

Time Weighted/Integrated Real Time LBMP- Generator

--- 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 | 42.90 | 59.32 | 41.29 | 36.26 | 49.71 | 45.42 | 41.62 | 43.74 | 49.53 | 51.51 | 87.10 | 72.32 | 96.31 | 97.47 | 114.18 | 163.57 | 122.27 | 56.73 | 49.68 | 47.75 | 51.68 | 44.34 | 42.17 | 35.61 |
| 24138 | 4.39 | 4.89 | 3.99 | 3.35 | 4.36 | 3.82 | 3.93 | 4.29 | 5.05 | 5.44 | 9.72 | 8.38 | 11.41 | 11.47 | 13.34 | 19.25 | 13.80 | 6.55 | 5.83 | 5.45 | 4.53 | 4.83 | 4.58 | 3.65 |
| | 0.00 | -10.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.33 | -12.62 | -1.79 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 42.90 | 59.32 | 41.29 | 36.26 | 49.71 | 45.42 | 41.62 | 43.74 | 49.53 | 51.51 | 87.10 | 72.32 | 96.31 | 97.47 | 114.18 | 163.57 | 122.27 | 56.72 | 49.67 | 47.75 | 51.67 | 44.34 | 42.14 | 35.58 |
| 24260 | 4.39 | 4.89 | 3.99 | 3.35 | 4.36 | 3.82 | 3.93 | 4.29 | 5.05 | 5.44 | 9.72 | 8.38 | 11.41 | 11.47 | 13.34 | 19.25 | 13.80 | 6.54 | 5.82 | 5.45 | 4.53 | 4.83 | 4.54 | 3.62 |
| | 0.00 | -10.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.33 | -12.62 | -1.79 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 42.90 | 59.32 | 41.29 | 36.26 | 49.71 | 45.42 | 41.62 | 43.74 | 49.53 | 51.51 | 87.10 | 72.32 | 96.31 | 97.47 | 114.18 | 163.57 | 122.27 | 56.72 | 49.67 | 47.75 | 51.67 | 44.34 | 42.14 | 35.58 |
| 24261 | 4.39 | 4.89 | 3.99 | 3.35 | 4.36 | 3.82 | 3.93 | 4.29 | 5.05 | 5.44 | 9.72 | 8.38 | 11.41 | 11.47 | 13.34 | 19.25 | 13.80 | 6.54 | 5.82 | 5.45 | 4.53 | 4.83 | 4.54 | 3.62 |
| | 0.00 | -10.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.33 | -12.62 | -1.79 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 40.14 | 60.74 | 40.33 | 35.57 | 49.18 | 45.38 | 40.72 | 42.37 | 47.92 | 49.23 | 82.09 | 67.94 | 88.60 | 89.21 | 105.06 | 151.33 | 113.39 | 51.92 | 45.05 | 44.54 | 52.63 | 41.86 | 39.31 | 33.47 |
| 24011 | 1.64 | 3.01 | 3.03 | 2.66 | 3.83 | 3.78 | 3.03 | 2.93 | 3.44 | 3.16 | 4.70 | 2.47 | 3.71 | 3.21 | 4.22 | 7.02 | 4.92 | 1.75 | 1.21 | 1.51 | 1.58 | 1.79 | 1.71 | 1.51 |
| | 0.00 | -13.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.05 | -16.53 | -2.35 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 40.14 | 60.74 | 40.33 | 35.57 | 49.18 | 45.38 | 40.72 | 42.37 | 47.92 | 49.23 | 82.09 | 67.94 | 88.60 | 89.21 | 105.06 | 151.33 | 113.39 | 51.92 | 45.05 | 44.54 | 52.63 | 41.86 | 39.31 | 33.47 |
| 23798 | 1.64 | 3.01 | 3.03 | 2.66 | 3.83 | 3.78 | 3.03 | 2.93 | 3.44 | 3.16 | 4.70 | 2.47 | 3.71 | 3.21 | 4.22 | 7.02 | 4.92 | 1.75 | 1.21 | 1.51 | 1.58 | 1.79 | 1.71 | 1.51 |
| | 0.00 | -13.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.05 | -16.53 | -2.35 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 40.14 | 60.74 | 40.33 | 35.57 | 49.18 | 45.38 | 40.72 | 42.37 | 47.92 | 49.23 | 82.09 | 67.94 | 88.60 | 89.21 | 105.06 | 151.33 | 113.39 | 51.92 | 45.05 | 44.54 | 52.63 | 41.86 | 39.31 | 33.47 |
| 24028 | 1.64 | 3.01 | 3.03 | 2.66 | 3.83 | 3.78 | 3.03 | 2.93 | 3.44 | 3.16 | 4.70 | 2.47 | 3.71 | 3.21 | 4.22 | 7.02 | 4.92 | 1.75 | 1.21 | 1.51 | 1.58 | 1.79 | 1.71 | 1.51 |
| | 0.00 | -13.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.05 | -16.53 | -2.35 | 0.00 | 0.00 |
| ADK_NYS___DAM | 40.05 | 59.57 | 39.90 | 35.18 | 48.48 | 44.56 | 40.17 | 41.68 | 46.94 | 48.13 | 80.17 | 66.63 | 87.22 | 87.76 | 103.26 | 148.43 | 111.30 | 51.06 | 44.54 | 43.97 | 51.72 | 41.04 | 38.57 | 33.06 |
| 23527 | 1.55 | 2.19 | 2.59 | 2.27 | 3.13 | 2.96 | 2.48 | 2.23 | 2.46 | 2.07 | 2.78 | 1.30 | 2.32 | 1.77 | 2.42 | 4.12 | 2.83 | 0.89 | 0.70 | 1.01 | 1.02 | 1.03 | 0.97 | 1.10 |
| | 0.00 | -13.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.98 | -16.17 | -2.29 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP | 39.86 | 59.06 | 39.06 | 34.56 | 47.64 | 43.69 | 39.26 | 41.10 | 46.22 | 47.53 | 79.29 | 65.91 | 86.02 | 86.31 | 101.29 | 145.15 | 109.61 | 50.15 | 43.95 | 43.51 | 51.10 | 40.30 | 38.04 | 32.67 |
| 24190 | 1.36 | 1.69 | 1.76 | 1.65 | 2.29 | 2.10 | 1.57 | 1.65 | 1.74 | 1.47 | 1.90 | 0.60 | 1.13 | 0.31 | 0.45 | 0.84 | 1.14 | -0.03 | 0.10 | 0.56 | 0.44 | 0.30 | 0.44 | 0.70 |
| | 0.00 | -13.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.97 | -16.13 | -2.29 | 0.00 | 0.00 |
| ALBANY___1 | 39.93 | 59.15 | 39.11 | 34.60 | 47.73 | 43.77 | 39.33 | 41.17 | 46.30 | 47.61 | 79.43 | 66.02 | 86.17 | 86.45 | 101.46 | 145.40 | 109.80 | 50.23 | 44.02 | 43.58 | 51.16 | 40.37 | 38.09 | 32.71 |
| 23571 | 1.43 | 1.79 | 1.81 | 1.69 | 2.37 | 2.18 | 1.64 | 1.72 | 1.83 | 1.55 | 2.04 | 0.71 | 1.27 | 0.45 | 0.62 | 1.08 | 1.33 | 0.06 | 0.18 | 0.62 | 0.50 | 0.36 | 0.50 | 0.75 |
| | 0.00 | -13.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.97 | -16.13 | -2.29 | 0.00 | 0.00 |
| ALBANY___2 | 39.93 | 59.15 | 39.11 | 34.60 | 47.73 | 43.77 | 39.33 | 41.17 | 46.30 | 47.61 | 79.43 | 66.02 | 86.17 | 86.45 | 101.46 | 145.40 | 109.80 | 50.23 | 44.02 | 43.58 | 51.16 | 40.37 | 38.09 | 32.71 |
| 23572 | 1.43 | 1.79 | 1.81 | 1.69 | 2.37 | 2.18 | 1.64 | 1.72 | 1.83 | 1.55 | 2.04 | 0.71 | 1.27 | 0.45 | 0.62 | 1.08 | 1.33 | 0.06 | 0.18 | 0.62 | 0.50 | 0.36 | 0.50 | 0.75 |
| | 0.00 | -13.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.97 | -16.13 | -2.29 | 0.00 | 0.00 |
| ALBANY___3 | 39.93 | 59.15 | 39.11 | 34.60 | 47.73 | 43.77 | 39.33 | 41.17 | 46.30 | 47.61 | 79.43 | 66.02 | 86.17 | 86.45 | 101.46 | 145.40 | 109.80 | 50.23 | 44.02 | 43.58 | 51.16 | 40.37 | 38.09 | 32.71 |
| 23573 | 1.43 | 1.79 | 1.81 | 1.69 | 2.37 | 2.18 | 1.64 | 1.72 | 1.83 | 1.55 | 2.04 | 0.71 | 1.27 | 0.45 | 0.62 | 1.08 | 1.33 | 0.06 | 0.18 | 0.62 | 0.50 | 0.36 | 0.50 | 0.75 |
| | 0.00 | -13.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.97 | -16.13 | -2.29 | 0.00 | 0.00 |
| ALBANY___4 | 39.93 | 59.15 | 39.11 | 34.60 | 47.73 | 43.77 | 39.33 | 41.17 | 46.30 | 47.61 | 79.43 | 66.02 | 86.17 | 86.45 | 101.46 | 145.40 | 109.80 | 50.23 | 44.02 | 43.58 | 51.16 | 40.37 | 38.09 | 32.71 |
| 23574 | 1.43 | 1.79 | 1.81 | 1.69 | 2.37 | 2.18 | 1.64 | 1.72 | 1.83 | 1.55 | 2.04 | 0.71 | 1.27 | 0.45 | 0.62 | 1.08 | 1.33 | 0.06 | 0.18 | 0.62 | 0.50 | 0.36 | 0.50 | 0.75 |
| | 0.00 | -13.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.97 | -16.13 | -2.29 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---------------------------|--------------------------|---------------------------|---------------------------|------------------------|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| ALCOA_RYNLDS___DRP 24188 | 37.64 -0.86 0.00 | 42.74 -0.87 0.16 | 36.62 -0.68 0.00 | 32.26 -0.66 0.00 | 44.37 -0.98 0.00 | 40.73 -0.86 0.00 | 36.89 -0.80 0.00 | 38.66 -0.78 0.00 | 43.49 -0.99 0.00 | 45.23 -0.83 0.00 | 75.88 -1.50 0.00 | 57.52 -1.36 0.06 | 83.16 -1.73 0.00 | 83.92 -2.07 0.00 | 98.41 -2.43 0.00 | 140.99 -3.32 0.00 | 106.40 -2.07 0.00 | 48.84 -1.34 0.00 | 42.57 -1.28 0.00 | 38.80 -1.15 0.03 | 33.49 -0.89 0.15 | 36.69 -1.00 0.03 | 36.60 -1.00 0.00 | 31.25 -0.72 0.00 |
| ALLEGHENY___COGEN 23514 | 37.18 -1.32 0.00 | 43.86 -1.70 -1.80 | 35.82 -1.48 0.00 | 31.60 -1.31 0.00 | 43.49 -1.86 0.00 | 40.05 -1.54 0.00 | 36.25 -1.44 0.00 | 38.00 -1.44 0.00 | 42.88 -1.60 0.00 | 44.69 -1.37 0.00 | 75.41 -1.98 0.00 | 58.22 -1.57 -0.85 | 83.10 -1.80 0.00 | 84.10 -1.90 0.00 | 98.54 -2.30 0.00 | 140.91 -3.41 0.00 | 106.56 -1.91 0.00 | 48.96 -1.21 0.00 | 42.62 -1.23 0.00 | 39.14 -1.24 -0.40 | 35.44 -1.24 -2.15 | 36.73 -1.29 -0.30 | 36.28 -1.31 0.00 | 30.75 -1.22 0.00 |
| AMERICAN_REF_FUEL 24010 | 37.81 -0.69 0.00 | 44.14 -1.23 -1.61 | 35.84 -1.47 0.00 | 31.73 -1.18 0.00 | 43.56 -1.80 0.00 | 39.79 -1.81 0.00 | 36.03 -1.66 0.00 | 37.39 -2.06 0.00 | 41.81 -2.66 0.00 | 43.62 -2.44 0.00 | 73.80 -3.59 0.00 | 58.04 -1.66 -0.77 | 82.73 -2.17 0.00 | 85.18 -0.82 0.00 | 99.90 -0.94 0.00 | 143.17 -1.14 0.00 | 107.01 -1.46 0.00 | 50.08 -0.10 0.00 | 43.97 0.13 0.00 | 39.94 -0.39 -0.36 | 36.09 -0.36 -1.93 | 37.98 -0.01 -0.27 | 37.84 0.24 0.00 | 32.24 0.27 0.00 |
| AMERICAN___BRASS 23903 | 37.81 -0.69 0.00 | 44.70 -1.23 -2.17 | 35.84 -1.47 0.00 | 31.73 -1.18 0.00 | 43.56 -1.80 0.00 | 39.79 -1.81 0.00 | 36.03 -1.66 0.00 | 37.39 -2.06 0.00 | 41.81 -2.66 0.00 | 43.62 -2.44 0.00 | 73.80 -3.59 0.00 | 58.30 -1.66 -1.02 | 82.73 -2.17 0.00 | 85.18 -0.82 0.00 | 99.90 -0.94 0.00 | 143.17 -1.14 0.00 | 107.01 -1.46 0.00 | 50.08 -0.10 0.00 | 43.97 0.13 0.00 | 40.06 -0.39 -0.48 | 36.74 -0.36 -2.58 | 38.07 -0.01 -0.37 | 37.84 0.24 0.00 | 32.24 0.27 0.00 |
| ARTHUR_KILL_GT_1 23520 | 42.77 4.26 0.00 | 43.95 4.59 4.41 | 24.96 3.90 16.24 | 30.28 3.28 5.91 | 3.22 4.21 46.34 | 41.22 3.70 4.07 | 41.52 3.82 0.00 | 43.59 4.14 0.00 | 49.26 4.79 0.00 | 49.87 5.06 1.26 | 53.48 8.87 32.78 | 51.14 7.60 15.40 | 56.11 10.20 38.98 | 70.45 10.14 25.69 | 76.49 11.84 36.19 | 115.67 17.08 45.73 | 120.66 12.20 0.00 | 51.91 5.83 4.09 | 49.19 5.34 0.00 | 47.46 5.15 -2.33 | 51.46 4.31 -12.62 | 44.11 4.60 -1.79 | 42.07 4.47 0.00 | 35.56 3.59 0.00 |
| ARTHUR_KILL_2 23512 | 42.77 4.26 0.00 | 43.95 4.59 4.41 | 24.96 3.90 16.24 | 30.28 3.28 5.91 | 3.22 4.21 46.34 | 41.22 3.70 4.07 | 41.52 3.82 0.00 | 43.59 4.14 0.00 | 49.26 4.79 0.00 | 49.87 5.06 1.26 | 53.48 8.87 32.78 | 51.14 7.60 15.40 | 56.11 10.20 38.98 | 70.45 10.14 25.69 | 76.49 11.84 36.19 | 115.67 17.08 45.73 | 120.66 12.20 0.00 | 51.91 5.83 4.09 | 49.19 5.34 0.00 | 47.46 5.15 -2.33 | 51.46 4.31 -12.62 | 44.11 4.60 -1.79 | 42.07 4.47 0.00 | 35.56 3.59 0.00 |
| ARTHUR_KILL_3 23513 | 42.53 4.03 0.00 | 43.84 4.48 4.41 | 24.74 3.67 16.24 | 30.07 3.07 5.91 | 3.04 4.03 46.34 | 41.06 3.54 4.07 | 41.36 3.67 0.00 | 43.37 3.93 0.00 | 49.05 4.58 0.00 | 49.70 4.90 1.26 | 53.33 8.72 32.78 | 51.13 7.59 15.40 | 56.13 10.22 38.98 | 70.52 10.21 25.69 | 76.58 11.94 36.19 | 115.84 17.26 45.73 | 120.77 12.30 0.00 | 51.99 5.91 4.09 | 49.21 5.37 0.00 | 47.38 5.07 -2.33 | 51.35 4.20 -12.62 | 43.99 4.48 -1.79 | 41.90 4.30 0.00 | 35.40 3.44 0.00 |
| ASHOKAN____ 23654 | 42.27 3.76 0.00 | 59.35 4.12 -11.46 | 40.61 3.30 0.00 | 35.73 2.82 0.00 | 49.12 3.77 0.00 | 44.86 3.27 0.00 | 40.85 3.16 0.00 | 42.88 3.43 0.00 | 48.70 4.22 0.00 | 50.48 4.42 0.00 | 84.96 7.58 0.00 | 70.43 6.10 -5.39 | 93.86 8.97 0.00 | 95.33 9.33 0.00 | 111.65 10.81 0.00 | 160.07 15.75 0.00 | 120.07 11.60 0.00 | 55.78 5.61 0.00 | 48.59 4.74 0.00 | 46.81 4.29 -2.55 | 52.11 3.76 -13.82 | 43.51 3.84 -1.96 | 41.14 3.54 0.00 | 35.13 3.17 0.00 |
| ASTORIA 5-9____ 23662 | 169.33 4.77 -126.05 | 145.30 5.48 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.69 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.05 4.95 -71.65 | 103.39 5.61 -53.30 | 101.52 6.13 -49.33 | 122.78 10.76 -34.64 | 116.97 8.91 -49.12 | 112.57 11.90 -15.78 | 117.35 11.77 -19.59 | 114.88 14.04 0.00 | 165.04 20.24 -0.48 | 133.09 14.83 -9.80 | 131.03 6.99 -73.87 | 136.61 6.14 -86.62 | 130.79 5.80 -85.01 | 170.86 4.91 -131.43 | 131.98 5.20 -89.06 | 137.82 5.03 -95.19 | 130.07 4.10 -94.01 |
| ASTORIA GT2____ 23536 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |
| ASTORIA GT3____ 23731 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |
| ASTORIA GT4____ 23727 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |
| ASTORIA_GT2_1 24094 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |
| ASTORIA_GT2_2 24095 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |
| ASTORIA_GT2_3 24096 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |
| ASTORIA_GT2_4 24097 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |

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|------------------------|---------------------------|--------------------------|---------------------------|---------------------------|-----------------------|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| ASTORIA_GT3_1 24098 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |
| ASTORIA_GT3_2 24099 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |
| ASTORIA_GT3_3 24100 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |
| ASTORIA_GT3_4 24101 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |
| ASTORIA_GT4_1 24102 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |
| ASTORIA_GT4_2 24103 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |
| ASTORIA_GT4_3 24104 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |
| ASTORIA_GT4_4 24105 | 169.09 4.54 -126.05 | 145.20 5.38 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.68 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.02 4.92 -71.65 | 103.31 5.53 -53.30 | 101.43 6.04 -49.33 | 122.62 10.59 -34.64 | 116.79 8.74 -49.12 | 112.21 11.54 -15.78 | 116.93 11.35 -19.59 | 114.43 13.59 0.00 | 164.40 19.61 -0.48 | 132.73 14.47 -9.80 | 130.84 6.80 -73.87 | 136.45 5.98 -86.62 | 130.65 5.66 -85.01 | 170.75 4.80 -131.43 | 131.86 5.08 -89.06 | 137.74 4.95 -95.19 | 130.00 4.03 -94.01 |
| ASTORIA_GT_1 23523 | 49.49 4.41 -6.58 | 62.18 4.99 -13.43 | 45.82 4.16 -4.35 | 36.38 3.47 0.00 | 49.98 4.63 0.00 | 45.72 4.13 0.00 | 48.35 4.24 -6.42 | 46.55 4.45 -2.65 | 49.66 5.18 0.00 | 51.79 5.57 -0.16 | 87.20 9.81 0.00 | 72.16 8.21 -5.01 | 95.76 10.86 0.00 | 96.83 10.84 0.00 | 113.61 12.77 0.00 | 162.72 18.41 0.00 | 121.61 13.14 0.00 | 56.33 6.16 0.00 | 53.81 5.58 -4.38 | 47.67 5.36 -2.33 | 51.64 4.49 -12.62 | 44.29 4.77 -1.79 | 42.22 4.62 0.00 | 35.71 3.75 0.00 |
| ASTORIA_GT_10 24110 | 49.49 4.41 -6.58 | 62.18 4.99 -13.43 | 45.82 4.16 -4.35 | 36.38 3.47 0.00 | 49.98 4.63 0.00 | 45.72 4.13 0.00 | 48.35 4.24 -6.42 | 46.55 4.45 -2.65 | 49.66 5.18 0.00 | 51.79 5.57 -0.16 | 87.20 9.81 0.00 | 72.16 8.21 -5.01 | 95.76 10.86 0.00 | 96.83 10.84 0.00 | 113.61 12.77 0.00 | 162.72 18.41 0.00 | 121.61 13.14 0.00 | 56.33 6.16 0.00 | 53.81 5.58 -4.38 | 47.67 5.36 -2.33 | 51.64 4.49 -12.62 | 44.29 4.77 -1.79 | 42.22 4.62 0.00 | 35.71 3.75 0.00 |
| ASTORIA_GT_11 24225 | 49.49 4.41 -6.58 | 62.18 4.99 -13.43 | 45.82 4.16 -4.35 | 36.38 3.47 0.00 | 49.98 4.63 0.00 | 45.72 4.13 0.00 | 48.35 4.24 -6.42 | 46.55 4.45 -2.65 | 49.66 5.18 0.00 | 51.79 5.57 -0.16 | 87.20 9.81 0.00 | 72.16 8.21 -5.01 | 95.76 10.86 0.00 | 96.83 10.84 0.00 | 113.61 12.77 0.00 | 162.72 18.41 0.00 | 121.61 13.14 0.00 | 56.33 6.16 0.00 | 53.81 5.58 -4.38 | 47.67 5.36 -2.33 | 51.64 4.49 -12.62 | 44.29 4.77 -1.79 | 42.22 4.62 0.00 | 35.71 3.75 0.00 |
| ASTORIA_GT_12 24226 | 49.49 4.41 -6.58 | 62.18 4.99 -13.43 | 45.82 4.16 -4.35 | 36.38 3.47 0.00 | 49.98 4.63 0.00 | 45.72 4.13 0.00 | 48.35 4.24 -6.42 | 46.55 4.45 -2.65 | 49.66 5.18 0.00 | 51.79 5.57 -0.16 | 87.20 9.81 0.00 | 72.16 8.21 -5.01 | 95.76 10.86 0.00 | 96.83 10.84 0.00 | 113.61 12.77 0.00 | 162.72 18.41 0.00 | 121.61 13.14 0.00 | 56.33 6.16 0.00 | 53.81 5.58 -4.38 | 47.67 5.36 -2.33 | 51.64 4.49 -12.62 | 44.29 4.77 -1.79 | 42.22 4.62 0.00 | 35.71 3.75 0.00 |
| ASTORIA_GT_13 24227 | 49.49 4.41 -6.58 | 62.18 4.99 -13.43 | 45.82 4.16 -4.35 | 36.38 3.47 0.00 | 49.98 4.63 0.00 | 45.72 4.13 0.00 | 48.35 4.24 -6.42 | 46.55 4.45 -2.65 | 49.66 5.18 0.00 | 51.79 5.57 -0.16 | 87.20 9.81 0.00 | 72.16 8.21 -5.01 | 95.76 10.86 0.00 | 96.83 10.84 0.00 | 113.61 12.77 0.00 | 162.72 18.41 0.00 | 121.61 13.14 0.00 | 56.33 6.16 0.00 | 53.81 5.58 -4.38 | 47.67 5.36 -2.33 | 51.64 4.49 -12.62 | 44.29 4.77 -1.79 | 42.22 4.62 0.00 | 35.71 3.75 0.00 |
| ASTORIA_GT_5 24106 | 169.33 4.77 -126.05 | 145.30 5.48 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.69 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.05 4.95 -71.65 | 103.39 5.61 -53.30 | 101.52 6.13 -49.33 | 122.78 10.76 -34.64 | 116.97 8.91 -49.12 | 112.57 11.90 -15.78 | 117.35 11.77 -19.59 | 114.88 14.04 0.00 | 165.04 20.24 -0.48 | 133.09 14.83 -9.80 | 131.03 6.99 -73.87 | 136.61 6.14 -86.62 | 130.79 5.80 -85.01 | 170.86 4.91 -131.43 | 131.98 5.20 -89.06 | 137.82 5.03 -95.19 | 130.07 4.10 -94.01 |
| ASTORIA_GT_7 24107 | 169.33 4.77 -126.05 | 145.30 5.48 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.69 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.05 4.95 -71.65 | 103.39 5.61 -53.30 | 101.52 6.13 -49.33 | 122.78 10.76 -34.64 | 116.97 8.91 -49.12 | 112.57 11.90 -15.78 | 117.35 11.77 -19.59 | 114.88 14.04 0.00 | 165.04 20.24 -0.48 | 133.09 14.83 -9.80 | 131.03 6.99 -73.87 | 136.61 6.14 -86.62 | 130.79 5.80 -85.01 | 170.86 4.91 -131.43 | 131.98 5.20 -89.06 | 137.82 5.03 -95.19 | 130.07 4.10 -94.01 |
| ASTORIA_GT_8 24108 | 169.33 4.77 -126.05 | 145.30 5.48 -96.05 | 211.65 4.85 -169.50 | 167.74 4.06 -130.77 | 50.69 5.33 0.00 | 46.39 4.80 0.00 | 109.74 4.86 -67.19 | 116.05 4.95 -71.65 | 103.39 5.61 -53.30 | 101.52 6.13 -49.33 | 122.78 10.76 -34.64 | 116.97 8.91 -49.12 | 112.57 11.90 -15.78 | 117.35 11.77 -19.59 | 114.88 14.04 0.00 | 165.04 20.24 -0.48 | 133.09 14.83 -9.80 | 131.03 6.99 -73.87 | 136.61 6.14 -86.62 | 130.79 5.80 -85.01 | 170.86 4.91 -131.43 | 131.98 5.20 -89.06 | 137.82 5.03 -95.19 | 130.07 4.10 -94.01 |

