6.37<br>-120.32 | 174.51<br>6.26<br>-119.34 | 86.34<br>6.08<br>-32.38 | 126.07<br>5.98<br>-72.66 | 89.92<br>4.77<br>-46.38 | 79.29<br>4.17<br>-41.22 | 91.10<br>4.46<br>-46.06 |
| GLENWOOD_IC_3_G1<br>23689 | 40.81<br>3.63<br>0.23   | 38.86<br>3.64<br>-1.85  | 37.65<br>3.13<br>-6.07  | 38.47<br>2.96<br>-7.58  | 38.37<br>2.96<br>-7.45  | 38.47<br>3.04<br>-7.50  | 39.18<br>3.72<br>-1.65  | 45.37<br>3.37<br>-12.47 | 57.97<br>4.98<br>-11.14 | 81.37<br>5.83<br>-26.56 | 92.71<br>5.97<br>-37.41 | 112.20<br>6.25<br>-55.54 | 120.01<br>6.58<br>-62.45 | 149.49<br>7.19<br>-85.70 | 152.52<br>7.08<br>-91.39 | 139.62<br>6.22<br>-85.21 | 174.56<br>6.26<br>-120.49 | 174.57<br>6.37<br>-120.32 | 174.51<br>6.26<br>-119.34 | 86.34<br>6.08<br>-32.38 | 126.07<br>5.98<br>-72.66 | 89.92<br>4.77<br>-46.38 | 79.29<br>4.17<br>-41.22 | 91.10<br>4.46<br>-46.06 |
| GLENWOOD___4<br>23550     | 40.81<br>3.63<br>0.23   | 39.02<br>3.80<br>-1.85  | 37.76<br>3.24<br>-6.07  | 38.58<br>3.07<br>-7.58  | 38.49<br>3.08<br>-7.45  | 38.53<br>3.10<br>-7.50  | 39.25<br>3.79<br>-1.65  | 44.89<br>3.25<br>-12.11 | 57.72<br>4.73<br>-11.14 | 81.03<br>5.49<br>-26.56 | 86.57<br>5.67<br>-31.57 | 111.89<br>5.95<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.21<br>6.91<br>-85.70 | 152.30<br>6.86<br>-91.39 | 139.47<br>6.07<br>-85.21 | 174.42<br>6.12<br>-120.49 | 174.47<br>6.27<br>-120.32 | 174.41<br>6.16<br>-119.34 | 86.25<br>5.99<br>-32.38 | 125.92<br>5.83<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.06<br>4.42<br>-46.06 |
| GLENWOOD___5<br>23614     | 40.81<br>3.63<br>0.23   | 39.02<br>3.80<br>-1.85  | 37.76<br>3.24<br>-6.07  | 38.58<br>3.07<br>-7.58  | 38.49<br>3.08<br>-7.45  | 38.53<br>3.10<br>-7.50  | 39.25<br>3.79<br>-1.65  | 44.89<br>3.25<br>-12.11 | 57.72<br>4.73<br>-11.14 | 81.03<br>5.49<br>-26.56 | 86.57<br>5.67<br>-31.57 | 111.89<br>5.95<br>-55.53 | 119.80<br>6.37<br>-62.45 | 149.21<br>6.91<br>-85.70 | 152.30<br>6.86<br>-91.39 | 139.47<br>6.07<br>-85.21 | 174.42<br>6.12<br>-120.49 | 174.47<br>6.27<br>-120.32 | 174.41<br>6.16<br>-119.34 | 86.25<br>5.99<br>-32.38 | 125.92<br>5.83<br>-72.66 | 89.80<br>4.65<br>-46.38 | 79.19<br>4.07<br>-41.22 | 91.06<br>4.42<br>-46.06 |
| GOUDEY___7<br>23579       | 37.04<br>-0.37<br>0.00  | 32.90<br>-0.47<br>0.00  | 28.02<br>-0.43<br>0.00  | 27.43<br>-0.50<br>0.00  | 27.48<br>-0.48<br>0.00  | 27.54<br>-0.39<br>0.00  | 33.40<br>-0.41<br>0.00  | 33.58<br>0.12<br>-3.93  | 46.35<br>1.00<br>-3.50  | 58.46<br>1.13<br>-8.35  | 62.94<br>1.43<br>-12.18 | 69.75<br>1.61<br>-17.73  | 72.15<br>1.53<br>-19.64  | 86.15<br>1.70<br>-27.85  | 92.31<br>1.78<br>-36.48  | 78.32<br>1.54<br>-28.59  | 79.82<br>1.53<br>-30.48   | 76.38<br>1.63<br>-26.87   | 63.80<br>1.47<br>-13.42   | 59.40<br>1.34<br>-10.18 | 58.99<br>1.33<br>-10.23  | 49.48<br>0.97<br>-9.74  | 38.59<br>0.34<br>-4.35  | 40.26<br>-0.32<br>0.00  |
| GOUDEY___8<br>23580       | 36.92<br>-0.49<br>0.00  | 32.84<br>-0.53<br>0.00  | 27.94<br>-0.51<br>0.00  | 27.34<br>-0.59<br>0.00  | 27.40<br>-0.56<br>0.00  | 27.46<br>-0.47<br>0.00  | 33.30<br>-0.51<br>0.00  | 33.49<br>0.03<br>-3.93  | 46.23<br>0.88<br>-3.50  | 58.31<br>0.98<br>-8.35  | 62.79<br>1.28<br>-12.18 | 69.55<br>1.41<br>-17.73  | 72.00<br>1.38<br>-19.64  | 85.92<br>1.47<br>-27.85  | 92.15<br>1.62<br>-36.48  | 78.13<br>1.35<br>-28.59  | 79.63<br>1.34<br>-30.48   | 76.19<br>1.44<br>-26.87   | 63.65<br>1.32<br>-13.42   | 59.26<br>1.20<br>-10.18 | 58.85<br>1.19<br>-10.23  | 49.36<br>0.85<br>-9.74  | 38.49<br>0.24<br>-4.35  | 40.13<br>-0.45<br>0.00  |
| GOWANUS_GT_1_GRP<br>23732 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26  | 139.67<br>6.32<br>-85.47  | 98.00<br>6.41<br>-42.68   | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55  | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56  |
| GOWANUS_GT_2_GRP<br>23617 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26  | 139.67<br>6.32<br>-85.47  | 98.00<br>6.41<br>-42.68   | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55  | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56  |

|                           |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                          |                          |                         |                         |                         |                         |                         |                        |
|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| GOWANUS_GT_3_GRP<br>23618 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT_4_GRP<br>23751 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT1_1<br>24077    | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT1_2<br>24078    | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT1_3<br>24079    | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT1_4<br>24080    | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT1_5<br>24084    | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT1_6<br>24111    | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT1_7<br>24112    | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT1_8<br>24113    | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT2_1<br>24114    | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT2_2<br>24115    | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT2_3<br>24116    | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT2_4<br>24117    | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT2_5<br>24118    | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT2_6<br>24119    | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |

|                        |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                          |                          |                         |                         |                         |                         |                         |                        |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| GOWANUS_GT2_7<br>24120 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT2_8<br>24121 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT3_1<br>24122 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT3_2<br>24123 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT3_3<br>24124 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT3_4<br>24125 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT3_5<br>24126 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT3_6<br>24127 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT3_7<br>24128 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT3_8<br>24129 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT4_1<br>24130 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT4_2<br>24131 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT4_3<br>24132 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT4_4<br>24133 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT4_5<br>24134 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| GOWANUS_GT4_6<br>24135 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |

|                              |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                           |                           |                           |                         |                          |                         |                         |                         |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT4_7<br>24136       | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26  | 139.67<br>6.32<br>-85.47  | 98.00<br>6.41<br>-42.68   | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55  | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56  |
| GOWANUS_GT4_8<br>24137       | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26  | 139.67<br>6.32<br>-85.47  | 98.00<br>6.41<br>-42.68   | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55  | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56  |
| GRAHMSVILLE___HY<br>23607    | 39.95<br>2.54<br>0.00   | 35.74<br>2.37<br>0.00   | 30.50<br>2.05<br>0.00   | 29.86<br>1.93<br>0.00   | 29.89<br>1.93<br>0.00   | 29.91<br>1.98<br>0.00   | 36.31<br>2.50<br>0.00   | 43.41<br>2.92<br>-10.96 | 56.14<br>4.52<br>-9.77  | 77.67<br>5.39<br>-23.30 | 87.81<br>5.38<br>-33.10 | 104.79<br>5.65<br>-48.73 | 111.44<br>5.66<br>-54.80 | 136.67<br>4.87<br>-75.20 | 139.72<br>4.81<br>-80.86 | 127.54<br>4.58<br>-74.77 | 130.49<br>4.30<br>-78.38  | 127.65<br>5.55<br>-74.22  | 91.50<br>5.53<br>-37.06   | 81.22<br>5.22<br>-28.12 | 80.58<br>4.89<br>-28.26  | 69.74<br>4.07<br>-26.90 | 49.08<br>3.15<br>-12.03 | 43.42<br>2.84<br>0.00   |
| GREENIDGE___3<br>23582       | 35.28<br>-2.13<br>0.00  | 31.17<br>-2.20<br>0.00  | 26.46<br>-1.99<br>0.00  | 25.83<br>-2.10<br>0.00  | 25.89<br>-2.07<br>0.00  | 26.00<br>-1.93<br>0.00  | 31.58<br>-2.23<br>0.00  | 30.25<br>-1.65<br>-2.37 | 42.21<br>-1.76<br>-2.12 | 52.12<br>-1.91<br>-5.05 | 55.15<br>-1.63<br>-7.45 | 59.64<br>-1.56<br>-10.79 | 61.17<br>-1.68<br>-11.87 | 71.80<br>-1.87<br>-17.07 | 73.36<br>-1.62<br>-20.93 | 64.39<br>-1.54<br>-17.74 | 65.19<br>-1.58<br>-18.96  | 62.69<br>-1.44<br>-16.25  | 55.41<br>-1.61<br>-8.11   | 52.27<br>-1.77<br>-6.16 | 51.82<br>-1.80<br>-6.19  | 43.15<br>-1.51<br>-5.89 | 34.90<br>-1.63<br>-2.63 | 38.31<br>-2.27<br>0.00  |
| GREENIDGE___4<br>23583       | 35.32<br>-2.09<br>0.00  | 31.20<br>-2.17<br>0.00  | 26.49<br>-1.96<br>0.00  | 25.86<br>-2.07<br>0.00  | 25.92<br>-2.04<br>0.00  | 26.03<br>-1.90<br>0.00  | 31.61<br>-2.20<br>0.00  | 30.28<br>-1.62<br>-2.37 | 42.25<br>-1.72<br>-2.12 | 52.22<br>-1.81<br>-5.05 | 55.20<br>-1.58<br>-7.45 | 59.64<br>-1.56<br>-10.79 | 61.22<br>-1.63<br>-11.87 | 71.80<br>-1.87<br>-17.07 | 73.36<br>-1.62<br>-20.93 | 64.39<br>-1.54<br>-17.74 | 65.19<br>-1.58<br>-18.96  | 62.69<br>-1.44<br>-16.25  | 55.45<br>-1.57<br>-8.11   | 52.32<br>-1.72<br>-6.16 | 51.91<br>-1.71<br>-6.19  | 43.19<br>-1.47<br>-5.89 | 34.97<br>-1.56<br>-2.63 | 38.35<br>-2.23<br>0.00  |
| HARZA MOOSE___RIVER<br>24016 | 37.71<br>0.30<br>0.00   | 33.60<br>0.23<br>0.00   | 28.59<br>0.14<br>0.00   | 28.04<br>0.11<br>0.00   | 28.07<br>0.11<br>0.00   | 28.01<br>0.08<br>0.00   | 34.08<br>0.27<br>0.00   | 29.94<br>0.41<br>0.00   | 42.65<br>0.80<br>0.00   | 49.57<br>0.59<br>0.00   | 50.02<br>0.69<br>0.00   | 51.12<br>0.71<br>0.00    | 51.64<br>0.66<br>0.00    | 57.34<br>0.74<br>0.00    | 54.62<br>0.76<br>0.19    | 48.82<br>0.63<br>0.00    | 48.38<br>0.57<br>0.00     | 48.41<br>0.53<br>0.00     | 49.40<br>0.49<br>0.00     | 48.26<br>0.38<br>0.00   | 47.81<br>0.38<br>0.00    | 38.65<br>-0.12<br>0.00  | 33.97<br>0.07<br>0.00   | 40.99<br>0.41<br>0.00   |
| HEMPSTEAD___<br>23647        | 40.73<br>3.55<br>0.23   | 38.99<br>3.77<br>-1.85  | 37.76<br>3.24<br>-6.07  | 38.58<br>3.07<br>-7.58  | 38.49<br>3.08<br>-7.45  | 38.59<br>3.16<br>-7.50  | 39.28<br>3.82<br>-1.65  | 44.72<br>3.22<br>-11.97 | 57.84<br>4.85<br>-11.14 | 81.12<br>5.58<br>-26.56 | 84.39<br>5.77<br>-29.29 | 111.99<br>6.05<br>-55.53 | 120.06<br>6.63<br>-62.45 | 149.43<br>7.13<br>-85.70 | 152.52<br>7.08<br>-91.39 | 139.76<br>6.36<br>-85.21 | 174.71<br>6.41<br>-120.49 | 174.71<br>6.51<br>-120.32 | 174.66<br>6.41<br>-119.34 | 86.44<br>6.18<br>-32.38 | 126.21<br>6.12<br>-72.66 | 90.00<br>4.85<br>-46.38 | 79.39<br>4.27<br>-41.22 | 91.27<br>4.63<br>-46.06 |
| HICKLING___1<br>23621        | 36.92<br>-0.49<br>0.00  | 32.60<br>-0.77<br>0.00  | 27.71<br>-0.74<br>0.00  | 27.04<br>-0.89<br>0.00  | 27.12<br>-0.84<br>0.00  | 27.26<br>-0.67<br>0.00  | 33.20<br>-0.61<br>0.00  | 32.90<br>0.24<br>-3.13  | 46.31<br>1.67<br>-2.79  | 57.88<br>2.25<br>-6.65  | 62.00<br>2.81<br>-9.86  | 67.85<br>3.18<br>-14.26  | 69.73<br>3.11<br>-15.64  | 82.74<br>3.51<br>-22.63  | 86.78<br>3.62<br>-29.11  | 74.94<br>3.08<br>-23.67  | 76.19<br>3.06<br>-25.32   | 72.45<br>3.16<br>-21.41   | 62.39<br>2.79<br>-10.69   | 58.48<br>2.49<br>-8.11  | 58.05<br>2.47<br>-8.15   | 48.16<br>1.63<br>-7.76  | 37.98<br>0.61<br>-3.47  | 40.13<br>-0.45<br>0.00  |
| HICKLING___2<br>23622        | 36.92<br>-0.49<br>0.00  | 32.60<br>-0.77<br>0.00  | 27.71<br>-0.74<br>0.00  | 27.04<br>-0.89<br>0.00  | 27.12<br>-0.84<br>0.00  | 27.26<br>-0.67<br>0.00  | 33.20<br>-0.61<br>0.00  | 32.90<br>0.24<br>-3.13  | 46.31<br>1.67<br>-2.79  | 57.88<br>2.25<br>-6.65  | 62.00<br>2.81<br>-9.86  | 67.85<br>3.18<br>-14.26  | 69.73<br>3.11<br>-15.64  | 82.74<br>3.51<br>-22.63  | 86.78<br>3.62<br>-29.11  | 74.94<br>3.08<br>-23.67  | 76.19<br>3.06<br>-25.32   | 72.45<br>3.16<br>-21.41   | 62.39<br>2.79<br>-10.69   | 58.48<br>2.49<br>-8.11  | 58.05<br>2.47<br>-8.15   | 48.16<br>1.63<br>-7.76  | 37.98<br>0.61<br>-3.47  | 40.13<br>-0.45<br>0.00  |
| HIGH FALLS___HY<br>23754     | 40.55<br>3.14<br>0.00   | 36.34<br>2.97<br>0.00   | 31.04<br>2.59<br>0.00   | 30.36<br>2.43<br>0.00   | 30.39<br>2.43<br>0.00   | 30.44<br>2.51<br>0.00   | 36.95<br>3.14<br>0.00   | 45.81<br>3.63<br>-12.65 | 58.70<br>5.57<br>-11.28 | 82.38<br>6.51<br>-26.89 | 93.99<br>6.46<br>-38.20 | 113.41<br>6.75<br>-56.25 | 121.10<br>6.88<br>-63.24 | 150.76<br>7.36<br>-86.80 | 153.72<br>7.19<br>-92.48 | 141.28<br>6.79<br>-86.30 | 145.54<br>6.65<br>-91.08  | 141.12<br>6.99<br>-86.25  | 98.97<br>6.99<br>-43.07   | 87.12<br>6.56<br>-32.68 | 86.34<br>6.07<br>-32.84  | 75.26<br>5.23<br>-31.26 | 51.95<br>4.07<br>-13.98 | 44.31<br>3.73<br>0.00   |
| HILLBURN___GT<br>23639       | 40.63<br>3.22<br>0.00   | 36.47<br>3.10<br>0.00   | 31.12<br>2.67<br>0.00   | 30.44<br>2.51<br>0.00   | 30.50<br>2.54<br>0.00   | 30.56<br>2.63<br>0.00   | 36.99<br>3.18<br>0.00   | 44.75<br>3.28<br>-11.94 | 57.35<br>4.85<br>-10.65 | 80.20<br>5.83<br>-25.39 | 91.31<br>5.92<br>-36.06 | 109.66<br>6.15<br>-53.10 | 117.01<br>6.32<br>-59.71 | 145.45<br>6.91<br>-81.94 | 148.48<br>6.81<br>-87.62 | 135.73<br>6.07<br>-81.47 | 140.13<br>6.02<br>-86.30  | 135.78<br>6.18<br>-81.72  | 95.79<br>6.07<br>-40.81   | 84.68<br>5.84<br>-30.96 | 84.19<br>5.64<br>-31.12  | 72.96<br>4.58<br>-29.61 | 50.97<br>3.83<br>-13.24 | 44.39<br>3.81<br>0.00   |
| HOLTSVIL 1-5___GRP1<br>24031 | 40.40<br>3.22<br>0.23   | 38.82<br>3.60<br>-1.85  | 37.65<br>3.13<br>-6.07  | 38.44<br>2.93<br>-7.58  | 38.35<br>2.94<br>-7.45  | 38.47<br>3.04<br>-7.50  | 39.15<br>3.69<br>-1.65  | 44.23<br>2.92<br>-11.78 | 57.68<br>4.69<br>-11.14 | 80.63<br>5.09<br>-26.56 | 80.24<br>4.79<br>-26.12 | 110.72<br>4.79<br>-55.52 | 118.94<br>5.51<br>-62.45 | 148.19<br>5.89<br>-85.70 | 151.39<br>5.95<br>-91.39 | 138.80<br>5.40<br>-85.21 | 173.85<br>5.55<br>-120.49 | 173.85<br>5.65<br>-120.32 | 173.78<br>5.53<br>-119.34 | 85.53<br>5.27<br>-32.38 | 125.31<br>5.22<br>-72.66 | 89.57<br>4.42<br>-46.38 | 79.39<br>4.27<br>-41.22 | 91.27<br>4.63<br>-46.06 |
| HOLTSVIL6-10___GRP2<br>24032 | 40.66<br>3.48<br>0.23   | 39.02<br>3.80<br>-1.85  | 37.79<br>3.27<br>-6.07  | 38.61<br>3.10<br>-7.58  | 38.51<br>3.10<br>-7.45  | 38.64<br>3.21<br>-7.50  | 39.38<br>3.92<br>-1.65  | 44.47<br>3.16<br>-11.78 | 58.01<br>5.02<br>-11.14 | 80.98<br>5.44<br>-26.56 | 80.55<br>5.03<br>-26.19 | 110.92<br>4.99<br>-55.52 | 119.14<br>5.71<br>-62.45 | 148.41<br>6.11<br>-85.70 | 151.66<br>6.22<br>-91.39 | 139.04<br>5.64<br>-85.21 | 174.04<br>5.74<br>-120.49 | 174.04<br>5.84<br>-120.32 | 174.02<br>5.77<br>-119.34 | 85.72<br>5.46<br>-32.38 | 125.54<br>5.45<br>-72.66 | 89.73<br>4.58<br>-46.38 | 79.66<br>4.54<br>-41.22 | 91.51<br>4.87<br>-46.06 |
| HOLTSVILLE_IC_1<br>23690     | 40.40<br>3.22<br>0.23   | 38.82<br>3.60<br>-1.85  | 37.65<br>3.13<br>-6.07  | 38.44<br>2.93<br>-7.58  | 38.35<br>2.94<br>-7.45  | 38.47<br>3.04<br>-7.50  | 39.15<br>3.69<br>-1.65  | 44.23<br>2.92<br>-11.78 | 57.68<br>4.69<br>-11.14 | 80.63<br>5.09<br>-26.56 | 80.24<br>4.79<br>-26.12 | 110.72<br>4.79<br>-55.52 | 118.94<br>5.51<br>-62.45 | 148.19<br>5.89<br>-85.70 | 151.39<br>5.95<br>-91.39 | 138.80<br>5.40<br>-85.21 | 173.85<br>5.55<br>-120.49 | 173.85<br>5.65<br>-120.32 | 173.78<br>5.53<br>-119.34 | 85.53<br>5.27<br>-32.38 | 125.31<br>5.22<br>-72.66 | 89.57<br>4.42<br>-46.38 | 79.39<br>4.27<br>-41.22 | 91.27<br>4.63<br>-46.06 |
| HOLTSVILLE_IC_10<br>23699    | 40.66<br>3.48<br>0.23   | 39.02<br>3.80<br>-1.85  | 37.79<br>3.27<br>-6.07  | 38.61<br>3.10<br>-7.58  | 38.51<br>3.10<br>-7.45  | 38.64<br>3.21<br>-7.50  | 39.38<br>3.92<br>-1.65  | 44.47<br>3.16<br>-11.78 | 58.01<br>5.02<br>-11.14 | 80.98<br>5.44<br>-26.56 | 80.55<br>5.03<br>-26.19 | 110.92<br>4.99<br>-55.52 | 119.14<br>5.71<br>-62.45 | 148.41<br>6.11<br>-85.70 | 151.66<br>6.22<br>-91.39 | 139.04<br>5.64<br>-85.21 | 174.04<br>5.74<br>-120.49 | 174.04<br>5.84<br>-120.32 | 174.02<br>5.77<br>-119.34 | 85.72<br>5.46<br>-32.38 | 125.54<br>5.45<br>-72.66 | 89.73<br>4.58<br>-46.38 | 79.66<br>4.54<br>-41.22 | 91.51<br>4.87<br>-46.06 |
| HOLTSVILLE_IC_2<br>23691     | 40.40<br>3.22<br>0.23   | 38.82<br>3.60<br>-1.85  | 37.65<br>3.13<br>-6.07  | 38.44<br>2.93<br>-7.58  | 38.35<br>2.94<br>-7.45  | 38.47<br>3.04<br>-7.50  | 39.15<br>3.69<br>-1.65  | 44.23<br>2.92<br>-11.78 | 57.68<br>4.69<br>-11.14 | 80.63<br>5.09<br>-26.56 | 80.24<br>4.79<br>-26.12 | 110.72<br>4.79<br>-55.52 | 118.94<br>5.51<br>-62.45 | 148.19<br>5.89<br>-85.70 | 151.39<br>5.95<br>-91.39 | 138.80<br>5.40<br>-85.21 | 173.85<br>5.55<br>-120.49 | 173.85<br>5.65<br>-120.32 | 173.78<br>5.53<br>-119.34 | 85.53<br>5.27<br>-32.38 | 125.31<br>5.22<br>-72.66 | 89.57<br>4.42<br>-46.38 | 79.39<br>4.27<br>-41.22 | 91.27<br>4.63<br>-46.06 |