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| ASTORIA_GT_9 24109 | 43.27 4.77 0.00 | 51.42 5.48 -2.17 | 42.15 4.85 0.00 | 36.97 4.06 0.00 | 50.69 5.33 0.00 | 46.39 4.80 0.00 | 42.55 4.86 0.00 | 44.39 4.95 0.00 | 50.09 5.61 0.00 | 52.20 6.13 0.00 | 88.14 10.76 0.00 | 68.87 8.91 -1.02 | 96.79 11.90 0.00 | 97.77 11.77 0.00 | 114.88 14.04 0.00 | 164.55 20.24 0.00 | 123.29 14.83 0.00 | 57.16 6.99 0.00 | 49.99 6.14 0.00 | 46.26 5.80 -0.48 | 42.01 4.91 -2.58 | 43.28 5.20 -0.37 | 42.63 5.03 0.00 | 36.06 4.10 0.00 |
| ASTORIA___2 24149 | 169.39 4.84 -126.05 | 145.45 5.63 -96.05 | 211.74 4.94 -169.50 | 167.81 4.13 -130.77 | 50.83 5.48 0.00 | 46.53 4.94 0.00 | 109.87 4.98 -67.19 | 116.17 5.07 -71.65 | 103.52 5.75 -53.30 | 101.67 6.28 -49.33 | 123.03 11.00 -34.64 | 117.15 9.10 -49.12 | 112.82 12.14 -15.78 | 117.59 12.01 -19.59 | 115.18 14.34 0.00 | 165.47 20.67 -0.48 | 133.44 15.17 -9.80 | 131.19 7.15 -73.87 | 136.74 6.27 -86.62 | 130.91 5.93 -85.01 | 170.97 5.01 -131.43 | 132.09 5.31 -89.06 | 137.92 5.13 -95.19 | 130.15 4.18 -94.01 |
| ASTORIA___3 23516 | 49.77 4.69 -6.58 | 62.58 5.39 -13.43 | 46.42 4.76 -4.35 | 36.80 3.89 0.00 | 50.54 5.19 0.00 | 46.26 4.66 0.00 | 48.82 4.71 -6.42 | 46.82 4.72 -2.65 | 49.74 5.27 0.00 | 51.98 5.76 -0.16 | 87.52 10.13 0.00 | 72.39 8.44 -5.01 | 96.13 11.24 0.00 | 97.11 11.12 0.00 | 114.12 13.28 0.00 | 163.44 19.13 0.00 | 122.44 13.98 0.00 | 56.81 6.64 0.00 | 54.10 5.87 -4.38 | 47.89 5.58 -2.33 | 51.84 4.69 -12.62 | 44.43 4.92 -1.79 | 42.36 4.76 0.00 | 35.85 3.89 0.00 |
| ASTORIA___4 23517 | 168.79 4.24 -126.05 | 144.61 4.79 -96.05 | 210.77 3.97 -169.50 | 166.99 3.31 -130.77 | 49.71 4.36 0.00 | 45.52 3.93 0.00 | 108.93 4.05 -67.19 | 115.32 4.22 -71.65 | 102.68 4.90 -53.30 | 100.64 5.24 -49.33 | 121.26 9.24 -34.64 | 115.92 7.86 -49.12 | 111.22 10.54 -15.78 | 116.13 10.55 -19.59 | 113.28 12.44 0.00 | 162.76 17.96 -0.48 | 131.17 12.91 -9.80 | 130.13 6.09 -73.87 | 135.88 5.41 -86.62 | 130.08 5.09 -85.01 | 170.18 4.23 -131.43 | 131.27 4.49 -89.06 | 137.13 4.33 -95.19 | 129.49 3.51 -94.01 |
| ASTORIA___5 23518 | 168.97 4.42 -126.05 | 144.97 5.16 -96.05 | 211.31 4.51 -169.50 | 167.44 3.76 -130.77 | 50.30 4.95 0.00 | 46.04 4.45 0.00 | 109.43 4.55 -67.19 | 115.74 4.64 -71.65 | 103.06 5.29 -53.30 | 101.19 5.79 -49.33 | 122.17 10.14 -34.64 | 116.45 8.39 -49.12 | 111.85 11.17 -15.78 | 116.64 11.06 -19.59 | 114.02 13.18 0.00 | 163.80 19.00 -0.48 | 132.15 13.88 -9.80 | 130.59 6.55 -73.87 | 136.24 5.77 -86.62 | 130.44 5.45 -85.01 | 170.56 4.60 -131.43 | 131.65 4.87 -89.06 | 137.49 4.70 -95.19 | 129.81 3.84 -94.01 |
| ASTRIA 10-13____ 23663 | 49.49 4.41 -6.58 | 62.18 4.99 -13.43 | 45.82 4.16 -4.35 | 36.38 3.47 0.00 | 49.98 4.63 0.00 | 45.72 4.13 0.00 | 48.35 4.24 -6.42 | 46.55 4.45 -2.65 | 49.66 5.18 0.00 | 51.79 5.57 -0.16 | 87.20 9.81 0.00 | 72.16 8.21 -5.01 | 95.76 10.86 0.00 | 96.83 10.84 0.00 | 113.61 12.77 0.00 | 162.72 18.41 0.00 | 121.61 13.14 0.00 | 56.33 6.16 0.00 | 53.81 5.58 -4.38 | 47.67 5.36 -2.33 | 51.64 4.49 -12.62 | 44.29 4.77 -1.79 | 42.22 4.62 0.00 | 35.71 3.75 0.00 |
| BARRETT 1-8____GRP4 24034 | 104.92 4.56 -61.85 | 107.79 5.08 -58.95 | 81.77 4.10 -40.36 | 36.90 3.44 -0.55 | 69.97 4.56 -20.06 | 45.82 3.95 -0.28 | 45.15 3.82 -3.64 | 57.08 4.11 -13.52 | 83.18 4.70 -34.00 | 99.96 4.85 -49.05 | 117.76 8.69 -31.68 | 124.54 7.57 -58.03 | 121.88 10.29 -26.69 | 118.39 10.55 -21.85 | 122.45 12.41 -9.20 | 164.28 17.89 -2.08 | 128.38 12.63 -7.29 | 123.63 5.96 -67.49 | 126.63 5.35 -77.44 | 122.49 4.91 -77.60 | 126.80 4.04 -88.24 | 127.00 4.22 -85.06 | 134.92 4.00 -93.31 | 127.65 3.51 -92.18 |
| BARRETT 9-12____GRP3 24033 | 104.92 4.56 -61.85 | 107.79 5.08 -58.95 | 81.77 4.10 -40.36 | 36.90 3.44 -0.55 | 69.97 4.56 -20.06 | 45.82 3.95 -0.28 | 45.15 3.82 -3.64 | 57.08 4.11 -13.52 | 83.18 4.70 -34.00 | 99.96 4.85 -49.05 | 117.76 8.69 -31.68 | 124.54 7.57 -58.03 | 121.88 10.29 -26.69 | 118.39 10.55 -21.85 | 122.45 12.41 -9.20 | 164.28 17.89 -2.08 | 128.38 12.63 -7.29 | 123.63 5.96 -67.49 | 126.63 5.35 -77.44 | 122.49 4.91 -77.60 | 126.80 4.04 -88.24 | 127.00 4.22 -85.06 | 134.92 4.00 -93.31 | 127.65 3.51 -92.18 |
| BARRETT_IC_1 23704 | 104.92 4.56 -61.85 | 107.79 5.08 -58.95 | 81.77 4.10 -40.36 | 36.90 3.44 -0.55 | 69.97 4.56 -20.06 | 45.82 3.95 -0.28 | 45.15 3.82 -3.64 | 57.08 4.11 -13.52 | 83.18 4.70 -34.00 | 99.96 4.85 -49.05 | 117.76 8.69 -31.68 | 124.54 7.57 -58.03 | 121.88 10.29 -26.69 | 118.39 10.55 -21.85 | 122.45 12.41 -9.20 | 164.28 17.89 -2.08 | 128.38 12.63 -7.29 | 123.63 5.96 -67.49 | 126.63 5.35 -77.44 | 122.49 4.91 -77.60 | 126.80 4.04 -88.24 | 127.00 4.22 -85.06 | 134.92 4.00 -93.31 | 127.65 3.51 -92.18 |
| BARRETT_IC_10 23701 | 104.92 4.56 -61.85 | 107.79 5.08 -58.95 | 81.77 4.10 -40.36 | 36.90 3.44 -0.55 | 69.97 4.56 -20.06 | 45.82 3.95 -0.28 | 45.15 3.82 -3.64 | 57.08 4.11 -13.52 | 83.18 4.70 -34.00 | 99.96 4.85 -49.05 | 117.76 8.69 -31.68 | 124.54 7.57 -58.03 | 121.88 10.29 -26.69 | 118.39 10.55 -21.85 | 122.45 12.41 -9.20 | 164.28 17.89 -2.08 | 128.38 12.63 -7.29 | 123.63 5.96 -67.49 | 126.63 5.35 -77.44 | 122.49 4.91 -77.60 | 126.80 4.04 -88.24 | 127.00 4.22 -85.06 | 134.92 4.00 -93.31 | 127.65 3.51 -92.18 |
| BARRETT_IC_11 23702 | 104.92 4.56 -61.85 | 107.79 5.08 -58.95 | 81.77 4.10 -40.36 | 36.90 3.44 -0.55 | 69.97 4.56 -20.06 | 45.82 3.95 -0.28 | 45.15 3.82 -3.64 | 57.08 4.11 -13.52 | 83.18 4.70 -34.00 | 99.96 4.85 -49.05 | 117.76 8.69 -31.68 | 124.54 7.57 -58.03 | 121.88 10.29 -26.69 | 118.39 10.55 -21.85 | 122.45 12.41 -9.20 | 164.28 17.89 -2.08 | 128.38 12.63 -7.29 | 123.63 5.96 -67.49 | 126.63 5.35 -77.44 | 122.49 4.91 -77.60 | 126.80 4.04 -88.24 | 127.00 4.22 -85.06 | 134.92 4.00 -93.31 | 127.65 3.51 -92.18 |
| BARRETT_IC_12 23703 | 104.92 4.56 -61.85 | 107.79 5.08 -58.95 | 81.77 4.10 -40.36 | 36.90 3.44 -0.55 | 69.97 4.56 -20.06 | 45.82 3.95 -0.28 | 45.15 3.82 -3.64 | 57.08 4.11 -13.52 | 83.18 4.70 -34.00 | 99.96 4.85 -49.05 | 117.76 8.69 -31.68 | 124.54 7.57 -58.03 | 121.88 10.29 -26.69 | 118.39 10.55 -21.85 | 122.45 12.41 -9.20 | 164.28 17.89 -2.08 | 128.38 12.63 -7.29 | 123.63 5.96 -67.49 | 126.63 5.35 -77.44 | 122.49 4.91 -77.60 | 126.80 4.04 -88.24 | 127.00 4.22 -85.06 | 134.92 4.00 -93.31 | 127.65 3.51 -92.18 |
| BARRETT_IC_2 23705 | 104.92 4.56 -61.85 | 107.79 5.08 -58.95 | 81.77 4.10 -40.36 | 36.90 3.44 -0.55 | 69.97 4.56 -20.06 | 45.82 3.95 -0.28 | 45.15 3.82 -3.64 | 57.08 4.11 -13.52 | 83.18 4.70 -34.00 | 99.96 4.85 -49.05 | 117.76 8.69 -31.68 | 124.54 7.57 -58.03 | 121.88 10.29 -26.69 | 118.39 10.55 -21.85 | 122.45 12.41 -9.20 | 164.28 17.89 -2.08 | 128.38 12.63 -7.29 | 123.63 5.96 -67.49 | 126.63 5.35 -77.44 | 122.49 4.91 -77.60 | 126.80 4.04 -88.24 | 127.00 4.22 -85.06 | 134.92 4.00 -93.31 | 127.65 3.51 -92.18 |
| BARRETT_IC_3 23706 | 104.92 4.56 -61.85 | 107.79 5.08 -58.95 | 81.77 4.10 -40.36 | 36.90 3.44 -0.55 | 69.97 4.56 -20.06 | 45.82 3.95 -0.28 | 45.15 3.82 -3.64 | 57.08 4.11 -13.52 | 83.18 4.70 -34.00 | 99.96 4.85 -49.05 | 117.76 8.69 -31.68 | 124.54 7.57 -58.03 | 121.88 10.29 -26.69 | 118.39 10.55 -21.85 | 122.45 12.41 -9.20 | 164.28 17.89 -2.08 | 128.38 12.63 -7.29 | 123.63 5.96 -67.49 | 126.63 5.35 -77.44 | 122.49 4.91 -77.60 | 126.80 4.04 -88.24 | 127.00 4.22 -85.06 | 134.92 4.00 -93.31 | 127.65 3.51 -92.18 |
| BARRETT_IC_4 23707 | 104.92 4.56 -61.85 | 107.79 5.08 -58.95 | 81.77 4.10 -40.36 | 36.90 3.44 -0.55 | 69.97 4.56 -20.06 | 45.82 3.95 -0.28 | 45.15 3.82 -3.64 | 57.08 4.11 -13.52 | 83.18 4.70 -34.00 | 99.96 4.85 -49.05 | 117.76 8.69 -31.68 | 124.54 7.57 -58.03 | 121.88 10.29 -26.69 | 118.39 10.55 -21.85 | 122.45 12.41 -9.20 | 164.28 17.89 -2.08 | 128.38 12.63 -7.29 | 123.63 5.96 -67.49 | 126.63 5.35 -77.44 | 122.49 4.91 -77.60 | 126.80 4.04 -88.24 | 127.00 4.22 -85.06 | 134.92 4.00 -93.31 | 127.65 3.51 -92.18 |
| BARRETT_IC_5 23708 | 104.92 4.56 -61.85 | 107.79 5.08 -58.95 | 81.77 4.10 -40.36 | 36.90 3.44 -0.55 | 69.97 4.56 -20.06 | 45.82 3.95 -0.28 | 45.15 3.82 -3.64 | 57.08 4.11 -13.52 | 83.18 4.70 -34.00 | 99.96 4.85 -49.05 | 117.76 8.69 -31.68 | 124.54 7.57 -58.03 | 121.88 10.29 -26.69 | 118.39 10.55 -21.85 | 122.45 12.41 -9.20 | 164.28 17.89 -2.08 | 128.38 12.63 -7.29 | 123.63 5.96 -67.49 | 126.63 5.35 -77.44 | 122.49 4.91 -77.60 | 126.80 4.04 -88.24 | 127.00 4.22 -85.06 | 134.92 4.00 -93.31 | 127.65 3.51 -92.18 |

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|-----------------------------|--------------------------|--------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| BARRETT_IC_6 23709 | 104.92 4.56 -61.85 | 107.79 5.08 -58.95 | 81.77 4.10 -40.36 | 36.90 3.44 -0.55 | 69.97 4.56 -20.06 | 45.82 3.95 -0.28 | 45.15 3.82 -3.64 | 57.08 4.11 -13.52 | 83.18 4.70 -34.00 | 99.96 4.85 -49.05 | 117.76 8.69 -31.68 | 124.54 7.57 -58.03 | 121.88 10.29 -26.69 | 118.39 10.55 -21.85 | 122.45 12.41 -9.20 | 164.28 17.89 -2.08 | 128.38 12.63 -7.29 | 123.63 5.96 -67.49 | 126.63 5.35 -77.44 | 122.49 4.91 -77.60 | 126.80 4.04 -88.24 | 127.00 4.22 -85.06 | 134.92 4.00 -93.31 | 127.65 3.51 -92.18 |
| BARRETT_IC_7 23710 | 104.92 4.56 -61.85 | 107.79 5.08 -58.95 | 81.77 4.10 -40.36 | 36.90 3.44 -0.55 | 69.97 4.56 -20.06 | 45.82 3.95 -0.28 | 45.15 3.82 -3.64 | 57.08 4.11 -13.52 | 83.18 4.70 -34.00 | 99.96 4.85 -49.05 | 117.76 8.69 -31.68 | 124.54 7.57 -58.03 | 121.88 10.29 -26.69 | 118.39 10.55 -21.85 | 122.45 12.41 -9.20 | 164.28 17.89 -2.08 | 128.38 12.63 -7.29 | 123.63 5.96 -67.49 | 126.63 5.35 -77.44 | 122.49 4.91 -77.60 | 126.80 4.04 -88.24 | 127.00 4.22 -85.06 | 134.92 4.00 -93.31 | 127.65 3.51 -92.18 |
| BARRETT_IC_8 23711 | 104.92 4.56 -61.85 | 107.79 5.08 -58.95 | 81.77 4.10 -40.36 | 36.90 3.44 -0.55 | 69.97 4.56 -20.06 | 45.82 3.95 -0.28 | 45.15 3.82 -3.64 | 57.08 4.11 -13.52 | 83.18 4.70 -34.00 | 99.96 4.85 -49.05 | 117.76 8.69 -31.68 | 124.54 7.57 -58.03 | 121.88 10.29 -26.69 | 118.39 10.55 -21.85 | 122.45 12.41 -9.20 | 164.28 17.89 -2.08 | 128.38 12.63 -7.29 | 123.63 5.96 -67.49 | 126.63 5.35 -77.44 | 122.49 4.91 -77.60 | 126.80 4.04 -88.24 | 127.00 4.22 -85.06 | 134.92 4.00 -93.31 | 127.65 3.51 -92.18 |
| BARRETT_IC_9 23700 | 104.92 4.56 -61.85 | 107.79 5.08 -58.95 | 81.77 4.10 -40.36 | 36.90 3.44 -0.55 | 69.97 4.56 -20.06 | 45.82 3.95 -0.28 | 45.15 3.82 -3.64 | 57.08 4.11 -13.52 | 83.18 4.70 -34.00 | 99.96 4.85 -49.05 | 117.76 8.69 -31.68 | 124.54 7.57 -58.03 | 121.88 10.29 -26.69 | 118.39 10.55 -21.85 | 122.45 12.41 -9.20 | 164.28 17.89 -2.08 | 128.38 12.63 -7.29 | 123.63 5.96 -67.49 | 126.63 5.35 -77.44 | 122.49 4.91 -77.60 | 126.80 4.04 -88.24 | 127.00 4.22 -85.06 | 134.92 4.00 -93.31 | 127.65 3.51 -92.18 |
| BARRETT___1 23545 | 104.52 4.17 -61.85 | 107.35 4.64 -58.95 | 81.40 3.73 -40.36 | 36.57 3.11 -0.55 | 69.55 4.14 -20.06 | 45.43 3.56 -0.28 | 44.79 3.46 -3.64 | 56.70 3.74 -13.52 | 82.75 4.27 -34.00 | 99.51 4.40 -49.05 | 117.00 7.93 -31.68 | 123.96 6.99 -58.03 | 121.06 9.47 -26.69 | 117.56 9.72 -21.85 | 121.46 11.42 -9.20 | 162.86 16.46 -2.08 | 127.32 11.56 -7.29 | 123.13 5.47 -67.49 | 126.20 4.92 -77.44 | 122.09 4.52 -77.60 | 126.46 3.70 -88.24 | 126.62 3.84 -85.06 | 134.54 3.63 -93.31 | 127.34 3.20 -92.18 |
| BARRETT___2 23546 | 104.71 4.35 -61.85 | 107.52 4.81 -58.95 | 81.58 3.91 -40.36 | 36.81 3.35 -0.55 | 69.79 4.39 -20.06 | 45.65 3.79 -0.28 | 44.92 3.59 -3.64 | 56.74 3.78 -13.52 | 82.79 4.32 -34.00 | 99.56 4.45 -49.05 | 117.07 8.00 -31.68 | 124.01 7.04 -58.03 | 121.14 9.55 -26.69 | 117.64 9.79 -21.85 | 121.57 11.53 -9.20 | 163.01 16.62 -2.08 | 127.44 11.68 -7.29 | 123.19 5.52 -67.49 | 126.25 4.96 -77.44 | 122.13 4.56 -77.60 | 126.49 3.73 -88.24 | 126.66 3.88 -85.06 | 134.57 3.66 -93.31 | 127.37 3.22 -92.18 |
| BEAVER RIVER___HYD 24048 | 38.25 -0.26 0.00 | 43.53 -0.42 -0.18 | 37.00 -0.30 0.00 | 32.56 -0.35 0.00 | 44.91 -0.44 0.00 | 41.55 -0.05 0.00 | 37.29 -0.40 0.00 | 38.68 -0.77 0.00 | 43.21 -1.26 0.00 | 45.08 -0.98 0.00 | 76.10 -1.28 0.00 | 57.77 -1.25 -0.08 | 84.25 -0.65 0.00 | 84.69 -1.30 0.00 | 99.37 -1.47 0.00 | 142.34 -1.98 0.00 | 108.65 0.18 0.00 | 49.48 -0.69 0.00 | 42.93 -0.92 0.00 | 39.37 -0.65 -0.04 | 34.03 -0.70 -0.21 | 37.35 -0.40 -0.03 | 37.53 -0.06 0.00 | 31.79 -0.18 0.00 |
| BEEBEE_GT_13 23619 | 38.84 0.34 0.00 | 45.11 0.02 -1.33 | 37.30 0.00 0.00 | 32.95 0.04 0.00 | 45.20 -0.15 0.00 | 41.73 0.13 0.00 | 37.78 0.09 0.00 | 39.90 0.46 0.00 | 45.18 0.71 0.00 | 47.60 1.53 0.00 | 80.35 2.96 0.00 | 61.19 1.65 -0.60 | 88.48 3.58 0.00 | 89.82 3.82 0.00 | 105.70 4.85 0.00 | 151.27 6.95 0.00 | 114.43 5.96 0.00 | 52.29 2.12 0.00 | 45.39 1.54 0.00 | 41.41 1.15 -0.28 | 36.77 0.72 -1.53 | 38.85 0.91 -0.22 | 38.30 0.70 0.00 | 32.29 0.33 0.00 |
| BETHLEHEM___STEEL 23779 | 38.13 -0.37 0.00 | 44.61 -0.91 -1.76 | 36.06 -1.25 0.00 | 31.91 -1.00 0.00 | 43.83 -1.52 0.00 | 40.12 -1.47 0.00 | 36.41 -1.28 0.00 | 37.92 -1.53 0.00 | 42.56 -1.91 0.00 | 44.38 -1.69 0.00 | 75.18 -2.21 0.00 | 59.27 -0.49 -0.82 | 84.37 -0.53 0.00 | 86.78 0.79 0.00 | 101.73 0.89 0.00 | 145.78 1.46 0.00 | 109.02 0.55 0.00 | 51.02 0.85 0.00 | 44.72 0.88 0.00 | 40.68 0.32 -0.38 | 36.85 0.25 -2.08 | 38.60 0.59 -0.30 | 38.34 0.74 0.00 | 32.49 0.52 0.00 |
| BINGHAMTON___COGEN 23790 | 39.93 1.43 0.00 | 48.53 1.24 -3.52 | 38.21 0.90 0.00 | 33.62 0.71 0.00 | 46.40 1.04 0.00 | 42.46 0.87 0.00 | 38.68 0.99 0.00 | 40.55 1.10 0.00 | 45.92 1.44 0.00 | 47.46 1.40 0.00 | 80.20 2.81 0.00 | 63.30 2.73 -1.64 | 88.40 3.50 0.00 | 89.57 3.57 0.00 | 104.97 4.13 0.00 | 150.26 5.95 0.00 | 113.01 4.55 0.00 | 52.70 2.52 0.00 | 45.92 2.07 0.00 | 42.66 1.91 -0.76 | 40.34 1.68 -4.14 | 40.13 1.82 -0.59 | 39.37 1.77 0.00 | 33.37 1.41 0.00 |
| BLACK RIVER___HYD 24047 | 38.08 -0.42 0.00 | 43.34 -0.80 -0.38 | 36.72 -0.59 0.00 | 32.28 -0.63 0.00 | 44.60 -0.75 0.00 | 41.37 -0.22 0.00 | 36.98 -0.71 0.00 | 38.00 -1.45 0.00 | 42.25 -2.22 0.00 | 44.14 -1.92 0.00 | 74.56 -2.83 0.00 | 56.61 -2.50 -0.17 | 82.81 -2.08 0.00 | 83.17 -2.83 0.00 | 97.66 -3.18 0.00 | 139.97 -4.34 0.00 | 107.21 -1.26 0.00 | 48.70 -1.47 0.00 | 42.15 -1.69 0.00 | 38.78 -1.28 -0.08 | 33.67 -1.29 -0.44 | 37.09 -0.69 -0.06 | 37.42 -0.18 0.00 | 31.59 -0.38 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 39.50 1.00 0.00 | 58.54 1.36 -13.42 | 38.66 1.36 0.00 | 34.13 1.22 0.00 | 46.97 1.62 0.00 | 43.10 1.51 0.00 | 38.70 1.01 0.00 | 40.52 1.08 0.00 | 45.61 1.13 0.00 | 47.05 0.99 0.00 | 78.69 1.30 0.00 | 65.47 0.23 -6.30 | 85.54 0.64 0.00 | 85.85 -0.14 0.00 | 100.74 -0.10 0.00 | 144.26 -0.06 0.00 | 109.06 0.59 0.00 | 49.86 -0.32 0.00 | 43.62 -0.22 0.00 | 43.05 0.14 -2.94 | 50.53 0.06 -15.94 | 39.93 -0.05 -2.26 | 37.57 -0.03 0.00 | 32.16 0.19 0.00 |
| BOC_GAS_DRP 24189 | 39.28 0.78 0.00 | 58.57 1.22 -13.59 | 38.62 1.32 0.00 | 34.12 1.21 0.00 | 46.98 1.63 0.00 | 43.14 1.55 0.00 | 38.78 1.09 0.00 | 40.54 1.09 0.00 | 45.58 1.11 0.00 | 46.97 0.91 0.00 | 78.45 1.07 0.00 | 65.27 -0.03 -6.36 | 85.14 0.24 0.00 | 85.41 -0.58 0.00 | 100.23 -0.61 0.00 | 143.55 -0.77 0.00 | 108.53 0.07 0.00 | 49.63 -0.55 0.00 | 43.44 -0.41 0.00 | 42.92 -0.03 -2.97 | 50.60 -0.04 -16.12 | 39.87 -0.14 -2.29 | 37.51 -0.09 0.00 | 32.14 0.18 0.00 |
| BOWLINE___1 23526 | 41.63 3.13 0.00 | 57.38 3.18 -10.43 | 39.80 2.50 0.00 | 34.97 2.06 0.00 | 47.94 2.59 0.00 | 43.74 2.15 0.00 | 39.99 2.30 0.00 | 42.04 2.60 0.00 | 47.67 3.20 0.00 | 49.56 3.49 0.00 | 83.99 6.61 0.00 | 70.12 6.30 -4.88 | 93.54 8.64 0.00 | 95.07 9.07 0.00 | 111.42 10.58 0.00 | 159.63 15.32 0.00 | 119.24 10.77 0.00 | 55.43 5.26 0.00 | 48.62 4.78 0.00 | 46.54 4.29 -2.27 | 50.41 3.56 -12.32 | 43.27 3.79 -1.76 | 41.25 3.65 0.00 | 34.80 2.84 0.00 |
| BOWLINE___2 23595 | 41.61 3.11 0.00 | 57.38 3.18 -10.44 | 39.80 2.49 0.00 | 34.97 2.06 0.00 | 47.93 2.58 0.00 | 43.74 2.14 0.00 | 39.99 2.30 0.00 | 42.04 2.60 0.00 | 47.67 3.19 0.00 | 49.55 3.49 0.00 | 83.99 6.60 0.00 | 70.12 6.29 -4.89 | 93.53 8.63 0.00 | 95.06 9.06 0.00 | 111.40 10.56 0.00 | 159.62 15.30 0.00 | 119.23 10.76 0.00 | 55.42 5.25 0.00 | 48.62 4.77 0.00 | 46.54 4.28 -2.27 | 50.41 3.56 -12.33 | 43.26 3.79 -1.76 | 41.25 3.65 0.00 | 34.80 2.84 0.00 |
| BROOKHAVEN___DRP 24191 | 103.96 3.61 -61.85 | 106.96 4.25 -58.95 | 81.66 3.99 -40.36 | 37.23 3.77 -0.55 | 70.37 4.96 -20.06 | 45.95 4.08 -0.28 | 44.99 3.65 -3.64 | 56.96 3.99 -13.52 | 82.99 4.51 -34.00 | 98.91 3.80 -49.05 | 115.62 6.56 -31.68 | 123.11 6.14 -58.03 | 120.42 8.83 -26.69 | 117.33 9.49 -21.85 | 120.51 10.47 -9.20 | 161.22 14.83 -2.08 | 125.88 10.12 -7.29 | 122.39 4.72 -67.49 | 125.50 4.21 -77.44 | 121.27 3.70 -77.60 | 125.66 2.90 -88.24 | 125.65 2.88 -85.06 | 133.73 2.82 -93.31 | 126.58 2.43 -92.18 |

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| BROOKLYN_NAVY_YARD 23515 | 42.66 4.16 0.00 | 58.94 4.51 -10.66 | 40.98 3.67 0.00 | 36.00 3.08 0.00 | 49.40 4.05 0.00 | 45.11 3.52 0.00 | 41.36 3.67 0.00 | 43.48 4.04 0.00 | 49.23 4.75 0.00 | 51.18 5.12 0.00 | 86.59 9.20 0.00 | 71.95 8.00 -5.01 | 95.81 10.91 0.00 | 96.96 10.96 0.00 | 113.49 12.65 0.00 | 162.57 18.26 0.00 | 121.58 13.11 0.00 | 56.42 6.24 0.00 | 49.41 5.57 0.00 | 47.49 5.18 -2.33 | 51.44 4.29 -12.62 | 44.06 4.55 -1.79 | 41.96 4.36 0.00 | 35.45 3.49 0.00 |
| BURROWS___LYONSDAL 23803 | 38.93 0.42 0.00 | 44.17 0.39 -0.02 | 37.67 0.36 0.00 | 33.19 0.28 0.00 | 45.72 0.37 0.00 | 42.12 0.53 0.00 | 37.99 0.30 0.00 | 39.62 0.18 0.00 | 44.44 -0.04 0.00 | 46.18 0.11 0.00 | 77.85 0.46 0.00 | 59.22 0.26 -0.02 | 85.84 0.94 0.00 | 86.61 0.61 0.00 | 101.56 0.72 0.00 | 145.32 1.01 0.00 | 110.11 1.64 0.00 | 50.57 0.39 0.00 | 44.05 0.20 0.00 | 40.27 0.28 -0.01 | 34.71 0.14 -0.04 | 38.02 0.30 0.00 | 38.07 0.47 0.00 | 32.29 0.33 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 104.68 4.33 -61.85 | 107.51 4.79 -58.95 | 81.61 3.94 -40.36 | 36.84 3.38 -0.55 | 69.86 4.45 -20.06 | 45.70 3.83 -0.28 | 45.10 3.76 -3.64 | 57.08 4.12 -13.52 | 83.30 4.82 -34.00 | 100.09 4.98 -49.05 | 117.93 8.86 -31.68 | 124.71 7.74 -58.03 | 122.22 10.63 -26.69 | 118.73 10.88 -21.85 | 122.66 12.62 -9.20 | 164.56 18.17 -2.08 | 128.64 12.88 -7.29 | 123.78 6.11 -67.49 | 126.79 5.50 -77.44 | 122.62 5.04 -77.60 | 126.94 4.18 -88.24 | 127.17 4.39 -85.06 | 135.19 4.28 -93.31 | 127.68 3.53 -92.18 |
| CALSPAN___DRP 24200 | 38.13 -0.37 0.00 | 44.61 -0.91 -1.76 | 36.06 -1.25 0.00 | 31.91 -1.00 0.00 | 43.83 -1.52 0.00 | 40.12 -1.47 0.00 | 36.41 -1.28 0.00 | 37.92 -1.53 0.00 | 42.56 -1.91 0.00 | 44.38 -1.69 0.00 | 75.18 -2.21 0.00 | 59.27 -0.49 -0.82 | 84.37 -0.53 0.00 | 86.78 0.79 0.00 | 101.73 0.89 0.00 | 145.78 1.46 0.00 | 109.02 0.55 0.00 | 51.02 0.85 0.00 | 44.72 0.78 0.00 | 40.68 0.32 -0.38 | 36.85 0.25 -2.08 | 38.60 0.59 -0.30 | 38.34 0.74 0.00 | 32.49 0.52 0.00 |
| CARR STREET_E_SYR 24060 | 37.73 -0.77 0.00 | 43.70 -1.00 -0.94 | 36.45 -0.86 0.00 | 32.20 -0.71 0.00 | 44.34 -1.01 0.00 | 40.71 -0.89 0.00 | 36.74 -0.95 0.00 | 38.31 -1.14 0.00 | 43.10 -1.37 0.00 | 44.68 -1.38 0.00 | 75.19 -2.20 0.00 | 57.59 -1.76 -0.42 | 82.55 -2.35 0.00 | 83.71 -2.29 0.00 | 98.11 -2.73 0.00 | 140.12 -4.19 0.00 | 105.57 -2.90 0.00 | 48.86 -1.31 0.00 | 42.72 -1.13 0.00 | 39.09 -1.08 -0.19 | 34.60 -0.98 -1.06 | 36.87 -1.01 -0.16 | 36.72 -0.88 0.00 | 31.09 -0.87 0.00 |
| CARTHAGE___PAPER 23857 | 38.08 -0.42 0.00 | 43.31 -0.80 -0.35 | 36.72 -0.59 0.00 | 32.28 -0.63 0.00 | 44.60 -0.75 0.00 | 41.37 -0.22 0.00 | 36.98 -0.71 0.00 | 38.00 -1.45 0.00 | 42.25 -2.22 0.00 | 44.14 -1.92 0.00 | 74.56 -2.83 0.00 | 56.59 -2.50 -0.15 | 82.81 -2.08 0.00 | 83.17 -2.83 0.00 | 97.66 -3.18 0.00 | 139.97 -4.34 0.00 | 107.21 -1.26 0.00 | 48.70 -1.47 0.00 | 42.15 -1.69 0.00 | 38.77 -1.28 -0.07 | 33.61 -1.29 -0.38 | 37.08 -0.69 -0.06 | 37.42 -0.18 0.00 | 31.59 -0.38 0.00 |
| CE_DUNWOOD___DRP 24194 | 42.38 3.88 0.00 | 58.68 4.26 -10.65 | 40.76 3.46 0.00 | 35.81 2.90 0.00 | 49.08 3.72 0.00 | 44.82 3.23 0.00 | 41.02 3.32 0.00 | 43.08 3.63 0.00 | 48.80 4.32 0.00 | 50.68 4.62 0.00 | 85.68 8.30 0.00 | 71.23 7.29 -5.00 | 94.84 9.94 0.00 | 96.11 10.11 0.00 | 112.63 11.79 0.00 | 161.35 17.04 0.00 | 120.61 12.15 0.00 | 55.98 5.81 0.00 | 49.02 5.18 0.00 | 47.08 4.78 -2.32 | 51.09 3.96 -12.60 | 43.71 4.20 -1.79 | 41.68 4.08 0.00 | 35.24 3.27 0.00 |
| CE_MILLWOOD___DRP 24193 | 42.07 3.57 0.00 | 58.34 3.94 -10.64 | 40.47 3.16 0.00 | 35.56 2.65 0.00 | 48.78 3.43 0.00 | 44.56 2.96 0.00 | 40.75 3.06 0.00 | 42.80 3.35 0.00 | 48.48 4.00 0.00 | 50.33 4.27 0.00 | 85.07 7.68 0.00 | 70.73 6.81 -4.98 | 94.16 9.26 0.00 | 95.44 9.44 0.00 | 111.85 11.01 0.00 | 160.24 15.92 0.00 | 119.78 11.31 0.00 | 55.60 5.43 0.00 | 48.70 4.85 0.00 | 46.76 4.47 -2.32 | 50.82 3.73 -12.57 | 43.46 3.95 -1.79 | 41.40 3.80 0.00 | 35.01 3.04 0.00 |
| CE_NYC2_DRP 24202 | 49.49 4.41 -6.58 | 62.16 4.97 -13.43 | 45.80 4.14 -4.35 | 36.37 3.46 0.00 | 49.95 4.59 0.00 | 45.68 4.09 0.00 | 48.30 4.19 -6.42 | 46.52 4.42 -2.65 | 49.63 5.15 0.00 | 51.75 5.53 -0.16 | 87.14 9.75 0.00 | 72.20 8.25 -5.01 | 95.99 11.10 0.00 | 97.09 11.09 0.00 | 113.89 13.05 0.00 | 163.14 18.82 0.00 | 122.01 13.54 0.00 | 56.58 6.40 0.00 | 53.92 5.69 -4.38 | 47.66 5.36 -2.33 | 51.59 4.44 -12.62 | 44.23 4.72 -1.79 | 42.19 4.59 0.00 | 35.69 3.73 0.00 |
| CE_NYC_DRP 24195 | 42.88 4.38 0.00 | 59.30 4.88 -10.66 | 41.28 3.97 0.00 | 36.25 3.34 0.00 | 49.69 4.33 0.00 | 45.40 3.80 0.00 | 41.60 3.91 0.00 | 43.71 4.27 0.00 | 49.50 5.02 0.00 | 51.47 5.41 0.00 | 87.05 9.67 0.00 | 72.29 8.35 -5.01 | 96.26 11.36 0.00 | 97.42 11.42 0.00 | 114.13 13.29 0.00 | 163.50 19.19 0.00 | 122.22 13.75 0.00 | 56.71 6.54 0.00 | 49.66 5.81 0.00 | 47.73 5.42 -2.33 | 51.67 4.52 -12.62 | 44.32 4.81 -1.79 | 42.23 4.63 0.00 | 35.68 3.71 0.00 |
| CH_MIDHUDSON___DRP 24192 | 41.41 2.91 0.00 | 58.41 3.27 -11.38 | 39.88 2.57 0.00 | 35.08 2.17 0.00 | 48.19 2.84 0.00 | 43.94 2.35 0.00 | 40.05 2.36 0.00 | 42.13 2.69 0.00 | 47.72 3.25 0.00 | 49.36 3.29 0.00 | 83.22 5.83 0.00 | 69.45 5.20 -5.31 | 91.75 6.85 0.00 | 92.73 6.73 0.00 | 108.68 7.84 0.00 | 155.83 11.52 0.00 | 116.22 7.75 0.00 | 53.78 3.61 0.00 | 47.43 3.59 0.00 | 45.75 3.32 -2.46 | 50.60 2.76 -13.32 | 42.63 3.02 -1.89 | 40.54 2.94 0.00 | 34.40 2.44 0.00 |
| CH_MISC_IPPS 23765 | 41.83 3.33 0.00 | 58.52 3.76 -10.99 | 40.27 2.96 0.00 | 35.40 2.49 0.00 | 48.53 3.18 0.00 | 44.18 2.59 0.00 | 40.29 2.60 0.00 | 42.46 3.02 0.00 | 48.17 3.69 0.00 | 49.91 3.85 0.00 | 84.28 6.89 0.00 | 70.21 6.14 -5.13 | 93.12 8.22 0.00 | 94.16 8.16 0.00 | 110.38 9.54 0.00 | 158.26 13.95 0.00 | 118.07 9.61 0.00 | 54.61 4.44 0.00 | 48.16 4.44 0.00 | 46.31 4.32 -2.38 | 50.71 3.29 -12.90 | 43.14 3.59 -1.83 | 41.02 3.42 0.00 | 34.73 2.77 0.00 |
| CH_RES_BVR_FALLS 23983 | 38.17 -0.33 0.00 | 42.87 -0.33 0.57 | 37.04 -0.27 0.00 | 32.68 -0.23 0.00 | 45.05 -0.30 0.00 | 41.32 -0.27 0.00 | 37.45 -0.24 0.00 | 39.21 -0.24 0.00 | 44.19 -0.29 0.00 | 45.79 -0.27 0.00 | 76.89 -0.49 0.00 | 58.28 -0.41 0.25 | 84.35 -0.55 0.00 | 85.41 -0.59 0.00 | 100.16 -0.68 0.00 | 143.43 -0.89 0.00 | 107.97 -0.49 0.00 | 49.87 -0.30 0.00 | 43.53 -0.31 0.00 | 39.58 -0.28 0.12 | 33.63 -0.25 0.64 | 37.33 -0.29 0.10 | 37.30 -0.30 0.00 | 31.74 -0.23 0.00 |
| CH_RES_NIAGARA 23895 | 37.72 -0.78 0.00 | 44.07 -1.29 -1.60 | 35.74 -1.57 0.00 | 31.68 -1.23 0.00 | 43.51 -1.84 0.00 | 39.78 -1.81 0.00 | 35.93 -1.77 0.00 | 37.13 -2.32 0.00 | 41.31 -3.17 0.00 | 43.00 -3.06 0.00 | 72.67 -4.71 0.00 | 57.17 -2.52 -0.76 | 81.48 -3.41 0.00 | 83.99 -2.01 0.00 | 98.49 -2.35 0.00 | 141.26 -3.06 0.00 | 105.58 -2.89 0.00 | 49.50 -0.67 0.00 | 43.55 -0.30 0.00 | 39.54 -0.79 -0.35 | 35.77 -0.67 -1.91 | 37.73 -0.26 -0.27 | 37.71 0.11 0.00 | 32.09 0.13 0.00 |
| CH_RES_SYRACUSE 23985 | 37.05 -1.46 0.00 | 43.03 -1.76 -1.02 | 35.79 -1.51 0.00 | 31.68 -1.24 0.00 | 43.64 -1.71 0.00 | 40.08 -1.52 0.00 | 36.20 -1.49 0.00 | 37.69 -1.76 0.00 | 42.45 -2.03 0.00 | 44.06 -2.01 0.00 | 74.12 -3.27 0.00 | 56.84 -2.60 -0.50 | 81.31 -3.59 0.00 | 82.54 -3.46 0.00 | 96.75 -4.09 0.00 | 138.36 -5.96 0.00 | 104.18 -4.29 0.00 | 48.24 -1.93 0.00 | 42.17 -1.68 0.00 | 38.61 -1.60 -0.23 | 34.36 -1.42 -1.25 | 36.42 -1.47 -0.17 | 36.14 -1.46 0.00 | 30.67 -1.30 0.00 |
| CORNELL____ 23752 | 38.84 0.34 0.00 | 46.01 0.28 -1.96 | 37.43 0.12 0.00 | 33.09 0.17 0.00 | 44.64 -0.71 0.00 | 40.57 -1.02 0.00 | 37.05 -0.64 0.00 | 39.29 -0.15 0.00 | 44.75 0.27 0.00 | 46.84 0.78 0.00 | 79.28 1.89 0.00 | 61.57 1.72 -0.91 | 87.78 2.88 0.00 | 89.51 3.51 0.00 | 104.87 4.03 0.00 | 149.68 5.37 0.00 | 112.68 4.21 0.00 | 52.15 1.97 0.00 | 45.02 1.18 0.00 | 41.26 0.86 -0.43 | 37.41 0.57 -2.31 | 38.88 0.84 -0.33 | 38.31 0.71 0.00 | 32.52 0.55 0.00 |

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|------------------------------|--------------------------|--------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| COXSACKIE___GT 23611 | 41.12 2.61 0.00 | 58.96 2.83 -12.36 | 39.70 2.39 0.00 | 35.01 2.10 0.00 | 48.18 2.83 0.00 | 44.01 2.41 0.00 | 39.94 2.25 0.00 | 41.92 2.48 0.00 | 47.56 3.09 0.00 | 49.20 3.13 0.00 | 82.52 5.13 0.00 | 68.65 3.95 -5.77 | 91.43 6.53 0.00 | 93.19 7.19 0.00 | 108.96 8.12 0.00 | 156.34 12.03 0.00 | 116.80 8.34 0.00 | 54.04 3.87 0.00 | 47.29 3.44 0.00 | 45.95 3.14 -2.83 | 52.59 2.70 -15.37 | 42.31 2.41 -2.18 | 39.48 1.88 0.00 | 34.19 2.23 0.00 |
| CRESCENT___HYD 24018 | 40.00 1.50 0.00 | 59.48 2.07 -13.64 | 39.48 2.18 0.00 | 34.86 1.95 0.00 | 48.05 2.70 0.00 | 44.16 2.57 0.00 | 39.76 2.07 0.00 | 41.51 2.06 0.00 | 46.77 2.30 0.00 | 48.11 2.04 0.00 | 80.26 2.87 0.00 | 66.68 1.33 -6.41 | 87.13 2.24 0.00 | 87.56 1.57 0.00 | 102.91 2.07 0.00 | 147.73 3.42 0.00 | 111.23 2.76 0.00 | 50.94 0.77 0.00 | 44.52 0.67 0.00 | 43.98 1.01 -2.99 | 51.68 0.92 -16.23 | 40.94 0.90 -2.32 | 38.53 0.93 0.00 | 32.98 1.02 0.00 |
| CRUCIBLE_METL_DRP 24180 | 37.05 -1.46 0.00 | 43.03 -1.76 -1.02 | 35.79 -1.51 0.00 | 31.68 -1.24 0.00 | 43.64 -1.71 0.00 | 40.08 -1.52 0.00 | 36.20 -1.49 0.00 | 37.69 -1.76 0.00 | 42.45 -2.03 0.00 | 44.06 -2.01 0.00 | 74.12 -3.27 0.00 | 56.84 -2.60 -0.50 | 81.31 -3.59 0.00 | 82.54 -3.46 0.00 | 96.75 -4.09 0.00 | 138.36 -5.96 0.00 | 104.18 -4.29 0.00 | 48.24 -1.93 0.00 | 42.17 -1.68 0.00 | 38.61 -1.60 -0.23 | 34.36 -1.42 -1.25 | 36.42 -1.47 -0.17 | 36.14 -1.46 0.00 | 30.67 -1.30 0.00 |
| CSC___481_PGEN 24222 | 103.87 3.52 -61.85 | 106.62 4.17 -58.68 | 81.61 3.94 -40.36 | 37.18 3.72 -0.55 | 70.27 4.87 -20.06 | 45.87 4.00 -0.28 | 44.91 3.58 -3.64 | 56.88 3.92 -13.52 | 82.84 4.37 -34.00 | 98.68 3.57 -49.05 | 115.23 6.17 -31.68 | 122.54 5.85 -57.74 | 120.03 8.44 -26.69 | 116.93 9.08 -21.85 | 119.97 9.93 -9.20 | 160.40 14.00 -2.08 | 125.22 9.46 -7.29 | 126.43 4.41 -71.85 | 128.41 3.93 -80.63 | 121.01 3.44 -77.60 | 127.68 2.68 -90.47 | 125.42 2.64 -85.06 | 154.08 2.58 -113.90 | 163.09 2.25 -128.87 |
| DANSKAMMER___1 23586 | 41.53 3.03 0.00 | 58.18 3.42 -10.99 | 40.08 2.78 0.00 | 35.15 2.24 0.00 | 48.17 2.82 0.00 | 43.77 2.18 0.00 | 39.89 2.19 0.00 | 42.01 2.56 0.00 | 47.63 3.16 0.00 | 49.35 3.28 0.00 | 83.33 5.94 0.00 | 69.49 5.42 -5.13 | 92.08 7.18 0.00 | 93.09 7.09 0.00 | 109.12 8.28 0.00 | 156.43 12.12 0.00 | 116.77 8.30 0.00 | 54.01 3.84 0.00 | 47.64 3.79 0.00 | 45.83 3.48 -2.38 | 50.30 2.87 -12.90 | 42.69 3.14 -1.83 | 40.59 2.99 0.00 | 34.37 2.41 0.00 |
| DANSKAMMER___2 23589 | 41.53 3.03 0.00 | 58.18 3.42 -10.99 | 40.08 2.78 0.00 | 35.15 2.24 0.00 | 48.17 2.82 0.00 | 43.77 2.18 0.00 | 39.89 2.19 0.00 | 42.01 2.56 0.00 | 47.63 3.16 0.00 | 49.35 3.28 0.00 | 83.33 5.94 0.00 | 69.49 5.42 -5.13 | 92.08 7.18 0.00 | 93.09 7.09 0.00 | 109.12 8.28 0.00 | 156.43 12.12 0.00 | 116.77 8.30 0.00 | 54.01 3.84 0.00 | 47.64 3.79 0.00 | 45.83 3.48 -2.38 | 50.30 2.87 -12.90 | 42.69 3.14 -1.83 | 40.59 2.99 0.00 | 34.37 2.41 0.00 |
| DANSKAMMER___3 23590 | 41.53 3.03 0.00 | 58.18 3.42 -10.99 | 40.08 2.78 0.00 | 35.15 2.24 0.00 | 48.17 2.82 0.00 | 43.77 2.18 0.00 | 39.89 2.19 0.00 | 42.01 2.56 0.00 | 47.63 3.16 0.00 | 49.35 3.28 0.00 | 83.33 5.94 0.00 | 69.49 5.42 -5.13 | 92.08 7.18 0.00 | 93.09 7.09 0.00 | 109.12 8.28 0.00 | 156.43 12.12 0.00 | 116.77 8.30 0.00 | 54.01 3.84 0.00 | 47.64 3.79 0.00 | 45.83 3.48 -2.38 | 50.30 2.87 -12.90 | 42.69 3.14 -1.83 | 40.59 2.99 0.00 | 34.37 2.41 0.00 |
| DANSKAMMER___4 23591 | 41.53 3.03 0.00 | 58.18 3.42 -10.99 | 40.08 2.78 0.00 | 35.15 2.24 0.00 | 48.17 2.82 0.00 | 43.77 2.18 0.00 | 39.89 2.19 0.00 | 42.01 2.56 0.00 | 47.63 3.16 0.00 | 49.35 3.28 0.00 | 83.33 5.94 0.00 | 69.49 5.42 -5.13 | 92.08 7.18 0.00 | 93.09 7.09 0.00 | 109.12 8.28 0.00 | 156.43 12.12 0.00 | 116.77 8.30 0.00 | 54.01 3.84 0.00 | 47.64 3.79 0.00 | 45.83 3.48 -2.38 | 50.30 2.87 -12.90 | 42.69 3.14 -1.83 | 40.59 2.99 0.00 | 34.37 2.41 0.00 |
| DANSKAMMER___DIESEL 23592 | 41.53 3.03 0.00 | 58.18 3.42 -10.99 | 40.08 2.78 0.00 | 35.15 2.24 0.00 | 48.17 2.82 0.00 | 43.77 2.18 0.00 | 39.89 2.19 0.00 | 42.01 2.56 0.00 | 47.63 3.16 0.00 | 49.35 3.28 0.00 | 83.33 5.94 0.00 | 69.49 5.42 -5.13 | 92.08 7.18 0.00 | 93.09 7.09 0.00 | 109.12 8.28 0.00 | 156.43 12.12 0.00 | 116.77 8.30 0.00 | 54.01 3.84 0.00 | 47.64 3.79 0.00 | 45.83 3.48 -2.38 | 50.30 2.87 -12.90 | 42.69 3.14 -1.83 | 40.59 2.99 0.00 | 34.37 2.41 0.00 |
| DASHVILLE___HYD 23610 | 41.77 3.27 0.00 | 58.48 3.68 -11.04 | 40.19 2.88 0.00 | 35.33 2.42 0.00 | 48.44 3.08 0.00 | 44.14 2.55 0.00 | 40.26 2.57 0.00 | 42.37 2.92 0.00 | 48.01 3.53 0.00 | 49.70 3.63 0.00 | 83.79 6.40 0.00 | 69.67 5.56 -5.17 | 92.19 7.29 0.00 | 92.98 6.98 0.00 | 108.95 8.11 0.00 | 156.15 11.83 0.00 | 116.55 8.08 0.00 | 54.07 3.90 0.00 | 47.97 4.13 0.00 | 46.18 3.80 -2.40 | 50.72 3.15 -13.04 | 43.05 3.48 -1.86 | 40.99 3.39 0.00 | 34.66 2.69 0.00 |
| DOGLEVILLE___HYD 23807 | 41.90 3.39 0.00 | 47.34 3.80 0.23 | 40.60 3.29 0.00 | 35.68 2.77 0.00 | 49.06 3.71 0.00 | 44.69 3.10 0.00 | 40.80 3.11 0.00 | 42.88 3.44 0.00 | 48.80 4.32 0.00 | 50.25 4.18 0.00 | 84.51 7.12 0.00 | 64.90 6.09 0.12 | 92.98 8.09 0.00 | 94.30 8.30 0.00 | 110.70 9.86 0.00 | 159.02 14.71 0.00 | 118.60 10.13 0.00 | 55.19 5.02 0.00 | 48.31 4.46 0.00 | 44.12 4.20 0.06 | 37.94 3.72 0.31 | 41.60 3.92 0.04 | 41.27 3.67 0.00 | 34.96 3.00 0.00 |
| DUNKIRK___1 23563 | 36.46 -2.04 0.00 | 42.58 -2.99 -1.81 | 34.44 -2.87 0.00 | 30.40 -2.51 0.00 | 41.90 -3.45 0.00 | 38.15 -3.45 0.00 | 34.76 -2.93 0.00 | 36.77 -2.68 0.00 | 41.93 -2.54 0.00 | 43.68 -2.39 0.00 | 74.20 -3.19 0.00 | 58.82 -0.98 -0.86 | 83.41 -1.48 0.00 | 85.31 -0.69 0.00 | 99.78 -1.06 0.00 | 142.73 -1.58 0.00 | 106.92 -1.54 0.00 | 50.07 -0.10 0.00 | 43.64 -0.21 0.00 | 39.81 -0.57 -0.40 | 36.37 -0.33 -2.18 | 37.71 -0.31 -0.30 | 37.38 -0.22 0.00 | 31.43 -0.53 0.00 |
| DUNKIRK___2 23564 | 36.46 -2.04 0.00 | 42.58 -2.99 -1.81 | 34.44 -2.87 0.00 | 30.40 -2.51 0.00 | 41.90 -3.45 0.00 | 38.15 -3.45 0.00 | 34.76 -2.93 0.00 | 36.77 -2.68 0.00 | 41.93 -2.54 0.00 | 43.68 -2.39 0.00 | 74.20 -3.19 0.00 | 58.82 -0.98 -0.86 | 83.41 -1.48 0.00 | 85.31 -0.69 0.00 | 99.78 -1.06 0.00 | 142.73 -1.58 0.00 | 106.92 -1.54 0.00 | 50.07 -0.10 0.00 | 43.64 -0.21 0.00 | 39.81 -0.57 -0.40 | 36.37 -0.33 -2.18 | 37.71 -0.31 -0.30 | 37.38 -0.22 0.00 | 31.43 -0.53 0.00 |
| DUNKIRK___3 23565 | 36.88 -1.62 0.00 | 43.12 -2.46 -1.82 | 34.87 -2.44 0.00 | 30.80 -2.12 0.00 | 42.38 -2.98 0.00 | 38.66 -2.93 0.00 | 35.19 -2.50 0.00 | 37.02 -2.43 0.00 | 41.99 -2.49 0.00 | 43.74 -2.33 0.00 | 74.24 -3.15 0.00 | 58.78 -1.03 -0.87 | 83.43 -1.46 0.00 | 85.47 -0.53 0.00 | 100.04 -0.80 0.00 | 143.18 -1.14 0.00 | 107.21 -1.26 0.00 | 50.19 0.01 0.00 | 43.81 -0.03 0.00 | 39.95 -0.44 -0.41 | 36.44 -0.28 -2.19 | 37.83 -0.19 -0.31 | 37.52 -0.08 0.00 | 31.66 -0.31 0.00 |
| DUNKIRK___4 23566 | 36.88 -1.62 0.00 | 43.12 -2.46 -1.82 | 34.87 -2.44 0.00 | 30.80 -2.12 0.00 | 42.38 -2.98 0.00 | 38.66 -2.93 0.00 | 35.19 -2.50 0.00 | 37.02 -2.43 0.00 | 41.99 -2.49 0.00 | 43.74 -2.33 0.00 | 74.24 -3.15 0.00 | 58.78 -1.03 -0.87 | 83.43 -1.46 0.00 | 85.47 -0.53 0.00 | 100.04 -0.81 0.00 | 143.18 -1.14 0.00 | 107.21 -1.26 0.00 | 50.19 0.01 0.00 | 43.81 -0.03 0.00 | 39.95 -0.44 -0.41 | 36.44 -0.28 -2.19 | 37.83 -0.19 -0.31 | 37.52 -0.08 0.00 | 31.66 -0.31 0.00 |
| EAST HAMPTON___GT 23717 | 103.79 3.44 -61.85 | 106.83 4.12 -58.95 | 81.57 3.90 -40.36 | 37.05 3.59 -0.55 | 70.21 4.80 -20.06 | 45.81 3.94 -0.28 | 44.86 3.52 -3.64 | 56.83 3.86 -13.52 | 82.77 4.29 -34.00 | 98.59 3.48 -49.05 | 115.06 5.99 -31.68 | 122.69 5.72 -58.03 | 119.86 8.27 -26.69 | 116.73 8.88 -21.85 | 119.70 9.66 -9.20 | 160.00 13.60 -2.08 | 124.89 9.13 -7.29 | 121.91 4.25 -67.49 | 125.09 3.80 -77.44 | 120.89 3.31 -77.60 | 125.31 2.55 -88.24 | 125.28 2.50 -85.06 | 133.41 2.50 -93.31 | 126.34 2.20 -92.18 |