|                             |                        |                        |                         |                         |                         |                         |                        |                         |                         |                         |                         |                          |                          |                          |                          |                          |                           |                           |                           |                         |                          |                         |                         |                         |
|-----------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| HOLTSVILLE_IC_3<br>23692    | 40.40<br>3.22<br>0.23  | 38.82<br>3.60<br>-1.85 | 37.65<br>3.13<br>-6.07  | 38.44<br>2.93<br>-7.58  | 38.35<br>2.94<br>-7.45  | 38.47<br>3.04<br>-7.50  | 39.15<br>3.69<br>-1.65 | 44.23<br>2.92<br>-11.78 | 57.68<br>4.69<br>-11.14 | 80.63<br>5.09<br>-26.56 | 80.24<br>4.79<br>-26.12 | 110.72<br>4.79<br>-55.52 | 118.94<br>5.51<br>-62.45 | 148.19<br>5.89<br>-85.70 | 151.39<br>5.95<br>-91.39 | 138.80<br>5.40<br>-85.21 | 173.85<br>5.55<br>-120.49 | 173.85<br>5.65<br>-120.32 | 173.78<br>5.53<br>-119.34 | 85.53<br>5.27<br>-32.38 | 125.31<br>5.22<br>-72.66 | 89.57<br>4.42<br>-46.38 | 79.39<br>4.27<br>-41.22 | 91.27<br>4.63<br>-46.06 |
| HOLTSVILLE_IC_4<br>23693    | 40.40<br>3.22<br>0.23  | 38.82<br>3.60<br>-1.85 | 37.65<br>3.13<br>-6.07  | 38.44<br>2.93<br>-7.58  | 38.35<br>2.94<br>-7.45  | 38.47<br>3.04<br>-7.50  | 39.15<br>3.69<br>-1.65 | 44.23<br>2.92<br>-11.78 | 57.68<br>4.69<br>-11.14 | 80.63<br>5.09<br>-26.56 | 80.24<br>4.79<br>-26.12 | 110.72<br>4.79<br>-55.52 | 118.94<br>5.51<br>-62.45 | 148.19<br>5.89<br>-85.70 | 151.39<br>5.95<br>-91.39 | 138.80<br>5.40<br>-85.21 | 173.85<br>5.55<br>-120.49 | 173.85<br>5.65<br>-120.32 | 173.78<br>5.53<br>-119.34 | 85.53<br>5.27<br>-32.38 | 125.31<br>5.22<br>-72.66 | 89.57<br>4.42<br>-46.38 | 79.39<br>4.27<br>-41.22 | 91.27<br>4.63<br>-46.06 |
| HOLTSVILLE_IC_5<br>23694    | 40.40<br>3.22<br>0.23  | 38.82<br>3.60<br>-1.85 | 37.65<br>3.13<br>-6.07  | 38.44<br>2.93<br>-7.58  | 38.35<br>2.94<br>-7.45  | 38.47<br>3.04<br>-7.50  | 39.15<br>3.69<br>-1.65 | 44.23<br>2.92<br>-11.78 | 57.68<br>4.69<br>-11.14 | 80.63<br>5.09<br>-26.56 | 80.24<br>4.79<br>-26.12 | 110.72<br>4.79<br>-55.52 | 118.94<br>5.51<br>-62.45 | 148.19<br>5.89<br>-85.70 | 151.39<br>5.95<br>-91.39 | 138.80<br>5.40<br>-85.21 | 173.85<br>5.55<br>-120.49 | 173.85<br>5.65<br>-120.32 | 173.78<br>5.53<br>-119.34 | 85.53<br>5.27<br>-32.38 | 125.31<br>5.22<br>-72.66 | 89.57<br>4.42<br>-46.38 | 79.39<br>4.27<br>-41.22 | 91.27<br>4.63<br>-46.06 |
| HOLTSVILLE_IC_6<br>23695    | 40.66<br>3.48<br>0.23  | 39.02<br>3.80<br>-1.85 | 37.79<br>3.27<br>-6.07  | 38.61<br>3.10<br>-7.58  | 38.51<br>3.10<br>-7.45  | 38.64<br>3.21<br>-7.50  | 39.38<br>3.92<br>-1.65 | 44.47<br>3.16<br>-11.78 | 58.01<br>5.02<br>-11.14 | 80.98<br>5.44<br>-26.56 | 80.55<br>5.03<br>-26.19 | 110.92<br>4.99<br>-55.52 | 119.14<br>5.71<br>-62.45 | 148.41<br>6.11<br>-85.70 | 151.66<br>6.22<br>-91.39 | 139.04<br>5.64<br>-85.21 | 174.04<br>5.74<br>-120.49 | 174.04<br>5.84<br>-120.32 | 174.02<br>5.77<br>-119.34 | 85.72<br>5.46<br>-32.38 | 125.54<br>5.45<br>-72.66 | 89.73<br>4.58<br>-46.38 | 79.66<br>4.54<br>-41.22 | 91.51<br>4.87<br>-46.06 |
| HOLTSVILLE_IC_7<br>23696    | 40.66<br>3.48<br>0.23  | 39.02<br>3.80<br>-1.85 | 37.79<br>3.27<br>-6.07  | 38.61<br>3.10<br>-7.58  | 38.51<br>3.10<br>-7.45  | 38.64<br>3.21<br>-7.50  | 39.38<br>3.92<br>-1.65 | 44.47<br>3.16<br>-11.78 | 58.01<br>5.02<br>-11.14 | 80.98<br>5.44<br>-26.56 | 80.55<br>5.03<br>-26.19 | 110.92<br>4.99<br>-55.52 | 119.14<br>5.71<br>-62.45 | 148.41<br>6.11<br>-85.70 | 151.66<br>6.22<br>-91.39 | 139.04<br>5.64<br>-85.21 | 174.04<br>5.74<br>-120.49 | 174.04<br>5.84<br>-120.32 | 174.02<br>5.77<br>-119.34 | 85.72<br>5.46<br>-32.38 | 125.54<br>5.45<br>-72.66 | 89.73<br>4.58<br>-46.38 | 79.66<br>4.54<br>-41.22 | 91.51<br>4.87<br>-46.06 |
| HOLTSVILLE_IC_8<br>23697    | 40.66<br>3.48<br>0.23  | 39.02<br>3.80<br>-1.85 | 37.79<br>3.27<br>-6.07  | 38.61<br>3.10<br>-7.58  | 38.51<br>3.10<br>-7.45  | 38.64<br>3.21<br>-7.50  | 39.38<br>3.92<br>-1.65 | 44.47<br>3.16<br>-11.78 | 58.01<br>5.02<br>-11.14 | 80.98<br>5.44<br>-26.56 | 80.55<br>5.03<br>-26.19 | 110.92<br>4.99<br>-55.52 | 119.14<br>5.71<br>-62.45 | 148.41<br>6.11<br>-85.70 | 151.66<br>6.22<br>-91.39 | 139.04<br>5.64<br>-85.21 | 174.04<br>5.74<br>-120.49 | 174.04<br>5.84<br>-120.32 | 174.02<br>5.77<br>-119.34 | 85.72<br>5.46<br>-32.38 | 125.54<br>5.45<br>-72.66 | 89.73<br>4.58<br>-46.38 | 79.66<br>4.54<br>-41.22 | 91.51<br>4.87<br>-46.06 |
| HOLTSVILLE_IC_9<br>23698    | 40.66<br>3.48<br>0.23  | 39.02<br>3.80<br>-1.85 | 37.79<br>3.27<br>-6.07  | 38.61<br>3.10<br>-7.58  | 38.51<br>3.10<br>-7.45  | 38.64<br>3.21<br>-7.50  | 39.38<br>3.92<br>-1.65 | 44.47<br>3.16<br>-11.78 | 58.01<br>5.02<br>-11.14 | 80.98<br>5.44<br>-26.56 | 80.55<br>5.03<br>-26.19 | 110.92<br>4.99<br>-55.52 | 119.14<br>5.71<br>-62.45 | 148.41<br>6.11<br>-85.70 | 151.66<br>6.22<br>-91.39 | 139.04<br>5.64<br>-85.21 | 174.04<br>5.74<br>-120.49 | 174.04<br>5.84<br>-120.32 | 174.02<br>5.77<br>-119.34 | 85.72<br>5.46<br>-32.38 | 125.54<br>5.45<br>-72.66 | 89.73<br>4.58<br>-46.38 | 79.66<br>4.54<br>-41.22 | 91.51<br>4.87<br>-46.06 |
| HQ_GEN_CEDARS<br>23644      | 35.24<br>-2.17<br>0.00 | 31.43<br>-1.94<br>0.00 | 26.89<br>-1.56<br>0.00  | 26.48<br>-1.45<br>0.00  | 26.51<br>-1.45<br>0.00  | 26.45<br>-1.48<br>0.00  | 31.98<br>-1.83<br>0.00 | 27.70<br>-1.56<br>0.27  | 39.22<br>-2.39<br>0.24  | 46.10<br>-2.30<br>0.58  | 46.13<br>-2.37<br>0.83  | 46.92<br>-2.27<br>1.22   | 47.37<br>-2.24<br>1.37   | 52.29<br>-2.43<br>1.88   | 49.62<br>-2.49<br>1.94   | 43.91<br>-2.41<br>1.87   | 43.54<br>-2.29<br>1.98    | 43.42<br>-2.59<br>1.87    | 45.28<br>-2.69<br>0.94    | 44.73<br>-2.44<br>0.71  | 44.21<br>-2.51<br>0.71   | 35.72<br>-2.37<br>0.68  | 31.67<br>-1.93<br>0.30  | 38.15<br>-2.43<br>0.00  |
| HQ_GEN_CHAT DC<br>23651     | 27.97<br>-0.75<br>8.69 | 28.07<br>-0.70<br>4.60 | 27.88<br>-0.57<br>0.00  | 27.46<br>-0.47<br>0.00  | 27.48<br>-0.48<br>0.00  | 27.43<br>-0.50<br>0.00  | 27.16<br>-0.61<br>6.04 | 31.34<br>-0.71<br>-2.52 | 39.37<br>-1.13<br>1.35  | 47.90<br>-1.08<br>0.00  | 48.20<br>-1.13<br>0.00  | 49.40<br>-1.01<br>0.00   | 49.96<br>-1.02<br>0.00   | 55.58<br>-1.02<br>0.00   | 52.91<br>-1.14<br>0.00   | 47.23<br>-0.96<br>0.00   | 46.85<br>-0.96<br>0.00    | 46.78<br>-1.10<br>0.00    | 47.78<br>-1.13<br>0.00    | 46.78<br>-1.10<br>0.00  | 46.34<br>-1.09<br>0.00   | 41.89<br>-1.05<br>-4.17 | 36.96<br>-0.92<br>-3.98 | 28.83<br>-0.93<br>10.82 |
| HUDAV+59+74_TH_GRP<br>23620 | 44.49<br>4.00<br>-3.08 | 43.24<br>3.80<br>-6.07 | 42.14<br>3.24<br>-10.45 | 41.68<br>3.10<br>-10.65 | 41.69<br>3.10<br>-10.63 | 42.14<br>3.16<br>-11.05 | 43.74<br>3.85<br>-6.08 | 45.68<br>3.66<br>-12.49 | 58.26<br>5.27<br>-11.14 | 81.81<br>6.27<br>-26.56 | 93.46<br>6.41<br>-37.72 | 112.65<br>6.70<br>-55.54 | 120.31<br>6.88<br>-62.45 | 149.83<br>7.53<br>-85.70 | 152.79<br>7.35<br>-91.39 | 139.71<br>6.31<br>-85.21 | 144.38<br>6.31<br>-90.26  | 139.77<br>6.42<br>-85.47  | 97.90<br>6.31<br>-42.68   | 86.39<br>6.13<br>-32.38 | 86.00<br>6.02<br>-32.55  | 74.55<br>4.81<br>-30.97 | 52.02<br>4.27<br>-13.85 | 45.25<br>4.67<br>0.00   |
| HUDSON AVE_GT_3<br>23810    | 44.49<br>4.00<br>-3.08 | 43.24<br>3.80<br>-6.07 | 42.14<br>3.24<br>-10.45 | 41.68<br>3.10<br>-10.65 | 41.69<br>3.10<br>-10.63 | 42.14<br>3.16<br>-11.05 | 43.74<br>3.85<br>-6.08 | 45.68<br>3.66<br>-12.49 | 58.26<br>5.27<br>-11.14 | 81.81<br>6.27<br>-26.56 | 93.46<br>6.41<br>-37.72 | 112.65<br>6.70<br>-55.54 | 120.31<br>6.88<br>-62.45 | 149.83<br>7.53<br>-85.70 | 152.79<br>7.35<br>-91.39 | 139.71<br>6.31<br>-85.21 | 144.38<br>6.31<br>-90.26  | 139.77<br>6.42<br>-85.47  | 97.90<br>6.31<br>-42.68   | 86.39<br>6.13<br>-32.38 | 86.00<br>6.02<br>-32.55  | 74.55<br>4.81<br>-30.97 | 52.02<br>4.27<br>-13.85 | 45.25<br>4.67<br>0.00   |
| HUDSON AVE_GT_4<br>23540    | 44.49<br>4.00<br>-3.08 | 43.24<br>3.80<br>-6.07 | 42.14<br>3.24<br>-10.45 | 41.68<br>3.10<br>-10.65 | 41.69<br>3.10<br>-10.63 | 42.14<br>3.16<br>-11.05 | 43.74<br>3.85<br>-6.08 | 45.68<br>3.66<br>-12.49 | 58.26<br>5.27<br>-11.14 | 81.81<br>6.27<br>-26.56 | 93.46<br>6.41<br>-37.72 | 112.65<br>6.70<br>-55.54 | 120.31<br>6.88<br>-62.45 | 149.83<br>7.53<br>-85.70 | 152.79<br>7.35<br>-91.39 | 139.71<br>6.31<br>-85.21 | 144.38<br>6.31<br>-90.26  | 139.77<br>6.42<br>-85.47  | 97.90<br>6.31<br>-42.68   | 86.39<br>6.13<br>-32.38 | 86.00<br>6.02<br>-32.55  | 74.55<br>4.81<br>-30.97 | 52.02<br>4.27<br>-13.85 | 45.25<br>4.67<br>0.00   |
| HUDSON AVE_GT_5<br>23657    | 44.49<br>4.00<br>-3.08 | 43.24<br>3.80<br>-6.07 | 42.14<br>3.24<br>-10.45 | 41.68<br>3.10<br>-10.65 | 41.69<br>3.10<br>-10.63 | 42.14<br>3.16<br>-11.05 | 43.74<br>3.85<br>-6.08 | 45.68<br>3.66<br>-12.49 | 58.26<br>5.27<br>-11.14 | 81.81<br>6.27<br>-26.56 | 93.46<br>6.41<br>-37.72 | 112.65<br>6.70<br>-55.54 | 120.31<br>6.88<br>-62.45 | 149.83<br>7.53<br>-85.70 | 152.79<br>7.35<br>-91.39 | 139.71<br>6.31<br>-85.21 | 144.38<br>6.31<br>-90.26  | 139.77<br>6.42<br>-85.47  | 97.90<br>6.31<br>-42.68   | 86.39<br>6.13<br>-32.38 | 86.00<br>6.02<br>-32.55  | 74.55<br>4.81<br>-30.97 | 52.02<br>4.27<br>-13.85 | 45.25<br>4.67<br>0.00   |
| HUDSON_AVE_10<br>24168      | 44.57<br>4.08<br>-3.08 | 43.34<br>3.90<br>-6.07 | 42.23<br>3.33<br>-10.45 | 41.74<br>3.16<br>-10.65 | 41.75<br>3.16<br>-10.63 | 42.22<br>3.24<br>-11.05 | 43.85<br>3.96<br>-6.08 | 45.77<br>3.75<br>-12.49 | 58.39<br>5.40<br>-11.14 | 82.01<br>6.47<br>-26.56 | 93.66<br>6.61<br>-37.72 | 112.81<br>6.86<br>-55.54 | 120.52<br>7.09<br>-62.45 | 150.00<br>7.70<br>-85.70 | 152.95<br>7.51<br>-91.39 | 139.86<br>6.46<br>-85.21 | 144.52<br>6.45<br>-90.26  | 139.91<br>6.56<br>-85.47  | 98.05<br>6.46<br>-42.68   | 86.53<br>6.27<br>-32.38 | 86.19<br>6.21<br>-32.55  | 74.63<br>4.89<br>-30.97 | 52.12<br>4.37<br>-13.85 | 45.37<br>4.79<br>0.00   |
| HUNTLEY___63<br>23557       | 34.94<br>-2.47<br>0.00 | 30.57<br>-2.80<br>0.00 | 25.86<br>-2.59<br>0.00  | 25.19<br>-2.74<br>0.00  | 25.22<br>-2.74<br>0.00  | 25.39<br>-2.54<br>0.00  | 30.23<br>-3.58<br>0.00 | 28.27<br>-3.13<br>-1.87 | 38.79<br>-4.73<br>-1.67 | 47.91<br>-5.05<br>-3.98 | 49.85<br>-5.13<br>-5.65 | 54.05<br>-4.69<br>-8.33  | 55.50<br>-5.55<br>-9.36  | 63.90<br>-5.55<br>-12.85 | 63.72<br>-5.19<br>-14.86 | 56.19<br>-4.77<br>-12.77 | 56.56<br>-4.78<br>-13.53  | 56.14<br>-4.55<br>-12.81  | 50.27<br>-5.04<br>-6.40   | 47.56<br>-5.17<br>-4.85 | 47.04<br>-5.27<br>-4.88  | 39.61<br>-3.80<br>-4.64 | 32.96<br>-3.02<br>-2.08 | 37.70<br>-2.88<br>0.00  |
| HUNTLEY___64<br>23558       | 34.94<br>-2.47<br>0.00 | 30.57<br>-2.80<br>0.00 | 25.86<br>-2.59<br>0.00  | 25.19<br>-2.74<br>0.00  | 25.22<br>-2.74<br>0.00  | 25.39<br>-2.54<br>0.00  | 30.23<br>-3.58<br>0.00 | 28.27<br>-3.13<br>-1.87 | 38.79<br>-4.73<br>-1.67 | 47.91<br>-5.05<br>-3.98 | 49.85<br>-5.13<br>-5.65 | 54.05<br>-4.69<br>-8.33  | 55.50<br>-5.55<br>-9.36  | 63.90<br>-5.55<br>-12.85 | 63.72<br>-5.19<br>-14.86 | 56.19<br>-4.77<br>-12.77 | 56.56<br>-4.78<br>-13.53  | 56.14<br>-4.55<br>-12.81  | 50.27<br>-5.04<br>-6.40   | 47.56<br>-5.17<br>-4.85 | 47.04<br>-5.27<br>-4.88  | 39.61<br>-3.80<br>-4.64 | 32.96<br>-3.02<br>-2.08 | 37.70<br>-2.88<br>0.00  |

|                            |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                          |                          |                          |                           |                           |                           |                           |                           |                          |                         |                         |                         |                         |                        |
|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| HUNTLEY___65<br>23559      | 34.94<br>-2.47<br>0.00 | 30.57<br>-2.80<br>0.00 | 25.86<br>-2.59<br>0.00 | 25.19<br>-2.74<br>0.00 | 25.22<br>-2.74<br>0.00 | 25.39<br>-2.54<br>0.00 | 30.23<br>-3.58<br>0.00 | 28.27<br>-3.13<br>-1.87 | 38.79<br>-4.73<br>-1.67 | 47.91<br>-5.05<br>-3.98 | 49.85<br>-5.13<br>-5.65  | 54.05<br>-4.69<br>-8.33  | 55.50<br>-4.84<br>-9.36  | 63.90<br>-5.55<br>-12.85  | 63.72<br>-5.19<br>-14.86  | 56.19<br>-4.77<br>-12.77  | 56.56<br>-4.78<br>-13.53  | 56.14<br>-4.55<br>-12.81  | 50.27<br>-5.04<br>-6.40  | 47.56<br>-5.17<br>-4.85 | 47.04<br>-5.27<br>-4.88 | 39.61<br>-3.80<br>-4.64 | 32.96<br>-3.02<br>-2.08 | 37.70<br>-2.88<br>0.00 |
| HUNTLEY___66<br>23560      | 34.94<br>-2.47<br>0.00 | 30.57<br>-2.80<br>0.00 | 25.86<br>-2.59<br>0.00 | 25.19<br>-2.74<br>0.00 | 25.22<br>-2.74<br>0.00 | 25.39<br>-2.54<br>0.00 | 30.23<br>-3.58<br>0.00 | 28.27<br>-3.13<br>-1.87 | 38.79<br>-4.73<br>-1.67 | 47.91<br>-5.05<br>-3.98 | 49.85<br>-5.13<br>-5.65  | 54.05<br>-4.69<br>-8.33  | 55.50<br>-4.84<br>-9.36  | 63.90<br>-5.55<br>-12.85  | 63.72<br>-5.19<br>-14.86  | 56.19<br>-4.77<br>-12.77  | 56.56<br>-4.78<br>-13.53  | 56.14<br>-4.55<br>-12.81  | 50.27<br>-5.04<br>-6.40  | 47.56<br>-5.17<br>-4.85 | 47.04<br>-5.27<br>-4.88 | 39.61<br>-3.80<br>-4.64 | 32.96<br>-3.02<br>-2.08 | 37.70<br>-2.88<br>0.00 |
| HUNTLEY___67<br>23561      | 34.83<br>-2.58<br>0.00 | 30.50<br>-2.87<br>0.00 | 25.80<br>-2.65<br>0.00 | 25.14<br>-2.79<br>0.00 | 25.19<br>-2.77<br>0.00 | 25.36<br>-2.57<br>0.00 | 30.19<br>-3.62<br>0.00 | 28.24<br>-3.16<br>-1.87 | 38.79<br>-4.73<br>-1.67 | 47.87<br>-5.09<br>-3.98 | 48.16<br>-5.18<br>-4.01  | 52.56<br>-4.79<br>-6.94  | 55.39<br>-4.95<br>-9.36  | 59.23<br>-5.60<br>-8.23   | 55.75<br>-5.30<br>-7.00   | 46.95<br>-4.82<br>-3.58   | 45.84<br>-4.78<br>-2.81   | 56.14<br>-4.55<br>-12.81  | 50.27<br>-5.04<br>-6.40  | 47.56<br>-5.17<br>-4.85 | 47.09<br>-5.22<br>-4.88 | 39.61<br>-3.80<br>-4.64 | 33.00<br>-2.98<br>-2.08 | 37.66<br>-2.92<br>0.00 |
| HUNTLEY___68<br>23562      | 34.83<br>-2.58<br>0.00 | 30.50<br>-2.87<br>0.00 | 25.80<br>-2.65<br>0.00 | 25.14<br>-2.79<br>0.00 | 25.19<br>-2.77<br>0.00 | 25.36<br>-2.57<br>0.00 | 30.19<br>-3.62<br>0.00 | 28.24<br>-3.16<br>-1.87 | 38.79<br>-4.73<br>-1.67 | 47.87<br>-5.09<br>-3.98 | 48.16<br>-5.18<br>-4.01  | 52.56<br>-4.79<br>-6.94  | 55.39<br>-4.95<br>-9.36  | 59.23<br>-5.60<br>-8.23   | 55.75<br>-5.30<br>-7.00   | 46.95<br>-4.82<br>-3.58   | 45.84<br>-4.78<br>-2.81   | 56.14<br>-4.55<br>-12.81  | 50.27<br>-5.04<br>-6.40  | 47.56<br>-5.17<br>-4.85 | 47.09<br>-5.22<br>-4.88 | 39.61<br>-3.80<br>-4.64 | 33.00<br>-2.98<br>-2.08 | 37.66<br>-2.92<br>0.00 |
| INDECK___CORINTH<br>23802  | 38.98<br>1.57<br>0.00  | 34.77<br>1.40<br>0.00  | 30.01<br>1.56<br>0.00  | 29.38<br>1.45<br>0.00  | 29.39<br>1.43<br>0.00  | 29.35<br>1.42<br>0.00  | 35.26<br>1.45<br>0.00  | 46.94<br>0.86<br>-16.55 | 57.70<br>1.09<br>-14.76 | 86.04<br>1.86<br>-35.20 | 101.29<br>1.97<br>-49.99 | 126.24<br>2.22<br>-73.61 | 136.10<br>2.35<br>-82.77 | 172.85<br>2.66<br>-113.59 | 176.12<br>2.76<br>-119.31 | 163.44<br>2.31<br>-112.94 | 169.69<br>2.25<br>-119.63 | 163.41<br>2.25<br>-113.28 | 107.53<br>2.05<br>-56.57 | 92.57<br>1.77<br>-42.92 | 92.33<br>1.76<br>-43.14 | 80.98<br>1.16<br>-41.05 | 53.11<br>0.85<br>-18.36 | 42.12<br>1.54<br>0.00  |
| INDECK___ILION<br>23567    | 38.08<br>0.67<br>0.00  | 34.00<br>0.63<br>0.00  | 28.96<br>0.51<br>0.00  | 28.40<br>0.47<br>0.00  | 28.44<br>0.48<br>0.00  | 28.40<br>0.47<br>0.00  | 34.45<br>0.64<br>0.00  | 29.95<br>0.74<br>0.32   | 42.77<br>1.21<br>0.29   | 49.77<br>1.47<br>0.68   | 49.99<br>1.63<br>0.97    | 50.70<br>1.71<br>1.42    | 51.11<br>1.73<br>1.60    | 56.33<br>1.92<br>2.19     | 53.67<br>1.89<br>2.27     | 47.65<br>1.64<br>2.18     | 47.13<br>1.63<br>2.31     | 47.37<br>1.68<br>2.19     | 49.43<br>1.61<br>1.09    | 48.58<br>1.53<br>0.83   | 48.12<br>1.52<br>0.83   | 39.14<br>1.16<br>0.79   | 34.40<br>0.85<br>0.35   | 41.47<br>0.89<br>0.00  |
| INDECK___OLEAN<br>23982    | 35.20<br>-2.21<br>0.00 | 30.83<br>-2.54<br>0.00 | 26.09<br>-2.36<br>0.00 | 25.33<br>-2.60<br>0.00 | 25.42<br>-2.54<br>0.00 | 25.61<br>-2.32<br>0.00 | 30.80<br>-3.01<br>0.00 | 29.85<br>-1.83<br>-2.15 | 42.17<br>-1.59<br>-1.91 | 52.41<br>-1.13<br>-4.56 | 56.60<br>-0.74<br>-8.01  | 61.18<br>-0.05<br>-10.82 | 61.51<br>-0.20<br>-10.73 | 74.87<br>-0.74<br>-19.01  | 78.39<br>-0.49<br>-24.83  | 71.01<br>-0.34<br>-23.16  | 72.93<br>-0.33<br>-25.45  | 62.43<br>-0.14<br>-14.69  | 55.31<br>-0.93<br>-7.33  | 52.25<br>-1.20<br>-5.57 | 51.74<br>-1.28<br>-5.59 | 43.04<br>-1.05<br>-5.32 | 34.62<br>-1.66<br>-2.38 | 38.06<br>-2.52<br>0.00 |
| INDECK___OSWEGO<br>23783   | 36.36<br>-1.05<br>0.00 | 32.37<br>-1.00<br>0.00 | 27.54<br>-0.91<br>0.00 | 26.98<br>-0.95<br>0.00 | 27.01<br>-0.95<br>0.00 | 27.04<br>-0.89<br>0.00 | 32.80<br>-1.01<br>0.00 | 29.54<br>-0.86<br>-0.87 | 41.45<br>-1.17<br>-0.77 | 48.76<br>-2.06<br>-1.84 | 49.83<br>-2.12<br>-2.62  | 51.75<br>-2.52<br>-3.86  | 52.77<br>-2.55<br>-4.34  | 59.78<br>-2.77<br>-5.95   | 56.50<br>-2.59<br>-5.04   | 51.75<br>-2.36<br>-5.92   | 52.12<br>-2.29<br>-6.60   | 51.93<br>-2.20<br>-6.25   | 50.02<br>-2.01<br>-3.12  | 48.29<br>-1.96<br>-2.37 | 47.96<br>-1.85<br>-2.38 | 39.84<br>-1.20<br>-2.27 | 34.03<br>-0.88<br>-1.01 | 39.57<br>-1.01<br>0.00 |
| INDECK___YERKES<br>23781   | 34.94<br>-2.47<br>0.00 | 30.57<br>-2.80<br>0.00 | 25.86<br>-2.59<br>0.00 | 25.19<br>-2.74<br>0.00 | 25.22<br>-2.74<br>0.00 | 25.39<br>-2.54<br>0.00 | 30.23<br>-3.58<br>0.00 | 28.27<br>-3.13<br>-1.87 | 38.79<br>-4.73<br>-1.67 | 47.91<br>-5.05<br>-3.98 | 49.85<br>-5.13<br>-5.65  | 54.05<br>-4.69<br>-8.33  | 55.50<br>-4.84<br>-9.36  | 63.90<br>-5.55<br>-12.85  | 63.72<br>-5.19<br>-14.86  | 56.19<br>-4.77<br>-12.77  | 56.56<br>-4.78<br>-13.53  | 56.14<br>-4.55<br>-12.81  | 50.27<br>-5.04<br>-6.40  | 47.56<br>-5.17<br>-4.85 | 47.04<br>-5.27<br>-4.88 | 39.61<br>-3.80<br>-4.64 | 32.96<br>-3.02<br>-2.08 | 37.70<br>-2.88<br>0.00 |
| INDIAN POINT_GT_1<br>24139 | 40.76<br>3.25<br>-0.10 | 36.71<br>3.14<br>-0.20 | 31.46<br>2.67<br>-0.34 | 30.82<br>2.54<br>-0.35 | 30.85<br>2.54<br>-0.35 | 30.92<br>2.63<br>-0.36 | 37.19<br>3.18<br>-0.20 | 45.06<br>3.13<br>-12.40 | 57.51<br>4.60<br>-11.06 | 80.83<br>5.49<br>-26.36 | 92.39<br>5.62<br>-37.44  | 111.39<br>5.85<br>-55.13 | 118.99<br>6.02<br>-61.99 | 148.25<br>6.57<br>-85.08  | 151.24<br>6.43<br>-90.76  | 138.42<br>5.64<br>-84.59  | 143.05<br>5.64<br>-89.60  | 138.47<br>5.75<br>-84.84  | 96.95<br>5.67<br>-42.37  | 85.49<br>5.46<br>-32.15 | 85.10<br>5.36<br>-32.31 | 73.82<br>4.30<br>-30.75 | 51.34<br>3.69<br>-13.75 | 44.43<br>3.85<br>0.00  |
| INDIAN POINT_GT_2<br>23659 | 40.76<br>3.25<br>-0.10 | 36.71<br>3.14<br>-0.20 | 31.46<br>2.67<br>-0.34 | 30.82<br>2.54<br>-0.35 | 30.85<br>2.54<br>-0.35 | 30.92<br>2.63<br>-0.36 | 37.19<br>3.18<br>-0.20 | 45.06<br>3.13<br>-12.40 | 57.51<br>4.60<br>-11.06 | 80.83<br>5.49<br>-26.36 | 92.39<br>5.62<br>-37.44  | 111.39<br>5.85<br>-55.13 | 118.99<br>6.02<br>-61.99 | 148.25<br>6.57<br>-85.08  | 151.24<br>6.43<br>-90.76  | 138.42<br>5.64<br>-84.59  | 143.05<br>5.64<br>-89.60  | 138.47<br>5.75<br>-84.84  | 96.95<br>5.67<br>-42.37  | 85.49<br>5.46<br>-32.15 | 85.10<br>5.36<br>-32.31 | 73.82<br>4.30<br>-30.75 | 51.34<br>3.69<br>-13.75 | 44.43<br>3.85<br>0.00  |
| INDIAN POINT_GT_3<br>24019 | 40.76<br>3.25<br>-0.10 | 36.71<br>3.14<br>-0.20 | 31.46<br>2.67<br>-0.34 | 30.82<br>2.54<br>-0.35 | 30.85<br>2.54<br>-0.35 | 30.92<br>2.63<br>-0.36 | 37.19<br>3.18<br>-0.20 | 45.06<br>3.13<br>-12.40 | 57.51<br>4.60<br>-11.06 | 80.83<br>5.49<br>-26.36 | 92.39<br>5.62<br>-37.44  | 111.39<br>5.85<br>-55.13 | 118.99<br>6.02<br>-61.99 | 148.25<br>6.57<br>-85.08  | 151.24<br>6.43<br>-90.76  | 138.42<br>5.64<br>-84.59  | 143.05<br>5.64<br>-89.60  | 138.47<br>5.75<br>-84.84  | 96.95<br>5.67<br>-42.37  | 85.49<br>5.46<br>-32.15 | 85.10<br>5.36<br>-32.31 | 73.82<br>4.30<br>-30.75 | 51.34<br>3.69<br>-13.75 | 44.43<br>3.85<br>0.00  |
| INDIAN POINT___2<br>23530  | 40.43<br>2.92<br>-0.10 | 36.44<br>2.87<br>-0.20 | 31.26<br>2.47<br>-0.34 | 30.60<br>2.32<br>-0.35 | 30.63<br>2.32<br>-0.35 | 30.69<br>2.40<br>-0.36 | 36.92<br>2.91<br>-0.20 | 44.68<br>2.89<br>-12.26 | 57.06<br>4.27<br>-10.94 | 80.14<br>5.09<br>-26.07 | 91.54<br>5.18<br>-37.03  | 110.32<br>5.39<br>-54.52 | 117.84<br>5.56<br>-61.30 | 146.79<br>6.06<br>-84.13  | 149.88<br>6.00<br>-89.83  | 137.09<br>5.25<br>-83.65  | 141.68<br>5.26<br>-88.61  | 137.15<br>5.36<br>-83.91  | 96.04<br>5.23<br>-41.90  | 84.75<br>5.08<br>-31.79 | 84.31<br>4.93<br>-31.95 | 73.17<br>3.99<br>-30.41 | 50.89<br>3.39<br>-13.60 | 44.07<br>3.49<br>0.00  |
| INDIAN POINT___3<br>23531  | 40.38<br>2.88<br>-0.09 | 36.39<br>2.84<br>-0.18 | 31.21<br>2.45<br>-0.31 | 30.54<br>2.29<br>-0.32 | 30.57<br>2.29<br>-0.32 | 30.63<br>2.37<br>-0.33 | 36.86<br>2.87<br>-0.18 | 44.79<br>2.86<br>-12.40 | 57.09<br>4.18<br>-11.06 | 80.34<br>5.00<br>-26.36 | 91.85<br>5.08<br>-37.44  | 110.83<br>5.29<br>-55.13 | 118.43<br>5.46<br>-61.99 | 147.62<br>5.94<br>-85.08  | 150.65<br>5.84<br>-90.76  | 137.94<br>5.16<br>-84.59  | 142.53<br>5.12<br>-89.60  | 137.94<br>5.22<br>-84.84  | 96.42<br>5.14<br>-42.37  | 85.01<br>4.98<br>-32.15 | 84.58<br>4.84<br>-32.31 | 73.44<br>3.92<br>-30.75 | 51.01<br>3.36<br>-13.75 | 44.03<br>3.45<br>0.00  |
| INDIAN PT_GT_GRP<br>23687  | 40.76<br>3.25<br>-0.10 | 36.71<br>3.14<br>-0.20 | 31.46<br>2.67<br>-0.34 | 30.82<br>2.54<br>-0.35 | 30.85<br>2.54<br>-0.35 | 30.92<br>2.63<br>-0.36 | 37.19<br>3.18<br>-0.20 | 45.06<br>3.13<br>-12.40 | 57.51<br>4.60<br>-11.06 | 80.83<br>5.49<br>-26.36 | 92.39<br>5.62<br>-37.44  | 111.39<br>5.85<br>-55.13 | 118.99<br>6.02<br>-61.99 | 148.25<br>6.57<br>-85.08  | 151.24<br>6.43<br>-90.76  | 138.42<br>5.64<br>-84.59  | 143.05<br>5.64<br>-89.60  | 138.47<br>5.75<br>-84.84  | 96.95<br>5.67<br>-42.37  | 85.49<br>5.46<br>-32.15 | 85.10<br>5.36<br>-32.31 | 73.82<br>4.30<br>-30.75 | 51.34<br>3.69<br>-13.75 | 44.43<br>3.85<br>0.00  |
| IP CORINTH___1<br>23988    | 38.98<br>1.57<br>0.00  | 34.77<br>1.40<br>0.00  | 30.01<br>1.56<br>0.00  | 29.38<br>1.45<br>0.00  | 29.39<br>1.43<br>0.00  | 29.35<br>1.42<br>0.00  | 35.26<br>1.45<br>0.00  | 46.94<br>0.86<br>-16.55 | 57.70<br>1.09<br>-14.76 | 86.04<br>1.86<br>-35.20 | 101.29<br>1.97<br>-49.99 | 126.24<br>2.22<br>-73.61 | 136.10<br>2.35<br>-82.77 | 172.85<br>2.66<br>-113.59 | 176.12<br>2.76<br>-119.31 | 163.44<br>2.31<br>-112.94 | 169.69<br>2.25<br>-119.63 | 163.41<br>2.25<br>-113.28 | 107.53<br>2.05<br>-56.57 | 92.57<br>1.77<br>-42.92 | 92.33<br>1.76<br>-43.14 | 80.98<br>1.16<br>-41.05 | 53.11<br>0.85<br>-18.36 | 42.12<br>1.54<br>0.00  |