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| EAST RIVER___6 23660 | 42.86 4.36 0.00 | 59.27 4.84 -10.66 | 41.25 3.95 0.00 | 36.24 3.33 0.00 | 49.70 4.35 0.00 | 45.43 3.84 0.00 | 41.63 3.93 0.00 | 43.75 4.30 0.00 | 49.55 5.08 0.00 | 51.57 5.50 0.00 | 87.24 9.85 0.00 | 72.46 8.51 -5.01 | 96.48 11.59 0.00 | 97.64 11.64 0.00 | 114.37 13.53 0.00 | 163.84 19.53 0.00 | 122.46 13.99 0.00 | 56.82 6.64 0.00 | 49.74 5.89 0.00 | 47.76 5.45 -2.33 | 51.68 4.53 -12.62 | 44.33 4.82 -1.79 | 42.23 4.63 0.00 | 35.67 3.70 0.00 |
| EAST RIVER___7 23524 | 42.86 4.36 0.00 | 59.27 4.84 -10.66 | 41.25 3.95 0.00 | 36.24 3.33 0.00 | 49.70 4.35 0.00 | 45.43 3.84 0.00 | 41.63 3.93 0.00 | 43.75 4.30 0.00 | 49.55 5.08 0.00 | 51.57 5.50 0.00 | 87.24 9.85 0.00 | 72.46 8.51 -5.01 | 96.48 11.59 0.00 | 97.64 11.64 0.00 | 114.37 13.53 0.00 | 163.84 19.53 0.00 | 122.46 13.99 0.00 | 56.82 6.64 0.00 | 49.74 5.89 0.00 | 47.76 5.45 -2.33 | 51.68 4.53 -12.62 | 44.33 4.82 -1.79 | 42.23 4.63 0.00 | 35.67 3.70 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 103.79 3.44 -61.85 | 106.83 4.12 -58.95 | 81.57 3.90 -40.36 | 37.05 3.59 -0.55 | 70.21 4.80 -20.06 | 45.81 3.94 -0.28 | 44.86 3.52 -3.64 | 56.83 3.86 -13.52 | 82.77 4.29 -34.00 | 98.59 3.48 -49.05 | 115.06 5.99 -31.68 | 122.69 5.72 -58.03 | 119.86 8.27 -26.69 | 116.73 8.88 -21.85 | 119.70 9.66 -9.20 | 160.00 13.60 -2.08 | 124.89 9.13 -7.29 | 121.91 4.25 -67.49 | 125.09 3.80 -77.44 | 120.89 3.31 -77.60 | 125.31 2.55 -88.24 | 125.28 2.50 -85.06 | 133.41 2.50 -93.31 | 126.34 2.20 -92.18 |
| ELEC_TRO_TEK 24086 | 104.79 4.44 -61.85 | 107.30 4.85 -58.68 | 81.62 3.95 -40.36 | 36.84 3.38 -0.55 | 69.86 4.46 -20.06 | 45.72 3.85 -0.28 | 45.16 3.83 -3.64 | 57.16 4.20 -13.52 | 83.41 4.93 -34.00 | 100.26 5.15 -49.05 | 118.22 9.15 -31.68 | 124.61 7.93 -57.74 | 122.44 10.85 -26.69 | 118.89 11.05 -21.85 | 122.89 12.85 -9.20 | 164.91 18.52 -2.08 | 128.92 13.16 -7.29 | 128.28 6.25 -71.85 | 130.12 5.64 -80.63 | 122.77 5.20 -77.60 | 129.34 4.34 -90.47 | 127.37 4.59 -85.06 | 155.95 4.45 -113.90 | 164.48 3.65 -128.87 |
| E_CANADA_CAP_HY 24051 | 37.53 -0.98 0.00 | 60.10 -0.99 -17.33 | 36.75 -0.55 0.00 | 32.60 -0.31 0.00 | 44.94 -0.41 0.00 | 41.72 0.13 0.00 | 37.55 -0.14 0.00 | 39.39 -0.06 0.00 | 44.02 -0.45 0.00 | 46.02 -0.05 0.00 | 77.24 -0.14 0.00 | 65.47 -1.59 -8.11 | 83.93 -0.96 0.00 | 84.72 -1.27 0.00 | 99.37 -1.47 0.00 | 141.43 -2.88 0.00 | 108.00 -0.46 0.00 | 48.91 -1.26 0.00 | 42.56 -1.29 0.00 | 42.45 -1.32 -3.79 | 53.85 -1.20 -20.53 | 39.55 -1.08 -2.92 | 36.56 -1.04 0.00 | 30.92 -1.05 0.00 |
| E_CANADA_MHWK_HY 24050 | 41.90 3.39 0.00 | 47.34 3.80 0.23 | 40.60 3.29 0.00 | 35.68 2.77 0.00 | 49.06 3.71 0.00 | 44.69 3.10 0.00 | 40.80 3.11 0.00 | 42.88 3.44 0.00 | 48.80 4.32 0.00 | 50.25 4.18 0.00 | 84.51 7.12 0.00 | 64.90 6.09 0.12 | 92.98 8.09 0.00 | 94.30 8.30 0.00 | 110.70 9.86 0.00 | 159.02 14.71 0.00 | 118.60 10.13 0.00 | 55.19 5.02 0.00 | 48.31 4.46 0.00 | 44.12 4.20 0.06 | 37.94 3.72 0.31 | 41.60 3.92 0.04 | 41.27 3.67 0.00 | 34.96 3.00 0.00 |
| E_FISHKILL___LBMP 23776 | 40.78 2.28 0.00 | 57.11 2.50 -10.85 | 39.26 1.95 0.00 | 34.54 1.63 0.00 | 47.50 2.15 0.00 | 43.36 1.77 0.00 | 39.49 1.80 0.00 | 41.46 2.02 0.00 | 46.93 2.45 0.00 | 48.48 2.42 0.00 | 81.67 4.28 0.00 | 68.02 3.99 -5.09 | 90.28 5.39 0.00 | 91.42 5.43 0.00 | 107.17 6.33 0.00 | 153.66 9.35 0.00 | 114.96 6.50 0.00 | 53.40 3.22 0.00 | 46.80 2.95 0.00 | 45.05 2.71 -2.36 | 49.68 2.33 -12.83 | 42.03 2.49 -1.82 | 40.04 2.44 0.00 | 33.92 1.96 0.00 |
| FAR ROCKAWAY___4 23548 | 104.59 4.24 -61.85 | 107.93 5.22 -58.95 | 81.93 4.26 -40.36 | 37.02 3.56 -0.55 | 70.18 4.78 -20.06 | 46.01 4.14 -0.28 | 45.22 3.88 -3.64 | 56.78 3.82 -13.52 | 82.02 3.54 -34.00 | 98.90 3.79 -49.05 | 116.14 7.07 -31.68 | 123.42 6.45 -58.03 | 120.38 8.79 -26.69 | 116.94 9.10 -21.85 | 120.77 10.73 -9.20 | 161.99 15.59 -2.08 | 126.68 10.92 -7.29 | 122.85 5.19 -67.49 | 126.15 4.86 -77.44 | 122.52 4.95 -77.60 | 126.55 3.79 -88.24 | 126.32 3.54 -85.06 | 134.23 3.32 -93.31 | 126.89 2.75 -92.18 |
| FENNER___WINDPWR 24204 | 39.10 0.60 0.00 | 44.61 0.49 -0.35 | 37.74 0.43 0.00 | 33.28 0.37 0.00 | 45.87 0.52 0.00 | 42.19 0.59 0.00 | 38.09 0.40 0.00 | 39.73 0.28 0.00 | 44.40 -0.07 0.00 | 46.09 0.02 0.00 | 77.70 0.31 0.00 | 59.27 0.18 -0.15 | 85.58 0.69 0.00 | 86.48 0.48 0.00 | 101.30 0.46 0.00 | 144.77 0.46 0.00 | 109.44 0.97 0.00 | 50.46 0.29 0.00 | 44.05 0.21 0.00 | 40.28 0.23 -0.07 | 35.03 0.12 -0.38 | 37.96 0.19 -0.06 | 38.16 0.56 0.00 | 32.36 0.40 0.00 |
| FIBERTEK___ENERGY 23856 | 37.05 -1.46 0.00 | 43.03 -1.76 -1.02 | 35.79 -1.51 0.00 | 31.68 -1.24 0.00 | 43.64 -1.71 0.00 | 40.08 -1.52 0.00 | 36.20 -1.49 0.00 | 37.69 -1.76 0.00 | 42.45 -2.03 0.00 | 44.06 -2.01 0.00 | 74.12 -3.27 0.00 | 56.84 -2.60 -0.50 | 81.31 -3.59 0.00 | 82.54 -3.46 0.00 | 96.75 -4.09 0.00 | 138.36 -5.96 0.00 | 104.18 -4.29 0.00 | 48.24 -1.93 0.00 | 42.17 -1.68 0.00 | 38.61 -1.60 -0.23 | 34.36 -1.42 -1.25 | 36.42 -1.47 -0.17 | 36.14 -1.46 0.00 | 30.67 -1.30 0.00 |
| FITZPATRICK___ 23598 | 36.69 -1.82 0.00 | 42.27 -2.11 -0.61 | 35.51 -1.79 0.00 | 31.45 -1.46 0.00 | 43.43 -1.92 0.00 | 39.89 -1.70 0.00 | 36.13 -1.56 0.00 | 37.74 -1.71 0.00 | 42.54 -1.94 0.00 | 44.00 -2.07 0.00 | 73.86 -3.52 0.00 | 56.41 -2.83 -0.30 | 80.80 -4.10 0.00 | 82.04 -3.96 0.00 | 96.18 -4.66 0.00 | 137.32 -6.99 0.00 | 103.08 -5.39 0.00 | 47.85 -2.32 0.00 | 41.88 -1.97 0.00 | 38.26 -1.86 -0.14 | 33.68 -1.60 -0.75 | 36.12 -1.70 -0.10 | 35.96 -1.64 0.00 | 30.55 -1.42 0.00 |
| FORT ORANGE___ 23900 | 39.98 1.48 0.00 | 59.04 1.90 -13.38 | 39.06 1.75 0.00 | 34.44 1.53 0.00 | 47.32 1.97 0.00 | 43.38 1.79 0.00 | 39.16 1.47 0.00 | 41.11 1.67 0.00 | 46.35 1.88 0.00 | 47.86 1.80 0.00 | 80.18 2.79 0.00 | 66.75 1.55 -6.26 | 87.45 2.55 0.00 | 87.81 1.81 0.00 | 103.07 2.23 0.00 | 147.61 3.30 0.00 | 111.53 3.07 0.00 | 51.01 0.84 0.00 | 44.62 0.77 0.00 | 43.94 1.05 -2.92 | 51.15 0.79 -15.83 | 40.65 0.68 -2.25 | 38.24 0.64 0.00 | 32.67 0.70 0.00 |
| FORT_DRUM_COGEN 23780 | 38.02 -0.48 0.00 | 43.27 -0.87 -0.37 | 36.62 -0.69 0.00 | 32.22 -0.69 0.00 | 44.49 -0.86 0.00 | 41.26 -0.33 0.00 | 36.89 -0.80 0.00 | 37.93 -1.52 0.00 | 42.19 -2.29 0.00 | 44.08 -1.99 0.00 | 74.45 -2.94 0.00 | 56.53 -2.57 -0.17 | 82.68 -2.22 0.00 | 83.03 -2.96 0.00 | 97.51 -3.33 0.00 | 139.75 -4.56 0.00 | 107.03 -1.43 0.00 | 48.63 -1.54 0.00 | 42.09 -1.76 0.00 | 38.72 -1.33 -0.08 | 33.61 -1.34 -0.43 | 36.99 -0.79 -0.06 | 37.28 -0.32 0.00 | 31.53 -0.44 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 104.59 4.24 -61.85 | 107.93 5.22 -58.95 | 81.93 4.26 -40.36 | 37.02 3.56 -0.55 | 70.18 4.78 -20.06 | 46.01 4.14 -0.28 | 45.22 3.88 -3.64 | 56.78 3.82 -13.52 | 82.02 3.54 -34.00 | 98.90 3.79 -49.05 | 116.14 7.07 -31.68 | 123.42 6.45 -58.03 | 120.38 8.79 -26.69 | 116.94 9.10 -21.85 | 120.77 10.73 -9.20 | 161.99 15.59 -2.08 | 126.68 10.92 -7.29 | 122.85 5.19 -67.49 | 126.15 4.86 -77.44 | 122.52 4.95 -77.60 | 126.55 3.79 -88.24 | 126.32 3.54 -85.06 | 134.23 3.32 -93.31 | 126.89 2.75 -92.18 |
| FRANKLIN_FALL_HYD 24054 | 37.82 -0.68 0.00 | 43.00 -0.61 0.15 | 36.85 -0.45 0.00 | 32.37 -0.54 0.00 | 44.56 -0.79 0.00 | 40.99 -0.61 0.00 | 37.10 -0.59 0.00 | 39.03 -0.42 0.00 | 43.86 -0.61 0.00 | 45.52 -0.55 0.00 | 76.44 -0.95 0.00 | 58.01 -0.88 0.05 | 83.93 -0.97 0.00 | 84.70 -1.30 0.00 | 99.38 -1.46 0.00 | 142.60 -1.71 0.00 | 107.62 -0.84 0.00 | 49.35 -0.82 0.00 | 42.94 -0.91 0.00 | 39.19 -0.77 0.02 | 33.68 -0.72 0.13 | 36.83 -0.87 0.03 | 36.74 -0.85 0.00 | 31.32 -0.64 0.00 |
| FULTON COGEN___ 23766 | 37.07 -1.44 0.00 | 42.84 -1.72 -0.79 | 35.88 -1.42 0.00 | 31.76 -1.15 0.00 | 43.98 -1.37 0.00 | 40.54 -1.06 0.00 | 36.64 -1.05 0.00 | 38.27 -1.18 0.00 | 42.91 -1.56 0.00 | 44.12 -1.95 0.00 | 74.10 -3.29 0.00 | 56.47 -2.84 -0.37 | 81.04 -3.86 0.00 | 82.22 -3.78 0.00 | 96.39 -4.45 0.00 | 137.42 -6.89 0.00 | 103.50 -4.96 0.00 | 47.85 -2.32 0.00 | 41.81 -2.04 0.00 | 38.26 -1.89 -0.17 | 33.78 -1.69 -0.94 | 36.07 -1.78 -0.13 | 36.07 -1.52 0.00 | 30.77 -1.20 0.00 |