|                             |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                           |                           |                           |                           |                           |                           |                         |                          |                         |                         |                         |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| IP__TICONDEROGA<br>23804    | 40.37<br>2.96<br>0.00   | 36.07<br>2.70<br>0.00   | 30.90<br>2.45<br>0.00   | 30.28<br>2.35<br>0.00   | 30.28<br>2.32<br>0.00   | 30.30<br>2.37<br>0.00   | 36.72<br>2.91<br>0.00   | 48.44<br>2.72<br>-16.19 | 60.22<br>3.93<br>-14.44 | 88.30<br>4.90<br>-34.42 | 103.25<br>5.03<br>-48.89 | 127.68<br>5.29<br>-71.98 | 137.38<br>5.46<br>-80.94 | 173.68<br>6.00<br>-111.08 | 176.72<br>5.89<br>-116.78 | 163.88<br>5.25<br>-110.44 | 170.01<br>5.21<br>-116.99 | 163.88<br>5.22<br>-110.78 | 109.27<br>5.04<br>-55.32  | 94.65<br>4.79<br>-41.98 | 94.36<br>4.74<br>-42.19  | 82.56<br>3.64<br>-40.15 | 54.83<br>2.98<br>-17.95 | 44.03<br>3.45<br>0.00   |
| JARVIS____<br>23743         | 37.71<br>0.30<br>0.00   | 33.64<br>0.27<br>0.00   | 28.68<br>0.23<br>0.00   | 28.13<br>0.20<br>0.00   | 28.16<br>0.20<br>0.00   | 28.13<br>0.20<br>0.00   | 34.05<br>0.24<br>0.00   | 29.48<br>0.27<br>0.32   | 41.98<br>0.42<br>0.29   | 48.74<br>0.44<br>0.68   | 48.85<br>0.49<br>0.97    | 49.44<br>0.45<br>1.42    | 49.84<br>0.46<br>1.60    | 54.92<br>0.51<br>2.19     | 52.27<br>0.49<br>2.27     | 46.44<br>0.43<br>2.18     | 45.93<br>0.43<br>2.31     | 46.12<br>0.43<br>2.19     | 48.31<br>0.49<br>1.09     | 47.48<br>0.43<br>0.83   | 47.03<br>0.43<br>0.83    | 38.33<br>0.35<br>0.79   | 33.82<br>0.27<br>0.35   | 40.90<br>0.32<br>0.00   |
| JENNISON____1<br>23625      | 38.27<br>0.86<br>0.00   | 34.00<br>0.63<br>0.00   | 28.93<br>0.48<br>0.00   | 28.29<br>0.36<br>0.00   | 28.32<br>0.36<br>0.00   | 28.32<br>0.39<br>0.00   | 34.49<br>0.68<br>0.00   | 34.83<br>1.03<br>-4.27  | 47.88<br>2.22<br>-3.81  | 60.71<br>2.65<br>-9.08  | 65.37<br>2.96<br>-13.08  | 72.73<br>3.18<br>-19.14  | 75.44<br>3.11<br>-21.35  | 89.88<br>3.45<br>-29.83   | 94.26<br>3.46<br>-36.75   | 81.31<br>2.94<br>-30.18   | 82.76<br>2.87<br>-32.08   | 80.02<br>2.92<br>-29.22   | 66.29<br>2.79<br>-14.59   | 61.49<br>2.54<br>-11.07 | 61.12<br>2.56<br>-11.13  | 50.95<br>1.59<br>-10.59 | 39.58<br>0.95<br>-4.73  | 41.55<br>0.97<br>0.00   |
| JENNISON____2<br>23626      | 38.20<br>0.79<br>0.00   | 33.94<br>0.57<br>0.00   | 28.88<br>0.43<br>0.00   | 28.24<br>0.31<br>0.00   | 28.30<br>0.34<br>0.00   | 28.27<br>0.34<br>0.00   | 34.42<br>0.61<br>0.00   | 34.77<br>0.97<br>-4.27  | 47.75<br>2.09<br>-3.81  | 60.61<br>2.55<br>-9.08  | 65.22<br>2.81<br>-13.08  | 72.57<br>3.02<br>-19.14  | 75.29<br>2.96<br>-21.35  | 89.71<br>3.28<br>-29.83   | 94.10<br>3.30<br>-36.75   | 81.17<br>2.80<br>-30.18   | 82.62<br>2.73<br>-32.08   | 79.88<br>2.78<br>-29.22   | 66.14<br>2.64<br>-14.59   | 61.39<br>2.44<br>-11.07 | 60.98<br>2.42<br>-11.13  | 50.91<br>1.55<br>-10.59 | 39.55<br>0.92<br>-4.73  | 41.47<br>0.89<br>0.00   |
| KEDC PORT_JEFF_GT2<br>24210 | 40.36<br>3.18<br>0.23   | 38.79<br>3.57<br>-1.85  | 37.62<br>3.10<br>-6.07  | 38.42<br>2.91<br>-7.58  | 38.32<br>2.91<br>-7.45  | 38.45<br>3.02<br>-7.50  | 39.15<br>3.69<br>-1.65  | 44.23<br>2.92<br>-11.78 | 57.09<br>4.10<br>-11.14 | 79.95<br>4.41<br>-26.56 | 79.59<br>4.09<br>-26.17  | 110.01<br>4.08<br>-55.52 | 118.27<br>4.84<br>-62.45 | 147.45<br>5.15<br>-85.70  | 150.68<br>5.24<br>-91.39  | 138.17<br>4.77<br>-85.21  | 173.22<br>4.92<br>-120.49 | 173.23<br>5.03<br>-120.32 | 173.14<br>4.89<br>-119.34 | 84.90<br>4.64<br>-32.38 | 124.69<br>4.60<br>-72.66 | 89.07<br>3.92<br>-46.38 | 78.95<br>3.83<br>-41.22 | 91.27<br>4.63<br>-46.06 |
| KEDC PORT_JEFF_GT3<br>24211 | 40.36<br>3.18<br>0.23   | 38.79<br>3.57<br>-1.85  | 37.62<br>3.10<br>-6.07  | 38.42<br>2.91<br>-7.58  | 38.32<br>2.91<br>-7.45  | 38.45<br>3.02<br>-7.50  | 39.15<br>3.69<br>-1.65  | 44.23<br>2.92<br>-11.78 | 57.09<br>4.10<br>-11.14 | 79.95<br>4.41<br>-26.56 | 79.59<br>4.09<br>-26.17  | 110.01<br>4.08<br>-55.52 | 118.27<br>4.84<br>-62.45 | 147.45<br>5.15<br>-85.70  | 150.68<br>5.24<br>-91.39  | 138.22<br>4.82<br>-85.21  | 173.22<br>4.92<br>-120.49 | 173.23<br>5.03<br>-120.32 | 173.19<br>4.94<br>-119.34 | 84.90<br>4.64<br>-32.38 | 124.74<br>4.65<br>-72.66 | 89.07<br>3.92<br>-46.38 | 78.98<br>3.86<br>-41.22 | 91.27<br>4.63<br>-46.06 |
| KEDC_GLWD_GT4<br>24219      | 40.81<br>3.63<br>0.23   | 39.02<br>3.80<br>-1.85  | 37.76<br>3.24<br>-6.07  | 38.58<br>3.07<br>-7.58  | 38.49<br>3.08<br>-7.45  | 38.53<br>3.10<br>-7.50  | 39.28<br>3.82<br>-1.65  | 44.89<br>3.25<br>-12.11 | 57.38<br>4.39<br>-11.14 | 80.63<br>5.09<br>-26.56 | 86.18<br>5.28<br>-31.57  | 111.49<br>5.55<br>-55.53 | 119.40<br>5.97<br>-62.45 | 148.75<br>6.45<br>-85.70  | 151.82<br>6.38<br>-91.39  | 139.09<br>5.69<br>-85.21  | 174.04<br>5.74<br>-120.49 | 174.04<br>5.84<br>-120.32 | 173.97<br>5.72<br>-119.34 | 85.81<br>5.55<br>-32.38 | 125.54<br>5.45<br>-72.66 | 89.45<br>4.30<br>-46.38 | 78.88<br>3.76<br>-41.22 | 91.10<br>4.46<br>-46.06 |
| KEDC_GLWD_GT5<br>24220      | 40.81<br>3.63<br>0.23   | 39.02<br>3.80<br>-1.85  | 37.76<br>3.24<br>-6.07  | 38.58<br>3.07<br>-7.58  | 38.49<br>3.08<br>-7.45  | 38.53<br>3.10<br>-7.50  | 39.28<br>3.82<br>-1.65  | 44.89<br>3.25<br>-12.11 | 57.38<br>4.39<br>-11.14 | 80.63<br>5.09<br>-26.56 | 86.18<br>5.28<br>-31.57  | 111.49<br>5.55<br>-55.53 | 119.40<br>5.97<br>-62.45 | 148.75<br>6.45<br>-85.70  | 151.82<br>6.38<br>-91.39  | 139.09<br>5.69<br>-85.21  | 174.04<br>5.74<br>-120.49 | 174.04<br>5.84<br>-120.32 | 173.97<br>5.72<br>-119.34 | 85.81<br>5.55<br>-32.38 | 125.54<br>5.45<br>-72.66 | 89.49<br>4.34<br>-46.38 | 78.92<br>3.80<br>-41.22 | 91.10<br>4.46<br>-46.06 |
| KENSICO____<br>23655        | 40.97<br>3.44<br>-0.12  | 36.94<br>3.34<br>-0.23  | 31.69<br>2.84<br>-0.40  | 31.05<br>2.71<br>-0.41  | 31.08<br>2.71<br>-0.41  | 31.14<br>2.79<br>-0.42  | 37.42<br>3.38<br>-0.23  | 45.31<br>3.31<br>-12.47 | 57.78<br>4.81<br>-11.12 | 81.22<br>5.73<br>-26.51 | 92.85<br>5.87<br>-37.65  | 111.94<br>6.10<br>-55.43 | 119.58<br>6.27<br>-62.33 | 149.00<br>6.85<br>-85.55  | 151.98<br>6.70<br>-91.23  | 139.12<br>5.88<br>-85.05  | 143.78<br>5.88<br>-90.09  | 139.18<br>5.99<br>-85.31  | 97.38<br>5.87<br>-42.60   | 85.90<br>5.70<br>-32.32 | 85.52<br>5.60<br>-32.49  | 74.19<br>4.50<br>-30.92 | 51.58<br>3.86<br>-13.82 | 44.68<br>4.10<br>0.00   |
| KIAC_JFK_AIRPORT<br>23541   | 54.60<br>4.38<br>-12.81 | 54.34<br>4.14<br>-16.83 | 53.91<br>3.53<br>-21.93 | 52.57<br>3.35<br>-21.29 | 52.58<br>3.36<br>-21.26 | 53.12<br>3.44<br>-21.75 | 54.37<br>4.23<br>-16.33 | 53.11<br>3.90<br>-19.68 | 58.56<br>5.57<br>-11.14 | 99.73<br>6.71<br>-44.04 | 95.05<br>6.86<br>-38.86  | 113.06<br>7.11<br>-55.54 | 120.67<br>7.24<br>-62.45 | 150.22<br>7.92<br>-85.70  | 153.12<br>7.68<br>-91.39  | 140.05<br>6.65<br>-85.21  | 144.72<br>6.65<br>-90.26  | 140.10<br>6.75<br>-85.47  | 98.29<br>6.70<br>-42.68   | 86.82<br>6.56<br>-32.38 | 86.43<br>6.45<br>-32.55  | 74.74<br>5.00<br>-30.97 | 54.24<br>4.51<br>-15.83 | 55.20<br>5.07<br>-9.55  |
| KINTIGH____<br>23543        | 34.60<br>-2.81<br>0.00  | 30.40<br>-2.97<br>0.00  | 25.75<br>-2.70<br>0.00  | 25.14<br>-2.79<br>0.00  | 25.19<br>-2.77<br>0.00  | 25.30<br>-2.63<br>0.00  | 30.23<br>-3.58<br>0.00  | 27.83<br>-3.28<br>-1.58 | 38.24<br>-5.02<br>-1.41 | 46.75<br>-5.58<br>-3.35 | 47.83<br>-5.72<br>-4.22  | 51.47<br>-5.49<br>-6.55  | 53.20<br>-5.66<br>-7.88  | 59.56<br>-6.34<br>-9.30   | 57.49<br>-5.95<br>-9.39   | 50.54<br>-5.40<br>-7.75   | 50.29<br>-5.40<br>-7.88   | 53.44<br>-5.22<br>-10.78  | 48.71<br>-5.58<br>-5.38   | 46.32<br>-5.65<br>-4.09 | 45.90<br>-5.64<br>-4.11  | 38.57<br>-4.11<br>-3.91 | 32.46<br>-3.19<br>-1.75 | 37.50<br>-3.08<br>0.00  |
| LEDERLE____<br>23769        | 40.81<br>3.40<br>0.00   | 36.64<br>3.27<br>0.00   | 31.27<br>2.82<br>0.00   | 30.58<br>2.65<br>0.00   | 30.62<br>2.66<br>0.00   | 30.67<br>2.74<br>0.00   | 37.16<br>3.35<br>0.00   | 45.01<br>3.45<br>-12.03 | 57.73<br>5.15<br>-10.73 | 80.73<br>6.17<br>-25.58 | 91.94<br>6.27<br>-36.34  | 110.42<br>6.50<br>-53.51 | 117.82<br>6.68<br>-60.16 | 146.53<br>7.36<br>-82.57  | 149.49<br>7.19<br>-88.25  | 136.74<br>6.46<br>-82.09  | 141.22<br>6.45<br>-86.96  | 136.78<br>6.56<br>-82.34  | 96.49<br>6.46<br>-41.12   | 85.26<br>6.18<br>-31.20 | 84.72<br>5.93<br>-31.36  | 73.46<br>4.85<br>-29.84 | 51.27<br>4.03<br>-13.34 | 44.60<br>4.02<br>0.00   |
| LINDEN COGEN____<br>23786   | 44.19<br>3.70<br>-3.08  | 42.98<br>3.54<br>-6.07  | 41.92<br>3.02<br>-10.45 | 41.43<br>2.85<br>-10.65 | 41.47<br>2.88<br>-10.63 | 41.94<br>2.96<br>-11.05 | 43.51<br>3.62<br>-6.08  | 45.45<br>3.43<br>-12.49 | 57.80<br>4.81<br>-11.14 | 81.22<br>5.68<br>-26.56 | 92.87<br>5.82<br>-37.72  | 112.05<br>6.10<br>-55.54 | 119.70<br>6.27<br>-62.45 | 149.15<br>6.85<br>-85.70  | 152.14<br>6.70<br>-91.39  | 139.13<br>5.73<br>-85.21  | 143.81<br>5.74<br>-90.26  | 139.19<br>5.84<br>-85.47  | 97.26<br>5.67<br>-42.68   | 85.81<br>5.55<br>-32.38 | 85.43<br>5.45<br>-32.55  | 74.04<br>4.30<br>-30.97 | 51.72<br>3.97<br>-13.85 | 45.00<br>4.42<br>0.00   |
| LIPA_MISC_IPP<br>23656      | 40.55<br>3.37<br>0.23   | 38.92<br>3.70<br>-1.85  | 37.71<br>3.19<br>-6.07  | 38.53<br>3.02<br>-7.58  | 38.43<br>3.02<br>-7.45  | 38.56<br>3.13<br>-7.50  | 39.28<br>3.82<br>-1.65  | 44.38<br>3.07<br>-11.78 | 57.93<br>4.94<br>-11.14 | 80.98<br>5.44<br>-26.56 | 80.46<br>4.98<br>-26.15  | 110.97<br>5.04<br>-55.52 | 119.19<br>5.76<br>-62.45 | 148.47<br>6.17<br>-85.70  | 151.71<br>6.27<br>-91.39  | 139.09<br>5.69<br>-85.21  | 174.09<br>5.79<br>-120.49 | 174.09<br>5.89<br>-120.32 | 174.07<br>5.82<br>-119.34 | 85.77<br>5.51<br>-32.38 | 125.59<br>5.50<br>-72.66 | 89.84<br>4.69<br>-46.38 | 79.63<br>4.51<br>-41.22 | 91.51<br>4.87<br>-46.06 |
| LITTLE FALLS__HYD<br>24013  | 39.36<br>1.95<br>0.00   | 35.07<br>1.70<br>0.00   | 29.82<br>1.37<br>0.00   | 29.21<br>1.28<br>0.00   | 29.27<br>1.31<br>0.00   | 29.27<br>1.34<br>0.00   | 35.57<br>1.76<br>0.00   | 31.13<br>1.92<br>0.32   | 44.70<br>3.14<br>0.29   | 52.17<br>3.87<br>0.68   | 52.55<br>4.19<br>0.97    | 53.43<br>4.44<br>1.42    | 53.87<br>4.49<br>1.60    | 59.39<br>4.98<br>2.19     | 56.64<br>4.86<br>2.27     | 50.30<br>4.29<br>2.18     | 49.71<br>4.21<br>2.31     | 50.00<br>4.31<br>2.19     | 52.08<br>4.26<br>1.09     | 51.12<br>4.07<br>0.83   | 50.63<br>4.03<br>0.83    | 41.08<br>3.10<br>0.79   | 35.85<br>2.30<br>0.35   | 43.06<br>2.48<br>0.00   |
| LONG_LAKE_PHOENIX<br>24014  | 36.77<br>-0.64<br>0.00  | 32.70<br>-0.67<br>0.00  | 27.82<br>-0.63<br>0.00  | 27.26<br>-0.67<br>0.00  | 27.29<br>-0.67<br>0.00  | 27.32<br>-0.61<br>0.00  | 33.17<br>-0.64<br>0.00  | 29.91<br>-0.53<br>-0.91 | 42.03<br>-0.63<br>-0.81 | 49.25<br>-1.67<br>-1.94 | 50.36<br>-1.73<br>-2.76  | 52.50<br>-1.97<br>-4.06  | 53.51<br>-2.04<br>-4.57  | 60.66<br>-2.21<br>-6.27   | 57.34<br>-2.05<br>-5.34   | 52.54<br>-1.88<br>-6.23   | 52.72<br>-1.86<br>-6.77   | 52.52<br>-1.77<br>-6.41   | 50.50<br>-1.61<br>-3.20   | 48.68<br>-1.63<br>-2.43 | 48.35<br>-1.52<br>-2.44  | 40.12<br>-0.97<br>-2.32 | 34.47<br>-0.47<br>-1.04 | 40.01<br>-0.57<br>0.00  |

|                             |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                           |                           |                           |                           |                            |                            |                            |                          |                           |                         |                         |                         |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| LOVETT___3<br>23632         | 39.69<br>2.28<br>0.00   | 35.71<br>2.34<br>0.00   | 30.50<br>2.05<br>0.00   | 29.83<br>1.90<br>0.00   | 29.86<br>1.90<br>0.00   | 29.91<br>1.98<br>0.00   | 36.18<br>2.37<br>0.00   | 44.00<br>2.39<br>-12.08 | 55.93<br>3.31<br>-10.77 | 78.53<br>3.87<br>-25.68 | 89.76<br>3.95<br>-36.48  | 108.25<br>4.13<br>-53.71 | 115.65<br>4.28<br>-60.39  | 144.12<br>4.64<br>-82.88  | 147.21<br>4.59<br>-88.57  | 134.64<br>4.05<br>-82.40  | 139.16<br>4.06<br>-87.29   | 134.71<br>4.17<br>-82.66   | 94.19<br>4.01<br>-41.27    | 83.08<br>3.88<br>-31.32  | 82.66<br>3.75<br>-31.48   | 71.74<br>3.02<br>-29.95 | 49.87<br>2.58<br>-13.39 | 43.14<br>2.56<br>0.00   |
| LOVETT___4<br>23642         | 40.22<br>2.81<br>0.00   | 36.14<br>2.77<br>0.00   | 30.84<br>2.39<br>0.00   | 30.19<br>2.26<br>0.00   | 30.22<br>2.26<br>0.00   | 30.28<br>2.35<br>0.00   | 36.65<br>2.84<br>0.00   | 44.53<br>2.92<br>-12.08 | 56.93<br>4.31<br>-10.77 | 79.80<br>5.14<br>-25.68 | 90.99<br>5.18<br>-36.48  | 109.56<br>5.44<br>-53.71 | 116.98<br>5.61<br>-60.39  | 145.59<br>6.11<br>-82.88  | 148.67<br>6.05<br>-88.57  | 135.99<br>5.40<br>-82.40  | 140.45<br>5.35<br>-87.29   | 136.05<br>5.51<br>-82.66   | 95.56<br>5.38<br>-41.27    | 84.37<br>5.17<br>-31.32  | 83.84<br>4.93<br>-31.48   | 72.75<br>4.03<br>-29.95 | 50.65<br>3.36<br>-13.39 | 43.87<br>3.29<br>0.00   |
| LOVETT___5<br>23593         | 40.22<br>2.81<br>0.00   | 36.14<br>2.77<br>0.00   | 30.84<br>2.39<br>0.00   | 30.19<br>2.26<br>0.00   | 30.22<br>2.26<br>0.00   | 30.28<br>2.35<br>0.00   | 36.65<br>2.84<br>0.00   | 44.53<br>2.92<br>-12.08 | 56.93<br>4.31<br>-10.77 | 79.80<br>5.14<br>-25.68 | 90.99<br>5.18<br>-36.48  | 109.56<br>5.44<br>-53.71 | 116.98<br>5.61<br>-60.39  | 145.59<br>6.11<br>-82.88  | 148.67<br>6.05<br>-88.57  | 135.99<br>5.40<br>-82.40  | 140.45<br>5.35<br>-87.29   | 136.05<br>5.51<br>-82.66   | 95.56<br>5.38<br>-41.27    | 84.37<br>5.17<br>-31.32  | 83.84<br>4.93<br>-31.48   | 72.75<br>4.03<br>-29.95 | 50.65<br>3.36<br>-13.39 | 43.87<br>3.29<br>0.00   |
| LOWER RAQUET___HYD<br>24057 | 35.43<br>-1.98<br>0.00  | 31.60<br>-1.77<br>0.00  | 27.06<br>-1.39<br>0.00  | 26.65<br>-1.28<br>0.00  | 26.67<br>-1.29<br>0.00  | 26.59<br>-1.34<br>0.00  | 32.19<br>-1.62<br>0.00  | 28.14<br>-1.39<br>0.00  | 39.67<br>-2.18<br>0.00  | 46.73<br>-2.25<br>0.00  | 47.06<br>-2.27<br>0.00   | 48.24<br>-2.17<br>0.00   | 48.84<br>-2.14<br>0.00    | 54.28<br>-2.32<br>0.00    | 51.67<br>-2.38<br>0.00    | 45.97<br>-2.22<br>0.00    | 45.66<br>-2.15<br>0.00     | 45.49<br>-2.39<br>0.00     | 46.37<br>-2.54<br>0.00     | 45.44<br>-2.44<br>0.00   | 44.96<br>-2.47<br>0.00    | 36.33<br>-2.44<br>0.00  | 31.97<br>-1.93<br>0.00  | 38.51<br>-2.07<br>0.00  |
| LOWER___HUDSON<br>24059     | 39.69<br>2.28<br>0.00   | 35.51<br>2.14<br>0.00   | 30.33<br>1.88<br>0.00   | 29.72<br>1.79<br>0.00   | 29.72<br>1.76<br>0.00   | 29.69<br>1.76<br>0.00   | 36.01<br>2.20<br>0.00   | 47.37<br>1.86<br>-15.98 | 58.69<br>2.59<br>-14.25 | 86.24<br>3.28<br>-33.98 | 101.05<br>3.45<br>-48.27 | 125.11<br>3.63<br>-71.07 | 134.56<br>3.67<br>-79.91  | 170.29<br>4.02<br>-109.67 | 173.38<br>3.95<br>-115.38 | 160.75<br>3.52<br>-109.04 | 166.81<br>3.49<br>-115.51  | 160.79<br>3.54<br>-109.37  | 106.95<br>3.42<br>-54.62   | 92.58<br>3.26<br>-41.44  | 92.31<br>3.23<br>-41.65   | 80.89<br>2.48<br>-39.64 | 53.82<br>2.20<br>-17.72 | 43.10<br>2.52<br>0.00   |
| MG INDUSTRY___DRP<br>24185  | 39.06<br>1.65<br>0.00   | 35.00<br>1.63<br>0.00   | 29.84<br>1.39<br>0.00   | 29.24<br>1.31<br>0.00   | 29.27<br>1.31<br>0.00   | 29.24<br>1.31<br>0.00   | 35.30<br>1.49<br>0.00   | 46.58<br>1.39<br>-15.66 | 57.83<br>2.01<br>-13.97 | 84.73<br>2.45<br>-33.30 | 99.20<br>2.57<br>-47.30  | 122.68<br>2.62<br>-69.65 | 131.94<br>2.65<br>-78.31  | 166.80<br>2.72<br>-107.48 | 169.94<br>2.70<br>-113.19 | 157.46<br>2.41<br>-106.86 | 163.40<br>2.39<br>-113.20  | 157.51<br>2.44<br>-107.19  | 104.97<br>2.54<br>-53.52   | 90.98<br>2.49<br>-40.61  | 90.72<br>2.47<br>-40.82   | 79.55<br>1.94<br>-38.84 | 52.96<br>1.69<br>-17.37 | 42.37<br>1.79<br>0.00   |
| MILLIKEN___1<br>23584       | 34.90<br>-2.51<br>0.00  | 30.90<br>-2.47<br>0.00  | 26.20<br>-2.25<br>0.00  | 25.64<br>-2.29<br>0.00  | 25.67<br>-2.29<br>0.00  | 25.75<br>-2.18<br>0.00  | 31.48<br>-2.33<br>0.00  | 29.77<br>-1.86<br>-2.10 | 41.46<br>-2.26<br>-1.87 | 50.85<br>-2.60<br>-4.47 | 53.43<br>-2.37<br>-6.47  | 57.59<br>-2.27<br>-9.45  | 59.08<br>-2.40<br>-10.50  | 68.88<br>-2.49<br>-14.77  | 68.99<br>-2.22<br>-17.16  | 61.11<br>-2.12<br>-15.04  | 61.46<br>-2.20<br>-15.85   | 59.90<br>-2.20<br>-14.22   | 53.56<br>-2.45<br>-7.10    | 50.64<br>-2.63<br>-5.39  | 50.23<br>-2.61<br>-5.41   | 41.59<br>-2.33<br>-5.15 | 34.00<br>-2.20<br>-2.30 | 37.82<br>-2.76<br>0.00  |
| MILLIKEN___2<br>23585       | 34.87<br>-2.54<br>0.00  | 30.87<br>-2.50<br>0.00  | 26.20<br>-2.25<br>0.00  | 25.64<br>-2.29<br>0.00  | 25.67<br>-2.29<br>0.00  | 25.75<br>-2.18<br>0.00  | 31.48<br>-2.33<br>0.00  | 29.74<br>-1.89<br>-2.10 | 41.46<br>-2.26<br>-1.87 | 50.85<br>-2.60<br>-4.47 | 53.43<br>-2.37<br>-6.47  | 57.59<br>-2.27<br>-9.45  | 59.08<br>-2.40<br>-10.50  | 68.88<br>-2.49<br>-14.77  | 68.99<br>-2.22<br>-17.16  | 61.11<br>-2.12<br>-15.04  | 61.46<br>-2.20<br>-15.85   | 59.85<br>-2.25<br>-14.22   | 53.56<br>-2.45<br>-7.10    | 50.64<br>-2.63<br>-5.39  | 50.23<br>-2.61<br>-5.41   | 41.59<br>-2.33<br>-5.15 | 34.00<br>-2.20<br>-2.30 | 37.78<br>-2.80<br>0.00  |
| MILLIKEN___DIESEL<br>23629  | 35.09<br>-2.32<br>0.00  | 31.07<br>-2.30<br>0.00  | 26.37<br>-2.08<br>0.00  | 25.78<br>-2.15<br>0.00  | 25.81<br>-2.15<br>0.00  | 25.92<br>-2.01<br>0.00  | 31.65<br>-2.16<br>0.00  | 29.92<br>-1.71<br>-2.10 | 41.71<br>-2.01<br>-1.87 | 51.15<br>-2.30<br>-4.47 | 53.73<br>-2.07<br>-6.47  | 57.89<br>-1.97<br>-9.45  | 59.39<br>-2.09<br>-10.50  | 69.22<br>-2.15<br>-14.77  | 69.32<br>-1.89<br>-17.16  | 61.40<br>-1.83<br>-15.04  | 61.70<br>-1.96<br>-15.85   | 60.14<br>-1.96<br>-14.22   | 53.86<br>-2.15<br>-7.10    | 50.92<br>-2.35<br>-5.39  | 50.47<br>-2.37<br>-5.41   | 41.83<br>-2.09<br>-5.15 | 34.20<br>-2.00<br>-2.30 | 38.02<br>-2.56<br>0.00  |
| MODEL_CITY_ENERGY<br>24167  | 35.05<br>-2.36<br>0.00  | 30.70<br>-2.67<br>0.00  | 25.95<br>-2.50<br>0.00  | 25.30<br>-2.63<br>0.00  | 25.36<br>-2.60<br>0.00  | 25.50<br>-2.43<br>0.00  | 30.33<br>-3.48<br>0.00  | 28.20<br>-3.16<br>-1.83 | 38.58<br>-4.90<br>-1.63 | 47.57<br>-5.29<br>-3.88 | 49.34<br>-5.43<br>-5.44  | 53.43<br>-5.04<br>-8.06  | 54.91<br>-5.20<br>-9.13   | 62.99<br>-5.94<br>-12.33  | 62.51<br>-5.57<br>-14.03  | 55.18<br>-5.06<br>-12.05  | 55.29<br>-5.07<br>-12.55   | 55.38<br>-4.84<br>-12.34   | 49.79<br>-5.28<br>-6.16    | 47.15<br>-5.41<br>-4.68  | 46.68<br>-5.45<br>-4.70   | 39.29<br>-3.95<br>-4.47 | 32.92<br>-2.98<br>-2.00 | 37.90<br>-2.68<br>0.00  |
| MOHAWK_PAPER___DRP<br>24187 | 39.92<br>2.51<br>0.00   | 35.71<br>2.34<br>0.00   | 30.44<br>1.99<br>0.00   | 29.83<br>1.90<br>0.00   | 29.86<br>1.90<br>0.00   | 29.83<br>1.90<br>0.00   | 36.18<br>2.37<br>0.00   | 47.67<br>2.04<br>-16.10 | 59.01<br>2.80<br>-14.36 | 86.83<br>3.62<br>-34.23 | 101.74<br>3.80<br>-48.61 | 125.97<br>3.98<br>-71.58 | 135.49<br>4.03<br>-80.48  | 171.42<br>4.36<br>-110.46 | 174.54<br>4.32<br>-116.17 | 161.87<br>3.86<br>-109.82 | 167.92<br>3.78<br>-116.33  | 161.87<br>3.83<br>-110.16  | 107.64<br>3.72<br>-55.01   | 93.16<br>3.54<br>-41.74  | 92.89<br>3.51<br>-41.95   | 81.40<br>2.71<br>-39.92 | 54.22<br>2.47<br>-17.85 | 43.38<br>2.80<br>0.00   |
| MONGAUP___HYD<br>23641      | 40.40<br>2.99<br>0.00   | 36.17<br>2.80<br>0.00   | 30.90<br>2.45<br>0.00   | 30.22<br>2.29<br>0.00   | 30.25<br>2.29<br>0.00   | 30.30<br>2.37<br>0.00   | 36.82<br>3.01<br>0.00   | 44.62<br>3.72<br>-11.37 | 57.68<br>5.69<br>-10.14 | 80.07<br>6.91<br>-24.18 | 90.48<br>6.81<br>-34.34  | 107.42<br>6.45<br>-50.56 | 114.46<br>6.63<br>-56.85  | 142.03<br>7.41<br>-78.02  | 144.99<br>7.24<br>-83.70  | 132.76<br>6.99<br>-77.58  | 136.86<br>6.88<br>-82.17   | 132.63<br>6.94<br>-77.81   | 95.40<br>7.63<br>-38.86    | 84.40<br>7.04<br>-29.48  | 83.46<br>6.40<br>-29.63   | 72.51<br>5.54<br>-28.20 | 50.68<br>4.17<br>-12.61 | 44.11<br>3.53<br>0.00   |
| MONTAUK___DIESEL<br>23721   | 42.83<br>5.65<br>0.23   | 40.79<br>5.57<br>-1.85  | 39.13<br>4.61<br>-6.07  | 39.98<br>4.47<br>-7.58  | 39.88<br>4.47<br>-7.45  | 40.07<br>4.64<br>-7.50  | 41.24<br>5.78<br>-1.65  | 46.36<br>5.05<br>-11.78 | 61.28<br>8.29<br>-11.14 | 85.09<br>9.55<br>-26.56 | 84.85<br>9.37<br>-26.15  | 115.71<br>9.78<br>-55.52 | 124.14<br>10.71<br>-62.45 | 153.90<br>11.60<br>-85.70 | 156.95<br>11.51<br>-91.39 | 143.81<br>10.41<br>-85.21 | 178.77<br>10.47<br>-120.49 | 178.78<br>10.58<br>-120.32 | 178.82<br>10.57<br>-119.34 | 90.36<br>10.10<br>-32.38 | 130.15<br>10.06<br>-72.66 | 93.49<br>8.34<br>-46.38 | 82.44<br>7.32<br>-41.22 | 94.39<br>7.75<br>-46.06 |
| N SALMON___HYD<br>24042     | 36.25<br>-1.16<br>0.00  | 32.30<br>-1.07<br>0.00  | 27.63<br>-0.82<br>0.00  | 27.20<br>-0.73<br>0.00  | 27.23<br>-0.73<br>0.00  | 27.18<br>-0.75<br>0.00  | 32.90<br>-0.91<br>0.00  | 28.27<br>-0.83<br>0.43  | 40.16<br>-1.30<br>0.39  | 46.98<br>-1.08<br>0.92  | 46.89<br>-1.13<br>1.31   | 47.47<br>-1.01<br>1.93   | 47.84<br>-0.97<br>2.17    | 52.60<br>-1.02<br>2.98    | 49.83<br>-1.14<br>3.08    | 44.17<br>-1.06<br>2.96    | 43.84<br>-1.00<br>2.97     | 43.83<br>-1.24<br>2.81     | 46.19<br>-1.32<br>1.40     | 45.61<br>-1.20<br>1.07   | 45.13<br>-1.23<br>1.07    | 36.39<br>-1.36<br>1.02  | 32.29<br>-1.15<br>0.46  | 39.20<br>-1.38<br>0.00  |
| N.E_GEN_SANDY PD<br>24062   | 31.00<br>2.28<br>8.69   | 30.97<br>2.20<br>4.60   | 30.36<br>1.91<br>0.00   | 29.75<br>1.82<br>0.00   | 29.75<br>1.79<br>0.00   | 29.75<br>1.82<br>0.00   | 30.00<br>2.23<br>6.04   | 49.19<br>2.16<br>-17.50 | 58.64<br>3.14<br>-13.65 | 84.55<br>3.72<br>-31.85 | 98.36<br>3.80<br>-45.23  | 120.99<br>3.98<br>-66.60 | 129.90<br>4.03<br>-74.89  | 163.74<br>4.36<br>-102.78 | 166.84<br>4.32<br>-108.47 | 154.19<br>3.81<br>-102.19 | 159.88<br>3.82<br>-108.25  | 154.26<br>3.88<br>-102.50  | 103.91<br>3.82<br>-51.18   | 90.41<br>3.69<br>-38.84  | 90.11<br>3.65<br>-39.03   | 83.00<br>2.91<br>-41.32 | 57.00<br>2.51<br>-20.59 | 32.44<br>2.68<br>10.82  |
| NARROWS_GT1_1<br>24228      | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06  | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45  | 150.23<br>7.92<br>-85.71  | 152.95<br>7.51<br>-91.39  | 139.57<br>6.17<br>-85.21  | 144.24<br>6.17<br>-90.26   | 139.67<br>6.32<br>-85.47   | 98.00<br>6.41<br>-42.68    | 86.48<br>6.22<br>-32.38  | 86.29<br>6.31<br>-32.55   | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56  |



|                          |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                          |                          |                         |                         |                         |                         |                         |                        |
|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| NARROWS_GT1_2<br>24229   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT1_3<br>24230   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT1_4<br>24231   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT1_5<br>24232   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT1_6<br>24233   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT1_7<br>24234   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT1_8<br>24235   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT1_GRP<br>23726 | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT2_1<br>24236   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT2_2<br>24237   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT2_3<br>24238   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT2_4<br>24239   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT2_5<br>24240   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT2_6<br>24241   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT2_7<br>24242   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NARROWS_GT2_8<br>24243   | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26 | 139.67<br>6.32<br>-85.47 | 98.00<br>6.41<br>-42.68 | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |

|                                     |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                           |                           |                           |                           |                           |                          |                         |                         |                         |                         |                        |
|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| NARROWS_GT2_GRP<br>23741            | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06  | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71  | 152.95<br>7.51<br>-91.39  | 139.57<br>6.17<br>-85.21  | 144.24<br>6.17<br>-90.26  | 139.67<br>6.32<br>-85.47  | 98.00<br>6.41<br>-42.68  | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55 | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56 |
| NEG CAPITAL___MECHNVIL<br>23645     | 39.84<br>2.43<br>0.00   | 35.61<br>2.24<br>0.00   | 30.44<br>1.99<br>0.00   | 29.80<br>1.87<br>0.00   | 29.83<br>1.87<br>0.00   | 29.80<br>1.87<br>0.00   | 36.11<br>2.30<br>0.00   | 47.61<br>2.01<br>-16.07 | 58.95<br>2.76<br>-14.34 | 86.83<br>3.67<br>-34.18 | 101.72<br>3.85<br>-48.54 | 125.92<br>4.03<br>-71.48 | 135.53<br>4.18<br>-80.37 | 171.43<br>4.53<br>-110.30 | 174.55<br>4.49<br>-116.01 | 161.85<br>4.00<br>-109.66 | 167.90<br>3.92<br>-116.17 | 161.85<br>3.97<br>-110.00 | 107.66<br>3.82<br>-54.93 | 93.15<br>3.59<br>-41.68 | 92.88<br>3.56<br>-41.89 | 81.34<br>2.71<br>-39.86 | 54.06<br>2.34<br>-17.82 | 43.26<br>2.68<br>0.00  |
| NEG CENTRAL_HIGH_ACRES<br>23767     | 35.88<br>-1.53<br>0.00  | 31.70<br>-1.67<br>0.00  | 26.86<br>-1.59<br>0.00  | 26.28<br>-1.65<br>0.00  | 26.31<br>-1.65<br>0.00  | 26.39<br>-1.54<br>0.00  | 31.82<br>-1.99<br>0.00  | 29.18<br>-1.77<br>-1.42 | 40.56<br>-2.55<br>-1.26 | 49.20<br>-2.79<br>-3.01 | 50.62<br>-2.81<br>-4.10  | 53.89<br>-2.67<br>-6.15  | 55.31<br>-2.75<br>-7.08  | 62.82<br>-3.00<br>-9.22   | 60.68<br>-2.81<br>-9.44   | 54.32<br>-2.55<br>-8.68   | 54.27<br>-2.63<br>-9.09   | 55.08<br>-2.49<br>-9.69   | 51.06<br>-2.69<br>-4.84  | 48.73<br>-2.82<br>-3.67 | 48.27<br>-2.85<br>-3.69 | 40.26<br>-2.02<br>-3.51 | 33.88<br>-1.59<br>-1.57 | 39.04<br>-1.54<br>0.00 |
| NEG CENTRAL___DRP<br>24199          | 36.33<br>-1.08<br>0.00  | 32.17<br>-1.20<br>0.00  | 27.34<br>-1.11<br>0.00  | 26.73<br>-1.20<br>0.00  | 26.79<br>-1.17<br>0.00  | 26.87<br>-1.06<br>0.00  | 32.59<br>-1.22<br>0.00  | 30.17<br>-0.94<br>-1.58 | 42.26<br>-1.00<br>-1.41 | 51.15<br>-1.18<br>-3.35 | 53.05<br>-1.04<br>-4.76  | 56.36<br>-1.06<br>-7.01  | 57.74<br>-1.12<br>-7.88  | 66.22<br>-1.19<br>-10.81  | 64.25<br>-0.97<br>-11.17  | 57.98<br>-0.96<br>-10.75  | 57.98<br>-1.05<br>-11.22  | 57.55<br>-0.96<br>-10.63  | 53.19<br>-1.03<br>-5.31  | 50.76<br>-1.15<br>-4.03 | 50.34<br>-1.14<br>-4.05 | 41.81<br>-0.81<br>-3.85 | 34.77<br>-0.85<br>-1.72 | 39.36<br>-1.22<br>0.00 |
| NEG CENTRAL___INDECK<br>23768       | 34.68<br>-2.73<br>0.00  | 30.67<br>-2.70<br>0.00  | 25.98<br>-2.47<br>0.00  | 25.33<br>-2.60<br>0.00  | 25.39<br>-2.57<br>0.00  | 25.53<br>-2.40<br>0.00  | 30.83<br>-2.98<br>0.00  | 29.29<br>-2.36<br>-2.12 | 40.52<br>-3.22<br>-1.89 | 50.16<br>-3.33<br>-4.51 | 52.88<br>-3.16<br>-6.71  | 57.34<br>-2.77<br>-9.70  | 58.69<br>-2.91<br>-10.62 | 68.85<br>-3.17<br>-15.42  | 69.88<br>-2.86<br>-18.69  | 61.72<br>-2.65<br>-16.18  | 62.40<br>-2.73<br>-17.32  | 59.78<br>-2.63<br>-14.53  | 53.14<br>-3.03<br>-7.26  | 50.13<br>-3.26<br>-5.51 | 49.64<br>-3.32<br>-5.53 | 41.44<br>-2.60<br>-5.27 | 33.84<br>-2.41<br>-2.35 | 37.74<br>-2.84<br>0.00 |
| NEG CENTRAL___SENECA<br>23627       | 36.06<br>-1.35<br>0.00  | 31.87<br>-1.50<br>0.00  | 27.06<br>-1.39<br>0.00  | 26.45<br>-1.48<br>0.00  | 26.51<br>-1.45<br>0.00  | 26.62<br>-1.31<br>0.00  | 32.25<br>-1.56<br>0.00  | 30.17<br>-1.12<br>-1.76 | 42.29<br>-1.13<br>-1.57 | 51.54<br>-1.18<br>-5.31 | 53.65<br>-0.99<br>-7.82  | 57.32<br>-0.91<br>-8.79  | 58.80<br>-0.97<br>-12.06 | 67.58<br>-1.08<br>-13.39  | 66.58<br>-0.86<br>-11.99  | 59.31<br>-0.87<br>-11.99  | 59.44<br>-0.91<br>-12.54  | 58.94<br>-0.81<br>-11.87  | 53.86<br>-0.98<br>-5.93  | 51.28<br>-1.10<br>-4.50 | 50.81<br>-1.14<br>-4.52 | 42.18<br>-0.89<br>-4.30 | 34.84<br>-0.98<br>-1.92 | 39.16<br>-1.42<br>0.00 |
| NEG CENTRAL___STATE_STREET<br>24147 | 36.44<br>-0.97<br>0.00  | 32.27<br>-1.10<br>0.00  | 27.43<br>-1.02<br>0.00  | 26.81<br>-1.12<br>0.00  | 26.84<br>-1.12<br>0.00  | 26.95<br>-0.98<br>0.00  | 32.80<br>-1.01<br>0.00  | 30.26<br>-0.80<br>-1.53 | 42.41<br>-0.80<br>-1.36 | 51.25<br>-0.98<br>-3.25 | 53.16<br>-0.79<br>-4.62  | 56.50<br>-0.71<br>-6.80  | 57.81<br>-0.82<br>-7.65  | 66.31<br>-0.79<br>-10.50  | 64.31<br>-0.59<br>-10.85  | 58.00<br>-0.63<br>-10.44  | 57.98<br>-0.72<br>-10.89  | 57.47<br>-0.72<br>-10.31  | 53.23<br>-0.83<br>-5.15  | 50.78<br>-1.01<br>-3.91 | 50.36<br>-1.00<br>-3.93 | 41.70<br>-0.81<br>-3.74 | 34.76<br>-0.81<br>-1.67 | 39.48<br>-1.10<br>0.00 |
| NEG MILLWOOD___DRP<br>24198         | 41.08<br>3.67<br>0.00   | 36.84<br>3.47<br>0.00   | 31.44<br>2.99<br>0.00   | 30.75<br>2.82<br>0.00   | 30.78<br>2.82<br>0.00   | 30.84<br>2.91<br>0.00   | 37.36<br>3.55<br>0.00   | 45.91<br>3.57<br>-12.81 | 58.58<br>5.31<br>-11.42 | 82.33<br>6.12<br>-27.23 | 94.28<br>6.27<br>-38.68  | 113.87<br>6.50<br>-56.96 | 121.75<br>6.73<br>-64.04 | 151.86<br>7.36<br>-87.90  | 154.84<br>7.19<br>-93.60  | 141.99<br>6.41<br>-87.39  | 146.79<br>6.41<br>-92.57  | 142.05<br>6.51<br>-87.66  | 99.14<br>6.46<br>-43.77  | 87.31<br>6.22<br>-33.21 | 86.83<br>6.02<br>-33.38 | 75.58<br>5.04<br>-31.77 | 52.34<br>4.24<br>-14.20 | 45.00<br>4.42<br>0.00  |
| NEG NORTH_FLCN_SEA<br>23793         | 36.40<br>-1.01<br>0.00  | 32.47<br>-0.90<br>0.00  | 27.74<br>-0.71<br>0.00  | 27.32<br>-0.61<br>0.00  | 27.32<br>-0.64<br>0.00  | 27.29<br>-0.64<br>0.00  | 33.03<br>-0.78<br>0.00  | 28.13<br>-0.62<br>0.78  | 40.28<br>-0.88<br>0.69  | 46.69<br>-0.64<br>1.65  | 46.30<br>-0.69<br>2.34   | 46.41<br>-0.55<br>3.45   | 46.59<br>-0.51<br>3.88   | 50.76<br>-0.51<br>5.33    | 48.15<br>-0.59<br>5.31    | 42.17<br>-0.72<br>5.30    | 41.58<br>-0.62<br>5.61    | 41.76<br>-0.81<br>5.31    | 45.38<br>-0.88<br>2.65   | 45.10<br>-0.77<br>2.01  | 44.60<br>-0.81<br>2.02  | 35.91<br>-0.93<br>1.93  | 32.23<br>-0.81<br>0.86  | 39.36<br>-1.22<br>0.00 |
| NEG NORTH_KES_CHATEGAY<br>23792     | 36.36<br>-1.05<br>0.00  | 32.40<br>-0.97<br>0.00  | 27.68<br>-0.77<br>0.00  | 27.29<br>-0.64<br>0.00  | 27.29<br>-0.67<br>0.00  | 27.26<br>-0.67<br>0.00  | 33.00<br>-0.81<br>0.00  | 28.23<br>-0.77<br>0.53  | 40.21<br>-1.17<br>0.47  | 46.88<br>-0.98<br>1.12  | 46.70<br>-1.04<br>1.59   | 47.16<br>-0.91<br>2.34   | 47.48<br>-0.87<br>2.63   | 52.09<br>-0.91<br>3.60    | 49.30<br>-1.03<br>3.72    | 43.65<br>-0.96<br>3.58    | 43.10<br>-0.91<br>3.80    | 43.19<br>-1.10<br>3.59    | 45.95<br>-1.17<br>1.79   | 45.47<br>-1.05<br>1.36  | 44.97<br>-1.09<br>1.37  | 36.27<br>-1.20<br>1.30  | 32.27<br>-1.05<br>0.58  | 39.28<br>-1.30<br>0.00 |
| NEG NORTH___ALICE_FALLS<br>23915    | 36.59<br>-0.82<br>0.00  | 32.64<br>-0.73<br>0.00  | 27.88<br>-0.57<br>0.00  | 27.43<br>-0.50<br>0.00  | 27.46<br>-0.50<br>0.00  | 27.43<br>-0.50<br>0.00  | 33.20<br>-0.61<br>0.00  | 28.30<br>-0.50<br>0.73  | 40.53<br>-0.67<br>0.65  | 47.09<br>-0.34<br>1.55  | 46.73<br>-0.39<br>2.21   | 46.96<br>-0.20<br>3.25   | 47.13<br>-0.20<br>3.65   | 51.42<br>-0.17<br>5.01    | 48.60<br>-0.27<br>5.18    | 42.78<br>-0.43<br>4.98    | 42.20<br>-0.33<br>5.28    | 42.31<br>-0.57<br>5.00    | 45.77<br>-0.64<br>2.50   | 45.46<br>-0.53<br>1.89  | 45.01<br>-0.52<br>1.90  | 36.26<br>-0.70<br>1.81  | 32.48<br>-0.61<br>0.81  | 39.57<br>-1.01<br>0.00 |
| NEG NORTH___LWR_SARANAC<br>23913    | 36.59<br>-0.82<br>0.00  | 32.64<br>-0.73<br>0.00  | 27.88<br>-0.57<br>0.00  | 27.43<br>-0.50<br>0.00  | 27.46<br>-0.50<br>0.00  | 27.43<br>-0.50<br>0.00  | 33.20<br>-0.61<br>0.00  | 28.30<br>-0.50<br>0.73  | 40.53<br>-0.67<br>0.65  | 47.09<br>-0.34<br>1.55  | 46.73<br>-0.39<br>2.21   | 46.96<br>-0.20<br>3.25   | 47.13<br>-0.20<br>3.65   | 51.42<br>-0.17<br>5.01    | 48.60<br>-0.27<br>5.18    | 42.78<br>-0.43<br>4.98    | 42.20<br>-0.33<br>5.28    | 42.31<br>-0.57<br>5.00    | 45.77<br>-0.64<br>2.50   | 45.46<br>-0.53<br>1.89  | 45.01<br>-0.52<br>1.90  | 36.26<br>-0.70<br>1.81  | 32.48<br>-0.61<br>0.81  | 39.57<br>-1.01<br>0.00 |
| NEG NORTH___PLATTSBURG<br>23628     | 36.59<br>-0.82<br>0.00  | 32.64<br>-0.73<br>0.00  | 27.88<br>-0.57<br>0.00  | 27.43<br>-0.50<br>0.00  | 27.46<br>-0.50<br>0.00  | 27.43<br>-0.50<br>0.00  | 33.20<br>-0.61<br>0.00  | 28.30<br>-0.50<br>0.73  | 40.53<br>-0.67<br>0.65  | 47.09<br>-0.34<br>1.55  | 46.73<br>-0.39<br>2.21   | 46.96<br>-0.20<br>3.25   | 47.13<br>-0.20<br>3.65   | 51.42<br>-0.17<br>5.01    | 48.60<br>-0.27<br>5.18    | 42.78<br>-0.43<br>4.98    | 42.20<br>-0.33<br>5.28    | 42.31<br>-0.57<br>5.00    | 45.77<br>-0.64<br>2.50   | 45.46<br>-0.53<br>1.89  | 45.01<br>-0.52<br>1.90  | 36.26<br>-0.70<br>1.81  | 32.48<br>-0.61<br>0.81  | 39.57<br>-1.01<br>0.00 |
| NEG WEST_LEA_LOCKPORT<br>23791      | 34.94<br>-2.47<br>0.00  | 30.57<br>-2.80<br>0.00  | 25.86<br>-2.59<br>0.00  | 25.19<br>-2.74<br>0.00  | 25.25<br>-2.71<br>0.00  | 25.42<br>-2.51<br>0.00  | 30.23<br>-3.58<br>0.00  | 28.05<br>-3.28<br>-1.80 | 38.48<br>-4.98<br>-1.61 | 47.43<br>-5.39<br>-3.84 | 49.25<br>-5.53<br>-5.45  | 53.29<br>-5.14<br>-8.02  | 54.70<br>-5.30<br>-9.02  | 62.98<br>-6.00<br>-12.38  | 62.59<br>-5.62<br>-14.16  | 55.34<br>-5.16<br>-12.31  | 55.73<br>-5.12<br>-13.04  | 55.29<br>-4.93<br>-12.34  | 49.69<br>-5.38<br>-6.16  | 47.05<br>-5.51<br>-4.68 | 46.53<br>-5.60<br>-4.70 | 39.17<br>-4.07<br>-4.47 | 32.82<br>-3.08<br>-2.00 | 37.78<br>-2.80<br>0.00 |
| NEG WEST___LANCASTR<br>23811        | 34.94<br>-2.47<br>0.00  | 30.63<br>-2.74<br>0.00  | 25.95<br>-2.50<br>0.00  | 25.25<br>-2.68<br>0.00  | 25.33<br>-2.63<br>0.00  | 25.50<br>-2.43<br>0.00  | 30.63<br>-3.18<br>0.00  | 29.56<br>-2.18<br>-2.21 | 41.49<br>-2.34<br>-1.98 | 51.44<br>-2.25<br>-4.71 | 55.37<br>-1.92<br>-7.96  | 59.92<br>-1.41<br>-10.92 | 60.52<br>-1.53<br>-11.07 | 73.51<br>-1.87<br>-18.78  | 76.80<br>-1.57<br>-24.32  | 68.94<br>-1.49<br>-22.24  | 70.49<br>-1.48<br>-24.16  | 61.59<br>-1.29<br>-15.00  | 54.54<br>-1.86<br>-7.49  | 51.50<br>-2.06<br>-5.68 | 51.01<br>-2.13<br>-5.71 | 42.50<br>-1.71<br>-5.44 | 34.40<br>-1.93<br>-2.43 | 37.86<br>-2.72<br>0.00 |
| NEG_PENN_ALLEGHNY<br>23528          | 37.15<br>-0.26<br>0.00  | 33.00<br>-0.37<br>0.00  | 28.08<br>-0.37<br>0.00  | 27.48<br>-0.45<br>0.00  | 27.54<br>-0.42<br>0.00  | 27.59<br>-0.34<br>0.00  | 33.47<br>-0.34<br>0.00  | 33.74<br>0.12<br>-4.09  | 46.38<br>0.88<br>-3.65  | 58.65<br>0.98<br>-8.69  | 63.17<br>1.23<br>-12.61  | 70.17<br>1.36<br>-18.40  | 72.68<br>1.27<br>-20.43  | 86.81<br>1.41<br>-28.80   | 93.33<br>1.51<br>-37.77   | 78.87<br>1.30<br>-29.38   | 80.39<br>1.29<br>-31.29   | 77.24<br>1.39<br>-27.97   | 64.10<br>1.22<br>-13.97  | 59.58<br>1.10<br>-10.60 | 59.22<br>1.14<br>-10.65 | 49.80<br>0.89<br>-10.14 | 38.77<br>0.34<br>-4.53  | 40.34<br>-0.24<br>0.00 |