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| G.F.CEMENT___DRP 24184 | 40.14 1.64 0.00 | 60.74 3.01 -13.96 | 40.33 3.03 0.00 | 35.57 2.66 0.00 | 49.18 3.83 0.00 | 45.38 3.78 0.00 | 40.72 3.03 0.00 | 42.37 2.93 0.00 | 47.92 3.44 0.00 | 49.23 3.16 0.00 | 82.09 4.70 0.00 | 67.94 2.47 -6.53 | 88.60 3.71 0.00 | 89.21 3.21 0.00 | 105.06 4.22 0.00 | 151.33 7.02 0.00 | 113.39 4.92 0.00 | 51.92 1.75 0.00 | 45.05 1.21 0.00 | 44.54 1.51 -3.05 | 52.63 1.58 -16.53 | 41.86 1.79 -2.35 | 39.31 1.71 0.00 | 33.47 1.51 0.00 |
| GARDENVILLE___LBMP 24039 | 36.85 -1.65 0.00 | 43.15 -2.37 -1.76 | 34.90 -2.40 0.00 | 30.93 -1.98 0.00 | 42.50 -2.85 0.00 | 38.72 -2.88 0.00 | 35.01 -2.68 0.00 | 36.35 -3.10 0.00 | 40.79 -3.69 0.00 | 42.50 -3.56 0.00 | 71.92 -5.47 0.00 | 56.76 -3.00 -0.82 | 80.60 -4.30 0.00 | 82.61 -3.39 0.00 | 96.78 -4.07 0.00 | 138.50 -5.82 0.00 | 103.76 -4.71 0.00 | 48.90 -1.27 0.00 | 42.67 -1.17 0.00 | 38.90 -1.46 -0.38 | 35.53 -1.06 -2.07 | 37.14 -0.88 -0.30 | 36.95 -0.64 0.00 | 31.35 -0.61 0.00 |
| GENERAL___MILLS 23808 | 38.13 -0.37 0.00 | 44.61 -0.91 -1.76 | 36.06 -1.25 0.00 | 31.91 -1.00 0.00 | 43.83 -1.52 0.00 | 40.12 -1.47 0.00 | 36.41 -1.28 0.00 | 37.92 -1.53 0.00 | 42.56 -1.91 0.00 | 44.38 -1.69 0.00 | 75.18 -2.21 0.00 | 59.27 -0.49 -0.82 | 84.37 -0.53 0.00 | 86.78 0.79 0.00 | 101.73 0.89 0.00 | 145.78 1.46 0.00 | 109.02 0.55 0.00 | 51.02 0.85 0.00 | 44.72 0.88 0.00 | 40.68 0.32 -0.38 | 36.85 0.25 -2.08 | 38.60 0.59 -0.30 | 38.34 0.74 0.00 | 32.49 0.52 0.00 |
| GE_PLASTICS___DRP 24183 | 39.18 0.68 0.00 | 58.22 1.02 -13.44 | 38.46 1.16 0.00 | 33.90 0.99 0.00 | 46.74 1.39 0.00 | 42.92 1.32 0.00 | 38.61 0.92 0.00 | 40.40 0.96 0.00 | 45.46 0.98 0.00 | 46.85 0.79 0.00 | 78.28 0.89 0.00 | 65.11 -0.15 -6.31 | 84.89 -0.01 0.00 | 85.12 -0.88 0.00 | 99.87 -0.97 0.00 | 143.06 -1.25 0.00 | 108.13 -0.34 0.00 | 49.44 -0.73 0.00 | 43.28 -0.57 0.00 | 42.76 -0.18 -2.96 | 50.39 -0.20 -16.07 | 39.72 -0.29 -2.29 | 37.41 -0.18 0.00 | 32.05 0.09 0.00 |
| GILBOA___1 23756 | 39.66 1.16 0.00 | 55.99 1.79 -10.44 | 39.03 1.72 0.00 | 34.47 1.56 0.00 | 47.43 2.08 0.00 | 43.44 1.85 0.00 | 38.91 1.22 0.00 | 40.60 1.16 0.00 | 45.66 1.18 0.00 | 47.02 0.96 0.00 | 78.59 1.20 0.00 | 63.87 0.05 -4.89 | 85.08 0.19 0.00 | 85.19 -0.81 0.00 | 99.87 -0.97 0.00 | 142.94 -1.38 0.00 | 108.40 -0.06 0.00 | 49.59 -0.58 0.00 | 43.49 -0.35 0.00 | 42.26 0.00 -2.28 | 46.93 0.05 -12.35 | 39.47 -0.01 -1.76 | 37.69 0.09 0.00 | 32.26 0.29 0.00 |
| GILBOA___2 23757 | 39.66 1.16 0.00 | 55.99 1.79 -10.44 | 39.03 1.72 0.00 | 34.47 1.56 0.00 | 47.43 2.08 0.00 | 43.44 1.85 0.00 | 38.91 1.22 0.00 | 40.60 1.16 0.00 | 45.66 1.18 0.00 | 47.02 0.96 0.00 | 78.59 1.20 0.00 | 63.87 0.05 -4.89 | 85.08 0.19 0.00 | 85.19 -0.81 0.00 | 99.87 -0.97 0.00 | 142.94 -1.38 0.00 | 108.40 -0.06 0.00 | 49.59 -0.58 0.00 | 43.49 -0.35 0.00 | 42.26 0.00 -2.28 | 46.93 0.05 -12.35 | 39.47 -0.01 -1.76 | 37.69 0.09 0.00 | 32.26 0.29 0.00 |
| GILBOA___3 23758 | 39.66 1.16 0.00 | 55.99 1.79 -10.44 | 39.03 1.72 0.00 | 34.47 1.56 0.00 | 47.43 2.08 0.00 | 43.44 1.85 0.00 | 38.91 1.22 0.00 | 40.60 1.16 0.00 | 45.66 1.18 0.00 | 47.02 0.96 0.00 | 78.59 1.20 0.00 | 63.87 0.05 -4.89 | 85.08 0.19 0.00 | 85.19 -0.81 0.00 | 99.87 -0.97 0.00 | 142.94 -1.38 0.00 | 108.40 -0.06 0.00 | 49.59 -0.58 0.00 | 43.49 -0.35 0.00 | 42.26 0.00 -2.28 | 46.93 0.05 -12.35 | 39.47 -0.01 -1.76 | 37.69 0.09 0.00 | 32.26 0.29 0.00 |
| GILBOA___4 23759 | 39.66 1.16 0.00 | 55.99 1.79 -10.44 | 39.03 1.72 0.00 | 34.47 1.56 0.00 | 47.43 2.08 0.00 | 43.44 1.85 0.00 | 38.91 1.22 0.00 | 40.60 1.16 0.00 | 45.66 1.18 0.00 | 47.02 0.96 0.00 | 78.59 1.20 0.00 | 63.87 0.05 -4.89 | 85.08 0.19 0.00 | 85.19 -0.81 0.00 | 99.87 -0.97 0.00 | 142.94 -1.38 0.00 | 108.40 -0.06 0.00 | 49.59 -0.58 0.00 | 43.49 -0.35 0.00 | 42.26 0.00 -2.28 | 46.93 0.05 -12.35 | 39.47 -0.01 -1.76 | 37.69 0.09 0.00 | 32.26 0.29 0.00 |
| GILBOA___ 23599 | 39.66 1.16 0.00 | 55.99 1.79 -10.44 | 39.03 1.72 0.00 | 34.47 1.56 0.00 | 47.43 2.08 0.00 | 43.44 1.85 0.00 | 38.91 1.22 0.00 | 40.60 1.16 0.00 | 45.66 1.18 0.00 | 47.02 0.96 0.00 | 78.59 1.20 0.00 | 63.87 0.05 -4.89 | 85.08 0.19 0.00 | 85.19 -0.81 0.00 | 99.87 -0.97 0.00 | 142.94 -1.38 0.00 | 108.40 -0.06 0.00 | 49.59 -0.58 0.00 | 43.49 -0.35 0.00 | 42.26 0.00 -2.28 | 46.93 0.05 -12.35 | 39.47 -0.01 -1.76 | 37.69 0.09 0.00 | 32.26 0.29 0.00 |
| GINNA___ 23603 | 36.25 -2.25 0.00 | 42.37 -2.61 -1.22 | 35.20 -2.10 0.00 | 31.09 -1.82 0.00 | 42.73 -2.62 0.00 | 39.41 -2.18 0.00 | 35.52 -2.17 0.00 | 37.26 -2.19 0.00 | 42.00 -2.47 0.00 | 43.94 -2.12 0.00 | 73.79 -3.60 0.00 | 56.01 -3.52 -0.59 | 80.71 -4.19 0.00 | 81.68 -4.32 0.00 | 96.03 -4.81 0.00 | 137.27 -7.05 0.00 | 103.89 -4.58 0.00 | 47.51 -2.66 0.00 | 41.33 -2.52 0.00 | 37.89 -2.36 -0.27 | 33.81 -2.20 -1.48 | 35.63 -2.29 -0.21 | 35.30 -2.29 0.00 | 29.98 -1.99 0.00 |
| GLEN PARK___ 23778 | 38.32 -0.19 0.00 | 43.67 -0.50 -0.41 | 36.95 -0.36 0.00 | 32.52 -0.39 0.00 | 44.90 -0.45 0.00 | 41.68 0.09 0.00 | 37.25 -0.44 0.00 | 38.36 -1.08 0.00 | 42.71 -1.76 0.00 | 44.63 -1.43 0.00 | 75.41 -1.97 0.00 | 57.27 -1.86 -0.20 | 83.85 -1.04 0.00 | 84.21 -1.79 0.00 | 98.78 -2.06 0.00 | 141.63 -2.68 0.00 | 108.66 0.19 0.00 | 49.30 -0.88 0.00 | 42.64 -1.21 0.00 | 39.23 -0.84 -0.09 | 34.09 -0.94 -0.50 | 37.39 -0.39 -0.07 | 37.64 0.04 0.00 | 31.81 -0.15 0.00 |
| GLENWOOD_IC_1_G5 23712 | 103.92 3.57 -61.85 | 106.90 4.19 -58.95 | 81.05 3.38 -40.36 | 36.24 2.78 -0.55 | 69.11 3.71 -20.06 | 45.14 3.27 -0.28 | 44.98 3.64 -3.64 | 56.69 3.73 -13.52 | 82.82 4.34 -34.00 | 99.76 4.65 -49.05 | 117.28 8.22 -31.68 | 124.28 7.31 -58.03 | 121.61 10.02 -26.69 | 118.13 10.28 -21.85 | 122.09 12.05 -9.20 | 163.88 17.48 -2.08 | 128.20 12.44 -7.29 | 123.59 5.93 -67.49 | 126.54 5.25 -77.44 | 122.34 4.76 -77.60 | 126.72 3.96 -88.24 | 126.93 4.15 -85.06 | 134.81 3.90 -93.31 | 127.25 3.10 -92.18 |
| GLENWOOD_IC_2_G1 23688 | 103.92 3.57 -61.85 | 106.90 4.19 -58.95 | 81.05 3.38 -40.36 | 36.24 2.78 -0.55 | 69.11 3.71 -20.06 | 45.14 3.27 -0.28 | 44.98 3.64 -3.64 | 56.69 3.73 -13.52 | 82.82 4.34 -34.00 | 99.76 4.65 -49.05 | 117.28 8.22 -31.68 | 124.28 7.31 -58.03 | 121.61 10.02 -26.69 | 118.13 10.28 -21.85 | 122.09 12.05 -9.20 | 163.88 17.48 -2.08 | 128.20 12.44 -7.29 | 123.59 5.93 -67.49 | 126.54 5.25 -77.44 | 122.34 4.76 -77.60 | 126.72 3.96 -88.24 | 126.93 4.15 -85.06 | 134.81 3.90 -93.31 | 127.25 3.10 -92.18 |
| GLENWOOD_IC_3_G1 23689 | 103.92 3.57 -61.85 | 106.90 4.19 -58.95 | 81.05 3.38 -40.36 | 36.24 2.78 -0.55 | 69.11 3.71 -20.06 | 45.14 3.27 -0.28 | 44.98 3.64 -3.64 | 56.69 3.73 -13.52 | 82.82 4.34 -34.00 | 99.76 4.65 -49.05 | 117.28 8.22 -31.68 | 124.28 7.31 -58.03 | 121.61 10.02 -26.69 | 118.13 10.28 -21.85 | 122.09 12.05 -9.20 | 163.88 17.48 -2.08 | 128.20 12.44 -7.29 | 123.59 5.93 -67.49 | 126.54 5.25 -77.44 | 122.34 4.76 -77.60 | 126.72 3.96 -88.24 | 126.93 4.15 -85.06 | 134.81 3.90 -93.31 | 127.25 3.10 -92.18 |
| GLENWOOD___4 23550 | 103.92 3.57 -61.85 | 106.90 4.19 -58.95 | 81.05 3.38 -40.36 | 36.24 2.78 -0.55 | 69.11 3.71 -20.06 | 45.14 3.27 -0.28 | 44.98 3.64 -3.64 | 56.69 3.73 -13.52 | 82.82 4.34 -34.00 | 99.76 4.65 -49.05 | 117.28 8.22 -31.68 | 124.28 7.31 -58.03 | 121.61 10.02 -26.69 | 118.13 10.28 -21.85 | 122.09 12.05 -9.20 | 163.88 17.48 -2.08 | 128.20 12.44 -7.29 | 123.59 5.93 -67.49 | 126.54 5.25 -77.44 | 122.34 4.76 -77.60 | 126.72 3.96 -88.24 | 126.93 4.15 -85.06 | 134.81 3.90 -93.31 | 127.25 3.10 -92.18 |
| GLENWOOD___5 23614 | 103.92 3.57 -61.85 | 106.90 4.19 -58.95 | 81.05 3.38 -40.36 | 36.24 2.78 -0.55 | 69.11 3.71 -20.06 | 45.14 3.27 -0.28 | 44.98 3.64 -3.64 | 56.69 3.73 -13.52 | 82.82 4.34 -34.00 | 99.76 4.65 -49.05 | 117.28 8.22 -31.68 | 124.28 7.31 -58.03 | 121.61 10.02 -26.69 | 118.13 10.28 -21.85 | 122.09 12.05 -9.20 | 163.88 17.48 -2.08 | 128.20 12.44 -7.29 | 123.59 5.93 -67.49 | 126.54 5.25 -77.44 | 122.34 4.76 -77.60 | 126.72 3.96 -88.24 | 126.93 4.15 -85.06 | 134.81 3.90 -93.31 | 127.25 3.10 -92.18 |

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|---------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|-----------------------|-----------------------|----------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| GOUDEY___7 23579 | 40.39 1.89 0.00 | 48.81 1.70 -3.34 | 38.63 1.32 0.00 | 33.97 1.06 0.00 | 46.80 1.44 0.00 | 42.70 1.11 0.00 | 38.93 1.24 0.00 | 40.87 1.43 0.00 | 46.35 1.88 0.00 | 47.94 1.88 0.00 | 81.04 3.65 0.00 | 63.87 3.38 -1.56 | 89.29 4.39 0.00 | 90.39 4.39 0.00 | 105.92 5.08 0.00 | 151.59 7.28 0.00 | 114.03 5.56 0.00 | 53.16 2.99 0.00 | 46.33 2.48 0.00 | 43.01 2.31 -0.73 | 40.47 2.00 -3.94 | 40.42 2.14 -0.56 | 39.74 2.14 0.00 | 33.76 1.80 0.00 |
| GOUDEY___8 23580 | 40.20 1.69 0.00 | 48.70 1.59 -3.34 | 38.51 1.21 0.00 | 33.90 0.99 0.00 | 46.65 1.30 0.00 | 42.59 0.99 0.00 | 38.83 1.14 0.00 | 40.75 1.31 0.00 | 46.21 1.74 0.00 | 47.79 1.73 0.00 | 80.78 3.39 0.00 | 63.67 3.17 -1.56 | 88.98 4.09 0.00 | 90.09 4.09 0.00 | 105.57 4.73 0.00 | 151.10 6.79 0.00 | 113.66 5.19 0.00 | 52.99 2.82 0.00 | 46.18 2.33 0.00 | 42.88 2.17 -0.73 | 40.36 1.89 -3.94 | 40.27 2.00 -0.56 | 39.62 2.02 0.00 | 33.62 1.66 0.00 |
| GOWANUS_GT 1_GRP 23732 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT 2_GRP 23617 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT 3_GRP 23618 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT 4_GRP 23751 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT1_1 24077 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT1_2 24078 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT1_3 24079 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT1_4 24080 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT1_5 24084 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT1_6 24111 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT1_7 24112 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT1_8 24113 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT2_1 24114 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT2_2 24115 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |

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|------------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|-----------------------|-----------------------|----------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| GOWANUS_GT2_3 24116 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT2_4 24117 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT2_5 24118 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT2_6 24119 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT2_7 24120 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT2_8 24121 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT3_1 24122 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT3_2 24123 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT3_3 24124 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT3_4 24125 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT3_5 24126 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT3_6 24127 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT3_7 24128 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT3_8 24129 | 47.96 3.81 -5.65 | 125.05 4.58 -76.71 | 132.89 4.18 -91.40 | 119.60 3.49 -83.20 | 88.70 4.65 -38.70 | 88.21 4.14 -42.48 | 88.60 4.27 -46.64 | 104.02 4.49 -60.08 | 104.80 5.06 -55.26 | 104.94 5.01 -53.86 | 96.93 8.21 -11.33 | 70.47 6.52 -5.01 | 93.47 8.57 0.00 | 94.41 8.41 0.00 | 257.31 9.95 -146.52 | 197.96 14.36 -39.28 | 137.58 10.17 -18.94 | 137.94 4.80 -82.97 | 138.11 4.29 -89.97 | 131.00 4.05 -86.98 | 121.14 3.35 -83.27 | 138.54 3.53 -97.29 | 138.24 3.39 -97.25 | 92.54 3.06 -57.51 |
| GOWANUS_GT4_1 24130 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT4_2 24131 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |

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| GOWANUS_GT4_3 24132 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT4_4 24133 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT4_5 24134 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT4_6 24135 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT4_7 24136 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GOWANUS_GT4_8 24137 | 47.58 3.43 -5.65 | 124.42 3.94 -76.71 | 132.84 4.14 -91.40 | 119.63 3.52 -83.20 | 88.75 4.70 -38.70 | 88.25 4.18 -42.48 | 88.64 4.31 -46.64 | 104.00 4.47 -60.08 | 104.99 5.25 -55.26 | 105.23 5.30 -53.86 | 97.33 8.62 -11.33 | 70.54 6.59 -5.01 | 93.56 8.66 0.00 | 94.60 8.60 0.00 | 257.49 10.12 -146.52 | 198.20 14.60 -39.28 | 137.82 10.41 -18.94 | 138.07 4.93 -82.97 | 138.21 4.39 -89.97 | 131.10 4.15 -86.98 | 121.24 3.45 -83.27 | 138.65 3.65 -97.29 | 138.32 3.47 -97.25 | 92.37 2.90 -57.51 |
| GRAHMSVILLE___HY 23607 | 42.42 3.92 0.00 | 57.22 4.04 -9.42 | 40.40 3.09 0.00 | 35.46 2.55 0.00 | 48.62 3.27 0.00 | 44.37 2.78 0.00 | 40.63 2.94 0.00 | 42.83 3.38 0.00 | 48.72 4.24 0.00 | 50.79 4.73 0.00 | 86.27 8.88 0.00 | 71.53 8.21 -4.39 | 96.36 11.46 0.00 | 98.04 12.04 0.00 | 114.97 14.13 0.00 | 164.81 20.50 0.00 | 123.13 14.66 0.00 | 57.21 7.03 0.00 | 50.16 6.31 0.00 | 47.66 5.66 -2.02 | 50.18 4.70 -10.95 | 44.28 5.00 -1.56 | 42.39 4.79 0.00 | 35.66 3.70 0.00 |
| GREENIDGE___3 23582 | 37.86 -0.64 0.00 | 44.63 -1.13 -1.99 | 36.20 -1.11 0.00 | 32.10 -0.81 0.00 | 43.61 -1.74 0.00 | 39.18 -2.41 0.00 | 35.64 -2.05 0.00 | 37.51 -1.93 0.00 | 42.57 -1.91 0.00 | 44.50 -1.56 0.00 | 75.32 -2.06 0.00 | 58.79 -1.09 -0.95 | 83.46 -1.43 0.00 | 85.05 -0.95 0.00 | 99.77 -1.07 0.00 | 142.68 -1.63 0.00 | 107.33 -1.14 0.00 | 50.03 -0.14 0.00 | 43.34 -0.50 0.00 | 39.76 -0.66 -0.44 | 36.34 -0.57 -2.39 | 37.67 -0.38 -0.34 | 37.51 -0.08 0.00 | 32.04 0.08 0.00 |
| GREENIDGE___4 23583 | 37.79 -0.72 0.00 | 44.47 -1.29 -1.99 | 36.13 -1.18 0.00 | 32.04 -0.87 0.00 | 43.55 -1.80 0.00 | 39.15 -2.44 0.00 | 35.63 -2.07 0.00 | 37.50 -1.95 0.00 | 42.56 -1.92 0.00 | 44.49 -1.58 0.00 | 75.30 -2.09 0.00 | 58.77 -1.12 -0.95 | 83.43 -1.46 0.00 | 85.02 -0.98 0.00 | 99.73 -1.11 0.00 | 142.63 -1.68 0.00 | 107.29 -1.18 0.00 | 50.02 -0.16 0.00 | 43.33 -0.52 0.00 | 39.75 -0.67 -0.44 | 36.32 -0.59 -2.39 | 37.61 -0.44 -0.34 | 37.41 -0.18 0.00 | 31.98 0.01 0.00 |
| HARZA MOOSE___RIVER 24016 | 38.93 0.42 0.00 | 44.17 0.39 -0.02 | 37.67 0.36 0.00 | 33.19 0.28 0.00 | 45.72 0.37 0.00 | 42.12 0.53 0.00 | 37.99 0.30 0.00 | 39.62 0.18 0.00 | 44.44 -0.04 0.00 | 46.18 0.11 0.00 | 77.85 0.46 0.00 | 59.22 0.26 -0.02 | 85.84 0.94 0.00 | 86.61 0.61 0.00 | 101.56 0.72 0.00 | 145.32 1.01 0.00 | 110.11 1.64 0.00 | 50.57 0.39 0.00 | 44.05 0.20 0.00 | 40.27 0.28 -0.01 | 34.71 0.14 -0.04 | 38.02 0.30 0.00 | 38.07 0.47 0.00 | 32.29 0.33 0.00 |
| HEMPSTEAD___ 23647 | 104.79 4.44 -61.85 | 107.56 4.85 -58.95 | 81.62 3.95 -40.36 | 36.84 3.38 -0.55 | 69.86 4.46 -20.06 | 45.72 3.85 -0.28 | 45.16 3.83 -3.64 | 57.16 4.20 -13.52 | 83.41 4.93 -34.00 | 100.26 5.15 -49.05 | 118.22 9.15 -31.68 | 124.90 7.93 -58.03 | 122.44 10.85 -26.69 | 118.89 11.05 -21.85 | 122.89 12.85 -9.20 | 164.91 18.52 -2.08 | 128.92 13.16 -7.29 | 123.91 6.25 -67.49 | 126.92 5.64 -77.44 | 122.77 5.20 -77.60 | 127.11 4.34 -88.24 | 127.37 4.59 -85.06 | 135.36 4.45 -93.31 | 127.79 3.65 -92.18 |
| HICKLING___1 23621 | 40.21 1.71 0.00 | 47.82 1.46 -2.59 | 38.29 0.98 0.00 | 33.66 0.75 0.00 | 46.36 1.01 0.00 | 42.38 0.79 0.00 | 38.78 1.09 0.00 | 40.90 1.45 0.00 | 46.57 2.10 0.00 | 48.49 2.43 0.00 | 82.22 4.83 0.00 | 64.71 4.54 -1.23 | 91.15 6.26 0.00 | 92.63 6.63 0.00 | 108.52 7.68 0.00 | 155.24 10.93 0.00 | 116.76 8.29 0.00 | 54.51 4.34 0.00 | 47.28 3.43 0.00 | 43.57 3.02 -0.57 | 40.21 2.59 -3.10 | 40.97 2.82 -0.44 | 40.27 2.67 0.00 | 33.88 1.92 0.00 |
| HICKLING___2 23622 | 40.22 1.71 0.00 | 47.82 1.47 -2.59 | 38.30 0.99 0.00 | 33.67 0.76 0.00 | 46.37 1.02 0.00 | 42.39 0.80 0.00 | 38.79 1.10 0.00 | 40.91 1.46 0.00 | 46.58 2.11 0.00 | 48.51 2.44 0.00 | 82.24 4.86 0.00 | 64.73 4.56 -1.23 | 91.18 6.28 0.00 | 92.65 6.66 0.00 | 108.55 7.71 0.00 | 155.29 10.97 0.00 | 116.79 8.33 0.00 | 54.53 4.35 0.00 | 47.29 3.45 0.00 | 43.59 3.03 -0.57 | 40.22 2.60 -3.10 | 40.98 2.83 -0.44 | 40.28 2.68 0.00 | 33.89 1.92 0.00 |
| HIGH FALLS___HY 23754 | 42.08 3.57 0.00 | 58.43 3.85 -10.82 | 40.41 3.10 0.00 | 35.52 2.61 0.00 | 48.93 3.57 0.00 | 44.72 3.13 0.00 | 40.71 3.01 0.00 | 42.46 3.01 0.00 | 48.19 3.72 0.00 | 49.99 3.93 0.00 | 84.01 6.62 0.00 | 69.15 5.15 -5.06 | 92.44 7.55 0.00 | 93.86 7.86 0.00 | 109.97 9.13 0.00 | 157.57 13.26 0.00 | 119.22 10.76 0.00 | 55.86 5.69 0.00 | 47.77 3.93 0.00 | 45.84 3.51 -2.35 | 50.66 3.38 -12.76 | 42.98 3.45 -1.82 | 41.03 3.43 0.00 | 34.99 3.03 0.00 |
| HILLBURN___GT 23639 | 41.38 2.88 0.00 | 56.99 2.99 -10.23 | 39.51 2.20 0.00 | 34.72 1.80 0.00 | 47.72 2.37 0.00 | 43.55 1.96 0.00 | 39.81 2.11 0.00 | 41.83 2.39 0.00 | 47.44 2.96 0.00 | 49.27 3.20 0.00 | 83.44 6.05 0.00 | 69.55 5.82 -4.79 | 92.81 7.91 0.00 | 94.36 8.36 0.00 | 110.57 9.73 0.00 | 158.38 14.07 0.00 | 118.29 9.82 0.00 | 54.99 4.82 0.00 | 48.23 4.38 0.00 | 46.12 3.92 -2.23 | 49.85 3.25 -12.08 | 42.91 3.48 -1.72 | 40.93 3.33 0.00 | 34.61 2.64 0.00 |
| HOLTSVIL 1-5___GRPI 24031 | 103.95 3.59 -61.85 | 106.94 4.23 -58.95 | 81.64 3.97 -40.36 | 37.22 3.76 -0.55 | 70.34 4.94 -20.06 | 45.94 4.07 -0.28 | 44.96 3.63 -3.64 | 56.91 3.95 -13.52 | 82.97 4.49 -34.00 | 98.93 3.82 -49.05 | 115.65 6.59 -31.68 | 123.11 6.14 -58.03 | 120.40 8.81 -26.69 | 117.32 9.47 -21.85 | 120.54 10.50 -9.20 | 161.30 14.90 -2.08 | 125.97 10.21 -7.29 | 122.44 4.78 -67.49 | 125.55 4.26 -77.44 | 121.33 3.76 -77.60 | 125.71 2.95 -88.24 | 125.72 2.94 -85.06 | 133.76 2.85 -93.31 | 126.58 2.44 -92.18 |