|                             |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                          |                          |                          |                           |                           |                           |                           |                           |                           |                         |                          |                         |                         |                         |
|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| NEPA__ENERGY<br>23901       | 34.31<br>-3.10<br>0.00 | 30.10<br>-3.27<br>0.00 | 25.55<br>-2.90<br>0.00 | 24.86<br>-3.07<br>0.00 | 24.97<br>-2.99<br>0.00 | 25.14<br>-2.79<br>0.00 | 30.50<br>-3.31<br>0.00 | 30.18<br>-1.86<br>-2.51 | 43.09<br>-1.00<br>-2.24 | 53.54<br>-0.78<br>-5.34 | 58.19<br>-0.10<br>-8.96  | 63.08<br>0.35<br>-12.32  | 63.85<br>0.31<br>-12.56  | 77.87<br>0.17<br>-21.10   | 82.20<br>0.43<br>-27.72   | 73.31<br>0.29<br>-24.83   | 75.10<br>0.33<br>-26.96   | 65.48<br>0.57<br>-17.03   | 57.41<br>0.00<br>-8.50    | 54.09<br>-0.24<br>-6.45 | 53.64<br>-0.28<br>-6.49  | 44.32<br>-0.62<br>-6.17 | 35.13<br>-1.53<br>-2.76 | 37.33<br>-3.25<br>0.00  |
| NEVERSINK__HYD<br>23608     | 39.92<br>2.51<br>0.00  | 35.71<br>2.34<br>0.00  | 30.47<br>2.02<br>0.00  | 29.83<br>1.90<br>0.00  | 29.86<br>1.90<br>0.00  | 29.89<br>1.96<br>0.00  | 36.28<br>2.47<br>0.00  | 43.33<br>2.86<br>-10.94 | 56.04<br>4.44<br>-9.75  | 77.57<br>5.34<br>-23.25 | 87.64<br>5.28<br>-33.03  | 104.59<br>5.55<br>-48.63 | 111.22<br>5.56<br>-54.68 | 136.69<br>5.04<br>-75.05  | 139.67<br>4.92<br>-80.70  | 127.48<br>4.67<br>-74.62  | 130.42<br>4.40<br>-78.21  | 127.35<br>5.41<br>-74.06  | 91.32<br>5.43<br>-36.98   | 81.06<br>5.12<br>-28.06 | 80.42<br>4.79<br>-28.20  | 69.60<br>3.99<br>-26.84 | 48.98<br>3.08<br>-12.00 | 43.38<br>2.80<br>0.00   |
| NIAGARA____<br>23760        | 34.90<br>-2.51<br>0.00 | 30.57<br>-2.80<br>0.00 | 25.86<br>-2.59<br>0.00 | 25.22<br>-2.71<br>0.00 | 25.28<br>-2.68<br>0.00 | 25.42<br>-2.51<br>0.00 | 30.23<br>-3.58<br>0.00 | 28.00<br>-3.31<br>-1.78 | 38.17<br>-5.27<br>-1.59 | 47.09<br>-5.68<br>-3.79 | 48.02<br>-5.92<br>-4.61  | 52.14<br>-5.55<br>-7.28  | 54.17<br>-5.71<br>-8.90  | 60.22<br>-6.45<br>-10.07  | 58.22<br>-6.11<br>-10.28  | 50.52<br>-5.54<br>-7.87   | 50.03<br>-5.50<br>-7.72   | 54.64<br>-5.27<br>-12.03  | 49.20<br>-5.72<br>-6.01   | 46.65<br>-5.79<br>-4.56 | 46.18<br>-5.83<br>-4.58  | 38.90<br>-4.23<br>-4.36 | 32.70<br>-3.15<br>-1.95 | 37.74<br>-2.84<br>0.00  |
| NINE_MILE_1<br>23575        | 36.29<br>-1.12<br>0.00 | 32.27<br>-1.10<br>0.00 | 27.48<br>-0.97<br>0.00 | 26.95<br>-0.98<br>0.00 | 26.98<br>-0.98<br>0.00 | 26.98<br>-0.95<br>0.00 | 32.66<br>-1.15<br>0.00 | 29.31<br>-1.00<br>-0.78 | 41.16<br>-1.38<br>-0.69 | 48.72<br>-1.91<br>-1.65 | 49.70<br>-1.97<br>-2.34  | 51.69<br>-2.17<br>-3.45  | 52.62<br>-2.24<br>-3.88  | 59.44<br>-2.49<br>-5.33   | 56.27<br>-2.32<br>-4.54   | 51.42<br>-2.07<br>-5.30   | 51.32<br>-2.10<br>-5.61   | 51.18<br>-2.01<br>-5.31   | 49.60<br>-1.96<br>-2.65   | 48.02<br>-1.87<br>-2.01 | 47.65<br>-1.80<br>-2.02  | 39.42<br>-1.28<br>-1.93 | 33.74<br>-1.02<br>-0.86 | 39.44<br>-1.14<br>0.00  |
| NINE_MILE_2<br>23744        | 36.21<br>-1.20<br>0.00 | 32.24<br>-1.13<br>0.00 | 27.43<br>-1.02<br>0.00 | 26.90<br>-1.03<br>0.00 | 26.93<br>-1.03<br>0.00 | 26.92<br>-1.01<br>0.00 | 32.59<br>-1.22<br>0.00 | 29.22<br>-1.06<br>-0.75 | 41.06<br>-1.46<br>-0.67 | 48.57<br>-2.01<br>-1.60 | 49.54<br>-2.07<br>-2.28  | 51.49<br>-2.27<br>-3.35  | 52.40<br>-2.35<br>-3.77  | 59.17<br>-2.60<br>-5.17   | 56.00<br>-2.43<br>-4.38   | 51.16<br>-2.17<br>-5.14   | 51.06<br>-2.20<br>-5.45   | 50.93<br>-2.11<br>-5.16   | 49.43<br>-2.05<br>-2.57   | 47.87<br>-1.96<br>-1.95 | 47.49<br>-1.90<br>-1.96  | 39.28<br>-1.36<br>-1.87 | 33.66<br>-1.08<br>-0.84 | 39.36<br>-1.22<br>0.00  |
| NM_CAPITAL__DRP<br>24208    | 39.77<br>2.36<br>0.00  | 35.61<br>2.24<br>0.00  | 30.36<br>1.91<br>0.00  | 29.75<br>1.82<br>0.00  | 29.78<br>1.82<br>0.00  | 29.75<br>1.82<br>0.00  | 36.08<br>2.27<br>0.00  | 47.32<br>1.83<br>-15.96 | 58.59<br>2.51<br>-14.23 | 86.09<br>3.18<br>-33.93 | 100.88<br>3.35<br>-48.20 | 124.86<br>3.48<br>-70.97 | 134.35<br>3.57<br>-79.80 | 169.97<br>3.85<br>-109.52 | 173.07<br>3.78<br>-115.24 | 160.45<br>3.37<br>-108.89 | 166.50<br>3.35<br>-115.34 | 160.50<br>3.40<br>-109.22 | 106.78<br>3.33<br>-54.54  | 92.42<br>3.16<br>-41.38 | 92.15<br>3.13<br>-41.59  | 80.79<br>2.44<br>-39.58 | 53.90<br>2.30<br>-17.70 | 43.22<br>2.64<br>0.00   |
| NM_CENTRAL__DRP<br>24181    | 36.96<br>-0.45<br>0.00 | 32.87<br>-0.50<br>0.00 | 27.97<br>-0.48<br>0.00 | 27.40<br>-0.53<br>0.00 | 27.43<br>-0.53<br>0.00 | 27.43<br>-0.50<br>0.00 | 33.24<br>-0.57<br>0.00 | 30.04<br>-0.47<br>-0.98 | 42.14<br>-0.59<br>-0.88 | 49.99<br>-1.08<br>-2.09 | 51.20<br>-1.09<br>-2.96  | 53.57<br>-1.21<br>-4.37  | 54.62<br>-1.27<br>-4.91  | 61.98<br>-1.36<br>-6.74   | 58.65<br>-1.19<br>-5.79   | 53.78<br>-1.11<br>-6.70   | 53.71<br>-1.20<br>-7.10   | 53.50<br>-1.10<br>-6.72   | 51.19<br>-1.08<br>-3.36   | 49.33<br>-1.10<br>-2.55 | 48.95<br>-1.04<br>-2.56  | 40.58<br>-0.62<br>-2.43 | 34.62<br>-0.37<br>-1.09 | 40.13<br>-0.45<br>0.00  |
| NM_FRONTIER__DRP<br>24179   | 35.13<br>-2.28<br>0.00 | 30.73<br>-2.64<br>0.00 | 26.00<br>-2.45<br>0.00 | 25.36<br>-2.57<br>0.00 | 25.39<br>-2.57<br>0.00 | 25.56<br>-2.37<br>0.00 | 30.36<br>-3.45<br>0.00 | 28.14<br>-3.19<br>-1.80 | 38.40<br>-5.06<br>-1.61 | 47.38<br>-5.44<br>-3.84 | 48.50<br>-5.67<br>-4.84  | 52.63<br>-5.29<br>-7.51  | 54.54<br>-5.46<br>-9.02  | 61.09<br>-6.17<br>-10.66  | 59.49<br>-5.84<br>-11.28  | 51.78<br>-5.30<br>-8.89   | 51.55<br>-5.31<br>-9.05   | 55.14<br>-5.08<br>-12.34  | 49.54<br>-5.53<br>-6.16   | 46.96<br>-5.60<br>-4.68 | 46.49<br>-5.64<br>-4.70  | 39.21<br>-4.03<br>-4.47 | 32.88<br>-3.02<br>-2.00 | 37.90<br>-2.68<br>0.00  |
| NM_ST_REGIS__HYD<br>24053   | 35.65<br>-1.76<br>0.00 | 31.80<br>-1.57<br>0.00 | 27.23<br>-1.22<br>0.00 | 26.81<br>-1.12<br>0.00 | 26.84<br>-1.12<br>0.00 | 26.76<br>-1.17<br>0.00 | 32.39<br>-1.42<br>0.00 | 28.07<br>-1.21<br>0.25  | 39.71<br>-1.92<br>0.22  | 46.59<br>-1.86<br>0.53  | 46.65<br>-1.92<br>0.76   | 47.48<br>-1.81<br>1.12   | 47.94<br>-1.78<br>1.26   | 52.96<br>-1.92<br>1.72    | 50.27<br>-2.00<br>1.78    | 44.60<br>-1.88<br>1.71    | 44.17<br>-1.82<br>1.82    | 44.10<br>-2.06<br>1.72    | 45.85<br>-2.20<br>0.86    | 45.17<br>-2.06<br>0.65  | 44.65<br>-2.13<br>0.65   | 36.02<br>-2.13<br>0.62  | 31.89<br>-1.73<br>0.28  | 38.71<br>-1.87<br>0.00  |
| NORTHPORT__1<br>23551       | 39.91<br>2.73<br>0.23  | 38.42<br>3.20<br>-1.85 | 37.36<br>2.84<br>-6.07 | 38.16<br>2.65<br>-7.58 | 38.07<br>2.66<br>-7.45 | 38.20<br>2.77<br>-7.50 | 38.71<br>3.25<br>-1.65 | 43.66<br>2.36<br>-11.77 | 56.75<br>3.77<br>-11.13 | 79.64<br>4.11<br>-26.55 | 79.44<br>4.05<br>-26.06  | 110.11<br>4.18<br>-55.52 | 118.26<br>4.84<br>-62.44 | 147.45<br>5.15<br>-85.70  | 150.67<br>5.24<br>-91.38  | 138.11<br>4.72<br>-85.20  | 173.18<br>4.88<br>-120.49 | 173.18<br>4.98<br>-120.32 | 173.14<br>4.89<br>-119.34 | 84.90<br>4.64<br>-32.38 | 124.69<br>4.60<br>-72.66 | 88.86<br>3.72<br>-46.37 | 78.65<br>3.53<br>-41.22 | 90.58<br>3.94<br>-46.06 |
| NORTHPORT__2<br>23552       | 39.91<br>2.73<br>0.23  | 38.42<br>3.20<br>-1.85 | 37.36<br>2.84<br>-6.07 | 38.16<br>2.65<br>-7.58 | 38.07<br>2.66<br>-7.45 | 38.20<br>2.77<br>-7.50 | 38.71<br>3.25<br>-1.65 | 43.66<br>2.36<br>-11.77 | 56.75<br>3.77<br>-11.13 | 79.64<br>4.11<br>-26.55 | 79.48<br>4.09<br>-26.06  | 110.11<br>4.18<br>-55.52 | 118.26<br>4.84<br>-62.44 | 147.45<br>5.15<br>-85.70  | 150.67<br>5.24<br>-91.38  | 138.11<br>4.72<br>-85.20  | 173.18<br>4.88<br>-120.49 | 173.18<br>4.98<br>-120.32 | 173.14<br>4.89<br>-119.34 | 84.90<br>4.64<br>-32.38 | 124.69<br>4.60<br>-72.66 | 88.86<br>3.72<br>-46.37 | 78.65<br>3.53<br>-41.22 | 90.58<br>3.94<br>-46.06 |
| NORTHPORT__3<br>23553       | 40.14<br>2.96<br>0.23  | 38.72<br>3.50<br>-1.85 | 37.71<br>3.19<br>-6.07 | 38.44<br>2.93<br>-7.58 | 38.35<br>2.94<br>-7.45 | 38.47<br>3.04<br>-7.50 | 39.08<br>3.62<br>-1.65 | 43.72<br>2.42<br>-11.77 | 56.80<br>3.81<br>-11.14 | 79.85<br>4.31<br>-26.56 | 79.85<br>4.44<br>-26.08  | 110.57<br>4.64<br>-55.52 | 118.68<br>5.25<br>-62.45 | 147.96<br>5.66<br>-85.70  | 151.12<br>5.68<br>-91.39  | 138.51<br>5.11<br>-85.21  | 173.56<br>5.26<br>-120.49 | 173.56<br>5.36<br>-120.32 | 173.48<br>5.23<br>-119.34 | 85.29<br>5.03<br>-32.38 | 125.07<br>4.98<br>-72.66 | 89.07<br>3.92<br>-46.38 | 78.65<br>3.53<br>-41.22 | 90.66<br>4.02<br>-46.06 |
| NORTHPORT__4<br>23650       | 40.14<br>2.96<br>0.23  | 38.72<br>3.50<br>-1.85 | 37.73<br>3.21<br>-6.07 | 38.47<br>2.96<br>-7.58 | 38.37<br>2.96<br>-7.45 | 38.50<br>3.07<br>-7.50 | 39.08<br>3.62<br>-1.65 | 43.69<br>2.39<br>-11.77 | 56.80<br>3.81<br>-11.14 | 79.80<br>4.26<br>-26.56 | 79.85<br>4.44<br>-26.08  | 110.57<br>4.64<br>-55.52 | 118.63<br>5.20<br>-62.45 | 147.90<br>5.60<br>-85.70  | 151.06<br>5.62<br>-91.39  | 138.51<br>5.11<br>-85.21  | 173.51<br>5.21<br>-120.49 | 173.51<br>5.31<br>-120.32 | 173.48<br>5.23<br>-119.34 | 85.24<br>4.98<br>-32.38 | 125.02<br>4.93<br>-72.66 | 89.03<br>3.88<br>-46.38 | 78.65<br>3.53<br>-41.22 | 90.66<br>4.02<br>-46.06 |
| NORTHPORT__IC<br>23718      | 40.02<br>2.84<br>0.23  | 38.52<br>3.30<br>-1.85 | 37.42<br>2.90<br>-6.07 | 38.22<br>2.71<br>-7.58 | 38.12<br>2.71<br>-7.45 | 38.25<br>2.82<br>-7.50 | 38.81<br>3.35<br>-1.65 | 43.81<br>2.51<br>-11.77 | 56.96<br>3.98<br>-11.13 | 79.89<br>4.36<br>-26.55 | 79.68<br>4.29<br>-26.06  | 110.37<br>4.44<br>-55.52 | 118.52<br>5.10<br>-62.44 | 147.73<br>5.43<br>-85.70  | 150.94<br>5.51<br>-91.38  | 138.35<br>4.96<br>-85.20  | 173.42<br>5.12<br>-120.49 | 173.42<br>5.22<br>-120.32 | 173.39<br>5.14<br>-119.34 | 85.14<br>4.88<br>-32.38 | 124.93<br>4.84<br>-72.66 | 89.06<br>3.92<br>-46.37 | 78.81<br>3.69<br>-41.22 | 90.74<br>4.10<br>-46.06 |
| NSINS_S_GLNS_FALLS<br>23858 | 39.39<br>1.98<br>0.00  | 35.17<br>1.80<br>0.00  | 30.27<br>1.82<br>0.00  | 29.66<br>1.73<br>0.00  | 29.67<br>1.71<br>0.00  | 29.63<br>1.70<br>0.00  | 35.70<br>1.89<br>0.00  | 47.17<br>1.18<br>-16.46 | 58.12<br>1.59<br>-14.68 | 86.38<br>2.40<br>-35.00 | 101.56<br>2.52<br>-49.71 | 126.33<br>2.72<br>-73.20 | 136.15<br>2.86<br>-82.31 | 172.79<br>3.23<br>-112.96 | 175.98<br>3.24<br>-118.69 | 163.30<br>2.80<br>-112.31 | 169.51<br>2.73<br>-118.97 | 163.27<br>2.73<br>-112.66 | 107.70<br>2.54<br>-56.25  | 92.87<br>2.30<br>-42.69 | 92.61<br>2.28<br>-42.90  | 81.19<br>1.59<br>-40.83 | 53.37<br>1.22<br>-18.25 | 42.45<br>1.87<br>0.00   |
| NUCOR_STEEL__DRP<br>24197   | 36.44<br>-0.97<br>0.00 | 32.27<br>-1.10<br>0.00 | 27.43<br>-1.02<br>0.00 | 26.81<br>-1.12<br>0.00 | 26.84<br>-1.12<br>0.00 | 26.95<br>-0.98<br>0.00 | 32.80<br>-1.01<br>0.00 | 30.26<br>-0.80<br>-1.53 | 42.41<br>-0.80<br>-1.36 | 51.25<br>-0.98<br>-3.25 | 53.16<br>-0.79<br>-4.62  | 56.50<br>-0.71<br>-6.80  | 57.81<br>-0.82<br>-7.65  | 66.31<br>-0.79<br>-10.50  | 64.31<br>-0.59<br>-10.85  | 58.00<br>-0.63<br>-10.44  | 57.98<br>-0.72<br>-10.89  | 57.47<br>-0.72<br>-10.31  | 53.23<br>-0.83<br>-5.15   | 50.78<br>-1.01<br>-3.91 | 50.36<br>-1.00<br>-3.93  | 41.70<br>-0.81<br>-3.74 | 34.76<br>-0.81<br>-1.67 | 39.48<br>-1.10<br>0.00  |

|                               |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                           |                           |                           |                         |                          |                         |                         |                         |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| NYISO_LBMP_REFERENCE<br>24008 | 37.41<br>0.00<br>0.00   | 33.37<br>0.00<br>0.00   | 28.45<br>0.00<br>0.00   | 27.93<br>0.00<br>0.00   | 27.96<br>0.00<br>0.00   | 27.93<br>0.00<br>0.00   | 33.81<br>0.00<br>0.00   | 29.53<br>0.00<br>0.00   | 41.85<br>0.00<br>0.00   | 48.98<br>0.00<br>0.00   | 49.33<br>0.00<br>0.00   | 50.41<br>0.00<br>0.00    | 50.98<br>0.00<br>0.00    | 56.60<br>0.00<br>0.00    | 54.05<br>0.00<br>0.00    | 48.19<br>0.00<br>0.00    | 47.81<br>0.00<br>0.00     | 47.88<br>0.00<br>0.00     | 48.91<br>0.00<br>0.00     | 47.88<br>0.00<br>0.00   | 47.43<br>0.00<br>0.00    | 38.77<br>0.00<br>0.00   | 33.90<br>0.00<br>0.00   | 40.58<br>0.00<br>0.00   |
| NYPA_BRENTWD____GT<br>24164   | 40.70<br>3.52<br>0.23   | 39.06<br>3.84<br>-1.85  | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.54<br>3.13<br>-7.45  | 38.70<br>3.27<br>-7.50  | 39.42<br>3.96<br>-1.65  | 44.47<br>3.16<br>-11.78 | 58.05<br>5.06<br>-11.14 | 80.98<br>5.44<br>-26.56 | 81.02<br>5.43<br>-26.26 | 111.53<br>5.60<br>-55.52 | 119.75<br>6.32<br>-62.45 | 149.09<br>6.79<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.57<br>6.17<br>-85.21 | 174.56<br>6.26<br>-120.49 | 174.57<br>6.37<br>-120.32 | 174.51<br>6.26<br>-119.34 | 86.25<br>5.99<br>-32.38 | 126.07<br>5.98<br>-72.66 | 90.00<br>4.85<br>-46.38 | 79.59<br>4.47<br>-41.22 | 91.59<br>4.95<br>-46.06 |
| NYPA_GOWANUS____GT5<br>24156  | 54.30<br>4.08<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.29<br>3.07<br>-21.29 | 52.30<br>3.08<br>-21.26 | 52.86<br>3.18<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.90<br>3.69<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.00<br>6.61<br>-38.06 | 112.86<br>6.91<br>-55.54 | 120.52<br>7.09<br>-62.45 | 150.18<br>7.87<br>-85.71 | 152.90<br>7.46<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26  | 139.62<br>6.27<br>-85.47  | 98.00<br>6.41<br>-42.68   | 86.48<br>6.22<br>-32.38 | 86.24<br>6.26<br>-32.55  | 74.79<br>5.04<br>-30.98 | 54.11<br>4.37<br>-15.84 | 55.01<br>4.87<br>-9.56  |
| NYPA_GOWANUS____GT6<br>24157  | 54.30<br>4.08<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.29<br>3.07<br>-21.29 | 52.30<br>3.08<br>-21.26 | 52.86<br>3.18<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.90<br>3.69<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.00<br>6.61<br>-38.06 | 112.86<br>6.91<br>-55.54 | 120.52<br>7.09<br>-62.45 | 150.18<br>7.87<br>-85.71 | 152.90<br>7.46<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26  | 139.62<br>6.27<br>-85.47  | 98.00<br>6.41<br>-42.68   | 86.48<br>6.22<br>-32.38 | 86.24<br>6.26<br>-32.55  | 74.79<br>5.04<br>-30.98 | 54.11<br>4.37<br>-15.84 | 55.01<br>4.87<br>-9.56  |
| NYPA_HARLEM__RVR_GT1<br>24160 | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.76<br>6.81<br>-55.54 | 120.26<br>6.83<br>-62.45 | 149.88<br>7.58<br>-85.70 | 152.63<br>7.19<br>-91.39 | 139.03<br>5.64<br>-85.20 | 143.71<br>5.64<br>-90.26  | 139.62<br>6.27<br>-85.47  | 97.85<br>6.26<br>-42.68   | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55  | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56  |
| NYPA_HARLEM__RVR_GT2<br>24161 | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.76<br>6.81<br>-55.54 | 120.26<br>6.83<br>-62.45 | 149.88<br>7.58<br>-85.70 | 152.63<br>7.19<br>-91.39 | 139.03<br>5.64<br>-85.20 | 143.71<br>5.64<br>-90.26  | 139.62<br>6.27<br>-85.47  | 97.85<br>6.26<br>-42.68   | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55  | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56  |
| NYPA_KENT____GT<br>24152      | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.35<br>3.13<br>-21.29 | 52.35<br>3.13<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.48<br>6.47<br>-44.03 | 93.95<br>6.56<br>-38.06 | 112.76<br>6.81<br>-55.54 | 120.41<br>6.98<br>-62.45 | 150.06<br>7.75<br>-85.71 | 152.85<br>7.41<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26  | 139.62<br>6.27<br>-85.47  | 97.90<br>6.31<br>-42.68   | 86.44<br>6.18<br>-32.38 | 86.19<br>6.21<br>-32.55  | 74.71<br>4.96<br>-30.98 | 54.11<br>4.37<br>-15.84 | 54.97<br>4.83<br>-9.56  |
| NYPA_POUCH1____GT<br>24155    | 54.13<br>4.12<br>-12.60 | 53.84<br>3.87<br>-16.60 | 53.42<br>3.30<br>-21.67 | 52.08<br>3.10<br>-21.05 | 52.08<br>3.10<br>-21.02 | 52.65<br>3.21<br>-21.51 | 53.88<br>3.96<br>-16.11 | 52.78<br>3.72<br>-19.53 | 58.43<br>5.44<br>-11.14 | 99.08<br>6.56<br>-43.54 | 94.04<br>6.66<br>-38.05 | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71 | 152.95<br>7.51<br>-91.39 | 139.57<br>6.17<br>-85.21 | 144.24<br>6.17<br>-90.26  | 139.67<br>6.32<br>-85.47  | 98.00<br>6.41<br>-42.68   | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55  | 74.79<br>5.04<br>-30.98 | 54.09<br>4.41<br>-15.78 | 54.81<br>4.87<br>-9.36  |
| NYPA_VERNON____GT2<br>24162   | 54.30<br>4.08<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.71<br>3.33<br>-21.93 | 52.38<br>3.16<br>-21.29 | 52.38<br>3.16<br>-21.26 | 52.92<br>3.24<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.30<br>5.31<br>-11.14 | 99.43<br>6.42<br>-44.03 | 93.95<br>6.56<br>-38.06 | 112.70<br>6.75<br>-55.54 | 120.36<br>6.93<br>-62.45 | 149.95<br>7.64<br>-85.71 | 152.79<br>7.35<br>-91.39 | 139.47<br>6.07<br>-85.21 | 144.14<br>6.07<br>-90.26  | 139.62<br>6.27<br>-85.47  | 97.85<br>6.26<br>-42.68   | 86.39<br>6.13<br>-32.38 | 86.10<br>6.12<br>-32.55  | 74.64<br>4.89<br>-30.98 | 54.08<br>4.34<br>-15.84 | 54.89<br>4.75<br>-9.56  |
| NYPA_VERNON____GT3<br>24163   | 54.30<br>4.08<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.71<br>3.33<br>-21.93 | 52.38<br>3.16<br>-21.29 | 52.38<br>3.16<br>-21.26 | 52.92<br>3.24<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.30<br>5.31<br>-11.14 | 99.43<br>6.42<br>-44.03 | 93.95<br>6.56<br>-38.06 | 112.70<br>6.75<br>-55.54 | 120.36<br>6.93<br>-62.45 | 149.95<br>7.64<br>-85.71 | 152.79<br>7.35<br>-91.39 | 139.47<br>6.07<br>-85.21 | 144.14<br>6.07<br>-90.26  | 139.62<br>6.27<br>-85.47  | 97.85<br>6.26<br>-42.68   | 86.39<br>6.13<br>-32.38 | 86.10<br>6.12<br>-32.55  | 74.64<br>4.89<br>-30.98 | 54.08<br>4.34<br>-15.84 | 54.89<br>4.75<br>-9.56  |
| NYPA____HOLTSVILL<br>23794    | 40.40<br>3.22<br>0.23   | 38.82<br>3.60<br>-1.85  | 37.65<br>3.13<br>-6.07  | 38.44<br>2.93<br>-7.58  | 38.35<br>2.94<br>-7.45  | 38.47<br>3.04<br>-7.50  | 39.15<br>3.69<br>-1.65  | 44.23<br>2.92<br>-11.78 | 57.64<br>4.65<br>-11.14 | 80.63<br>5.09<br>-26.56 | 80.24<br>4.79<br>-26.12 | 110.72<br>4.79<br>-55.52 | 118.94<br>5.51<br>-62.45 | 148.19<br>5.89<br>-85.70 | 151.39<br>5.95<br>-91.39 | 138.80<br>5.40<br>-85.21 | 173.80<br>5.50<br>-120.49 | 173.80<br>5.60<br>-120.32 | 173.78<br>5.53<br>-119.34 | 85.53<br>5.27<br>-32.38 | 125.31<br>5.22<br>-72.66 | 89.57<br>4.42<br>-46.38 | 79.39<br>4.27<br>-41.22 | 91.27<br>4.63<br>-46.06 |
| NYPA____HELLGATE_GT1<br>24158 | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.76<br>6.81<br>-55.54 | 120.26<br>6.83<br>-62.45 | 149.88<br>7.58<br>-85.70 | 152.63<br>7.19<br>-91.39 | 139.03<br>5.64<br>-85.20 | 143.71<br>5.64<br>-90.26  | 139.62<br>6.27<br>-85.47  | 97.85<br>6.26<br>-42.68   | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55  | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56  |
| NYPA____HELLGATE_GT2<br>24159 | 54.34<br>4.12<br>-12.81 | 54.04<br>3.84<br>-16.83 | 53.62<br>3.24<br>-21.93 | 52.46<br>3.24<br>-21.29 | 52.46<br>3.24<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.96<br>3.75<br>-19.68 | 58.39<br>5.40<br>-11.14 | 99.72<br>6.71<br>-44.03 | 95.00<br>6.81<br>-38.86 | 112.76<br>6.81<br>-55.54 | 120.26<br>6.83<br>-62.45 | 149.88<br>7.58<br>-85.70 | 152.63<br>7.19<br>-91.39 | 139.03<br>5.64<br>-85.20 | 143.71<br>5.64<br>-90.26  | 139.62<br>6.27<br>-85.47  | 97.85<br>6.26<br>-42.68   | 86.39<br>6.13<br>-32.38 | 86.19<br>6.21<br>-32.55  | 74.75<br>5.00<br>-30.98 | 54.15<br>4.41<br>-15.84 | 54.97<br>4.83<br>-9.56  |
| O.H._GEN_BRUCE<br>24063       | 26.25<br>-2.47<br>8.69  | 25.97<br>-2.80<br>4.60  | 25.86<br>-2.59<br>0.00  | 25.25<br>-2.68<br>0.00  | 25.30<br>-2.66<br>0.00  | 25.42<br>-2.51<br>0.00  | 24.19<br>-3.58<br>6.04  | 30.50<br>-3.28<br>-4.25 | 38.50<br>-5.19<br>-1.84 | 47.04<br>-5.63<br>-3.69 | 48.00<br>-5.82<br>-4.49 | 52.01<br>-5.49<br>-7.09  | 54.00<br>-5.66<br>-8.68  | 60.00<br>-6.40<br>-9.80  | 58.00<br>-6.00<br>-9.95  | 50.38<br>-5.45<br>-7.64  | 50.00<br>-5.45<br>-7.64   | 54.53<br>-5.22<br>-11.87  | 49.21<br>-5.63<br>-5.93   | 46.68<br>-5.70<br>-4.50 | 46.21<br>-5.74<br>-4.52  | 43.10<br>-4.15<br>-8.48 | 36.73<br>-3.08<br>-5.91 | 26.96<br>-2.80<br>10.82 |
| OAK ORCHARD__HYD<br>24046     | 36.10<br>-1.31<br>0.00  | 31.80<br>-1.57<br>0.00  | 26.94<br>-1.51<br>0.00  | 26.34<br>-1.59<br>0.00  | 26.37<br>-1.59<br>0.00  | 26.48<br>-1.45<br>0.00  | 31.85<br>-1.96<br>0.00  | 29.27<br>-1.74<br>-1.48 | 40.66<br>-2.51<br>-1.32 | 49.45<br>-2.69<br>-3.16 | 50.98<br>-2.66<br>-4.31 | 54.44<br>-2.42<br>-6.45  | 55.90<br>-2.50<br>-7.42  | 63.57<br>-2.72<br>-9.69  | 61.65<br>-2.54<br>-10.14 | 55.03<br>-2.31<br>-9.15  | 55.01<br>-2.39<br>-9.59   | 55.74<br>-2.30<br>-10.16  | 51.44<br>-2.54<br>-5.07   | 49.05<br>-2.68<br>-3.85 | 48.55<br>-2.75<br>-3.87  | 40.55<br>-1.90<br>-3.68 | 34.09<br>-1.46<br>-1.65 | 39.32<br>-1.26<br>0.00  |
| OCC_CHEM__DRP<br>24175        | 35.13<br>-2.28<br>0.00  | 30.73<br>-2.64<br>0.00  | 25.98<br>-2.47<br>0.00  | 25.33<br>-2.60<br>0.00  | 25.39<br>-2.57<br>0.00  | 25.53<br>-2.40<br>0.00  | 30.33<br>-3.48<br>0.00  | 28.14<br>-3.19<br>-1.80 | 38.40<br>-5.06<br>-1.61 | 47.38<br>-5.44<br>-3.84 | 48.52<br>-5.67<br>-4.86 | 52.64<br>-5.29<br>-7.52  | 54.54<br>-5.46<br>-9.02  | 61.09<br>-6.23<br>-10.72 | 59.58<br>-5.84<br>-11.37 | 51.84<br>-5.35<br>-9.00  | 51.68<br>-5.31<br>-9.18   | 55.14<br>-5.08<br>-12.34  | 49.54<br>-5.53<br>-6.16   | 46.96<br>-5.60<br>-4.68 | 46.49<br>-5.64<br>-4.70  | 39.17<br>-4.07<br>-4.47 | 32.88<br>-3.02<br>-2.00 | 37.90<br>-2.68<br>0.00  |