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| HOLTSVIL6-10___GRP2 24032 | 103.95 3.59 -61.85 | 106.94 4.23 -58.95 | 81.64 3.97 -40.36 | 37.22 3.76 -0.55 | 70.34 4.94 -20.06 | 45.94 4.07 -0.28 | 44.96 3.63 -3.64 | 56.91 3.95 -13.52 | 82.97 4.49 -34.00 | 98.93 3.82 -49.05 | 115.65 6.59 -31.68 | 123.11 6.14 -58.03 | 120.40 8.81 -26.69 | 117.32 9.47 -21.85 | 120.54 10.50 -9.20 | 161.30 14.90 -2.08 | 125.97 10.21 -7.29 | 122.44 4.78 -67.49 | 125.55 4.26 -77.44 | 121.33 3.76 -77.60 | 125.71 2.95 -88.24 | 125.72 2.94 -85.06 | 133.76 2.85 -93.31 | 126.58 2.44 -92.18 |
| HOLTSVILLE_IC_1 23690 | 103.95 3.59 -61.85 | 106.94 4.23 -58.95 | 81.64 3.97 -40.36 | 37.22 3.76 -0.55 | 70.34 4.94 -20.06 | 45.94 4.07 -0.28 | 44.96 3.63 -3.64 | 56.91 3.95 -13.52 | 82.97 4.49 -34.00 | 98.93 3.82 -49.05 | 115.65 6.59 -31.68 | 123.11 6.14 -58.03 | 120.40 8.81 -26.69 | 117.32 9.47 -21.85 | 120.54 10.50 -9.20 | 161.30 14.90 -2.08 | 125.97 10.21 -7.29 | 122.44 4.78 -67.49 | 125.55 4.26 -77.44 | 121.33 3.76 -77.60 | 125.71 2.95 -88.24 | 125.72 2.94 -85.06 | 133.76 2.85 -93.31 | 126.58 2.44 -92.18 |
| HOLTSVILLE_IC_10 23699 | 103.95 3.59 -61.85 | 106.94 4.23 -58.95 | 81.64 3.97 -40.36 | 37.22 3.76 -0.55 | 70.34 4.94 -20.06 | 45.94 4.07 -0.28 | 44.96 3.63 -3.64 | 56.91 3.95 -13.52 | 82.97 4.49 -34.00 | 98.93 3.82 -49.05 | 115.65 6.59 -31.68 | 123.11 6.14 -58.03 | 120.40 8.81 -26.69 | 117.32 9.47 -21.85 | 120.54 10.50 -9.20 | 161.30 14.90 -2.08 | 125.97 10.21 -7.29 | 122.44 4.78 -67.49 | 125.55 4.26 -77.44 | 121.33 3.76 -77.60 | 125.71 2.95 -88.24 | 125.72 2.94 -85.06 | 133.76 2.85 -93.31 | 126.58 2.44 -92.18 |
| HOLTSVILLE_IC_2 23691 | 103.95 3.59 -61.85 | 106.94 4.23 -58.95 | 81.64 3.97 -40.36 | 37.22 3.76 -0.55 | 70.34 4.94 -20.06 | 45.94 4.07 -0.28 | 44.96 3.63 -3.64 | 56.91 3.95 -13.52 | 82.97 4.49 -34.00 | 98.93 3.82 -49.05 | 115.65 6.59 -31.68 | 123.11 6.14 -58.03 | 120.40 8.81 -26.69 | 117.32 9.47 -21.85 | 120.54 10.50 -9.20 | 161.30 14.90 -2.08 | 125.97 10.21 -7.29 | 122.44 4.78 -67.49 | 125.55 4.26 -77.44 | 121.33 3.76 -77.60 | 125.71 2.95 -88.24 | 125.72 2.94 -85.06 | 133.76 2.85 -93.31 | 126.58 2.44 -92.18 |
| HOLTSVILLE_IC_3 23692 | 103.95 3.59 -61.85 | 106.94 4.23 -58.95 | 81.64 3.97 -40.36 | 37.22 3.76 -0.55 | 70.34 4.94 -20.06 | 45.94 4.07 -0.28 | 44.96 3.63 -3.64 | 56.91 3.95 -13.52 | 82.97 4.49 -34.00 | 98.93 3.82 -49.05 | 115.65 6.59 -31.68 | 123.11 6.14 -58.03 | 120.40 8.81 -26.69 | 117.32 9.47 -21.85 | 120.54 10.50 -9.20 | 161.30 14.90 -2.08 | 125.97 10.21 -7.29 | 122.44 4.78 -67.49 | 125.55 4.26 -77.44 | 121.33 3.76 -77.60 | 125.71 2.95 -88.24 | 125.72 2.94 -85.06 | 133.76 2.85 -93.31 | 126.58 2.44 -92.18 |
| HOLTSVILLE_IC_4 23693 | 103.95 3.59 -61.85 | 106.94 4.23 -58.95 | 81.64 3.97 -40.36 | 37.22 3.76 -0.55 | 70.34 4.94 -20.06 | 45.94 4.07 -0.28 | 44.96 3.63 -3.64 | 56.91 3.95 -13.52 | 82.97 4.49 -34.00 | 98.93 3.82 -49.05 | 115.65 6.59 -31.68 | 123.11 6.14 -58.03 | 120.40 8.81 -26.69 | 117.32 9.47 -21.85 | 120.54 10.50 -9.20 | 161.30 14.90 -2.08 | 125.97 10.21 -7.29 | 122.44 4.78 -67.49 | 125.55 4.26 -77.44 | 121.33 3.76 -77.60 | 125.71 2.95 -88.24 | 125.72 2.94 -85.06 | 133.76 2.85 -93.31 | 126.58 2.44 -92.18 |
| HOLTSVILLE_IC_5 23694 | 103.95 3.59 -61.85 | 106.94 4.23 -58.95 | 81.64 3.97 -40.36 | 37.22 3.76 -0.55 | 70.34 4.94 -20.06 | 45.94 4.07 -0.28 | 44.96 3.63 -3.64 | 56.91 3.95 -13.52 | 82.97 4.49 -34.00 | 98.93 3.82 -49.05 | 115.65 6.59 -31.68 | 123.11 6.14 -58.03 | 120.40 8.81 -26.69 | 117.32 9.47 -21.85 | 120.54 10.50 -9.20 | 161.30 14.90 -2.08 | 125.97 10.21 -7.29 | 122.44 4.78 -67.49 | 125.55 4.26 -77.44 | 121.33 3.76 -77.60 | 125.71 2.95 -88.24 | 125.72 2.94 -85.06 | 133.76 2.85 -93.31 | 126.58 2.44 -92.18 |
| HOLTSVILLE_IC_6 23695 | 103.95 3.59 -61.85 | 106.94 4.23 -58.95 | 81.64 3.97 -40.36 | 37.22 3.76 -0.55 | 70.34 4.94 -20.06 | 45.94 4.07 -0.28 | 44.96 3.63 -3.64 | 56.91 3.95 -13.52 | 82.97 4.49 -34.00 | 98.93 3.82 -49.05 | 115.65 6.59 -31.68 | 123.11 6.14 -58.03 | 120.40 8.81 -26.69 | 117.32 9.47 -21.85 | 120.54 10.50 -9.20 | 161.30 14.90 -2.08 | 125.97 10.21 -7.29 | 122.44 4.78 -67.49 | 125.55 4.26 -77.44 | 121.33 3.76 -77.60 | 125.71 2.95 -88.24 | 125.72 2.94 -85.06 | 133.76 2.85 -93.31 | 126.58 2.44 -92.18 |
| HOLTSVILLE_IC_7 23696 | 103.95 3.59 -61.85 | 106.94 4.23 -58.95 | 81.64 3.97 -40.36 | 37.22 3.76 -0.55 | 70.34 4.94 -20.06 | 45.94 4.07 -0.28 | 44.96 3.63 -3.64 | 56.91 3.95 -13.52 | 82.97 4.49 -34.00 | 98.93 3.82 -49.05 | 115.65 6.59 -31.68 | 123.11 6.14 -58.03 | 120.40 8.81 -26.69 | 117.32 9.47 -21.85 | 120.54 10.50 -9.20 | 161.30 14.90 -2.08 | 125.97 10.21 -7.29 | 122.44 4.78 -67.49 | 125.55 4.26 -77.44 | 121.33 3.76 -77.60 | 125.71 2.95 -88.24 | 125.72 2.94 -85.06 | 133.76 2.85 -93.31 | 126.58 2.44 -92.18 |
| HOLTSVILLE_IC_8 23697 | 103.95 3.59 -61.85 | 106.94 4.23 -58.95 | 81.64 3.97 -40.36 | 37.22 3.76 -0.55 | 70.34 4.94 -20.06 | 45.94 4.07 -0.28 | 44.96 3.63 -3.64 | 56.91 3.95 -13.52 | 82.97 4.49 -34.00 | 98.93 3.82 -49.05 | 115.65 6.59 -31.68 | 123.11 6.14 -58.03 | 120.40 8.81 -26.69 | 117.32 9.47 -21.85 | 120.54 10.50 -9.20 | 161.30 14.90 -2.08 | 125.97 10.21 -7.29 | 122.44 4.78 -67.49 | 125.55 4.26 -77.44 | 121.33 3.76 -77.60 | 125.71 2.95 -88.24 | 125.72 2.94 -85.06 | 133.76 2.85 -93.31 | 126.58 2.44 -92.18 |
| HOLTSVILLE_IC_9 23698 | 103.95 3.59 -61.85 | 106.94 4.23 -58.95 | 81.64 3.97 -40.36 | 37.22 3.76 -0.55 | 70.34 4.94 -20.06 | 45.94 4.07 -0.28 | 44.96 3.63 -3.64 | 56.91 3.95 -13.52 | 82.97 4.49 -34.00 | 98.93 3.82 -49.05 | 115.65 6.59 -31.68 | 123.11 6.14 -58.03 | 120.40 8.81 -26.69 | 117.32 9.47 -21.85 | 120.54 10.50 -9.20 | 161.30 14.90 -2.08 | 125.97 10.21 -7.29 | 122.44 4.78 -67.49 | 125.55 4.26 -77.44 | 121.33 3.76 -77.60 | 125.71 2.95 -88.24 | 125.72 2.94 -85.06 | 133.76 2.85 -93.31 | 126.58 2.44 -92.18 |
| HQ_GEN_CEDARS 23644 | 36.23 -2.27 0.00 | 40.98 -2.63 0.15 | 35.10 -2.21 0.00 | 30.83 -2.08 0.00 | 42.34 -3.01 0.00 | 39.08 -2.51 0.00 | 35.45 -2.24 0.00 | 36.38 -3.07 0.00 | 41.03 -3.44 0.00 | 43.02 -3.05 0.00 | 72.60 -4.79 0.00 | 54.97 -3.91 0.05 | 80.37 -4.52 0.00 | 81.12 -4.88 0.00 | 95.02 -5.82 0.00 | 134.34 -9.98 0.00 | 102.40 -6.07 0.00 | 46.54 -3.63 0.00 | 40.32 -3.52 0.00 | 36.71 -3.25 0.02 | 31.51 -2.88 0.13 | 34.52 -3.17 0.03 | 34.43 -3.16 0.00 | 29.08 -2.89 0.00 |
| HQ_GEN_CHAT DC 23651 | 25.00 -1.32 13.60 | 27.89 -0.82 12.25 | 25.03 -0.90 13.25 | 25.02 -0.74 7.82 | 25.02 -0.75 11.67 | 25.00 -0.61 15.14 | 27.01 -0.89 12.75 | 30.10 -1.01 9.47 | 25.00 -1.25 18.28 | 87.68 -1.32 -33.91 | 80.41 -2.43 7.24 | 81.84 -1.67 -21.76 | 39.00 -1.43 5.80 | 191.44 -3.86 -74.74 | 140.79 -4.27 -11.51 | 239.61 -3.14 -130.47 | 106.22 -2.25 0.00 | 125.34 -4.19 10.00 | 69.00 -2.32 1.30 | 38.87 -1.09 0.02 | 33.51 -0.93 0.09 | 39.99 -1.49 5.14 | 39.01 -1.33 1.21 | 35.00 -1.35 4.50 |
| HUDAV+59+74_TH_GRP 23620 | 42.90 4.39 0.00 | 59.32 4.89 -10.66 | 41.29 3.99 0.00 | 36.26 3.35 0.00 | 49.71 4.36 0.00 | 45.42 3.82 0.00 | 41.62 3.93 0.00 | 43.74 4.29 0.00 | 49.53 5.05 0.00 | 51.51 5.44 0.00 | 87.10 9.72 0.00 | 72.32 8.38 -5.01 | 96.31 11.41 0.00 | 97.47 11.47 0.00 | 114.18 13.34 0.00 | 163.57 19.25 0.00 | 122.27 13.80 0.00 | 56.72 6.54 0.00 | 49.67 5.82 0.00 | 47.75 5.45 -2.33 | 51.67 4.53 -12.62 | 44.34 4.83 -1.79 | 42.14 4.54 0.00 | 35.58 3.62 0.00 |
| HUDSON AVE_GT_3 23810 | 42.90 4.39 0.00 | 59.32 4.89 -10.66 | 41.29 3.99 0.00 | 36.26 3.35 0.00 | 49.71 4.36 0.00 | 45.42 3.82 0.00 | 41.62 3.93 0.00 | 43.74 4.29 0.00 | 49.53 5.05 0.00 | 51.51 5.44 0.00 | 87.10 9.72 0.00 | 72.33 8.39 -5.01 | 96.31 11.41 0.00 | 97.47 11.47 0.00 | 114.18 13.34 0.00 | 163.57 19.25 0.00 | 122.27 13.80 0.00 | 56.74 6.57 0.00 | 49.69 5.84 0.00 | 47.75 5.45 -2.33 | 51.69 4.54 -12.62 | 44.34 4.83 -1.79 | 42.25 4.65 0.00 | 35.69 3.73 0.00 |
| HUDSON AVE_GT_4 23540 | 42.90 4.39 0.00 | 59.32 4.89 -10.66 | 41.29 3.99 0.00 | 36.26 3.35 0.00 | 49.71 4.36 0.00 | 45.42 3.82 0.00 | 41.62 3.93 0.00 | 43.74 4.29 0.00 | 49.53 5.05 0.00 | 51.51 5.44 0.00 | 87.10 9.72 0.00 | 72.33 8.39 -5.01 | 96.31 11.41 0.00 | 97.47 11.47 0.00 | 114.18 13.34 0.00 | 163.57 19.25 0.00 | 122.27 13.80 0.00 | 56.74 6.57 0.00 | 49.69 5.84 0.00 | 47.75 5.45 -2.33 | 51.69 4.54 -12.62 | 44.34 4.83 -1.79 | 42.25 4.65 0.00 | 35.69 3.73 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| HUDSON_AVE_GT_5 23657 | 42.90 4.39 0.00 | 59.32 4.89 -10.66 | 41.29 3.99 0.00 | 36.26 3.35 0.00 | 49.71 4.36 0.00 | 45.42 3.82 0.00 | 41.62 3.93 0.00 | 43.74 4.29 0.00 | 49.53 5.05 0.00 | 51.51 5.44 0.00 | 87.10 9.72 0.00 | 72.33 8.39 -5.01 | 96.31 11.41 0.00 | 97.47 11.47 0.00 | 114.18 13.34 0.00 | 163.57 19.25 0.00 | 122.27 13.80 0.00 | 56.74 6.57 0.00 | 49.69 5.84 0.00 | 47.75 5.45 -2.33 | 51.69 4.54 -12.62 | 44.34 4.83 -1.79 | 42.25 4.65 0.00 | 35.69 3.73 0.00 |
| HUDSON_AVE_10 24168 | 42.66 4.16 0.00 | 58.94 4.51 -10.66 | 40.98 3.67 0.00 | 36.00 3.08 0.00 | 49.40 4.05 0.00 | 45.11 3.52 0.00 | 41.36 3.67 0.00 | 43.48 4.04 0.00 | 49.23 4.75 0.00 | 51.18 5.12 0.00 | 86.59 9.20 0.00 | 71.95 8.00 -5.01 | 95.81 10.91 0.00 | 96.96 10.96 0.00 | 113.49 12.65 0.00 | 162.57 18.26 0.00 | 121.58 13.11 0.00 | 56.42 6.24 0.00 | 49.41 5.57 0.00 | 47.49 5.18 -2.33 | 51.44 4.29 -12.62 | 44.06 4.55 -1.79 | 41.96 4.36 0.00 | 35.45 3.49 0.00 |
| HUNTLEY___63 23557 | 37.84 -0.66 0.00 | 44.16 -1.21 -1.61 | 35.85 -1.45 0.00 | 31.74 -1.17 0.00 | 43.58 -1.77 0.00 | 39.81 -1.78 0.00 | 36.06 -1.64 0.00 | 37.42 -2.02 0.00 | 41.86 -2.61 0.00 | 43.67 -2.39 0.00 | 73.89 -3.50 0.00 | 58.12 -1.59 -0.77 | 82.84 -2.06 0.00 | 85.28 -0.72 0.00 | 100.01 -0.83 0.00 | 143.34 -0.98 0.00 | 107.13 -1.34 0.00 | 50.13 -0.04 0.00 | 44.02 0.17 0.00 | 39.99 -0.35 -0.36 | 36.14 -0.33 -1.94 | 38.01 0.02 -0.27 | 37.86 0.27 0.00 | 32.25 0.29 0.00 |
| HUNTLEY___64 23558 | 37.84 -0.66 0.00 | 44.16 -1.21 -1.61 | 35.85 -1.45 0.00 | 31.74 -1.17 0.00 | 43.58 -1.77 0.00 | 39.81 -1.78 0.00 | 36.06 -1.64 0.00 | 37.42 -2.02 0.00 | 41.86 -2.61 0.00 | 43.67 -2.39 0.00 | 73.89 -3.50 0.00 | 58.12 -1.59 -0.77 | 82.84 -2.06 0.00 | 85.28 -0.72 0.00 | 100.01 -0.83 0.00 | 143.34 -0.98 0.00 | 107.13 -1.34 0.00 | 50.13 -0.04 0.00 | 44.02 0.17 0.00 | 39.99 -0.35 -0.36 | 36.14 -0.33 -1.94 | 38.01 0.02 -0.27 | 37.86 0.27 0.00 | 32.25 0.29 0.00 |
| HUNTLEY___65 23559 | 37.84 -0.66 0.00 | 44.16 -1.21 -1.61 | 35.85 -1.45 0.00 | 31.74 -1.17 0.00 | 43.58 -1.77 0.00 | 39.81 -1.78 0.00 | 36.06 -1.64 0.00 | 37.42 -2.02 0.00 | 41.86 -2.61 0.00 | 43.67 -2.39 0.00 | 73.89 -3.50 0.00 | 58.12 -1.59 -0.77 | 82.84 -2.06 0.00 | 85.28 -0.72 0.00 | 100.01 -0.83 0.00 | 143.34 -0.98 0.00 | 107.13 -1.34 0.00 | 50.13 -0.04 0.00 | 44.02 0.17 0.00 | 39.99 -0.35 -0.36 | 36.14 -0.33 -1.94 | 38.01 0.02 -0.27 | 37.86 0.27 0.00 | 32.25 0.29 0.00 |
| HUNTLEY___66 23560 | 37.84 -0.66 0.00 | 44.16 -1.21 -1.61 | 35.85 -1.45 0.00 | 31.74 -1.17 0.00 | 43.58 -1.77 0.00 | 39.81 -1.78 0.00 | 36.06 -1.64 0.00 | 37.42 -2.02 0.00 | 41.86 -2.61 0.00 | 43.67 -2.39 0.00 | 73.89 -3.50 0.00 | 58.12 -1.59 -0.77 | 82.84 -2.06 0.00 | 85.28 -0.72 0.00 | 100.01 -0.83 0.00 | 143.34 -0.98 0.00 | 107.13 -1.34 0.00 | 50.13 -0.04 0.00 | 44.02 0.17 0.00 | 39.99 -0.35 -0.36 | 36.14 -0.33 -1.94 | 38.01 0.02 -0.27 | 37.86 0.27 0.00 | 32.25 0.29 0.00 |
| HUNTLEY___67 23561 | 37.65 -0.86 0.00 | 43.97 -1.42 -1.62 | 35.64 -1.66 0.00 | 31.57 -1.34 0.00 | 43.33 -2.02 0.00 | 39.62 -1.98 0.00 | 35.85 -1.84 0.00 | 37.18 -2.26 0.00 | 41.54 -2.93 0.00 | 43.27 -2.79 0.00 | 73.20 -4.19 0.00 | 57.64 -2.08 -0.78 | 82.09 -2.81 0.00 | 84.51 -1.49 0.00 | 99.08 -1.76 0.00 | 142.04 -2.27 0.00 | 106.20 -2.26 0.00 | 49.76 -0.41 0.00 | 43.70 -0.15 0.00 | 39.72 -0.62 -0.36 | 35.97 -0.52 -1.96 | 37.81 -0.18 -0.27 | 37.71 0.11 0.00 | 32.04 0.07 0.00 |
| HUNTLEY___68 23562 | 37.64 -0.86 0.00 | 43.97 -1.42 -1.62 | 35.64 -1.66 0.00 | 31.57 -1.34 0.00 | 43.33 -2.02 0.00 | 39.62 -1.98 0.00 | 35.85 -1.84 0.00 | 37.18 -2.27 0.00 | 41.54 -2.93 0.00 | 43.27 -2.79 0.00 | 73.20 -4.19 0.00 | 57.63 -2.08 -0.78 | 82.08 -2.81 0.00 | 84.50 -1.49 0.00 | 99.07 -1.77 0.00 | 142.04 -2.28 0.00 | 106.20 -2.27 0.00 | 49.76 -0.42 0.00 | 43.70 -0.15 0.00 | 39.72 -0.62 -0.36 | 35.96 -0.52 -1.96 | 37.81 -0.18 -0.27 | 37.71 0.11 0.00 | 32.04 0.07 0.00 |
| INDECK___CORINTH 23802 | 39.61 1.11 0.00 | 59.77 1.88 -14.13 | 39.56 2.25 0.00 | 34.90 1.99 0.00 | 48.34 2.99 0.00 | 44.65 3.06 0.00 | 40.25 2.56 0.00 | 41.87 2.42 0.00 | 47.27 2.79 0.00 | 48.36 2.30 0.00 | 80.70 3.31 0.00 | 67.11 1.58 -6.60 | 87.54 2.65 0.00 | 88.18 2.18 0.00 | 103.83 2.99 0.00 | 149.33 5.02 0.00 | 112.11 3.65 0.00 | 51.25 1.08 0.00 | 44.50 0.65 0.00 | 44.15 1.10 -3.08 | 52.65 1.42 -16.70 | 41.71 1.61 -2.38 | 39.04 1.44 0.00 | 33.21 1.25 0.00 |
| INDECK___ILION 23567 | 39.54 1.04 0.00 | 44.69 1.15 0.23 | 38.29 0.98 0.00 | 33.72 0.80 0.00 | 46.42 1.07 0.00 | 42.43 0.84 0.00 | 38.59 0.90 0.00 | 40.44 1.00 0.00 | 45.77 1.30 0.00 | 47.28 1.22 0.00 | 79.49 2.10 0.00 | 60.69 1.88 0.12 | 87.35 2.45 0.00 | 88.51 2.51 0.00 | 103.83 2.99 0.00 | 148.80 4.48 0.00 | 111.50 3.03 0.00 | 51.71 1.54 0.00 | 45.23 1.39 0.00 | 41.24 1.32 0.06 | 35.39 1.17 0.31 | 38.90 1.22 0.04 | 38.73 1.13 0.00 | 32.89 0.93 0.00 |
| INDECK___OLEAN 23982 | 38.98 0.48 0.00 | 45.34 -0.22 -1.80 | 36.77 -0.53 0.00 | 32.57 -0.34 0.00 | 44.88 -0.47 0.00 | 40.45 -1.14 0.00 | 37.01 -0.68 0.00 | 39.36 -0.09 0.00 | 44.92 0.45 0.00 | 46.95 0.89 0.00 | 80.02 2.63 0.00 | 63.38 3.59 -0.85 | 89.82 4.92 0.00 | 91.44 5.44 0.00 | 106.84 6.00 0.00 | 152.49 8.18 0.00 | 114.14 5.67 0.00 | 53.41 3.24 0.00 | 46.41 2.56 0.00 | 42.27 1.90 -0.40 | 38.75 2.07 -2.15 | 40.27 2.25 -0.30 | 39.60 2.00 0.00 | 33.40 1.43 0.00 |
| INDECK___OSWEGO 23783 | 36.58 -1.92 0.00 | 42.27 -2.26 -0.77 | 35.42 -1.88 0.00 | 31.36 -1.55 0.00 | 43.45 -1.90 0.00 | 40.08 -1.52 0.00 | 36.22 -1.48 0.00 | 37.78 -1.66 0.00 | 42.51 -1.96 0.00 | 44.01 -2.06 0.00 | 73.87 -3.52 0.00 | 56.16 -3.13 -0.35 | 80.66 -4.24 0.00 | 81.78 -4.22 0.00 | 95.87 -4.97 0.00 | 136.74 -7.57 0.00 | 103.03 -5.44 0.00 | 47.63 -2.55 0.00 | 41.59 -2.25 0.00 | 38.06 -2.08 -0.16 | 33.59 -1.83 -0.89 | 35.93 -1.92 -0.13 | 35.75 -1.85 0.00 | 30.37 -1.59 0.00 |
| INDECK___YERKES 23781 | 37.81 -0.69 0.00 | 44.14 -1.23 -1.61 | 35.84 -1.47 0.00 | 31.73 -1.18 0.00 | 43.56 -1.80 0.00 | 39.79 -1.81 0.00 | 36.03 -1.66 0.00 | 37.39 -2.06 0.00 | 41.81 -2.66 0.00 | 43.62 -2.44 0.00 | 73.80 -3.59 0.00 | 58.05 -1.66 -0.77 | 82.73 -2.17 0.00 | 85.18 -0.82 0.00 | 99.90 -0.94 0.00 | 143.17 -1.14 0.00 | 107.01 -1.46 0.00 | 50.08 -0.10 0.00 | 43.97 0.13 0.00 | 39.95 -0.39 -0.36 | 36.11 -0.36 -1.94 | 37.98 -0.01 -0.27 | 37.84 0.24 0.00 | 32.24 0.27 0.00 |
| INDIAN POINT_GT_1 24139 | 42.02 3.52 0.00 | 58.25 3.87 -10.62 | 40.40 3.10 0.00 | 35.50 2.59 0.00 | 48.67 3.32 0.00 | 44.45 2.86 0.00 | 40.67 2.97 0.00 | 42.71 3.26 0.00 | 48.38 3.91 0.00 | 50.24 4.18 0.00 | 84.95 7.56 0.00 | 70.65 6.75 -4.96 | 94.08 9.18 0.00 | 95.37 9.38 0.00 | 111.77 10.93 0.00 | 160.12 15.80 0.00 | 119.68 11.22 0.00 | 55.56 5.39 0.00 | 48.65 4.81 0.00 | 46.70 4.42 -2.31 | 50.70 3.65 -12.53 | 43.38 3.88 -1.79 | 41.36 3.76 0.00 | 34.96 3.00 0.00 |
| INDIAN POINT_GT_2 23659 | 42.02 3.52 0.00 | 58.25 3.87 -10.62 | 40.40 3.10 0.00 | 35.50 2.59 0.00 | 48.67 3.32 0.00 | 44.45 2.86 0.00 | 40.67 2.97 0.00 | 42.71 3.26 0.00 | 48.38 3.91 0.00 | 50.24 4.18 0.00 | 84.95 7.56 0.00 | 70.65 6.75 -4.96 | 94.08 9.18 0.00 | 95.37 9.38 0.00 | 111.77 10.93 0.00 | 160.12 15.80 0.00 | 119.68 11.22 0.00 | 55.56 5.39 0.00 | 48.65 4.81 0.00 | 46.70 4.42 -2.31 | 50.70 3.65 -12.53 | 43.38 3.88 -1.79 | 41.36 3.76 0.00 | 34.96 3.00 0.00 |
| INDIAN POINT_GT_3 24019 | 42.02 3.52 0.00 | 58.25 3.87 -10.62 | 40.40 3.10 0.00 | 35.50 2.59 0.00 | 48.67 3.32 0.00 | 44.45 2.86 0.00 | 40.67 2.97 0.00 | 42.71 3.26 0.00 | 48.38 3.91 0.00 | 50.24 4.18 0.00 | 84.95 7.56 0.00 | 70.65 6.75 -4.96 | 94.08 9.18 0.00 | 95.37 9.38 0.00 | 111.77 10.93 0.00 | 160.12 15.80 0.00 | 119.68 11.22 0.00 | 55.56 5.39 0.00 | 48.65 4.81 0.00 | 46.70 4.42 -2.31 | 50.70 3.65 -12.53 | 43.38 3.88 -1.79 | 41.36 3.76 0.00 | 34.96 3.00 0.00 |

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| INDIAN POINT___2 23530 | 41.77 3.26 0.00 | 57.76 3.53 -10.46 | 40.11 2.81 0.00 | 35.24 2.33 0.00 | 48.38 3.03 0.00 | 44.20 2.60 0.00 | 40.43 2.74 0.00 | 42.46 3.01 0.00 | 48.10 3.62 0.00 | 49.96 3.89 0.00 | 84.47 7.08 0.00 | 70.22 6.37 -4.91 | 93.53 8.63 0.00 | 94.84 8.84 0.00 | 111.15 10.31 0.00 | 159.21 14.90 0.00 | 119.01 10.54 0.00 | 55.25 5.08 0.00 | 48.39 4.55 0.00 | 46.45 4.19 -2.28 | 50.37 3.46 -12.38 | 43.14 3.66 -1.76 | 41.11 3.51 0.00 | 34.81 2.84 0.00 |
| INDIAN POINT___3 23531 | 41.64 3.14 0.00 | 57.83 3.44 -10.62 | 40.04 2.74 0.00 | 35.19 2.28 0.00 | 48.27 2.92 0.00 | 44.09 2.49 0.00 | 40.32 2.63 0.00 | 42.33 2.89 0.00 | 47.95 3.47 0.00 | 49.78 3.71 0.00 | 84.13 6.75 0.00 | 70.00 6.10 -4.97 | 93.14 8.24 0.00 | 94.42 8.43 0.00 | 110.66 9.82 0.00 | 158.53 14.22 0.00 | 118.51 10.04 0.00 | 55.02 4.85 0.00 | 48.20 4.35 0.00 | 46.30 4.01 -2.31 | 50.39 3.33 -12.53 | 43.03 3.52 -1.79 | 40.99 3.39 0.00 | 34.66 2.70 0.00 |
| INDIAN PT_GT_GRP 23687 | 42.02 3.52 0.00 | 58.25 3.87 -10.62 | 40.40 3.10 0.00 | 35.50 2.59 0.00 | 48.67 3.32 0.00 | 44.45 2.86 0.00 | 40.67 2.97 0.00 | 42.71 3.26 0.00 | 48.38 3.91 0.00 | 50.24 4.18 0.00 | 84.95 7.56 0.00 | 70.65 6.75 -4.96 | 94.08 9.18 0.00 | 95.37 9.38 0.00 | 111.77 10.93 0.00 | 160.12 15.80 0.00 | 119.68 11.22 0.00 | 55.56 5.39 0.00 | 48.65 4.81 0.00 | 46.70 4.42 -2.31 | 50.70 3.65 -12.53 | 43.38 3.88 -1.79 | 41.36 3.76 0.00 | 34.96 3.00 0.00 |
| IP CORINTH___1 23988 | 39.61 1.11 0.00 | 59.77 1.88 -14.13 | 39.56 2.25 0.00 | 34.90 1.99 0.00 | 48.34 2.99 0.00 | 44.65 3.06 0.00 | 40.25 2.56 0.00 | 41.87 2.42 0.00 | 47.27 2.79 0.00 | 48.36 2.30 0.00 | 80.70 3.31 0.00 | 67.11 1.58 -6.60 | 87.54 2.65 0.00 | 88.18 2.18 0.00 | 103.83 2.99 0.00 | 149.33 5.02 0.00 | 112.11 3.65 0.00 | 51.25 1.08 0.00 | 44.50 0.65 0.00 | 44.15 1.10 -3.08 | 52.65 1.42 -16.70 | 41.71 1.61 -2.38 | 39.04 1.44 0.00 | 33.21 1.25 0.00 |
| IP___TICONDEROGA 23804 | 41.70 3.20 0.00 | 61.58 4.23 -13.59 | 41.07 3.77 0.00 | 36.00 3.09 0.00 | 49.80 4.44 0.00 | 46.00 4.41 0.00 | 41.42 3.73 0.00 | 43.56 4.11 0.00 | 49.36 4.88 0.00 | 50.90 4.84 0.00 | 84.53 7.14 0.00 | 69.54 4.23 -6.36 | 91.26 6.36 0.00 | 91.80 5.80 0.00 | 108.47 7.63 0.00 | 156.78 12.47 0.00 | 116.59 8.12 0.00 | 53.37 3.20 0.00 | 46.20 2.35 0.00 | 45.36 2.42 -2.97 | 52.77 2.14 -16.10 | 42.23 2.22 -2.29 | 39.74 2.14 0.00 | 34.20 2.23 0.00 |
| JARVIS____ 23743 | 38.90 0.40 0.00 | 43.98 0.44 0.23 | 37.69 0.38 0.00 | 33.24 0.33 0.00 | 45.82 0.47 0.00 | 42.01 0.42 0.00 | 38.09 0.39 0.00 | 39.85 0.41 0.00 | 44.97 0.49 0.00 | 46.52 0.46 0.00 | 78.18 0.79 0.00 | 59.48 0.67 0.12 | 85.79 0.89 0.00 | 86.90 0.90 0.00 | 101.91 1.07 0.00 | 145.85 1.54 0.00 | 109.54 1.08 0.00 | 50.73 0.55 0.00 | 44.35 0.50 0.00 | 40.39 0.47 0.06 | 34.63 0.41 0.31 | 38.12 0.44 0.04 | 38.03 0.43 0.00 | 32.31 0.35 0.00 |
| JENNISON___1 23625 | 41.72 3.22 0.00 | 50.83 3.48 -3.59 | 40.13 2.82 0.00 | 35.31 2.40 0.00 | 48.58 3.23 0.00 | 44.49 2.90 0.00 | 40.55 2.86 0.00 | 42.60 3.15 0.00 | 48.28 3.80 0.00 | 50.02 3.96 0.00 | 84.57 7.19 0.00 | 66.68 6.04 -1.70 | 93.36 8.47 0.00 | 94.59 8.59 0.00 | 110.78 9.94 0.00 | 158.56 14.24 0.00 | 118.52 10.05 0.00 | 54.74 4.56 0.00 | 48.26 4.41 0.00 | 44.60 3.83 -0.79 | 42.03 3.22 -4.29 | 41.75 3.43 -0.60 | 40.93 3.33 0.00 | 34.62 2.65 0.00 |
| JENNISON___2 23626 | 41.68 3.17 0.00 | 50.79 3.43 -3.59 | 40.06 2.76 0.00 | 35.27 2.36 0.00 | 48.53 3.18 0.00 | 44.44 2.85 0.00 | 40.50 2.81 0.00 | 42.53 3.09 0.00 | 48.19 3.71 0.00 | 49.92 3.86 0.00 | 84.38 6.99 0.00 | 66.52 5.88 -1.70 | 93.13 8.23 0.00 | 94.34 8.34 0.00 | 110.48 9.64 0.00 | 158.14 13.82 0.00 | 118.20 9.73 0.00 | 54.58 4.41 0.00 | 48.14 4.29 0.00 | 44.50 3.73 -0.79 | 41.95 3.14 -4.29 | 41.65 3.33 -0.60 | 40.78 3.18 0.00 | 34.56 2.59 0.00 |
| KEDC PORT_JEFF_GT2 24210 | 103.73 3.38 -61.85 | 106.78 4.07 -58.95 | 81.68 4.01 -40.36 | 37.24 3.78 -0.55 | 70.40 4.99 -20.06 | 45.91 4.04 -0.28 | 44.77 3.43 -3.64 | 56.54 3.58 -13.52 | 82.35 3.87 -34.00 | 98.32 3.21 -49.05 | 114.66 5.60 -31.68 | 122.37 5.40 -58.03 | 119.35 7.76 -26.69 | 116.41 8.57 -21.85 | 119.52 9.48 -9.20 | 159.49 13.10 -2.08 | 124.58 8.82 -7.29 | 121.78 4.12 -67.49 | 124.97 3.68 -77.44 | 120.78 3.21 -77.60 | 125.25 2.49 -88.24 | 125.20 2.42 -85.06 | 133.16 2.25 -93.31 | 126.09 1.94 -92.18 |
| KEDC PORT_JEFF_GT3 24211 | 103.73 3.38 -61.85 | 106.78 4.07 -58.95 | 81.68 4.01 -40.36 | 37.24 3.78 -0.55 | 70.40 4.99 -20.06 | 45.91 4.04 -0.28 | 44.77 3.43 -3.64 | 56.54 3.58 -13.52 | 82.35 3.87 -34.00 | 98.32 3.21 -49.05 | 114.66 5.60 -31.68 | 122.37 5.40 -58.03 | 119.35 7.76 -26.69 | 116.41 8.57 -21.85 | 119.52 9.48 -9.20 | 159.49 13.10 -2.08 | 124.58 8.82 -7.29 | 121.78 4.12 -67.49 | 124.97 3.68 -77.44 | 120.78 3.21 -77.60 | 125.25 2.49 -88.24 | 125.20 2.42 -85.06 | 133.16 2.25 -93.31 | 126.09 1.94 -92.18 |
| KEDC_GLWD_GRP 24221 | 103.92 3.57 -61.85 | 106.93 4.19 -58.97 | 81.05 3.38 -40.36 | 36.24 2.78 -0.55 | 69.11 3.71 -20.06 | 45.14 3.27 -0.28 | 44.98 3.64 -3.64 | 56.69 3.73 -13.52 | 82.82 4.34 -34.00 | 99.76 4.65 -49.05 | 117.28 8.22 -31.68 | 124.28 7.31 -58.03 | 121.61 10.02 -26.69 | 118.13 10.28 -21.85 | 122.09 12.05 -9.20 | 163.88 17.48 -2.08 | 128.20 12.44 -7.29 | 123.59 5.93 -67.49 | 126.54 5.25 -77.44 | 122.34 4.76 -77.60 | 126.72 3.96 -88.24 | 126.94 4.15 -85.06 | 134.81 3.90 -93.31 | 127.25 3.10 -92.18 |
| KEDC_GLWD_GT4 24219 | 103.92 3.57 -61.85 | 106.90 4.19 -58.95 | 81.05 3.38 -40.36 | 36.24 2.78 -0.55 | 69.11 3.71 -20.06 | 45.14 3.27 -0.28 | 44.98 3.64 -3.64 | 56.69 3.73 -13.52 | 82.82 4.34 -34.00 | 99.76 4.65 -49.05 | 117.28 8.22 -31.68 | 124.28 7.31 -58.03 | 121.61 10.02 -26.69 | 118.13 10.28 -21.85 | 122.09 12.05 -9.20 | 163.88 17.48 -2.08 | 128.20 12.44 -7.29 | 123.59 5.93 -67.49 | 126.54 5.25 -77.44 | 122.34 4.76 -77.60 | 126.72 3.96 -88.24 | 126.93 4.15 -85.06 | 134.81 3.90 -93.31 | 127.25 3.10 -92.18 |
| KEDC_GLWD_GT5 24220 | 103.92 3.57 -61.85 | 106.90 4.19 -58.95 | 81.05 3.38 -40.36 | 36.24 2.78 -0.55 | 69.11 3.71 -20.06 | 45.14 3.27 -0.28 | 44.98 3.64 -3.64 | 56.69 3.73 -13.52 | 82.82 4.34 -34.00 | 99.76 4.65 -49.05 | 117.28 8.22 -31.68 | 124.28 7.31 -58.03 | 121.61 10.02 -26.69 | 118.13 10.28 -21.85 | 122.09 12.05 -9.20 | 163.88 17.48 -2.08 | 128.20 12.44 -7.29 | 123.59 5.93 -67.49 | 126.54 5.25 -77.44 | 122.34 4.76 -77.60 | 126.72 3.96 -88.24 | 126.93 4.15 -85.06 | 134.81 3.90 -93.31 | 127.25 3.10 -92.18 |
| KENSICO____ 23655 | 42.38 3.88 0.00 | 58.68 4.26 -10.65 | 40.76 3.46 0.00 | 35.81 2.90 0.00 | 49.08 3.72 0.00 | 44.82 3.23 0.00 | 41.02 3.32 0.00 | 43.08 3.63 0.00 | 48.80 4.32 0.00 | 50.68 4.62 0.00 | 85.68 8.30 0.00 | 71.23 7.29 -5.00 | 94.84 9.94 0.00 | 96.11 10.11 0.00 | 112.63 11.79 0.00 | 161.35 17.04 0.00 | 120.61 12.15 0.00 | 55.98 5.81 0.00 | 49.02 5.18 0.00 | 47.08 4.78 -2.32 | 51.09 3.96 -12.60 | 43.71 4.20 -1.79 | 41.68 4.08 0.00 | 35.24 3.27 0.00 |
| KIAC_JFK_AIRPORT 23541 | 168.53 3.98 -126.05 | 144.02 4.20 -96.05 | 210.26 3.46 -169.50 | 166.62 2.94 -130.77 | 49.14 3.79 0.00 | 44.83 3.24 0.00 | 108.34 3.45 -67.19 | 115.00 3.91 -71.65 | 102.39 4.61 -53.30 | 100.37 4.98 -49.33 | 121.07 9.04 -34.64 | 115.98 7.92 -49.12 | 111.56 10.89 -15.78 | 116.52 10.94 -19.59 | 113.26 12.42 0.00 | 162.71 17.91 -0.48 | 131.22 12.95 -9.80 | 130.21 6.17 -73.87 | 135.98 5.51 -86.62 | 130.09 5.10 -85.01 | 170.15 4.20 -131.43 | 131.20 4.42 -89.06 | 137.03 4.23 -95.19 | 129.36 3.39 -94.01 |
| KINTIGH____ 23543 | 37.01 -1.49 0.00 | 43.10 -2.06 -1.40 | 35.18 -2.12 0.00 | 31.15 -1.76 0.00 | 42.76 -2.59 0.00 | 38.97 -2.63 0.00 | 35.23 -2.46 0.00 | 36.56 -2.88 0.00 | 41.01 -3.47 0.00 | 42.72 -3.34 0.00 | 72.25 -5.13 0.00 | 56.78 -2.82 -0.66 | 80.86 -4.03 0.00 | 82.86 -3.13 0.00 | 97.11 -3.73 0.00 | 138.99 -5.33 0.00 | 104.13 -4.34 0.00 | 49.03 -1.14 0.00 | 42.81 -1.03 0.00 | 38.97 -1.32 -0.31 | 35.22 -0.97 -1.67 | 37.19 -0.76 -0.23 | 37.04 -0.56 0.00 | 31.44 -0.53 0.00 |

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| LEDERLE____ 23769 | 41.86 3.35 0.00 | 57.49 3.46 -10.26 | 39.90 2.59 0.00 | 35.03 2.12 0.00 | 48.07 2.72 0.00 | 43.87 2.28 0.00 | 40.15 2.46 0.00 | 42.26 2.81 0.00 | 47.97 3.50 0.00 | 49.94 3.87 0.00 | 84.75 7.36 0.00 | 70.71 6.95 -4.82 | 94.54 9.64 0.00 | 96.17 10.17 0.00 | 112.82 11.98 0.00 | 161.56 17.25 0.00 | 120.62 12.16 0.00 | 56.05 5.88 0.00 | 49.10 5.25 0.00 | 46.93 4.72 -2.24 | 50.59 3.92 -12.15 | 43.57 4.12 -1.73 | 41.55 3.95 0.00 | 35.00 3.04 0.00 |
| LINDEN COGEN____ 23786 | 42.52 4.02 0.00 | 43.83 4.47 4.41 | 24.73 3.66 16.24 | 30.07 3.07 5.91 | 3.02 4.02 46.34 | 41.04 3.52 4.07 | 41.35 3.66 0.00 | 43.41 3.96 0.00 | 49.13 4.66 0.00 | 49.80 4.99 1.26 | 53.50 8.90 32.78 | 51.26 7.72 15.40 | 56.34 10.43 38.98 | 70.76 10.45 25.69 | 76.82 12.17 36.19 | 116.18 17.59 45.73 | 121.03 12.56 0.00 | 52.08 6.00 4.09 | 49.23 5.38 0.00 | 47.36 5.06 -2.33 | 51.35 4.20 -12.62 | 43.98 4.47 -1.79 | 41.89 4.29 0.00 | 35.39 3.43 0.00 |
| LIPA_MISC_IPP 23656 | 103.79 3.44 -61.85 | 106.83 4.12 -58.95 | 81.57 3.90 -40.36 | 37.05 3.59 -0.55 | 70.21 4.80 -20.06 | 45.81 3.94 -0.28 | 44.86 3.52 -3.64 | 56.83 3.86 -13.52 | 82.77 4.29 -34.00 | 98.59 3.48 -49.05 | 115.06 5.99 -31.68 | 122.69 5.72 -58.03 | 119.86 8.27 -26.69 | 116.73 8.88 -21.85 | 119.70 9.66 -9.20 | 160.00 13.60 -2.08 | 124.89 9.13 -7.29 | 121.91 4.25 -67.49 | 125.09 3.80 -77.44 | 120.89 3.31 -77.60 | 125.31 2.55 -88.24 | 125.28 2.50 -85.06 | 133.41 2.50 -93.31 | 126.34 2.20 -92.18 |
| LITTLE FALLS____HYD 24013 | 41.90 3.39 0.00 | 47.34 3.80 0.23 | 40.60 3.29 0.00 | 35.68 2.77 0.00 | 49.06 3.71 0.00 | 44.69 3.10 0.00 | 40.80 3.11 0.00 | 42.88 3.44 0.00 | 48.80 4.32 0.00 | 50.25 4.18 0.00 | 84.51 7.12 0.00 | 64.90 6.09 0.12 | 92.98 8.09 0.00 | 94.30 8.30 0.00 | 110.70 9.86 0.00 | 159.02 14.71 0.00 | 118.60 10.13 0.00 | 55.19 5.02 0.00 | 48.31 4.46 0.00 | 44.12 4.20 0.06 | 37.94 3.72 0.31 | 41.60 3.92 0.04 | 41.27 3.67 0.00 | 34.96 3.00 0.00 |
| LONG_LAKE_PHOENIX 24014 | 37.08 -1.42 0.00 | 42.85 -1.70 -0.79 | 35.90 -1.41 0.00 | 31.80 -1.11 0.00 | 44.00 -1.35 0.00 | 40.56 -1.03 0.00 | 36.66 -1.03 0.00 | 38.30 -1.15 0.00 | 42.95 -1.52 0.00 | 44.18 -1.88 0.00 | 74.21 -3.18 0.00 | 56.55 -2.76 -0.37 | 81.15 -3.74 0.00 | 82.33 -3.67 0.00 | 96.51 -4.33 0.00 | 137.61 -6.70 0.00 | 103.65 -4.82 0.00 | 47.92 -2.26 0.00 | 41.87 -1.98 0.00 | 38.31 -1.84 -0.17 | 33.82 -1.65 -0.94 | 36.12 -1.74 -0.13 | 36.14 -1.46 0.00 | 30.78 -1.18 0.00 |
| LOVETT____3 23632 | 41.53 3.03 0.00 | 57.13 3.08 -10.29 | 39.67 2.37 0.00 | 34.80 1.89 0.00 | 47.76 2.41 0.00 | 43.58 1.99 0.00 | 39.85 2.16 0.00 | 41.89 2.45 0.00 | 47.48 3.00 0.00 | 49.37 3.30 0.00 | 83.68 6.29 0.00 | 69.86 6.09 -4.84 | 93.25 8.35 0.00 | 94.77 8.77 0.00 | 111.07 10.23 0.00 | 159.17 14.85 0.00 | 118.91 10.45 0.00 | 55.28 5.10 0.00 | 48.49 4.64 0.00 | 46.40 4.17 -2.25 | 50.16 3.43 -12.20 | 43.09 3.64 -1.73 | 41.15 3.55 0.00 | 34.72 2.76 0.00 |
| LOVETT____4 23642 | 41.50 3.00 0.00 | 57.11 3.05 -10.29 | 39.61 2.30 0.00 | 34.79 1.88 0.00 | 47.73 2.38 0.00 | 43.55 1.96 0.00 | 39.82 2.13 0.00 | 41.86 2.41 0.00 | 47.43 2.96 0.00 | 49.32 3.25 0.00 | 83.59 6.21 0.00 | 69.79 6.01 -4.84 | 93.15 8.25 0.00 | 94.66 8.66 0.00 | 110.93 10.09 0.00 | 158.97 14.66 0.00 | 118.77 10.30 0.00 | 55.21 5.03 0.00 | 48.43 4.59 0.00 | 46.35 4.12 -2.25 | 50.12 3.39 -12.20 | 43.04 3.60 -1.73 | 41.11 3.51 0.00 | 34.69 2.73 0.00 |
| LOVETT____5 23593 | 41.54 3.04 0.00 | 57.15 3.10 -10.29 | 39.69 2.38 0.00 | 34.81 1.90 0.00 | 47.79 2.44 0.00 | 43.60 2.01 0.00 | 39.87 2.18 0.00 | 41.91 2.47 0.00 | 47.51 3.03 0.00 | 49.40 3.33 0.00 | 83.73 6.35 0.00 | 69.91 6.13 -4.84 | 93.31 8.42 0.00 | 94.83 8.84 0.00 | 111.13 10.29 0.00 | 159.27 14.96 0.00 | 118.99 10.52 0.00 | 55.31 5.14 0.00 | 48.52 4.67 0.00 | 46.43 4.20 -2.25 | 50.19 3.46 -12.20 | 43.11 3.66 -1.73 | 41.17 3.57 0.00 | 34.73 2.77 0.00 |
| LOWER RAQUET____HYD 24057 | 37.00 -1.50 0.00 | 42.13 -1.61 0.02 | 36.05 -1.26 0.00 | 31.65 -1.26 0.00 | 43.57 -1.78 0.00 | 40.13 -1.46 0.00 | 36.24 -1.45 0.00 | 37.93 -1.52 0.00 | 42.58 -1.90 0.00 | 44.40 -1.66 0.00 | 74.68 -2.71 0.00 | 56.57 -2.35 0.02 | 82.16 -2.74 0.00 | 82.69 -3.31 0.00 | 96.94 -3.90 0.00 | 138.90 -5.42 0.00 | 105.50 -2.97 0.00 | 48.13 -2.05 0.00 | 41.84 -2.01 0.00 | 38.18 -1.79 0.01 | 32.93 -1.54 0.05 | 36.06 -1.65 0.00 | 36.02 -1.58 0.00 | 30.64 -1.32 0.00 |
| LOWER____HUDSON 24059 | 40.00 1.50 0.00 | 59.48 2.07 -13.64 | 39.48 2.18 0.00 | 34.86 1.95 0.00 | 48.05 2.70 0.00 | 44.16 2.57 0.00 | 39.76 2.07 0.00 | 41.51 2.06 0.00 | 46.77 2.30 0.00 | 48.11 2.04 0.00 | 80.26 2.87 0.00 | 66.68 1.33 -6.41 | 87.13 2.24 0.00 | 87.56 1.57 0.00 | 102.91 2.07 0.00 | 147.73 3.42 0.00 | 111.23 2.76 0.00 | 50.94 0.77 0.00 | 44.52 0.67 0.00 | 43.98 1.01 -2.99 | 51.68 0.92 -16.23 | 40.94 0.90 -2.32 | 38.53 0.93 0.00 | 32.98 1.02 0.00 |
| MG INDUSTRY____DRP 24185 | 39.50 1.00 0.00 | 58.54 1.36 -13.42 | 38.66 1.36 0.00 | 34.13 1.22 0.00 | 46.97 1.62 0.00 | 43.10 1.51 0.00 | 38.70 1.01 0.00 | 40.52 1.08 0.00 | 45.61 1.13 0.00 | 47.05 0.99 0.00 | 78.69 1.30 0.00 | 65.47 0.23 -6.30 | 85.54 0.64 0.00 | 85.85 -0.14 0.00 | 100.74 -0.10 0.00 | 144.26 -0.06 0.00 | 109.06 0.59 0.00 | 49.86 -0.32 0.00 | 43.62 -0.22 0.00 | 43.05 0.14 -2.94 | 50.53 0.06 -15.94 | 39.93 -0.05 -2.26 | 37.57 -0.03 0.00 | 32.16 0.19 0.00 |
| MILLIKEN____1 23584 | 37.59 -0.91 0.00 | 44.52 -1.02 -1.78 | 36.35 -0.95 0.00 | 32.22 -0.69 0.00 | 43.06 -2.29 0.00 | 38.92 -2.67 0.00 | 35.53 -2.17 0.00 | 37.72 -1.72 0.00 | 42.98 -1.49 0.00 | 45.04 -1.02 0.00 | 76.20 -1.19 0.00 | 59.06 -0.71 -0.84 | 84.35 -0.55 0.00 | 86.10 0.11 0.00 | 100.88 0.04 0.00 | 143.93 -0.38 0.00 | 108.46 -0.01 0.00 | 50.14 -0.03 0.00 | 43.21 -0.64 0.00 | 39.57 -0.80 -0.39 | 35.76 -0.88 -2.11 | 37.31 -0.70 -0.30 | 36.78 -0.81 0.00 | 31.36 -0.60 0.00 |
| MILLIKEN____2 23585 | 37.56 -0.94 0.00 | 44.48 -1.06 -1.78 | 36.32 -0.98 0.00 | 32.17 -0.74 0.00 | 43.02 -2.33 0.00 | 38.91 -2.68 0.00 | 35.52 -2.17 0.00 | 37.71 -1.73 0.00 | 42.97 -1.50 0.00 | 45.03 -1.04 0.00 | 76.18 -1.21 0.00 | 59.05 -0.73 -0.84 | 84.33 -0.56 0.00 | 86.08 0.09 0.00 | 100.85 0.01 0.00 | 143.91 -0.41 0.00 | 108.43 -0.03 0.00 | 50.13 -0.04 0.00 | 43.20 -0.65 0.00 | 39.56 -0.80 -0.39 | 35.75 -0.88 -2.11 | 37.31 -0.71 -0.30 | 36.77 -0.83 0.00 | 31.32 -0.64 0.00 |
| MILLIKEN____DIESEL 23629 | 37.56 -0.94 0.00 | 44.48 -1.06 -1.78 | 36.32 -0.98 0.00 | 32.17 -0.74 0.00 | 43.02 -2.33 0.00 | 38.91 -2.68 0.00 | 35.52 -2.17 0.00 | 37.71 -1.73 0.00 | 42.97 -1.50 0.00 | 45.03 -1.04 0.00 | 76.18 -1.21 0.00 | 59.05 -0.73 -0.84 | 84.33 -0.56 0.00 | 86.08 0.09 0.00 | 100.85 0.01 0.00 | 143.91 -0.41 0.00 | 108.43 -0.03 0.00 | 50.13 -0.04 0.00 | 43.20 -0.65 0.00 | 39.56 -0.80 -0.39 | 35.75 -0.88 -2.11 | 37.31 -0.71 -0.30 | 36.77 -0.83 0.00 | 31.32 -0.64 0.00 |
| MODEL_CITY_ENERGY 24167 | 37.76 -0.74 0.00 | 44.19 -1.17 -1.59 | 35.85 -1.45 0.00 | 31.72 -1.19 0.00 | 43.58 -1.77 0.00 | 39.89 -1.70 0.00 | 36.05 -1.65 0.00 | 37.25 -2.20 0.00 | 41.53 -2.94 0.00 | 43.29 -2.78 0.00 | 73.15 -4.24 0.00 | 57.45 -2.24 -0.75 | 81.90 -3.00 0.00 | 84.32 -1.68 0.00 | 98.92 -1.92 0.00 | 141.85 -2.46 0.00 | 106.04 -2.43 0.00 | 49.65 -0.53 0.00 | 43.64 -0.21 0.00 | 39.66 -0.67 -0.35 | 35.81 -0.62 -1.90 | 37.73 -0.26 -0.27 | 37.65 0.06 0.00 | 32.07 0.10 0.00 |
| MOHAWK_PAPER____DRP 24187 | 40.12 1.62 0.00 | 59.69 2.13 -13.80 | 39.45 2.15 0.00 | 34.86 1.95 0.00 | 48.04 2.69 0.00 | 44.13 2.53 0.00 | 39.72 2.03 0.00 | 41.58 2.13 0.00 | 46.82 2.35 0.00 | 48.23 2.16 0.00 | 80.53 3.14 0.00 | 66.94 1.54 -6.46 | 87.44 2.55 0.00 | 87.80 1.80 0.00 | 103.12 2.28 0.00 | 147.82 3.51 0.00 | 111.57 3.10 0.00 | 51.01 0.84 0.00 | 44.63 0.78 0.00 | 44.07 1.07 -3.02 | 51.79 0.90 -16.36 | 40.89 0.85 -2.32 | 38.51 0.91 0.00 | 32.98 1.02 0.00 |