|                                |                        |                        |                         |                         |                         |                         |                        |                         |                         |                         |                         |                          |                          |                          |                          |                          |                           |                           |                           |                         |                          |                          |                         |                         |
|--------------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| OLIN_CORP_DRP<br>24177         | 35.09<br>-2.32<br>0.00 | 30.70<br>-2.67<br>0.00 | 25.98<br>-2.47<br>0.00  | 25.33<br>-2.60<br>0.00  | 25.36<br>-2.60<br>0.00  | 25.53<br>-2.40<br>0.00  | 30.33<br>-3.48<br>0.00 | 28.22<br>-3.16<br>-1.85 | 38.60<br>-4.90<br>-1.65 | 47.67<br>-5.24<br>-3.93 | 49.49<br>-5.43<br>-5.59 | 53.59<br>-5.04<br>-8.22  | 55.03<br>-5.20<br>-9.25  | 63.40<br>-5.89<br>-12.69 | 63.12<br>-5.57<br>-14.64 | 55.75<br>-5.06<br>-12.62 | 56.11<br>-5.07<br>-13.37  | 55.70<br>-4.84<br>-12.66  | 49.95<br>-5.28<br>-6.32   | 47.27<br>-5.41<br>-4.80 | 46.80<br>-5.45<br>-4.82  | 39.44<br>-3.92<br>-4.59  | 33.00<br>-2.95<br>-2.05 | 37.90<br>-2.68<br>0.00  |
| ONONDAGA_REF_OCCRA<br>23987    | 37.04<br>-0.37<br>0.00 | 32.94<br>-0.43<br>0.00 | 27.99<br>-0.46<br>0.00  | 27.43<br>-0.50<br>0.00  | 27.46<br>-0.50<br>0.00  | 27.48<br>-0.45<br>0.00  | 33.37<br>-0.44<br>0.00 | 30.31<br>-0.38<br>-1.16 | 42.43<br>-0.46<br>-1.04 | 50.58<br>-0.88<br>-2.48 | 52.01<br>-0.84<br>-3.52 | 54.68<br>-0.91<br>-5.18  | 55.83<br>-0.97<br>-5.82  | 63.57<br>-1.02<br>-7.99  | 60.45<br>-0.86<br>-7.26  | 55.31<br>-0.82<br>-7.94  | 55.15<br>-0.91<br>-8.25   | 54.83<br>-0.86<br>-7.81   | 51.98<br>-0.83<br>-3.90   | 49.98<br>-0.86<br>-2.96 | 49.60<br>-0.81<br>-2.98  | 41.06<br>-0.54<br>-2.83  | 34.80<br>-0.37<br>-1.27 | 40.09<br>-0.49<br>0.00  |
| ONONDAGA___COGEN<br>23986      | 37.07<br>-0.34<br>0.00 | 32.94<br>-0.43<br>0.00 | 27.99<br>-0.46<br>0.00  | 27.43<br>-0.50<br>0.00  | 27.43<br>-0.53<br>0.00  | 27.48<br>-0.45<br>0.00  | 33.40<br>-0.41<br>0.00 | 30.17<br>-0.59<br>-1.23 | 42.07<br>-0.88<br>-1.10 | 50.28<br>-1.32<br>-2.62 | 51.77<br>-1.28<br>-3.72 | 54.48<br>-1.41<br>-5.48  | 55.66<br>-1.48<br>-6.16  | 63.53<br>-1.53<br>-8.46  | 60.42<br>-1.35<br>-7.72  | 55.35<br>-1.25<br>-8.41  | 54.91<br>-1.48<br>-8.58   | 54.61<br>-1.39<br>-8.12   | 51.65<br>-1.32<br>-4.06   | 49.62<br>-1.34<br>-3.08 | 49.24<br>-1.28<br>-3.09  | 40.86<br>-0.85<br>-2.94  | 34.51<br>-0.71<br>-1.32 | 39.69<br>-0.89<br>0.00  |
| OSWEGATCHIE___HYD<br>24044     | 36.33<br>-1.08<br>0.00 | 32.37<br>-1.00<br>0.00 | 27.63<br>-0.82<br>0.00  | 27.15<br>-0.78<br>0.00  | 27.18<br>-0.78<br>0.00  | 27.06<br>-0.87<br>0.00  | 32.90<br>-0.91<br>0.00 | 28.88<br>-0.65<br>0.00  | 40.93<br>-0.92<br>0.00  | 47.71<br>-1.27<br>0.00  | 48.10<br>-1.23<br>0.00  | 49.20<br>-1.21<br>0.00   | 49.76<br>-1.22<br>0.00   | 55.30<br>-1.30<br>0.00   | 52.56<br>-1.30<br>0.19   | 46.99<br>-1.20<br>0.00   | 46.61<br>-1.20<br>0.00    | 46.49<br>-1.39<br>0.00    | 47.39<br>-1.52<br>0.00    | 46.35<br>-1.53<br>0.00  | 45.91<br>-1.52<br>0.00   | 36.99<br>-1.78<br>0.00   | 32.61<br>-1.29<br>0.00  | 39.48<br>-1.10<br>0.00  |
| OSWEGO___5<br>23606            | 36.44<br>-0.97<br>0.00 | 32.40<br>-0.97<br>0.00 | 27.60<br>-0.85<br>0.00  | 27.04<br>-0.89<br>0.00  | 27.09<br>-0.87<br>0.00  | 27.09<br>-0.84<br>0.00  | 32.80<br>-1.01<br>0.00 | 29.56<br>-0.86<br>-0.89 | 41.47<br>-1.17<br>-0.79 | 48.96<br>-1.91<br>-1.89 | 50.00<br>-2.02<br>-2.69 | 52.00<br>-2.37<br>-3.96  | 52.98<br>-2.45<br>-4.45  | 60.05<br>-2.66<br>-6.11  | 56.62<br>-2.54<br>-5.11  | 52.01<br>-2.26<br>-6.08  | 52.00<br>-2.25<br>-6.44   | 51.86<br>-2.21<br>-6.09   | 49.99<br>-1.96<br>-3.04   | 48.37<br>-1.82<br>-2.31 | 47.99<br>-1.76<br>-2.32  | 39.89<br>-1.09<br>-2.21  | 34.08<br>-0.81<br>-0.99 | 39.65<br>-0.93<br>0.00  |
| OSWEGO___6<br>23613            | 36.44<br>-0.97<br>0.00 | 32.40<br>-0.97<br>0.00 | 27.60<br>-0.85<br>0.00  | 27.04<br>-0.89<br>0.00  | 27.09<br>-0.87<br>0.00  | 27.09<br>-0.84<br>0.00  | 32.80<br>-1.01<br>0.00 | 29.56<br>-0.86<br>-0.89 | 41.47<br>-1.17<br>-0.79 | 48.91<br>-1.96<br>-1.89 | 50.00<br>-2.02<br>-2.69 | 52.00<br>-2.37<br>-3.96  | 52.98<br>-2.45<br>-4.45  | 60.05<br>-2.66<br>-6.11  | 56.62<br>-2.54<br>-5.11  | 52.01<br>-2.26<br>-6.08  | 52.00<br>-2.25<br>-6.44   | 51.82<br>-2.15<br>-6.09   | 49.99<br>-1.96<br>-3.04   | 48.32<br>-1.87<br>-2.31 | 47.99<br>-1.76<br>-2.32  | 39.89<br>-1.09<br>-2.21  | 34.04<br>-0.85<br>-0.99 | 39.61<br>-0.97<br>0.00  |
| OUTOKUMPU-AB___DRP<br>24206    | 34.94<br>-2.47<br>0.00 | 30.57<br>-2.80<br>0.00 | 25.86<br>-2.59<br>0.00  | 25.19<br>-2.74<br>0.00  | 25.22<br>-2.74<br>0.00  | 25.39<br>-2.54<br>0.00  | 30.23<br>-3.58<br>0.00 | 28.27<br>-3.13<br>-1.87 | 38.79<br>-4.73<br>-1.67 | 47.91<br>-5.05<br>-3.98 | 49.85<br>-5.13<br>-5.65 | 54.05<br>-4.69<br>-8.33  | 55.50<br>-4.84<br>-9.36  | 63.90<br>-5.55<br>-12.85 | 63.72<br>-5.19<br>-14.86 | 56.19<br>-4.77<br>-12.77 | 56.56<br>-4.78<br>-13.53  | 56.14<br>-4.55<br>-12.81  | 50.27<br>-5.04<br>-6.40   | 47.56<br>-5.17<br>-4.85 | 47.04<br>-5.27<br>-4.88  | 39.61<br>-3.80<br>-4.64  | 32.96<br>-3.02<br>-2.08 | 37.70<br>-2.88<br>0.00  |
| OXBOW___<br>24026              | 34.90<br>-2.51<br>0.00 | 30.53<br>-2.84<br>0.00 | 25.80<br>-2.65<br>0.00  | 25.16<br>-2.77<br>0.00  | 25.19<br>-2.77<br>0.00  | 25.36<br>-2.57<br>0.00  | 30.16<br>-3.65<br>0.00 | 28.10<br>-3.28<br>-1.85 | 38.48<br>-5.02<br>-1.65 | 47.52<br>-5.39<br>-3.93 | 49.06<br>-5.57<br>-5.30 | 53.25<br>-5.14<br>-7.98  | 54.93<br>-5.30<br>-9.25  | 62.42<br>-6.06<br>-11.88 | 61.56<br>-5.73<br>-13.24 | 53.99<br>-5.20<br>-11.00 | 53.92<br>-5.21<br>-11.32  | 55.40<br>-4.98<br>-12.50  | 49.67<br>-5.48<br>-6.24   | 47.02<br>-5.60<br>-4.74 | 46.55<br>-5.64<br>-4.76  | 39.23<br>-4.07<br>-4.53  | 32.78<br>-3.15<br>-2.03 | 37.66<br>-2.92<br>0.00  |
| PEEKSKILL___<br>23653          | 40.76<br>3.25<br>-0.10 | 36.71<br>3.14<br>-0.20 | 31.46<br>2.67<br>-0.34  | 30.82<br>2.54<br>-0.35  | 30.85<br>2.54<br>-0.35  | 30.92<br>2.63<br>-0.36  | 37.19<br>3.18<br>-0.20 | 45.06<br>3.13<br>-12.40 | 57.51<br>4.60<br>-11.06 | 80.83<br>5.49<br>-26.36 | 92.39<br>5.62<br>-37.44 | 111.39<br>5.85<br>-55.13 | 118.99<br>6.02<br>-61.99 | 148.25<br>6.57<br>-85.08 | 151.24<br>6.43<br>-90.76 | 138.42<br>5.64<br>-84.59 | 143.05<br>5.64<br>-89.60  | 138.47<br>5.75<br>-84.84  | 96.95<br>5.67<br>-42.37   | 85.49<br>5.46<br>-32.15 | 85.10<br>5.36<br>-32.31  | 73.82<br>4.30<br>-30.75  | 51.34<br>3.69<br>-13.75 | 44.43<br>3.85<br>0.00   |
| PGE MADISON___WINDPWR<br>24146 | 38.12<br>0.71<br>0.00  | 33.80<br>0.43<br>0.00  | 28.71<br>0.26<br>0.00   | 28.04<br>0.11<br>0.00   | 28.10<br>0.14<br>0.00   | 28.10<br>0.17<br>0.00   | 34.32<br>0.51<br>0.00  | 34.12<br>0.94<br>-3.65  | 47.24<br>2.13<br>-3.26  | 59.40<br>2.65<br>-7.77  | 63.60<br>3.06<br>-11.21 | 70.14<br>3.33<br>-16.40  | 72.51<br>3.26<br>-18.27  | 85.86<br>3.68<br>-25.58  | 89.00<br>3.68<br>-31.27  | 77.21<br>3.08<br>-25.94  | 78.35<br>2.96<br>-27.58   | 75.85<br>2.97<br>-25.00   | 64.13<br>2.74<br>-12.48   | 59.79<br>2.44<br>-9.47  | 59.37<br>2.42<br>-9.52   | 49.11<br>1.28<br>-9.06   | 38.59<br>0.64<br>-4.05  | 41.39<br>0.81<br>0.00   |
| PJM_GEN_KEYSTONE<br>24065      | 26.10<br>-2.62<br>8.69 | 26.00<br>-2.77<br>4.60 | 26.00<br>-2.45<br>0.00  | 25.33<br>-2.60<br>0.00  | 25.42<br>-2.54<br>0.00  | 25.58<br>-2.35<br>0.00  | 25.00<br>-2.77<br>6.04 | 33.52<br>-1.45<br>-5.44 | 44.29<br>-0.46<br>-2.90 | 54.99<br>-0.20<br>-6.21 | 59.55<br>0.44<br>-9.78  | 65.07<br>0.86<br>-13.80  | 66.41<br>0.82<br>-14.61  | 80.12<br>0.79<br>-22.73  | 84.88<br>1.08<br>-29.75  | 74.28<br>0.82<br>-25.27  | 76.01<br>0.86<br>-27.34   | 68.93<br>1.05<br>-20.00   | 59.44<br>0.54<br>-9.99    | 55.80<br>0.34<br>-7.58  | 55.33<br>0.28<br>-7.62   | 50.00<br>-0.19<br>-11.42 | 40.00<br>-1.12<br>-7.22 | 27.00<br>-2.76<br>10.82 |
| PLEASANTVLY___LBMP<br>24000    | 40.51<br>3.10<br>0.00  | 36.37<br>3.00<br>0.00  | 31.01<br>2.56<br>0.00   | 30.36<br>2.43<br>0.00   | 30.39<br>2.43<br>0.00   | 30.42<br>2.49<br>0.00   | 36.85<br>3.04<br>0.00  | 45.43<br>2.98<br>-12.92 | 57.73<br>4.35<br>-11.53 | 81.60<br>5.14<br>-27.48 | 93.59<br>5.23<br>-39.03 | 113.32<br>5.44<br>-57.47 | 121.15<br>5.56<br>-64.61 | 151.34<br>6.06<br>-88.68 | 154.37<br>5.95<br>-94.37 | 141.61<br>5.25<br>-88.17 | 146.41<br>5.21<br>-93.39  | 141.68<br>5.36<br>-88.44  | 98.35<br>5.28<br>-44.16   | 86.51<br>5.12<br>-33.51 | 86.14<br>5.03<br>-33.68  | 74.89<br>4.07<br>-32.05  | 51.72<br>3.49<br>-14.33 | 44.23<br>3.65<br>0.00   |
| POLETTI___<br>23519            | 44.27<br>3.78<br>-3.08 | 43.08<br>3.64<br>-6.07 | 42.06<br>3.16<br>-10.45 | 41.60<br>3.02<br>-10.65 | 41.61<br>3.02<br>-10.63 | 42.05<br>3.07<br>-11.05 | 43.64<br>3.75<br>-6.08 | 45.56<br>3.54<br>-12.49 | 58.05<br>5.06<br>-11.14 | 81.47<br>5.93<br>-26.56 | 93.07<br>6.02<br>-37.72 | 112.25<br>6.30<br>-55.54 | 119.90<br>6.47<br>-62.45 | 149.32<br>7.02<br>-85.70 | 152.30<br>6.86<br>-91.39 | 139.28<br>5.88<br>-85.21 | 143.95<br>5.88<br>-90.26  | 139.34<br>5.99<br>-85.47  | 97.46<br>5.87<br>-42.68   | 86.01<br>5.75<br>-32.38 | 85.62<br>5.64<br>-32.55  | 74.28<br>4.54<br>-30.97  | 51.85<br>4.10<br>-13.85 | 45.08<br>4.50<br>0.00   |
| PORT_JEFF_3<br>23555           | 39.95<br>2.77<br>0.23  | 38.49<br>3.27<br>-1.85 | 37.42<br>2.90<br>-6.07  | 38.19<br>2.68<br>-7.58  | 38.09<br>2.68<br>-7.45  | 38.20<br>2.77<br>-7.50  | 38.81<br>3.35<br>-1.65 | 43.91<br>2.60<br>-11.78 | 57.09<br>4.10<br>-11.14 | 79.95<br>4.41<br>-26.56 | 79.53<br>4.05<br>-26.15 | 110.01<br>4.08<br>-55.52 | 118.22<br>4.79<br>-62.45 | 147.39<br>5.09<br>-85.70 | 150.63<br>5.19<br>-91.39 | 138.17<br>4.77<br>-85.21 | 173.18<br>4.88<br>-120.49 | 173.18<br>4.98<br>-120.32 | 173.09<br>4.84<br>-119.34 | 84.86<br>4.60<br>-32.38 | 124.69<br>4.60<br>-72.66 | 89.03<br>3.88<br>-46.38  | 78.95<br>3.83<br>-41.22 | 90.78<br>4.14<br>-46.06 |
| PORT_JEFF_4<br>23616           | 39.99<br>2.81<br>0.23  | 38.49<br>3.27<br>-1.85 | 37.42<br>2.90<br>-6.07  | 38.19<br>2.68<br>-7.58  | 38.09<br>2.68<br>-7.45  | 38.20<br>2.77<br>-7.50  | 38.84<br>3.38<br>-1.65 | 43.91<br>2.60<br>-11.78 | 57.13<br>4.14<br>-11.14 | 79.95<br>4.41<br>-26.56 | 79.53<br>4.05<br>-26.15 | 110.01<br>4.08<br>-55.52 | 118.22<br>4.79<br>-62.45 | 147.45<br>5.15<br>-85.70 | 150.68<br>5.24<br>-91.39 | 138.17<br>4.77<br>-85.21 | 173.18<br>4.88<br>-120.49 | 173.18<br>4.98<br>-120.32 | 173.14<br>4.89<br>-119.34 | 84.90<br>4.64<br>-32.38 | 124.69<br>4.60<br>-72.66 | 89.07<br>3.92<br>-46.38  | 78.95<br>3.83<br>-41.22 | 90.78<br>4.14<br>-46.06 |
| PORT_JEFF_IC<br>23713          | 40.36<br>3.18<br>0.23  | 38.79<br>3.57<br>-1.85 | 37.62<br>3.10<br>-6.07  | 38.42<br>2.91<br>-7.58  | 38.32<br>2.91<br>-7.45  | 38.45<br>3.02<br>-7.50  | 39.15<br>3.69<br>-1.65 | 44.23<br>2.92<br>-11.78 | 57.47<br>4.48<br>-11.14 | 80.39<br>4.85<br>-26.56 | 79.99<br>4.49<br>-26.17 | 110.47<br>4.54<br>-55.52 | 118.73<br>5.30<br>-62.45 | 147.96<br>5.66<br>-85.70 | 151.17<br>5.73<br>-91.39 | 138.60<br>5.20<br>-85.21 | 173.61<br>5.31<br>-120.49 | 173.61<br>5.41<br>-120.32 | 173.58<br>5.33<br>-119.34 | 85.34<br>5.08<br>-32.38 | 125.12<br>5.03<br>-72.66 | 89.38<br>4.23<br>-46.38  | 79.26<br>4.14<br>-41.22 | 91.27<br>4.63<br>-46.06 |

|                             |                        |                        |                         |                         |                         |                         |                        |                         |                         |                         |                         |                          |                          |                          |                          |                          |                           |                           |                           |                         |                          |                         |                         |                         |
|-----------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| PPL PILGRIM_ST_GT1<br>24216 | 40.70<br>3.52<br>0.23  | 39.06<br>3.84<br>-1.85 | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.54<br>3.13<br>-7.45  | 38.70<br>3.27<br>-7.50  | 39.42<br>3.96<br>-1.65 | 44.47<br>3.16<br>-11.78 | 58.05<br>5.06<br>-11.14 | 80.98<br>5.44<br>-26.56 | 81.02<br>5.43<br>-26.26 | 111.53<br>5.60<br>-55.52 | 119.75<br>6.32<br>-62.45 | 149.09<br>6.79<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.57<br>6.17<br>-85.21 | 174.56<br>6.26<br>-120.49 | 174.57<br>6.37<br>-120.32 | 174.51<br>6.26<br>-119.34 | 86.25<br>5.99<br>-32.38 | 126.07<br>5.98<br>-72.66 | 90.00<br>4.85<br>-46.38 | 79.59<br>4.47<br>-41.22 | 91.59<br>4.95<br>-46.06 |
| PPL PILGRIM_ST_GT2<br>24217 | 40.70<br>3.52<br>0.23  | 39.06<br>3.84<br>-1.85 | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.54<br>3.13<br>-7.45  | 38.70<br>3.27<br>-7.50  | 39.42<br>3.96<br>-1.65 | 44.47<br>3.16<br>-11.78 | 58.05<br>5.06<br>-11.14 | 80.98<br>5.44<br>-26.56 | 81.02<br>5.43<br>-26.26 | 111.53<br>5.60<br>-55.52 | 119.75<br>6.32<br>-62.45 | 149.09<br>6.79<br>-85.70 | 152.25<br>6.81<br>-91.39 | 139.57<br>6.17<br>-85.21 | 174.56<br>6.26<br>-120.49 | 174.57<br>6.37<br>-120.32 | 174.51<br>6.26<br>-119.34 | 86.25<br>5.99<br>-32.38 | 126.07<br>5.98<br>-72.66 | 90.00<br>4.85<br>-46.38 | 79.59<br>4.47<br>-41.22 | 91.59<br>4.95<br>-46.06 |
| PPL_SHRM_GT3<br>24213       | 40.73<br>3.55<br>0.23  | 39.09<br>3.87<br>-1.85 | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.54<br>3.13<br>-7.45  | 38.70<br>3.27<br>-7.50  | 39.45<br>3.99<br>-1.65 | 44.56<br>3.25<br>-11.78 | 58.22<br>5.23<br>-11.14 | 81.32<br>5.78<br>-26.56 | 80.61<br>5.13<br>-26.15 | 111.12<br>5.19<br>-55.52 | 119.40<br>5.97<br>-62.45 | 148.70<br>6.40<br>-85.70 | 151.93<br>6.49<br>-91.39 | 139.28<br>5.88<br>-85.21 | 174.28<br>5.98<br>-120.49 | 174.28<br>6.08<br>-120.32 | 174.27<br>6.02<br>-119.34 | 85.96<br>5.70<br>-32.38 | 125.78<br>5.69<br>-72.66 | 90.11<br>4.96<br>-46.38 | 79.90<br>4.78<br>-41.22 | 91.75<br>5.11<br>-46.06 |
| PPL_SHRM_GT4<br>24214       | 40.73<br>3.55<br>0.23  | 39.09<br>3.87<br>-1.85 | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.54<br>3.13<br>-7.45  | 38.70<br>3.27<br>-7.50  | 39.45<br>3.99<br>-1.65 | 44.56<br>3.25<br>-11.78 | 58.22<br>5.23<br>-11.14 | 81.32<br>5.78<br>-26.56 | 80.61<br>5.13<br>-26.15 | 111.12<br>5.19<br>-55.52 | 119.40<br>5.97<br>-62.45 | 148.70<br>6.40<br>-85.70 | 151.93<br>6.49<br>-91.39 | 139.28<br>5.88<br>-85.21 | 174.28<br>5.98<br>-120.49 | 174.28<br>6.08<br>-120.32 | 174.27<br>6.02<br>-119.34 | 85.96<br>5.70<br>-32.38 | 125.78<br>5.69<br>-72.66 | 90.11<br>4.96<br>-46.38 | 79.90<br>4.78<br>-41.22 | 91.75<br>5.11<br>-46.06 |
| PROJECT___ORANGE<br>23990   | 36.92<br>-0.49<br>0.00 | 32.84<br>-0.53<br>0.00 | 27.94<br>-0.51<br>0.00  | 27.37<br>-0.56<br>0.00  | 27.40<br>-0.56<br>0.00  | 27.40<br>-0.53<br>0.00  | 33.24<br>-0.57<br>0.00 | 30.03<br>-0.50<br>-1.00 | 42.12<br>-0.63<br>-0.90 | 49.99<br>-1.13<br>-2.14 | 51.23<br>-1.13<br>-3.03 | 53.62<br>-1.26<br>-4.47  | 54.67<br>-1.33<br>-5.02  | 62.08<br>-1.41<br>-6.89  | 58.72<br>-1.24<br>-5.91  | 53.88<br>-1.16<br>-6.85  | 53.83<br>-1.24<br>-7.26   | 53.60<br>-1.15<br>-6.87   | 51.21<br>-1.13<br>-3.43   | 49.33<br>-1.15<br>-2.60 | 48.96<br>-1.09<br>-2.62  | 40.64<br>-0.62<br>-2.49 | 34.60<br>-0.41<br>-1.11 | 40.09<br>-0.49<br>0.00  |
| PROJECT___ORANGE 1<br>24174 | 36.92<br>-0.49<br>0.00 | 32.84<br>-0.53<br>0.00 | 27.94<br>-0.51<br>0.00  | 27.37<br>-0.56<br>0.00  | 27.40<br>-0.56<br>0.00  | 27.40<br>-0.53<br>0.00  | 33.24<br>-0.57<br>0.00 | 30.03<br>-0.50<br>-1.00 | 42.12<br>-0.63<br>-0.90 | 49.99<br>-1.13<br>-2.14 | 51.23<br>-1.13<br>-3.03 | 53.62<br>-1.26<br>-4.47  | 54.67<br>-1.33<br>-5.02  | 62.08<br>-1.41<br>-6.89  | 58.72<br>-1.24<br>-5.91  | 53.88<br>-1.16<br>-6.85  | 53.83<br>-1.24<br>-7.26   | 53.60<br>-1.15<br>-6.87   | 51.21<br>-1.13<br>-3.43   | 49.33<br>-1.15<br>-2.60 | 48.96<br>-1.09<br>-2.62  | 40.64<br>-0.62<br>-2.49 | 34.60<br>-0.41<br>-1.11 | 40.09<br>-0.49<br>0.00  |
| PROJECT___ORANGE 2<br>24166 | 36.92<br>-0.49<br>0.00 | 32.84<br>-0.53<br>0.00 | 27.94<br>-0.51<br>0.00  | 27.37<br>-0.56<br>0.00  | 27.40<br>-0.56<br>0.00  | 27.40<br>-0.53<br>0.00  | 33.24<br>-0.57<br>0.00 | 30.03<br>-0.50<br>-1.00 | 42.12<br>-0.63<br>-0.90 | 49.99<br>-1.13<br>-2.14 | 51.23<br>-1.13<br>-3.03 | 53.62<br>-1.26<br>-4.47  | 54.67<br>-1.33<br>-5.02  | 62.08<br>-1.41<br>-6.89  | 58.72<br>-1.24<br>-5.91  | 53.88<br>-1.16<br>-6.85  | 53.83<br>-1.24<br>-7.26   | 53.60<br>-1.15<br>-6.87   | 51.21<br>-1.13<br>-3.43   | 49.33<br>-1.15<br>-2.60 | 48.96<br>-1.09<br>-2.62  | 40.64<br>-0.62<br>-2.49 | 34.60<br>-0.41<br>-1.11 | 40.09<br>-0.49<br>0.00  |
| PYRITES___HYD<br>24023      | 35.61<br>-1.80<br>0.00 | 31.87<br>-1.50<br>0.00 | 27.37<br>-1.08<br>0.00  | 26.95<br>-0.98<br>0.00  | 26.98<br>-0.98<br>0.00  | 26.87<br>-1.06<br>0.00  | 32.46<br>-1.35<br>0.00 | 28.56<br>-0.97<br>0.00  | 40.01<br>-1.84<br>0.00  | 47.22<br>-1.76<br>0.00  | 47.60<br>-1.73<br>0.00  | 48.85<br>-1.56<br>0.00   | 49.40<br>-1.58<br>0.00   | 54.90<br>-1.70<br>0.00   | 52.27<br>-1.78<br>0.00   | 46.46<br>-1.73<br>0.00   | 46.14<br>-1.67<br>0.00    | 45.92<br>-1.96<br>0.00    | 46.81<br>-2.10<br>0.00    | 45.87<br>-2.01<br>0.00  | 45.34<br>-2.09<br>0.00   | 36.60<br>-2.17<br>0.00  | 32.34<br>-1.56<br>0.00  | 39.08<br>-1.50<br>0.00  |
| RANKINE____<br>23646        | 35.09<br>-2.32<br>0.00 | 30.73<br>-2.64<br>0.00 | 26.00<br>-2.45<br>0.00  | 25.33<br>-2.60<br>0.00  | 25.39<br>-2.57<br>0.00  | 25.56<br>-2.37<br>0.00  | 30.53<br>-3.28<br>0.00 | 28.90<br>-2.66<br>-2.03 | 39.98<br>-3.68<br>-1.81 | 49.48<br>-3.82<br>-4.32 | 53.21<br>-3.75<br>-7.63 | 57.42<br>-3.28<br>-10.29 | 57.72<br>-3.42<br>-10.16 | 70.77<br>-3.96<br>-18.13 | 73.91<br>-3.68<br>-23.54 | 67.02<br>-3.37<br>-22.20 | 68.70<br>-3.35<br>-24.24  | 58.47<br>-3.16<br>-13.75  | 52.11<br>-3.67<br>-6.87   | 49.26<br>-3.83<br>-5.21 | 48.78<br>-3.89<br>-5.24  | 40.88<br>-2.87<br>-4.98 | 33.66<br>-2.47<br>-2.23 | 37.94<br>-2.64<br>0.00  |
| RAVENS GT4-7____<br>23728   | 45.08<br>3.89<br>-3.78 | 44.52<br>3.70<br>-7.45 | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47 | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26  | 139.57<br>6.22<br>-85.47  | 97.70<br>6.11<br>-42.68   | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55  | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00   |
| RAVENSWD GT2____<br>23730   | 45.08<br>3.89<br>-3.78 | 44.52<br>3.70<br>-7.45 | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47 | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26  | 139.57<br>6.22<br>-85.47  | 97.70<br>6.11<br>-42.68   | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55  | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00   |
| RAVENSWD GT3____<br>23733   | 45.08<br>3.89<br>-3.78 | 44.52<br>3.70<br>-7.45 | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47 | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26  | 139.57<br>6.22<br>-85.47  | 97.70<br>6.11<br>-42.68   | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55  | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00   |
| RAVENSWOOD_GT2_1<br>24244   | 45.08<br>3.89<br>-3.78 | 44.52<br>3.70<br>-7.45 | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47 | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26  | 139.57<br>6.22<br>-85.47  | 97.70<br>6.11<br>-42.68   | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55  | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00   |
| RAVENSWOOD_GT2_2<br>24245   | 45.08<br>3.89<br>-3.78 | 44.52<br>3.70<br>-7.45 | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47 | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26  | 139.57<br>6.22<br>-85.47  | 97.70<br>6.11<br>-42.68   | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55  | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00   |
| RAVENSWOOD_GT2_3<br>24246   | 45.08<br>3.89<br>-3.78 | 44.52<br>3.70<br>-7.45 | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47 | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.27<br>6.22<br>-37.72 | 112.40<br>6.45<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.54<br>7.24<br>-85.70 | 152.52<br>7.08<br>-91.39 | 139.47<br>6.07<br>-85.21 | 144.14<br>6.07<br>-90.26  | 139.57<br>6.22<br>-85.47  | 97.70<br>6.11<br>-42.68   | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55  | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00   |
| RAVENSWOOD_GT2_4<br>24247   | 45.08<br>3.89<br>-3.78 | 44.52<br>3.70<br>-7.45 | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47 | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.27<br>6.22<br>-37.72 | 112.40<br>6.45<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.54<br>7.24<br>-85.70 | 152.52<br>7.08<br>-91.39 | 139.47<br>6.07<br>-85.21 | 144.14<br>6.07<br>-90.26  | 139.57<br>6.22<br>-85.47  | 97.70<br>6.11<br>-42.68   | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55  | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00   |

|   |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                          |                          |                          |                          |                         |                         |                         |                         |                         |                        |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| RAVENSWOOD_GT3_1<br>24248               | 45.08<br>3.89<br>-3.78  | 44.52<br>3.70<br>-7.45  | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47  | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26 | 139.57<br>6.22<br>-85.47 | 97.70<br>6.11<br>-42.68 | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55 | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00  |
| RAVENSWOOD_GT3_2<br>24249               | 45.08<br>3.89<br>-3.78  | 44.52<br>3.70<br>-7.45  | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47  | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26 | 139.57<br>6.22<br>-85.47 | 97.70<br>6.11<br>-42.68 | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55 | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00  |
| RAVENSWOOD_GT3_3<br>24250               | 45.08<br>3.89<br>-3.78  | 44.52<br>3.70<br>-7.45  | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47  | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.27<br>6.22<br>-37.72 | 112.40<br>6.45<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.54<br>7.24<br>-85.70 | 152.52<br>7.08<br>-91.39 | 139.47<br>6.07<br>-85.21 | 144.14<br>6.07<br>-90.26 | 139.53<br>6.18<br>-85.47 | 97.66<br>6.07<br>-42.68 | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55 | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00  |
| RAVENSWOOD_GT3_4<br>24251               | 45.08<br>3.89<br>-3.78  | 44.52<br>3.70<br>-7.45  | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47  | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.27<br>6.22<br>-37.72 | 112.40<br>6.45<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.54<br>7.24<br>-85.70 | 152.52<br>7.08<br>-91.39 | 139.47<br>6.07<br>-85.21 | 144.14<br>6.07<br>-90.26 | 139.53<br>6.18<br>-85.47 | 97.66<br>6.07<br>-42.68 | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55 | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00  |
| RAVENSWOOD_GT_1<br>23729                | 54.30<br>4.08<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.71<br>3.33<br>-21.93 | 52.38<br>3.16<br>-21.29 | 52.38<br>3.16<br>-21.26 | 52.92<br>3.24<br>-21.75 | 54.07<br>3.92<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.30<br>5.31<br>-11.14 | 99.43<br>6.42<br>-44.03 | 93.95<br>6.56<br>-38.06 | 112.70<br>6.75<br>-55.54 | 120.36<br>6.93<br>-62.45 | 149.95<br>7.64<br>-85.71 | 152.79<br>7.35<br>-91.39 | 139.47<br>6.07<br>-85.21 | 144.14<br>6.07<br>-90.26 | 139.62<br>6.27<br>-85.47 | 97.85<br>6.26<br>-42.68 | 86.39<br>6.13<br>-32.38 | 86.10<br>6.12<br>-32.55 | 74.64<br>4.89<br>-30.98 | 54.08<br>4.34<br>-15.84 | 54.89<br>4.75<br>-9.56 |
| RAVENSWOOD_GT_10<br>24258               | 45.08<br>3.89<br>-3.78  | 44.52<br>3.70<br>-7.45  | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47  | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26 | 139.57<br>6.22<br>-85.47 | 97.70<br>6.11<br>-42.68 | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55 | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00  |
| RAVENSWOOD_GT_11<br>24259               | 45.08<br>3.89<br>-3.78  | 44.52<br>3.70<br>-7.45  | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47  | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26 | 139.57<br>6.22<br>-85.47 | 97.70<br>6.11<br>-42.68 | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55 | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00  |
| RAVENSWOOD_GT_4<br>24252                | 45.08<br>3.89<br>-3.78  | 44.52<br>3.70<br>-7.45  | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47  | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26 | 139.57<br>6.22<br>-85.47 | 97.70<br>6.11<br>-42.68 | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55 | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00  |
| RAVENSWOOD_GT_5<br>24254                | 45.08<br>3.89<br>-3.78  | 44.52<br>3.70<br>-7.45  | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47  | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26 | 139.57<br>6.22<br>-85.47 | 97.70<br>6.11<br>-42.68 | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55 | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00  |
| RAVENSWOOD_GT_6<br>24253                | 45.08<br>3.89<br>-3.78  | 44.52<br>3.70<br>-7.45  | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47  | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26 | 139.57<br>6.22<br>-85.47 | 97.70<br>6.11<br>-42.68 | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55 | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00  |
| RAVENSWOOD_GT_7<br>24255                | 45.08<br>3.89<br>-3.78  | 44.52<br>3.70<br>-7.45  | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47  | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26 | 139.57<br>6.22<br>-85.47 | 97.70<br>6.11<br>-42.68 | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55 | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00  |
| RAVENSWOOD_GT_8 TEMP GRP(8-11)<br>24256 | 45.08<br>3.89<br>-3.78  | 44.52<br>3.70<br>-7.45  | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47  | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26 | 139.57<br>6.22<br>-85.47 | 97.70<br>6.11<br>-42.68 | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55 | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00  |
| RAVENSWOOD_GT_9<br>24257                | 45.08<br>3.89<br>-3.78  | 44.52<br>3.70<br>-7.45  | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47  | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72 | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70 | 152.58<br>7.14<br>-91.39 | 139.52<br>6.12<br>-85.21 | 144.19<br>6.12<br>-90.26 | 139.57<br>6.22<br>-85.47 | 97.70<br>6.11<br>-42.68 | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55 | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00  |
| RAVENSWOOD___1<br>23533                 | 54.11<br>3.89<br>-12.81 | 53.90<br>3.70<br>-16.83 | 53.57<br>3.19<br>-21.93 | 52.24<br>3.02<br>-21.29 | 52.24<br>3.02<br>-21.26 | 52.78<br>3.10<br>-21.75 | 53.90<br>3.75<br>-16.34 | 52.78<br>3.57<br>-19.68 | 58.10<br>5.11<br>-11.14 | 99.18<br>6.17<br>-44.03 | 93.66<br>6.27<br>-38.06 | 112.40<br>6.45<br>-55.54 | 120.06<br>6.63<br>-62.45 | 149.61<br>7.30<br>-85.71 | 152.47<br>7.03<br>-91.39 | 139.23<br>5.83<br>-85.21 | 143.90<br>5.83<br>-90.26 | 139.38<br>6.03<br>-85.47 | 97.56<br>5.97<br>-42.68 | 86.10<br>5.84<br>-32.38 | 85.86<br>5.88<br>-32.55 | 74.44<br>4.69<br>-30.98 | 53.91<br>4.17<br>-15.84 | 54.68<br>4.54<br>-9.56 |
| RAVENSWOOD___2<br>23534                 | 54.11<br>3.89<br>-12.81 | 53.97<br>3.77<br>-16.83 | 53.65<br>3.27<br>-21.93 | 52.35<br>3.13<br>-21.29 | 52.35<br>3.13<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.00<br>3.85<br>-16.34 | 52.90<br>3.69<br>-19.68 | 58.10<br>5.11<br>-11.14 | 99.13<br>6.12<br>-44.03 | 93.61<br>6.22<br>-38.06 | 112.35<br>6.40<br>-55.54 | 120.01<br>6.58<br>-62.45 | 149.55<br>7.24<br>-85.71 | 152.41<br>6.97<br>-91.39 | 139.18<br>5.78<br>-85.21 | 143.86<br>5.79<br>-90.26 | 139.34<br>5.99<br>-85.47 | 97.56<br>5.97<br>-42.68 | 86.10<br>5.84<br>-32.38 | 85.81<br>5.83<br>-32.55 | 74.44<br>4.69<br>-30.98 | 53.91<br>4.17<br>-15.84 | 54.68<br>4.54<br>-9.56 |
| RAVENSWOOD___3<br>23535                 | 45.01<br>3.82<br>-3.78  | 44.49<br>3.67<br>-7.45  | 44.43<br>3.16<br>-12.82 | 44.00<br>2.99<br>-13.08 | 44.00<br>2.99<br>-13.05 | 44.56<br>3.07<br>-13.56 | 45.00<br>3.72<br>-7.47  | 45.50<br>3.48<br>-12.49 | 57.97<br>4.98<br>-11.14 | 81.47<br>5.93<br>-26.56 | 93.07<br>6.02<br>-37.72 | 112.20<br>6.25<br>-55.54 | 119.90<br>6.47<br>-62.45 | 149.37<br>7.07<br>-85.70 | 152.36<br>6.92<br>-91.39 | 139.33<br>5.93<br>-85.21 | 144.00<br>5.93<br>-90.26 | 139.38<br>6.03<br>-85.47 | 97.51<br>5.92<br>-42.68 | 86.05<br>5.79<br>-32.38 | 85.67<br>5.69<br>-32.55 | 74.28<br>4.54<br>-30.97 | 51.78<br>4.03<br>-13.85 | 45.00<br>4.42<br>0.00  |

|                              |                        |                        |                         |                         |                         |                         |                        |                         |                         |                         |                          |                          |                          |                           |                           |                           |                           |                           |                           |                         |                          |                         |                         |                         |
|------------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| RAVNSWD 8-11____<br>23667    | 45.08<br>3.89<br>-3.78 | 44.52<br>3.70<br>-7.45 | 44.46<br>3.19<br>-12.82 | 44.03<br>3.02<br>-13.08 | 44.03<br>3.02<br>-13.05 | 44.59<br>3.10<br>-13.56 | 45.07<br>3.79<br>-7.47 | 45.59<br>3.57<br>-12.49 | 58.14<br>5.15<br>-11.14 | 81.66<br>6.12<br>-26.56 | 93.32<br>6.27<br>-37.72  | 112.45<br>6.50<br>-55.54 | 120.11<br>6.68<br>-62.45 | 149.60<br>7.30<br>-85.70  | 152.58<br>7.14<br>-91.39  | 139.52<br>6.12<br>-85.21  | 144.19<br>6.12<br>-90.26  | 139.57<br>6.22<br>-85.47  | 97.70<br>6.11<br>-42.68   | 86.25<br>5.99<br>-32.38 | 85.86<br>5.88<br>-32.55  | 74.43<br>4.69<br>-30.97 | 51.92<br>4.17<br>-13.85 | 45.12<br>4.54<br>0.00   |
| RCPL_TRUST____DRP<br>24196   | 43.70<br>3.97<br>-2.32 | 41.71<br>3.77<br>-4.57 | 39.53<br>3.21<br>-7.87  | 39.03<br>3.07<br>-8.03  | 39.05<br>3.08<br>-8.01  | 39.38<br>3.13<br>-8.32  | 42.21<br>3.82<br>-4.58 | 45.65<br>3.63<br>-12.49 | 58.26<br>5.27<br>-11.14 | 81.81<br>6.27<br>-26.56 | 93.51<br>6.46<br>-37.72  | 112.65<br>6.70<br>-55.54 | 120.31<br>6.88<br>-62.45 | 149.83<br>7.53<br>-85.70  | 152.79<br>7.35<br>-91.39  | 139.76<br>6.36<br>-85.21  | 144.43<br>6.36<br>-90.26  | 139.81<br>6.46<br>-85.47  | 97.90<br>6.31<br>-42.68   | 86.44<br>6.18<br>-32.38 | 86.05<br>6.07<br>-32.55  | 74.55<br>4.81<br>-30.97 | 51.99<br>4.24<br>-13.85 | 45.21<br>4.63<br>0.00   |
| RENSSELAER____COGEN<br>23796 | 39.69<br>2.28<br>0.00  | 35.57<br>2.20<br>0.00  | 30.33<br>1.88<br>0.00   | 29.72<br>1.79<br>0.00   | 29.72<br>1.76<br>0.00   | 29.69<br>1.76<br>0.00   | 36.01<br>2.20<br>0.00  | 47.04<br>1.71<br>-15.80 | 58.28<br>2.34<br>-14.09 | 85.51<br>2.94<br>-33.59 | 100.15<br>3.11<br>-47.71 | 123.90<br>3.23<br>-70.26 | 133.29<br>3.31<br>-79.00 | 168.53<br>3.51<br>-108.42 | 171.68<br>3.51<br>-114.12 | 159.12<br>3.13<br>-107.80 | 165.11<br>3.11<br>-114.19 | 159.16<br>3.16<br>-108.12 | 105.98<br>3.08<br>-53.99  | 91.77<br>2.92<br>-40.97 | 91.49<br>2.89<br>-41.17  | 80.20<br>2.25<br>-39.18 | 53.62<br>2.20<br>-17.52 | 43.10<br>2.52<br>0.00   |
| REVERE_CPPR_DRP<br>24186     | 38.27<br>0.86<br>0.00  | 34.04<br>0.67<br>0.00  | 28.96<br>0.51<br>0.00   | 28.35<br>0.42<br>0.00   | 28.38<br>0.42<br>0.00   | 28.38<br>0.45<br>0.00   | 34.59<br>0.78<br>0.00  | 30.67<br>0.89<br>-0.25  | 43.62<br>1.55<br>-0.22  | 50.88<br>1.37<br>-0.53  | 51.57<br>1.48<br>-0.76   | 53.09<br>1.56<br>-1.12   | 53.77<br>1.53<br>-1.26   | 60.02<br>1.70<br>-1.72    | 57.21<br>1.68<br>-1.48    | 51.35<br>1.45<br>-1.71    | 51.02<br>1.39<br>-1.82    | 50.94<br>1.34<br>-1.72    | 51.04<br>1.27<br>-0.86    | 49.63<br>1.10<br>-0.65  | 49.17<br>1.09<br>-0.65   | 39.78<br>0.39<br>-0.62  | 34.72<br>0.54<br>-0.28  | 41.55<br>0.97<br>0.00   |
| ROCHESTER_9_IC<br>23652      | 36.33<br>-1.08<br>0.00 | 32.00<br>-1.37<br>0.00 | 27.08<br>-1.37<br>0.00  | 26.48<br>-1.45<br>0.00  | 26.51<br>-1.45<br>0.00  | 26.62<br>-1.31<br>0.00  | 32.05<br>-1.76<br>0.00 | 29.43<br>-1.56<br>-1.46 | 40.97<br>-2.18<br>-1.30 | 49.89<br>-2.20<br>-3.11 | 51.43<br>-2.12<br>-4.22  | 54.88<br>-1.87<br>-6.34  | 56.40<br>-1.89<br>-7.31  | 64.06<br>-2.04<br>-9.50   | 62.08<br>-1.84<br>-9.87   | 55.38<br>-1.73<br>-8.92   | 55.33<br>-1.82<br>-9.34   | 56.16<br>-1.72<br>-10.00  | 51.89<br>-2.01<br>-4.99   | 49.47<br>-2.20<br>-3.79 | 48.96<br>-2.28<br>-3.81  | 40.84<br>-1.55<br>-3.62 | 34.33<br>-1.19<br>-1.62 | 39.61<br>-0.97<br>0.00  |
| ROSETON____1<br>23587        | 40.40<br>2.99<br>0.00  | 36.24<br>2.87<br>0.00  | 30.92<br>2.47<br>0.00   | 30.28<br>2.35<br>0.00   | 30.31<br>2.35<br>0.00   | 30.33<br>2.40<br>0.00   | 36.72<br>2.91<br>0.00  | 44.81<br>2.86<br>-12.42 | 57.16<br>4.23<br>-11.08 | 80.39<br>5.00<br>-26.41 | 91.92<br>5.08<br>-37.51  | 110.88<br>5.24<br>-55.23 | 118.43<br>5.35<br>-62.10 | 147.60<br>5.77<br>-85.23  | 150.65<br>5.68<br>-90.92  | 137.99<br>5.06<br>-84.74  | 142.59<br>5.02<br>-89.76  | 138.00<br>5.12<br>-85.00  | 96.49<br>5.14<br>-42.44   | 85.07<br>4.98<br>-32.21 | 84.64<br>4.84<br>-32.37  | 73.52<br>3.95<br>-30.80 | 51.03<br>3.36<br>-13.77 | 44.11<br>3.53<br>0.00   |
| ROSETON____2<br>23588        | 40.40<br>2.99<br>0.00  | 36.24<br>2.87<br>0.00  | 30.92<br>2.47<br>0.00   | 30.28<br>2.35<br>0.00   | 30.31<br>2.35<br>0.00   | 30.33<br>2.40<br>0.00   | 36.72<br>2.91<br>0.00  | 44.78<br>2.83<br>-12.42 | 57.11<br>4.18<br>-11.08 | 80.34<br>4.95<br>-26.41 | 91.87<br>5.03<br>-37.51  | 110.83<br>5.19<br>-55.23 | 118.33<br>5.25<br>-62.10 | 147.43<br>5.60<br>-85.23  | 150.48<br>5.51<br>-90.92  | 137.80<br>4.87<br>-84.74  | 142.45<br>4.88<br>-89.76  | 137.86<br>4.98<br>-85.00  | 96.44<br>5.09<br>-42.44   | 85.02<br>4.93<br>-32.21 | 84.59<br>4.79<br>-32.37  | 73.45<br>3.88<br>-30.80 | 50.99<br>3.32<br>-13.77 | 44.11<br>3.53<br>0.00   |
| RUSSELL____STATION<br>23914  | 35.69<br>-1.72<br>0.00 | 31.43<br>-1.94<br>0.00 | 26.60<br>-1.85<br>0.00  | 25.97<br>-1.96<br>0.00  | 26.03<br>-1.93<br>0.00  | 26.11<br>-1.82<br>0.00  | 31.48<br>-2.33<br>0.00 | 28.95<br>-2.04<br>-1.46 | 40.35<br>-2.80<br>-1.30 | 49.20<br>-2.89<br>-3.11 | 50.69<br>-2.86<br>-4.22  | 54.18<br>-2.57<br>-6.34  | 55.69<br>-2.60<br>-7.31  | 63.33<br>-2.77<br>-9.50   | 61.33<br>-2.59<br>-9.87   | 54.75<br>-2.36<br>-8.92   | 54.66<br>-2.49<br>-9.34   | 55.49<br>-2.39<br>-10.00  | 51.16<br>-2.74<br>-4.99   | 48.75<br>-2.92<br>-3.79 | 48.25<br>-2.99<br>-3.81  | 40.26<br>-2.13<br>-3.62 | 33.79<br>-1.73<br>-1.62 | 39.00<br>-1.58<br>0.00  |
| S SALMON____HYD<br>24043     | 37.00<br>-0.41<br>0.00 | 32.90<br>-0.47<br>0.00 | 27.99<br>-0.46<br>0.00  | 27.40<br>-0.53<br>0.00  | 27.43<br>-0.53<br>0.00  | 27.43<br>-0.50<br>0.00  | 33.37<br>-0.44<br>0.00 | 29.96<br>-0.35<br>-0.78 | 42.21<br>-0.33<br>-0.69 | 49.60<br>-1.03<br>-1.65 | 50.68<br>-0.99<br>-2.34  | 52.65<br>-1.21<br>-3.45  | 53.74<br>-1.12<br>-3.88  | 60.80<br>-1.13<br>-5.33   | 57.56<br>-1.03<br>-4.54   | 52.53<br>-0.96<br>-5.30   | 52.63<br>-0.96<br>-5.78   | 52.39<br>-0.96<br>-5.47   | 50.71<br>-0.93<br>-2.73   | 48.99<br>-0.96<br>-2.07 | 48.61<br>-0.90<br>-2.08  | 39.94<br>-0.81<br>-1.98 | 34.32<br>-0.47<br>-0.89 | 40.26<br>-0.32<br>0.00  |
| SELKIRK____II<br>23799       | 38.79<br>1.38<br>0.00  | 34.74<br>1.37<br>0.00  | 29.64<br>1.19<br>0.00   | 29.05<br>1.12<br>0.00   | 29.08<br>1.12<br>0.00   | 29.02<br>1.09<br>0.00   | 35.13<br>1.32<br>0.00  | 46.45<br>1.21<br>-15.71 | 57.62<br>1.76<br>-14.01 | 84.49<br>2.11<br>-33.40 | 98.94<br>2.17<br>-47.44  | 122.48<br>2.22<br>-69.85 | 131.76<br>2.24<br>-78.54 | 166.71<br>2.32<br>-107.79 | 169.87<br>2.32<br>-113.50 | 157.43<br>2.07<br>-107.17 | 163.40<br>2.06<br>-113.53 | 157.53<br>2.15<br>-107.50 | 104.74<br>2.15<br>-53.68  | 90.72<br>2.11<br>-40.73 | 90.46<br>2.09<br>-40.94  | 79.36<br>1.63<br>-38.96 | 52.78<br>1.46<br>-17.42 | 42.12<br>1.54<br>0.00   |
| SELKIRK____I<br>23801        | 39.06<br>1.65<br>0.00  | 35.00<br>1.63<br>0.00  | 29.84<br>1.39<br>0.00   | 29.24<br>1.31<br>0.00   | 29.27<br>1.31<br>0.00   | 29.24<br>1.31<br>0.00   | 35.30<br>1.49<br>0.00  | 46.58<br>1.39<br>-15.66 | 57.83<br>2.01<br>-13.97 | 84.73<br>2.45<br>-33.30 | 99.20<br>2.57<br>-47.30  | 122.68<br>2.62<br>-69.65 | 131.94<br>2.65<br>-78.31 | 166.80<br>2.72<br>-107.48 | 169.94<br>2.70<br>-113.19 | 157.46<br>2.41<br>-106.86 | 163.40<br>2.39<br>-113.20 | 157.51<br>2.44<br>-107.19 | 104.97<br>2.54<br>-53.52  | 90.98<br>2.49<br>-40.61 | 90.72<br>2.47<br>-40.82  | 79.55<br>1.94<br>-38.84 | 52.96<br>1.69<br>-17.37 | 42.37<br>1.79<br>0.00   |
| SENECA OSWGO____HYD<br>24041 | 36.74<br>-0.67<br>0.00 | 32.67<br>-0.70<br>0.00 | 27.80<br>-0.65<br>0.00  | 27.23<br>-0.70<br>0.00  | 27.26<br>-0.70<br>0.00  | 27.29<br>-0.64<br>0.00  | 33.13<br>-0.68<br>0.00 | 29.88<br>-0.56<br>-0.91 | 41.99<br>-0.67<br>-0.81 | 49.21<br>-1.71<br>-1.94 | 50.31<br>-1.78<br>-2.76  | 52.40<br>-2.07<br>-4.06  | 53.41<br>-2.14<br>-4.57  | 60.55<br>-2.32<br>-6.27   | 57.30<br>-2.11<br>-5.36   | 52.49<br>-1.93<br>-6.23   | 52.62<br>-1.96<br>-6.77   | 52.47<br>-1.82<br>-6.41   | 50.40<br>-1.71<br>-3.20   | 48.63<br>-1.68<br>-2.43 | 48.26<br>-1.61<br>-2.44  | 40.08<br>-1.01<br>-2.32 | 34.43<br>-0.51<br>-1.04 | 39.97<br>-0.61<br>0.00  |
| SENECA____ENERGY<br>23797    | 36.36<br>-1.05<br>0.00 | 32.20<br>-1.17<br>0.00 | 27.37<br>-1.08<br>0.00  | 26.76<br>-1.17<br>0.00  | 26.79<br>-1.17<br>0.00  | 26.90<br>-1.03<br>0.00  | 32.63<br>-1.18<br>0.00 | 30.22<br>-0.89<br>-1.58 | 42.34<br>-0.92<br>-1.41 | 51.25<br>-1.08<br>-3.35 | 53.15<br>-0.94<br>-4.76  | 56.51<br>-0.91<br>-7.01  | 57.89<br>-0.97<br>-7.88  | 66.39<br>-1.02<br>-10.81  | 64.36<br>-0.86<br>-11.17  | 58.07<br>-0.87<br>-10.75  | 58.12<br>-0.91<br>-11.22  | 57.70<br>-0.81<br>-10.63  | 53.29<br>-0.93<br>-5.31   | 50.86<br>-1.05<br>-4.03 | 50.44<br>-1.04<br>-4.05  | 41.84<br>-0.78<br>-3.85 | 34.81<br>-0.81<br>-1.72 | 39.44<br>-1.14<br>0.00  |
| SHOEMAKER____GT<br>23640     | 40.03<br>2.62<br>0.00  | 35.87<br>2.50<br>0.00  | 30.61<br>2.16<br>0.00   | 29.97<br>2.04<br>0.00   | 30.00<br>2.04<br>0.00   | 30.03<br>2.10<br>0.00   | 36.38<br>2.57<br>0.00  | 43.50<br>2.60<br>-11.37 | 55.88<br>3.89<br>-10.14 | 77.76<br>4.60<br>-24.18 | 88.36<br>4.69<br>-34.34  | 105.81<br>4.84<br>-50.56 | 112.78<br>4.95<br>-56.85 | 140.00<br>5.38<br>-78.02  | 143.05<br>5.30<br>-83.70  | 130.49<br>4.72<br>-77.58  | 134.67<br>4.69<br>-82.17  | 130.48<br>4.79<br>-77.81  | 92.56<br>4.79<br>-38.86   | 81.96<br>4.60<br>-29.48 | 81.52<br>4.46<br>-29.63  | 70.61<br>3.64<br>-28.20 | 49.56<br>3.05<br>-12.61 | 43.66<br>3.08<br>0.00   |
| SHOREHAM_IC_1<br>23715       | 40.73<br>3.55<br>0.23  | 39.09<br>3.87<br>-1.85 | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.54<br>3.13<br>-7.45  | 38.70<br>3.27<br>-7.50  | 39.45<br>3.99<br>-1.65 | 44.56<br>3.25<br>-11.78 | 58.22<br>5.23<br>-11.14 | 81.32<br>5.78<br>-26.56 | 80.61<br>5.13<br>-26.15  | 111.12<br>5.19<br>-55.52 | 119.40<br>5.97<br>-62.45 | 148.70<br>6.40<br>-85.70  | 151.93<br>6.49<br>-91.39  | 139.28<br>5.88<br>-85.21  | 174.28<br>5.98<br>-120.49 | 174.28<br>6.08<br>-120.32 | 174.27<br>6.02<br>-119.34 | 85.96<br>5.70<br>-32.38 | 125.78<br>5.69<br>-72.66 | 90.11<br>4.96<br>-46.38 | 79.90<br>4.78<br>-41.22 | 91.75<br>5.11<br>-46.06 |
| SHOREHAM_IC_2<br>23716       | 40.73<br>3.55<br>0.23  | 39.09<br>3.87<br>-1.85 | 37.85<br>3.33<br>-6.07  | 38.64<br>3.13<br>-7.58  | 38.54<br>3.13<br>-7.45  | 38.70<br>3.27<br>-7.50  | 39.45<br>3.99<br>-1.65 | 44.56<br>3.25<br>-11.78 | 58.22<br>5.23<br>-11.14 | 81.32<br>5.78<br>-26.56 | 80.61<br>5.13<br>-26.15  | 111.12<br>5.19<br>-55.52 | 119.40<br>5.97<br>-62.45 | 148.70<br>6.40<br>-85.70  | 151.93<br>6.49<br>-91.39  | 139.28<br>5.88<br>-85.21  | 174.28<br>5.98<br>-120.49 | 174.28<br>6.08<br>-120.32 | 174.27<br>6.02<br>-119.34 | 85.96<br>5.70<br>-32.38 | 125.78<br>5.69<br>-72.66 | 90.11<br>4.96<br>-46.38 | 79.90<br>4.78<br>-41.22 | 91.75<br>5.11<br>-46.06 |



|                             |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                         |                          |                           |                           |                           |                           |                            |                            |                            |                         |                          |                         |                         |                         |
|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| SITHE_IND_GS1<br>24169      | 36.29<br>-1.12<br>0.00 | 32.30<br>-1.07<br>0.00 | 27.51<br>-0.94<br>0.00 | 26.95<br>-0.98<br>0.00 | 26.98<br>-0.98<br>0.00 | 27.01<br>-0.92<br>0.00 | 32.69<br>-1.12<br>0.00 | 29.34<br>-0.97<br>-0.78 | 41.20<br>-1.34<br>-0.69 | 48.72<br>-1.91<br>-1.65 | 49.75<br>-1.92<br>-2.34 | 51.74<br>-2.12<br>-3.45  | 52.67<br>-2.19<br>-3.88   | 59.50<br>-2.43<br>-5.33   | 56.32<br>-2.27<br>-4.54   | 51.47<br>-2.02<br>-5.30   | 51.41<br>-2.01<br>-5.61    | 51.23<br>-1.96<br>-5.31    | 49.65<br>-1.91<br>-2.65    | 48.02<br>-1.87<br>-2.01 | 47.65<br>-1.80<br>-2.02  | 39.46<br>-1.24<br>-1.93 | 33.78<br>-0.98<br>-0.86 | 39.48<br>-1.10<br>0.00  |
| SITHE_IND_GS2<br>24170      | 36.29<br>-1.12<br>0.00 | 32.30<br>-1.07<br>0.00 | 27.51<br>-0.94<br>0.00 | 26.95<br>-0.98<br>0.00 | 26.98<br>-0.98<br>0.00 | 27.01<br>-0.92<br>0.00 | 32.69<br>-1.12<br>0.00 | 29.34<br>-0.97<br>-0.78 | 41.20<br>-1.34<br>-0.69 | 48.72<br>-1.91<br>-1.65 | 49.75<br>-1.92<br>-2.34 | 51.74<br>-2.12<br>-3.45  | 52.67<br>-2.19<br>-3.88   | 59.50<br>-2.43<br>-5.33   | 56.32<br>-2.27<br>-4.54   | 51.47<br>-2.02<br>-5.30   | 51.41<br>-2.01<br>-5.61    | 51.23<br>-1.96<br>-5.31    | 49.65<br>-1.91<br>-2.65    | 48.02<br>-1.87<br>-2.01 | 47.65<br>-1.80<br>-2.02  | 39.46<br>-1.24<br>-1.93 | 33.78<br>-0.98<br>-0.86 | 39.48<br>-1.10<br>0.00  |
| SITHE_IND_GS3<br>24171      | 36.29<br>-1.12<br>0.00 | 32.30<br>-1.07<br>0.00 | 27.51<br>-0.94<br>0.00 | 26.95<br>-0.98<br>0.00 | 26.98<br>-0.98<br>0.00 | 27.01<br>-0.92<br>0.00 | 32.69<br>-1.12<br>0.00 | 29.34<br>-0.97<br>-0.78 | 41.20<br>-1.34<br>-0.69 | 48.72<br>-1.91<br>-1.65 | 49.75<br>-1.92<br>-2.34 | 51.74<br>-2.12<br>-3.45  | 52.67<br>-2.19<br>-3.88   | 59.50<br>-2.43<br>-5.33   | 56.32<br>-2.27<br>-4.54   | 51.47<br>-2.02<br>-5.30   | 51.36<br>-2.06<br>-5.61    | 51.23<br>-1.96<br>-5.31    | 49.65<br>-1.91<br>-2.65    | 48.02<br>-1.87<br>-2.01 | 47.65<br>-1.80<br>-2.02  | 39.46<br>-1.24<br>-1.93 | 33.78<br>-0.98<br>-0.86 | 39.48<br>-1.10<br>0.00  |
| SITHE_IND_GS4<br>24172      | 36.29<br>-1.12<br>0.00 | 32.30<br>-1.07<br>0.00 | 27.51<br>-0.94<br>0.00 | 26.95<br>-0.98<br>0.00 | 26.98<br>-0.98<br>0.00 | 27.01<br>-0.92<br>0.00 | 32.69<br>-1.12<br>0.00 | 29.34<br>-0.97<br>-0.78 | 41.20<br>-1.34<br>-0.69 | 48.72<br>-1.91<br>-1.65 | 49.75<br>-1.92<br>-2.34 | 51.74<br>-2.12<br>-3.45  | 52.67<br>-2.19<br>-3.88   | 59.50<br>-2.43<br>-5.33   | 56.32<br>-2.27<br>-4.54   | 51.47<br>-2.02<br>-5.30   | 51.41<br>-2.01<br>-5.61    | 51.23<br>-1.96<br>-5.31    | 49.65<br>-1.91<br>-2.65    | 48.02<br>-1.87<br>-2.01 | 47.65<br>-1.80<br>-2.02  | 39.46<br>-1.24<br>-1.93 | 33.78<br>-0.98<br>-0.86 | 39.48<br>-1.10<br>0.00  |
| SITHE___BATAVIA<br>24024    | 36.10<br>-1.31<br>0.00 | 31.63<br>-1.74<br>0.00 | 26.74<br>-1.71<br>0.00 | 26.09<br>-1.84<br>0.00 | 26.14<br>-1.82<br>0.00 | 26.28<br>-1.65<br>0.00 | 31.44<br>-2.37<br>0.00 | 29.09<br>-2.13<br>-1.69 | 40.22<br>-3.14<br>-1.51 | 48.70<br>-3.87<br>-3.59 | 50.43<br>-3.90<br>-5.00 | 54.41<br>-3.43<br>-7.43  | 55.86<br>-3.57<br>-8.45   | 63.95<br>-3.96<br>-11.31  | 62.87<br>-3.73<br>-12.55  | 55.73<br>-3.42<br>-10.96  | 55.92<br>-3.44<br>-11.55   | 56.14<br>-3.30<br>-11.56   | 50.91<br>-3.77<br>-5.77    | 48.33<br>-3.93<br>-4.38 | 47.75<br>-4.08<br>-4.40  | 40.05<br>-2.91<br>-4.19 | 34.01<br>-1.76<br>-1.87 | 39.20<br>-1.38<br>0.00  |
| SITHE___INDEPEND<br>23800   | 36.29<br>-1.12<br>0.00 | 32.30<br>-1.07<br>0.00 | 27.51<br>-0.94<br>0.00 | 26.95<br>-0.98<br>0.00 | 26.98<br>-0.98<br>0.00 | 27.01<br>-0.92<br>0.00 | 32.69<br>-1.12<br>0.00 | 29.34<br>-0.97<br>-0.78 | 41.20<br>-1.34<br>-0.69 | 48.72<br>-1.91<br>-1.65 | 49.75<br>-1.92<br>-2.34 | 51.74<br>-2.12<br>-3.45  | 52.67<br>-2.19<br>-3.88   | 59.50<br>-2.43<br>-5.33   | 56.32<br>-2.27<br>-4.54   | 51.47<br>-2.02<br>-5.30   | 51.41<br>-2.01<br>-5.61    | 51.23<br>-1.96<br>-5.31    | 49.65<br>-1.91<br>-2.65    | 48.02<br>-1.87<br>-2.01 | 47.65<br>-1.80<br>-2.02  | 39.46<br>-1.24<br>-1.93 | 33.78<br>-0.98<br>-0.86 | 39.48<br>-1.10<br>0.00  |
| SITHE___MASSENA<br>23902    | 36.25<br>-1.16<br>0.00 | 32.30<br>-1.07<br>0.00 | 27.63<br>-0.82<br>0.00 | 27.23<br>-0.70<br>0.00 | 27.26<br>-0.70<br>0.00 | 27.20<br>-0.73<br>0.00 | 32.90<br>-0.91<br>0.00 | 28.37<br>-0.86<br>0.30  | 40.17<br>-1.42<br>0.26  | 47.13<br>-1.22<br>0.63  | 47.15<br>-1.28<br>0.90  | 47.98<br>-1.11<br>1.32   | 48.38<br>-1.12<br>1.48    | 53.43<br>-1.13<br>2.04    | 50.71<br>-1.24<br>2.10    | 44.96<br>-1.20<br>2.03    | 44.51<br>-1.15<br>2.15     | 44.46<br>-1.39<br>2.03     | 46.43<br>-1.47<br>1.01     | 45.77<br>-1.34<br>0.77  | 45.28<br>-1.38<br>0.77   | 36.63<br>-1.40<br>0.74  | 32.42<br>-1.15<br>0.33  | 39.28<br>-1.30<br>0.00  |
| SITHE___OGDNSBRG<br>24021   | 35.05<br>-2.36<br>0.00 | 31.70<br>-1.67<br>0.00 | 27.54<br>-0.91<br>0.00 | 27.15<br>-0.78<br>0.00 | 27.18<br>-0.78<br>0.00 | 27.06<br>-0.87<br>0.00 | 32.29<br>-1.52<br>0.00 | 28.45<br>-0.83<br>0.25  | 38.99<br>-2.64<br>0.22  | 45.90<br>-2.55<br>0.53  | 45.96<br>-2.61<br>0.76  | 46.87<br>-2.42<br>1.12   | 47.32<br>-2.40<br>1.26    | 52.28<br>-2.60<br>1.72    | 49.62<br>-2.65<br>1.78    | 43.93<br>-2.55<br>1.71    | 43.50<br>-2.49<br>1.82     | 43.38<br>-2.78<br>1.72     | 45.12<br>-2.93<br>0.86     | 44.41<br>-2.82<br>0.65  | 43.93<br>-2.85<br>0.65   | 35.86<br>-2.29<br>0.62  | 32.57<br>-1.05<br>0.28  | 39.61<br>-0.97<br>0.00  |
| SITHE___STERLING<br>23777   | 38.01<br>0.60<br>0.00  | 33.80<br>0.43<br>0.00  | 28.76<br>0.31<br>0.00  | 28.18<br>0.25<br>0.00  | 28.21<br>0.25<br>0.00  | 28.21<br>0.28<br>0.00  | 34.28<br>0.47<br>0.00  | 30.49<br>0.59<br>-0.37  | 43.27<br>1.09<br>-0.33  | 50.45<br>0.69<br>-0.78  | 51.22<br>0.79<br>-1.10  | 52.84<br>0.81<br>-1.62   | 53.57<br>0.76<br>-1.83    | 60.02<br>0.91<br>-2.51    | 57.20<br>0.92<br>-2.23    | 51.45<br>0.77<br>-2.49    | 51.12<br>0.67<br>-2.64     | 51.05<br>0.67<br>-2.50     | 50.80<br>0.64<br>-1.25     | 49.31<br>0.48<br>-0.95  | 48.90<br>0.52<br>-0.95   | 39.84<br>0.16<br>-0.91  | 34.72<br>0.41<br>-0.41  | 41.27<br>0.69<br>0.00   |
| SOUTH CAIRO___GT<br>23612   | 39.95<br>2.54<br>0.00  | 35.77<br>2.40<br>0.00  | 30.56<br>2.11<br>0.00  | 29.89<br>1.96<br>0.00  | 29.92<br>1.96<br>0.00  | 29.94<br>2.01<br>0.00  | 36.35<br>2.54<br>0.00  | 46.42<br>2.89<br>-14.00 | 58.68<br>4.35<br>-12.48 | 83.98<br>5.24<br>-29.76 | 96.78<br>5.18<br>-42.27 | 118.04<br>5.39<br>-62.24 | 126.47<br>5.51<br>-69.98  | 158.70<br>6.06<br>-96.04  | 161.75<br>5.95<br>-101.75 | 149.32<br>5.64<br>-95.49  | 154.55<br>5.59<br>-101.15  | 149.36<br>5.70<br>-95.78   | 102.46<br>5.72<br>-47.83   | 89.53<br>5.36<br>-36.29 | 88.83<br>4.93<br>-36.47  | 77.75<br>4.27<br>-34.71 | 52.74<br>3.32<br>-15.52 | 43.54<br>2.96<br>0.00   |
| SOUTH HAMPTN___IC<br>23720  | 42.19<br>5.01<br>0.23  | 40.26<br>5.04<br>-1.85 | 38.70<br>4.18<br>-6.07 | 39.56<br>4.05<br>-7.58 | 39.46<br>4.05<br>-7.45 | 39.65<br>4.22<br>-7.50 | 40.70<br>5.24<br>-1.65 | 45.83<br>4.52<br>-11.78 | 60.36<br>7.37<br>-11.14 | 83.96<br>8.42<br>-26.56 | 83.62<br>8.14<br>-26.15 | 114.35<br>8.42<br>-55.52 | 122.76<br>9.33<br>-62.45  | 152.37<br>10.07<br>-85.70 | 155.44<br>10.00<br>-91.39 | 142.46<br>9.06<br>-85.21  | 177.43<br>9.13<br>-120.49  | 177.49<br>9.29<br>-120.32  | 177.45<br>9.20<br>-119.34  | 89.07<br>8.81<br>-32.38 | 128.87<br>8.78<br>-72.66 | 92.48<br>7.33<br>-46.38 | 81.70<br>6.58<br>-41.22 | 93.62<br>6.98<br>-46.06 |
| SOUTHOLD___IC<br>23719      | 42.68<br>5.50<br>0.23  | 40.69<br>5.47<br>-1.85 | 39.01<br>4.49<br>-6.07 | 39.87<br>4.36<br>-7.58 | 39.77<br>4.36<br>-7.45 | 39.98<br>4.55<br>-7.50 | 41.11<br>5.65<br>-1.65 | 46.24<br>4.93<br>-11.78 | 61.11<br>8.12<br>-11.14 | 84.90<br>9.36<br>-26.56 | 84.61<br>9.13<br>-26.15 | 115.46<br>9.53<br>-55.52 | 123.88<br>10.45<br>-62.45 | 153.62<br>11.32<br>-85.70 | 156.68<br>11.24<br>-91.39 | 143.57<br>10.17<br>-85.21 | 178.53<br>10.23<br>-120.49 | 178.54<br>10.34<br>-120.32 | 178.57<br>10.32<br>-119.34 | 90.12<br>9.86<br>-32.38 | 129.91<br>9.82<br>-72.66 | 93.29<br>8.14<br>-46.38 | 82.31<br>7.19<br>-41.22 | 94.23<br>7.59<br>-46.06 |
| ST LAWRENCE___<br>23600     | 36.18<br>-1.23<br>0.00 | 32.24<br>-1.13<br>0.00 | 27.54<br>-0.91<br>0.00 | 27.15<br>-0.78<br>0.00 | 27.18<br>-0.78<br>0.00 | 27.12<br>-0.81<br>0.00 | 32.83<br>-0.98<br>0.00 | 28.24<br>-0.97<br>0.32  | 39.93<br>-1.63<br>0.29  | 46.78<br>-1.52<br>0.68  | 46.78<br>-1.58<br>0.97  | 47.53<br>-1.46<br>1.42   | 47.95<br>-1.43<br>1.60    | 52.88<br>-1.53<br>2.19    | 50.16<br>-1.62<br>2.27    | 44.56<br>-1.45<br>2.18    | 44.11<br>-1.39<br>2.31     | 44.11<br>-1.58<br>2.19     | 46.21<br>-1.61<br>1.09     | 45.52<br>-1.53<br>0.83  | 45.03<br>-1.57<br>0.83   | 36.43<br>-1.55<br>0.79  | 32.23<br>-1.32<br>0.35  | 39.12<br>-1.46<br>0.00  |
| STATION 5_MISC_HYD<br>23604 | 34.94<br>-2.47<br>0.00 | 30.67<br>-2.70<br>0.00 | 25.89<br>-2.56<br>0.00 | 25.28<br>-2.65<br>0.00 | 25.30<br>-2.66<br>0.00 | 25.44<br>-2.49<br>0.00 | 30.80<br>-3.01<br>0.00 | 28.39<br>-2.60<br>-1.46 | 39.89<br>-3.26<br>-1.30 | 49.00<br>-3.09<br>-3.11 | 50.80<br>-2.76<br>-4.23 | 54.49<br>-2.27<br>-6.35  | 56.05<br>-2.24<br>-7.31   | 63.86<br>-2.26<br>-9.52   | 61.79<br>-2.11<br>-9.85   | 55.22<br>-1.93<br>-8.96   | 54.92<br>-2.10<br>-9.21    | 55.57<br>-2.15<br>-9.84    | 51.24<br>-2.59<br>-4.92    | 48.69<br>-2.92<br>-3.73 | 48.00<br>-3.18<br>-3.75  | 39.94<br>-2.40<br>-3.57 | 33.33<br>-2.17<br>-1.60 | 38.47<br>-2.11<br>0.00  |
| STURGEON_POOL_HYD<br>23609  | 40.63<br>3.22<br>0.00  | 36.44<br>3.07<br>0.00  | 31.10<br>2.65<br>0.00  | 30.42<br>2.49<br>0.00  | 30.45<br>2.49<br>0.00  | 30.50<br>2.57<br>0.00  | 37.02<br>3.21<br>0.00  | 46.04<br>3.63<br>-12.88 | 58.81<br>5.48<br>-11.48 | 82.73<br>6.37<br>-27.38 | 94.53<br>6.31<br>-38.89 | 114.27<br>6.60<br>-57.26 | 122.15<br>6.78<br>-64.39  | 152.27<br>7.30<br>-88.37  | 155.26<br>7.14<br>-94.07  | 142.75<br>6.70<br>-87.86  | 147.31<br>6.60<br>-92.90   | 142.70<br>6.85<br>-87.97   | 99.69<br>6.85<br>-43.93    | 87.67<br>6.46<br>-33.33 | 86.95<br>6.02<br>-33.50  | 75.85<br>5.20<br>-31.88 | 52.25<br>4.10<br>-14.25 | 44.39<br>3.81<br>0.00   |
| SYRACUSE___POWER<br>24017   | 37.04<br>-0.37<br>0.00 | 32.94<br>-0.43<br>0.00 | 27.99<br>-0.46<br>0.00 | 27.43<br>-0.50<br>0.00 | 27.46<br>-0.50<br>0.00 | 27.48<br>-0.45<br>0.00 | 33.37<br>-0.44<br>0.00 | 30.31<br>-0.38<br>-1.16 | 42.43<br>-0.46<br>-1.04 | 50.58<br>-0.88<br>-2.48 | 52.01<br>-0.84<br>-3.52 | 54.68<br>-0.91<br>-5.18  | 55.83<br>-0.97<br>-5.82   | 63.57<br>-1.02<br>-7.99   | 60.45<br>-0.86<br>-7.26   | 55.31<br>-0.82<br>-7.94   | 55.15<br>-0.91<br>-8.25    | 54.83<br>-0.86<br>-7.81    | 51.98<br>-0.83<br>-3.90    | 49.98<br>-0.86<br>-2.96 | 49.60<br>-0.81<br>-2.98  | 41.06<br>-0.54<br>-2.83 | 34.80<br>-0.37<br>-1.27 | 40.09<br>-0.49<br>0.00  |

|                                |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          |                           |                           |                           |                           |                           |                           |                         |                          |                         |                         |                         |
|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| Stony___Brook<br>24151         | 40.36<br>3.18<br>0.23   | 38.79<br>3.57<br>-1.85  | 37.62<br>3.10<br>-6.07  | 38.42<br>2.91<br>-7.58  | 38.32<br>2.91<br>-7.45  | 38.45<br>3.02<br>-7.50  | 39.15<br>3.69<br>-1.65  | 44.23<br>2.92<br>-11.78 | 57.47<br>4.48<br>-11.14 | 80.39<br>4.85<br>-26.56 | 79.99<br>4.49<br>-26.17  | 110.47<br>4.54<br>-55.52 | 118.73<br>5.30<br>-62.45 | 147.96<br>5.66<br>-85.70  | 151.17<br>5.73<br>-91.39  | 138.60<br>5.20<br>-85.21  | 173.61<br>5.31<br>-120.49 | 173.61<br>5.41<br>-120.32 | 173.58<br>5.33<br>-119.34 | 85.34<br>5.08<br>-32.38 | 125.12<br>5.03<br>-72.66 | 89.38<br>4.23<br>-46.38 | 79.26<br>4.14<br>-41.22 | 91.27<br>4.63<br>-46.06 |
| UPPER HUDSON___HYD<br>24058    | 39.21<br>1.80<br>0.00   | 34.97<br>1.60<br>0.00   | 30.19<br>1.74<br>0.00   | 29.55<br>1.62<br>0.00   | 29.58<br>1.62<br>0.00   | 29.52<br>1.59<br>0.00   | 35.47<br>1.66<br>0.00   | 47.11<br>1.03<br>-16.55 | 57.99<br>1.38<br>-14.76 | 86.38<br>2.20<br>-35.20 | 101.64<br>2.32<br>-49.99 | 126.59<br>2.57<br>-73.61 | 136.40<br>2.65<br>-82.77 | 173.25<br>3.06<br>-113.59 | 176.44<br>3.08<br>-119.31 | 163.73<br>2.60<br>-112.94 | 169.97<br>2.53<br>-119.63 | 163.70<br>2.54<br>-113.28 | 107.83<br>2.35<br>-56.57  | 92.91<br>2.11<br>-42.92 | 92.66<br>2.09<br>-43.14  | 81.25<br>1.43<br>-41.05 | 53.34<br>1.08<br>-18.36 | 42.37<br>1.79<br>0.00   |
| UPPER RAQUET___HYD<br>24056    | 35.43<br>-1.98<br>0.00  | 31.60<br>-1.77<br>0.00  | 27.06<br>-1.39<br>0.00  | 26.65<br>-1.28<br>0.00  | 26.67<br>-1.29<br>0.00  | 26.59<br>-1.34<br>0.00  | 32.19<br>-1.62<br>0.00  | 28.14<br>-1.39<br>0.00  | 39.67<br>-2.18<br>0.00  | 46.73<br>-2.25<br>0.00  | 47.06<br>-2.27<br>0.00   | 48.24<br>-2.17<br>0.00   | 48.84<br>-2.14<br>0.00   | 54.28<br>-2.32<br>0.00    | 51.67<br>-2.38<br>0.00    | 45.97<br>-2.22<br>0.00    | 45.66<br>-2.15<br>0.00    | 45.49<br>-2.39<br>0.00    | 46.37<br>-2.54<br>0.00    | 45.44<br>-2.44<br>0.00  | 44.96<br>-2.47<br>0.00   | 36.33<br>-2.44<br>0.00  | 31.97<br>-1.93<br>0.00  | 38.51<br>-2.07<br>0.00  |
| VISCHER___FERRY HYD<br>24020   | 39.69<br>2.28<br>0.00   | 35.51<br>2.14<br>0.00   | 30.33<br>1.88<br>0.00   | 29.72<br>1.79<br>0.00   | 29.72<br>1.76<br>0.00   | 29.69<br>1.76<br>0.00   | 36.01<br>2.20<br>0.00   | 47.37<br>1.86<br>-15.98 | 58.69<br>2.59<br>-14.25 | 86.24<br>3.28<br>-33.98 | 101.05<br>3.45<br>-48.27 | 125.11<br>3.63<br>-71.07 | 134.56<br>3.67<br>-79.91 | 170.29<br>4.02<br>-109.67 | 173.38<br>3.95<br>-115.38 | 160.75<br>3.52<br>-109.04 | 166.81<br>3.49<br>-115.51 | 160.79<br>3.54<br>-109.37 | 106.95<br>3.42<br>-54.62  | 92.58<br>3.26<br>-41.44 | 92.31<br>3.23<br>-41.65  | 80.89<br>2.48<br>-39.64 | 53.82<br>2.20<br>-17.72 | 43.10<br>2.52<br>0.00   |
| WADING RIVER_1-3_GRP5<br>24038 | 40.62<br>3.44<br>0.23   | 38.99<br>3.77<br>-1.85  | 37.76<br>3.24<br>-6.07  | 38.58<br>3.07<br>-7.58  | 38.49<br>3.08<br>-7.45  | 38.61<br>3.18<br>-7.50  | 39.35<br>3.89<br>-1.65  | 44.44<br>3.13<br>-11.78 | 58.01<br>5.02<br>-11.14 | 81.07<br>5.53<br>-26.56 | 80.07<br>4.59<br>-26.15  | 110.57<br>4.64<br>-55.52 | 118.78<br>5.35<br>-62.45 | 148.02<br>5.72<br>-85.70  | 151.22<br>5.78<br>-91.39  | 138.70<br>5.30<br>-85.21  | 173.70<br>5.40<br>-120.49 | 173.71<br>5.51<br>-120.32 | 173.68<br>5.43<br>-119.34 | 85.38<br>5.12<br>-32.38 | 125.21<br>5.12<br>-72.66 | 89.76<br>4.61<br>-46.38 | 79.70<br>4.58<br>-41.22 | 91.59<br>4.95<br>-46.06 |
| WADING RIVER_IC_1<br>23522     | 40.62<br>3.44<br>0.23   | 38.99<br>3.77<br>-1.85  | 37.76<br>3.24<br>-6.07  | 38.58<br>3.07<br>-7.58  | 38.49<br>3.08<br>-7.45  | 38.61<br>3.18<br>-7.50  | 39.35<br>3.89<br>-1.65  | 44.44<br>3.13<br>-11.78 | 58.01<br>5.02<br>-11.14 | 81.07<br>5.53<br>-26.56 | 80.07<br>4.59<br>-26.15  | 110.57<br>4.64<br>-55.52 | 118.78<br>5.35<br>-62.45 | 148.02<br>5.72<br>-85.70  | 151.22<br>5.78<br>-91.39  | 138.70<br>5.30<br>-85.21  | 173.70<br>5.40<br>-120.49 | 173.71<br>5.51<br>-120.32 | 173.68<br>5.43<br>-119.34 | 85.38<br>5.12<br>-32.38 | 125.21<br>5.12<br>-72.66 | 89.76<br>4.61<br>-46.38 | 79.70<br>4.58<br>-41.22 | 91.59<br>4.95<br>-46.06 |
| WADING RIVER_IC_2<br>23547     | 40.62<br>3.44<br>0.23   | 38.99<br>3.77<br>-1.85  | 37.76<br>3.24<br>-6.07  | 38.58<br>3.07<br>-7.58  | 38.49<br>3.08<br>-7.45  | 38.61<br>3.18<br>-7.50  | 39.35<br>3.89<br>-1.65  | 44.44<br>3.13<br>-11.78 | 58.01<br>5.02<br>-11.14 | 81.07<br>5.53<br>-26.56 | 80.07<br>4.59<br>-26.15  | 110.57<br>4.64<br>-55.52 | 118.78<br>5.35<br>-62.45 | 148.02<br>5.72<br>-85.70  | 151.22<br>5.78<br>-91.39  | 138.70<br>5.30<br>-85.21  | 173.70<br>5.40<br>-120.49 | 173.71<br>5.51<br>-120.32 | 173.68<br>5.43<br>-119.34 | 85.38<br>5.12<br>-32.38 | 125.21<br>5.12<br>-72.66 | 89.76<br>4.61<br>-46.38 | 79.70<br>4.58<br>-41.22 | 91.59<br>4.95<br>-46.06 |
| WADING RIVER_IC_3<br>23601     | 40.62<br>3.44<br>0.23   | 38.99<br>3.77<br>-1.85  | 37.76<br>3.24<br>-6.07  | 38.58<br>3.07<br>-7.58  | 38.49<br>3.08<br>-7.45  | 38.61<br>3.18<br>-7.50  | 39.35<br>3.89<br>-1.65  | 44.44<br>3.13<br>-11.78 | 58.01<br>5.02<br>-11.14 | 81.07<br>5.53<br>-26.56 | 79.92<br>4.44<br>-26.15  | 110.42<br>4.49<br>-55.52 | 118.68<br>5.25<br>-62.45 | 147.90<br>5.60<br>-85.70  | 151.12<br>5.68<br>-91.39  | 138.56<br>5.16<br>-85.21  | 173.61<br>5.31<br>-120.49 | 173.61<br>5.41<br>-120.32 | 173.53<br>5.28<br>-119.34 | 85.29<br>5.03<br>-32.38 | 125.07<br>4.98<br>-72.66 | 89.88<br>4.73<br>-46.38 | 79.70<br>4.58<br>-41.22 | 91.59<br>4.95<br>-46.06 |
| WALDEN___HYDRO<br>24148        | 40.48<br>3.07<br>0.00   | 36.31<br>2.94<br>0.00   | 30.98<br>2.53<br>0.00   | 30.33<br>2.40<br>0.00   | 30.36<br>2.40<br>0.00   | 30.42<br>2.49<br>0.00   | 36.89<br>3.08<br>0.00   | 45.28<br>3.40<br>-12.35 | 57.98<br>5.11<br>-11.02 | 81.12<br>5.88<br>-26.26 | 92.50<br>5.87<br>-37.30  | 111.44<br>6.10<br>-54.93 | 119.01<br>6.27<br>-61.76 | 148.21<br>6.85<br>-84.76  | 151.21<br>6.70<br>-90.46  | 138.68<br>6.22<br>-84.27  | 143.08<br>6.17<br>-89.10  | 138.57<br>6.32<br>-84.37  | 97.35<br>6.31<br>-42.13   | 85.79<br>5.94<br>-31.97 | 85.11<br>5.55<br>-32.13  | 74.20<br>4.85<br>-30.58 | 51.47<br>3.90<br>-13.67 | 44.35<br>3.77<br>0.00   |
| WATERSIDE___6 8 9<br>23538     | 54.26<br>4.04<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.35<br>3.13<br>-21.29 | 52.38<br>3.16<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.04<br>3.89<br>-16.34 | 52.90<br>3.69<br>-19.68 | 58.26<br>5.27<br>-11.14 | 99.38<br>6.37<br>-44.03 | 93.85<br>6.46<br>-38.06  | 112.60<br>6.65<br>-55.54 | 120.26<br>6.83<br>-62.45 | 149.84<br>7.53<br>-85.71  | 152.68<br>7.24<br>-91.39  | 139.42<br>6.02<br>-85.21  | 144.09<br>6.02<br>-90.26  | 139.57<br>6.22<br>-85.47  | 97.85<br>6.26<br>-42.68   | 86.39<br>6.13<br>-32.38 | 86.10<br>6.12<br>-32.55  | 74.64<br>4.89<br>-30.98 | 54.08<br>4.34<br>-15.84 | 54.89<br>4.75<br>-9.56  |
| WEST BABYLON___IC<br>23714     | 41.11<br>3.93<br>0.23   | 39.36<br>4.14<br>-1.85  | 38.08<br>3.56<br>-6.07  | 38.89<br>3.38<br>-7.58  | 38.79<br>3.38<br>-7.45  | 38.92<br>3.49<br>-7.50  | 39.72<br>4.26<br>-1.65  | 44.83<br>3.48<br>-11.82 | 58.56<br>5.57<br>-11.14 | 81.81<br>6.27<br>-26.56 | 82.50<br>6.36<br>-26.81  | 112.58<br>6.65<br>-55.52 | 120.77<br>7.34<br>-62.45 | 150.22<br>7.92<br>-85.70  | 153.33<br>7.89<br>-91.39  | 140.53<br>7.13<br>-85.21  | 175.52<br>7.22<br>-120.49 | 175.53<br>7.33<br>-120.32 | 175.49<br>7.24<br>-119.34 | 87.20<br>6.94<br>-32.38 | 126.97<br>6.88<br>-72.66 | 90.69<br>5.54<br>-46.38 | 80.07<br>4.95<br>-41.22 | 92.00<br>5.36<br>-46.06 |
| WEST CANADA___HYD<br>24049     | 37.67<br>0.26<br>0.00   | 33.64<br>0.27<br>0.00   | 28.68<br>0.23<br>0.00   | 28.13<br>0.20<br>0.00   | 28.16<br>0.20<br>0.00   | 28.13<br>0.20<br>0.00   | 34.05<br>0.24<br>0.00   | 29.48<br>0.27<br>0.32   | 41.98<br>0.42<br>0.29   | 48.74<br>0.44<br>0.68   | 48.80<br>0.44<br>0.97    | 49.44<br>0.45<br>1.42    | 49.84<br>0.46<br>1.60    | 54.86<br>0.45<br>2.19     | 52.27<br>0.49<br>2.27     | 46.44<br>0.43<br>2.18     | 45.93<br>0.43<br>2.31     | 46.12<br>0.43<br>2.19     | 48.26<br>0.44<br>1.09     | 47.48<br>0.43<br>0.83   | 47.03<br>0.43<br>0.83    | 38.33<br>0.35<br>0.79   | 33.82<br>0.27<br>0.35   | 40.90<br>0.32<br>0.00   |
| WESTERN_NY_WIND<br>24143       | 36.10<br>-1.31<br>0.00  | 31.60<br>-1.77<br>0.00  | 26.71<br>-1.74<br>0.00  | 26.06<br>-1.87<br>0.00  | 26.11<br>-1.85<br>0.00  | 26.25<br>-1.68<br>0.00  | 31.38<br>-2.43<br>0.00  | 29.06<br>-2.18<br>-1.71 | 40.16<br>-3.22<br>-1.53 | 48.80<br>-3.82<br>-3.64 | 50.56<br>-3.85<br>-5.08  | 54.57<br>-3.38<br>-7.54  | 56.02<br>-3.52<br>-8.56  | 64.13<br>-3.96<br>-11.49  | 63.17<br>-3.68<br>-12.80  | 55.98<br>-3.37<br>-11.16  | 56.18<br>-3.39<br>-11.76  | 56.34<br>-3.26<br>-11.72  | 51.04<br>-3.72<br>-5.85   | 48.39<br>-3.93<br>-4.44 | 47.86<br>-4.03<br>-4.46  | 40.15<br>-2.87<br>-4.25 | 34.00<br>-1.80<br>-1.90 | 39.16<br>-1.42<br>0.00  |
| YORK___WARBASSE<br>23770       | 54.34<br>4.12<br>-12.81 | 54.07<br>3.87<br>-16.83 | 53.68<br>3.30<br>-21.93 | 52.32<br>3.10<br>-21.29 | 52.32<br>3.10<br>-21.26 | 52.89<br>3.21<br>-21.75 | 54.11<br>3.96<br>-16.34 | 52.93<br>3.72<br>-19.68 | 58.43<br>5.44<br>-11.14 | 99.57<br>6.56<br>-44.03 | 94.05<br>6.66<br>-38.06  | 112.91<br>6.96<br>-55.54 | 120.57<br>7.14<br>-62.45 | 150.23<br>7.92<br>-85.71  | 152.95<br>7.51<br>-91.39  | 139.57<br>6.17<br>-85.21  | 144.24<br>6.17<br>-90.26  | 139.67<br>6.32<br>-85.47  | 98.00<br>6.41<br>-42.68   | 86.48<br>6.22<br>-32.38 | 86.29<br>6.31<br>-32.55  | 74.79<br>5.04<br>-30.98 | 54.15<br>4.41<br>-15.84 | 55.01<br>4.87<br>-9.56  |