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| MONGAUP___HYD 23641 | 40.87 2.37 0.00 | 55.90 2.45 -9.69 | 39.08 1.78 0.00 | 34.36 1.45 0.00 | 47.24 1.88 0.00 | 43.10 1.50 0.00 | 39.33 1.64 0.00 | 41.29 1.85 0.00 | 46.76 2.28 0.00 | 48.48 2.41 0.00 | 81.97 4.59 0.00 | 68.05 4.56 -4.56 | 90.92 6.02 0.00 | 92.31 6.31 0.00 | 108.14 7.30 0.00 | 154.89 10.57 0.00 | 115.73 7.26 0.00 | 53.81 3.63 0.00 | 47.28 3.43 0.00 | 45.19 3.09 -2.12 | 48.58 2.57 -11.49 | 42.10 2.75 -1.63 | 40.29 2.69 0.00 | 34.06 2.10 0.00 |
| MONTAUK___DIESEL 23721 | 103.79 3.44 -61.85 | 106.83 4.12 -58.95 | 81.57 3.90 -40.36 | 37.05 3.59 -0.55 | 70.21 4.80 -20.06 | 45.81 3.94 -0.28 | 44.86 3.52 -3.64 | 56.83 3.86 -13.52 | 82.77 4.29 -34.00 | 98.59 3.48 -49.05 | 115.06 5.99 -31.68 | 122.69 5.72 -58.03 | 119.86 8.27 -26.69 | 116.73 8.88 -21.85 | 119.70 9.66 -9.20 | 160.00 13.60 -2.08 | 124.89 9.13 -7.29 | 121.91 4.25 -67.49 | 125.09 3.80 -77.44 | 120.89 3.31 -77.60 | 125.31 2.55 -88.24 | 125.28 2.50 -85.06 | 133.41 2.50 -93.31 | 126.34 2.20 -92.18 |
| N SALMON___HYD 24042 | 37.63 -0.88 0.00 | 42.35 -1.26 0.15 | 36.26 -1.04 0.00 | 32.02 -0.89 0.00 | 44.31 -1.04 0.00 | 40.92 -0.67 0.00 | 36.83 -0.86 0.00 | 38.18 -1.26 0.00 | 42.82 -1.66 0.00 | 44.48 -1.59 0.00 | 74.88 -2.51 0.00 | 56.67 -2.22 0.05 | 82.65 -2.25 0.00 | 83.53 -2.47 0.00 | 97.95 -2.89 0.00 | 139.98 -4.33 0.00 | 106.10 -2.37 0.00 | 48.75 -1.42 0.00 | 42.45 -1.39 0.00 | 38.74 -1.21 0.02 | 33.26 -1.14 0.13 | 36.69 -1.00 0.03 | 36.80 -0.80 0.00 | 31.19 -0.78 0.00 |
| N.E._GEN_SANDY PD 24062 | 32.00 2.99 10.91 | 31.21 2.50 12.25 | 28.32 2.39 13.25 | 27.88 2.12 7.82 | 28.05 2.28 11.67 | 27.73 2.12 15.14 | 30.30 2.40 12.75 | 33.95 2.84 9.47 | 39.41 3.16 8.28 | 93.19 4.19 -33.91 | 89.78 6.94 7.24 | 88.45 4.94 -21.76 | 284.00 3.84 -233.93 | 205.31 10.01 -74.74 | 156.28 11.22 -11.51 | 251.84 9.09 -130.47 | 112.18 3.71 0.00 | 51.63 1.45 0.00 | 45.16 1.32 0.00 | 44.19 1.43 -2.78 | 50.84 1.23 -15.09 | 41.10 1.24 -2.15 | 38.85 1.25 0.00 | 33.19 1.23 0.00 |
| NARROWS_GT1_1 24228 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT1_2 24229 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT1_3 24230 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT1_4 24231 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT1_5 24232 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT1_6 24233 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT1_7 24234 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT1_8 24235 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT1_GRP 23726 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT2_1 24236 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT2_2 24237 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT2_3 24238 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |

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| NARROWS_GT2_4 24239 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT2_5 24240 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT2_6 24241 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT2_7 24242 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT2_8 24243 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NARROWS_GT2_GRP 23741 | 47.77 3.62 -5.65 | 124.75 4.28 -76.71 | 132.44 3.73 -91.40 | 119.21 3.10 -83.20 | 88.15 4.10 -38.70 | 87.70 3.63 -42.48 | 88.14 3.81 -46.64 | 103.46 3.93 -60.08 | 104.24 4.51 -55.26 | 104.68 4.75 -53.86 | 97.01 8.30 -11.33 | 70.96 7.02 -5.01 | 94.23 9.33 0.00 | 95.32 9.32 0.00 | 258.35 10.99 -146.52 | 199.42 15.83 -39.28 | 138.70 11.29 -18.94 | 138.50 5.36 -82.97 | 138.60 4.78 -89.97 | 131.46 4.51 -86.98 | 121.52 3.73 -83.27 | 138.96 3.96 -97.29 | 138.63 3.79 -97.25 | 92.56 3.09 -57.51 |
| NEG CAPITAL___MECHNVIL 23645 | 40.00 1.50 0.00 | 59.60 2.07 -13.76 | 39.48 2.18 0.00 | 34.86 1.95 0.00 | 48.05 2.70 0.00 | 44.16 2.57 0.00 | 39.76 2.07 0.00 | 41.51 2.06 0.00 | 46.77 2.30 0.00 | 48.11 2.04 0.00 | 80.26 2.87 0.00 | 66.70 1.33 -6.43 | 87.13 2.24 0.00 | 87.56 1.57 0.00 | 102.91 2.07 0.00 | 147.73 3.42 0.00 | 111.23 2.76 0.00 | 50.94 0.77 0.00 | 44.52 0.67 0.00 | 44.00 1.01 -3.00 | 51.74 0.92 -16.29 | 40.94 0.90 -2.32 | 38.53 0.93 0.00 | 32.98 1.02 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 36.92 -1.59 0.00 | 42.72 -2.25 -1.21 | 34.95 -2.35 0.00 | 30.93 -1.99 0.00 | 42.02 -3.34 0.00 | 38.26 -3.33 0.00 | 34.75 -2.95 0.00 | 36.87 -2.57 0.00 | 42.14 -2.33 0.00 | 44.97 -1.09 0.00 | 76.30 -1.09 0.00 | 59.58 0.06 -0.58 | 86.17 1.27 0.00 | 89.14 3.15 0.00 | 104.55 3.71 0.00 | 149.35 5.04 0.00 | 112.76 4.30 0.00 | 52.39 2.22 0.00 | 44.88 1.04 0.00 | 40.63 0.38 -0.27 | 35.97 -0.02 -1.46 | 38.50 0.58 -0.20 | 38.09 0.49 0.00 | 31.73 -0.23 0.00 |
| NEG CENTRAL___DRP 24199 | 37.25 -1.25 0.00 | 43.51 -1.62 -1.37 | 35.88 -1.43 0.00 | 31.86 -1.05 0.00 | 43.64 -1.71 0.00 | 39.79 -1.80 0.00 | 36.03 -1.66 0.00 | 37.77 -1.68 0.00 | 42.62 -1.85 0.00 | 44.37 -1.70 0.00 | 74.73 -2.66 0.00 | 57.27 -2.30 -0.64 | 81.86 -3.04 0.00 | 83.17 -2.82 0.00 | 97.68 -3.16 0.00 | 139.63 -4.68 0.00 | 105.26 -3.21 0.00 | 48.88 -1.29 0.00 | 42.32 -1.53 0.00 | 38.83 -1.44 -0.30 | 34.84 -1.29 -1.61 | 36.70 -1.25 -0.23 | 36.52 -1.08 0.00 | 31.11 -0.85 0.00 |
| NEG CENTRAL___INDECK 23768 | 36.54 -1.96 0.00 | 42.94 -2.62 -1.80 | 34.77 -2.54 0.00 | 30.78 -2.13 0.00 | 42.21 -3.14 0.00 | 38.52 -3.07 0.00 | 35.01 -2.68 0.00 | 36.49 -2.96 0.00 | 41.18 -3.29 0.00 | 43.11 -2.96 0.00 | 72.96 -4.43 0.00 | 57.17 -2.62 -0.85 | 81.35 -3.54 0.00 | 83.20 -2.80 0.00 | 97.67 -3.17 0.00 | 139.79 -4.53 0.00 | 104.80 -3.67 0.00 | 49.12 -1.06 0.00 | 42.68 -1.17 0.00 | 38.98 -1.39 -0.40 | 35.52 -1.15 -2.15 | 36.95 -1.07 -0.30 | 36.59 -1.01 0.00 | 30.93 -1.04 0.00 |
| NEG CENTRAL___SENECA 23627 | 38.50 0.00 0.00 | 43.76 0.00 0.00 | 37.31 0.00 0.00 | 32.91 0.00 0.00 | 45.35 0.00 0.00 | 41.59 0.00 0.00 | 37.69 0.00 0.00 | 39.45 0.00 0.00 | 44.48 0.00 0.00 | 46.06 0.00 0.00 | 77.39 0.00 0.00 | 58.94 0.00 0.00 | 84.90 0.00 0.00 | 86.00 0.00 0.00 | 100.84 0.00 0.00 | 144.31 0.00 0.00 | 108.47 0.00 0.00 | 50.17 0.00 0.00 | 43.85 0.00 0.00 | 39.98 0.00 0.00 | 34.53 0.00 0.00 | 37.72 0.00 0.00 | 37.60 0.00 0.00 | 31.97 0.00 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 38.36 -0.14 0.00 | 44.82 -0.30 -1.35 | 36.87 -0.43 0.00 | 32.66 -0.25 0.00 | 44.29 -1.06 0.00 | 40.52 -1.08 0.00 | 36.91 -0.78 0.00 | 39.22 -0.22 0.00 | 44.67 0.20 0.00 | 46.95 0.88 0.00 | 79.30 1.91 0.00 | 61.10 1.54 -0.62 | 87.85 2.95 0.00 | 89.98 3.98 0.00 | 105.43 4.59 0.00 | 150.31 6.00 0.00 | 113.59 5.13 0.00 | 52.47 2.29 0.00 | 45.01 1.16 0.00 | 41.08 0.82 -0.29 | 36.49 0.41 -1.56 | 38.78 0.83 -0.23 | 38.30 0.70 0.00 | 32.23 0.26 0.00 |
| NEG MILLWOOD___DRP 24198 | 41.91 3.41 0.00 | 58.49 3.73 -11.00 | 40.25 2.94 0.00 | 35.34 2.43 0.00 | 48.58 3.23 0.00 | 44.34 2.75 0.00 | 40.50 2.81 0.00 | 42.54 3.10 0.00 | 48.18 3.71 0.00 | 49.97 3.90 0.00 | 84.37 6.98 0.00 | 70.26 6.19 -5.13 | 93.31 8.42 0.00 | 94.57 8.57 0.00 | 110.86 10.02 0.00 | 158.85 14.54 0.00 | 118.76 10.30 0.00 | 55.13 4.95 0.00 | 48.27 4.42 0.00 | 46.43 4.07 -2.38 | 50.84 3.40 -12.91 | 43.17 3.62 -1.83 | 41.08 3.48 0.00 | 34.82 2.86 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 42.07 3.57 0.00 | 47.44 3.84 0.17 | 40.39 3.08 0.00 | 35.61 2.70 0.00 | 48.61 3.26 0.00 | 44.40 2.81 0.00 | 40.60 2.91 0.00 | 42.95 3.51 0.00 | 48.93 4.45 0.00 | 50.98 4.91 0.00 | 86.35 8.96 0.00 | 66.22 7.34 0.06 | 95.51 10.62 0.00 | 96.98 10.98 0.00 | 113.55 12.71 0.00 | 162.27 17.95 0.00 | 121.61 13.14 0.00 | 56.19 6.02 0.00 | 49.07 5.22 0.00 | 44.50 4.54 0.03 | 38.12 3.75 0.16 | 41.84 4.15 0.03 | 41.55 3.95 0.00 | 35.12 3.16 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 37.45 -1.05 0.00 | 42.61 -0.99 0.16 | 36.50 -0.80 0.00 | 32.06 -0.85 0.00 | 44.16 -1.19 0.00 | 40.57 -1.02 0.00 | 36.76 -0.94 0.00 | 38.70 -0.74 0.00 | 43.50 -0.98 0.00 | 45.05 -1.01 0.00 | 75.57 -1.81 0.00 | 57.37 -1.51 0.06 | 82.87 -2.03 0.00 | 83.77 -2.23 0.00 | 98.31 -2.53 0.00 | 141.11 -3.21 0.00 | 106.18 -2.29 0.00 | 48.83 -1.34 0.00 | 42.53 -1.32 0.00 | 38.79 -1.17 0.03 | 33.33 -1.04 0.15 | 36.45 -1.24 0.03 | 36.36 -1.24 0.00 | 31.03 -0.94 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 37.69 -0.81 0.00 | 42.69 -0.91 0.16 | 36.51 -0.79 0.00 | 32.01 -0.90 0.00 | 44.16 -1.19 0.00 | 40.63 -0.96 0.00 | 36.76 -0.93 0.00 | 38.83 -0.61 0.00 | 43.60 -0.88 0.00 | 45.06 -1.01 0.00 | 75.72 -1.67 0.00 | 57.53 -1.35 0.06 | 83.14 -1.75 0.00 | 83.92 -2.08 0.00 | 98.55 -2.29 0.00 | 141.58 -2.74 0.00 | 106.65 -1.82 0.00 | 48.97 -1.21 0.00 | 42.58 -1.27 0.00 | 38.88 -1.07 0.03 | 33.36 -1.00 0.16 | 36.47 -1.22 0.03 | 36.37 -1.23 0.00 | 31.02 -0.95 0.00 |

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|----------------------------------|--------------------------|--------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| NEG NORTH___LWR_SARANAC 23913 | 37.69 -0.81 0.00 | 42.69 -0.91 0.16 | 36.51 -0.79 0.00 | 32.01 -0.90 0.00 | 44.16 -1.19 0.00 | 40.63 -0.96 0.00 | 36.76 -0.93 0.00 | 38.83 -0.61 0.00 | 43.60 -0.88 0.00 | 45.06 -1.01 0.00 | 75.72 -1.67 0.00 | 57.53 -1.35 0.06 | 83.14 -1.75 0.00 | 83.92 -2.08 0.00 | 98.55 -2.29 0.00 | 141.58 -2.74 0.00 | 106.65 -1.82 0.00 | 48.97 -1.21 0.00 | 42.58 -1.27 0.00 | 38.88 -1.07 0.03 | 33.36 -1.00 0.16 | 36.47 -1.22 0.03 | 36.37 -1.23 0.00 | 31.02 -0.95 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 37.35 -1.15 0.00 | 42.31 -1.29 0.16 | 36.18 -1.13 0.00 | 31.81 -1.10 0.00 | 43.79 -1.56 0.00 | 40.25 -1.35 0.00 | 36.44 -1.25 0.00 | 38.50 -0.95 0.00 | 43.23 -1.25 0.00 | 44.61 -1.45 0.00 | 74.90 -2.48 0.00 | 56.95 -1.93 0.06 | 82.18 -2.72 0.00 | 83.02 -2.98 0.00 | 97.50 -3.34 0.00 | 140.07 -4.24 0.00 | 105.29 -3.18 0.00 | 48.45 -1.73 0.00 | 42.15 -1.69 0.00 | 38.47 -1.48 0.03 | 33.05 -1.32 0.16 | 36.13 -1.56 0.03 | 36.01 -1.59 0.00 | 30.73 -1.23 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 37.10 -1.40 0.00 | 43.35 -2.00 -1.58 | 35.22 -2.09 0.00 | 31.20 -1.71 0.00 | 42.82 -2.53 0.00 | 39.01 -2.58 0.00 | 35.24 -2.45 0.00 | 36.47 -2.98 0.00 | 40.78 -3.70 0.00 | 42.49 -3.58 0.00 | 71.82 -5.57 0.00 | 56.50 -3.19 -0.75 | 80.39 -4.51 0.00 | 82.48 -3.52 0.00 | 96.68 -4.16 0.00 | 138.39 -5.92 0.00 | 103.68 -4.79 0.00 | 48.86 -1.31 0.00 | 42.69 -1.15 0.00 | 38.87 -1.46 -0.35 | 35.32 -1.08 -1.88 | 37.14 -0.84 -0.27 | 37.02 -0.58 0.00 | 31.53 -0.43 0.00 |
| NEG WEST___LANCASTR 23811 | 36.88 -1.62 0.00 | 43.20 -2.38 -1.82 | 34.91 -2.40 0.00 | 30.85 -2.06 0.00 | 42.50 -2.85 0.00 | 38.82 -2.78 0.00 | 35.26 -2.44 0.00 | 36.75 -2.69 0.00 | 41.43 -3.05 0.00 | 43.12 -2.95 0.00 | 73.08 -4.31 0.00 | 57.71 -2.10 -0.88 | 81.75 -3.15 0.00 | 83.62 -2.38 0.00 | 97.90 -2.94 0.00 | 140.12 -4.19 0.00 | 105.12 -3.34 0.00 | 49.47 -0.70 0.00 | 43.06 -0.78 0.00 | 39.40 -0.99 -0.41 | 36.01 -0.72 -2.20 | 37.36 -0.66 -0.31 | 37.07 -0.53 0.00 | 31.36 -0.60 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 39.93 1.43 0.00 | 48.52 1.24 -3.51 | 38.21 0.90 0.00 | 33.62 0.71 0.00 | 46.40 1.04 0.00 | 42.46 0.87 0.00 | 38.68 0.99 0.00 | 40.55 1.10 0.00 | 45.92 1.44 0.00 | 47.46 1.40 0.00 | 80.20 2.81 0.00 | 63.29 2.73 -1.63 | 88.40 3.50 0.00 | 89.57 3.57 0.00 | 104.97 4.13 0.00 | 150.26 5.95 0.00 | 113.01 4.55 0.00 | 52.70 2.52 0.00 | 45.92 2.07 0.00 | 42.65 1.91 -0.76 | 40.32 1.68 -4.12 | 40.13 1.82 -0.59 | 39.37 1.77 0.00 | 33.37 1.41 0.00 |
| NEG___GEN_MONROE 24207 | 39.45 0.95 0.00 | 46.06 0.93 -1.37 | 37.98 0.67 0.00 | 33.48 0.57 0.00 | 45.87 0.51 0.00 | 42.24 0.65 0.00 | 38.33 0.64 0.00 | 40.13 0.68 0.00 | 45.48 1.00 0.00 | 47.61 1.54 0.00 | 80.19 2.80 0.00 | 61.77 2.20 -0.63 | 88.32 3.43 0.00 | 89.89 3.90 0.00 | 105.72 4.88 0.00 | 151.26 6.95 0.00 | 113.27 4.80 0.00 | 52.35 2.18 0.00 | 45.75 1.90 0.00 | 41.92 1.65 -0.29 | 37.26 1.13 -1.60 | 39.04 1.10 -0.23 | 38.49 0.89 0.00 | 32.66 0.69 0.00 |
| NEPA___ENERGY 23901 | 36.87 -1.63 0.00 | 43.18 -2.58 -2.00 | 34.68 -2.63 0.00 | 30.62 -2.29 0.00 | 42.29 -3.06 0.00 | 38.65 -2.94 0.00 | 35.29 -2.40 0.00 | 37.25 -2.20 0.00 | 42.38 -2.09 0.00 | 44.03 -2.04 0.00 | 74.84 -2.55 0.00 | 59.53 -0.36 -0.95 | 84.37 -0.53 0.00 | 86.21 0.21 0.00 | 100.76 -0.08 0.00 | 144.11 -0.21 0.00 | 108.06 -0.40 0.00 | 50.58 0.41 0.00 | 44.01 0.16 0.00 | 40.25 -0.17 -0.44 | 36.90 -0.02 -2.39 | 37.97 -0.08 -0.34 | 37.54 -0.06 0.00 | 31.44 -0.53 0.00 |
| NEVERSINK___HYD 23608 | 41.30 2.80 0.00 | 55.98 2.91 -9.30 | 39.55 2.25 0.00 | 34.81 1.90 0.00 | 48.05 2.70 0.00 | 44.10 2.51 0.00 | 40.06 2.37 0.00 | 40.08 0.64 0.00 | 45.33 0.85 0.00 | 47.12 1.06 0.00 | 77.78 0.39 -4.38 | 61.75 -1.57 0.00 | 82.64 -2.25 0.00 | 83.73 -2.27 0.00 | 98.15 -2.69 0.00 | 140.27 -4.04 0.00 | 110.76 2.29 0.00 | 54.02 3.85 0.00 | 42.35 -1.49 0.00 | 40.44 -1.56 -2.01 | 46.50 1.05 -10.92 | 40.29 1.01 -1.56 | 40.14 2.54 0.00 | 34.09 2.13 0.00 |
| NIAGARA___ 23760 | 37.55 -0.95 0.00 | 43.89 -1.46 -1.59 | 35.61 -1.70 0.00 | 31.57 -1.34 0.00 | 43.30 -2.05 0.00 | 39.58 -2.01 0.00 | 35.73 -1.96 0.00 | 36.88 -2.56 0.00 | 41.00 -3.48 0.00 | 42.65 -3.41 0.00 | 72.05 -5.33 0.00 | 56.67 -3.01 -0.75 | 80.76 -4.13 0.00 | 83.25 -2.75 0.00 | 97.62 -3.22 0.00 | 140.03 -4.28 0.00 | 104.68 -3.79 0.00 | 49.10 -1.07 0.00 | 43.22 -0.63 0.00 | 39.25 -1.08 -0.35 | 35.52 -0.89 -1.89 | 37.49 -0.50 -0.27 | 37.45 -0.15 0.00 | 31.94 -0.02 0.00 |
| NINE_MILE_1 23575 | 37.00 -1.50 0.00 | 42.63 -1.76 -0.63 | 35.82 -1.49 0.00 | 31.67 -1.25 0.00 | 43.74 -1.61 0.00 | 40.19 -1.40 0.00 | 36.38 -1.31 0.00 | 38.01 -1.44 0.00 | 42.82 -1.65 0.00 | 44.32 -1.75 0.00 | 74.42 -2.97 0.00 | 56.83 -2.42 -0.31 | 81.45 -3.44 0.00 | 82.67 -3.33 0.00 | 96.92 -3.92 0.00 | 138.40 -5.91 0.00 | 103.98 -4.48 0.00 | 48.22 -1.96 0.00 | 42.18 -1.67 0.00 | 38.55 -1.58 -0.15 | 33.94 -1.36 -0.78 | 36.39 -1.43 -0.11 | 36.18 -1.42 0.00 | 30.74 -1.23 0.00 |
| NINE_MILE_2 23744 | 36.96 -1.54 0.00 | 42.57 -1.82 -0.62 | 35.77 -1.54 0.00 | 31.62 -1.29 0.00 | 43.65 -1.70 0.00 | 40.11 -1.49 0.00 | 36.31 -1.38 0.00 | 37.93 -1.52 0.00 | 42.74 -1.74 0.00 | 44.23 -1.84 0.00 | 74.27 -3.12 0.00 | 56.72 -2.53 -0.31 | 81.30 -3.60 0.00 | 82.50 -3.50 0.00 | 96.72 -4.12 0.00 | 138.12 -6.19 0.00 | 103.78 -4.69 0.00 | 48.12 -2.05 0.00 | 42.09 -1.75 0.00 | 38.47 -1.65 -0.14 | 33.88 -1.42 -0.77 | 36.33 -1.50 -0.11 | 36.12 -1.48 0.00 | 30.69 -1.28 0.00 |
| NM_CAPITAL___DRP 24208 | 39.99 1.48 0.00 | 59.28 1.88 -13.64 | 39.18 1.87 0.00 | 34.63 1.72 0.00 | 47.78 2.43 0.00 | 43.85 2.25 0.00 | 39.43 1.74 0.00 | 41.27 1.83 0.00 | 46.44 1.97 0.00 | 47.80 1.74 0.00 | 79.78 2.39 0.00 | 66.32 0.98 -6.41 | 86.58 1.68 0.00 | 86.89 0.90 0.00 | 102.02 1.18 0.00 | 146.24 1.93 0.00 | 110.39 1.92 0.00 | 50.50 0.33 0.00 | 44.22 0.37 0.00 | 43.72 0.75 -2.99 | 51.39 0.63 -16.24 | 40.54 0.51 -2.32 | 38.20 0.60 0.00 | 32.76 0.80 0.00 |
| NM_CENTRAL___DRP 24181 | 37.79 -0.71 0.00 | 43.65 -0.93 -0.82 | 36.51 -0.80 0.00 | 32.26 -0.65 0.00 | 44.46 -0.89 0.00 | 40.84 -0.75 0.00 | 36.89 -0.80 0.00 | 38.49 -0.96 0.00 | 43.29 -1.19 0.00 | 44.87 -1.19 0.00 | 75.53 -1.86 0.00 | 57.82 -1.51 -0.40 | 82.94 -1.96 0.00 | 84.08 -1.92 0.00 | 98.54 -2.30 0.00 | 140.73 -3.59 0.00 | 106.09 -2.38 0.00 | 49.08 -1.09 0.00 | 42.90 -0.95 0.00 | 39.26 -0.90 -0.19 | 34.71 -0.82 -1.00 | 37.02 -0.83 -0.14 | 36.87 -0.73 0.00 | 31.27 -0.69 0.00 |
| NM_FRONTIER___DRP 24179 | 37.70 -0.80 0.00 | 44.05 -1.31 -1.60 | 35.72 -1.59 0.00 | 31.67 -1.24 0.00 | 43.48 -1.87 0.00 | 39.75 -1.84 0.00 | 35.90 -1.80 0.00 | 37.08 -2.36 0.00 | 41.25 -3.22 0.00 | 42.94 -3.13 0.00 | 72.55 -4.83 0.00 | 57.08 -2.62 -0.76 | 81.35 -3.55 0.00 | 83.85 -2.15 0.00 | 98.33 -2.51 0.00 | 141.03 -3.29 0.00 | 105.41 -3.06 0.00 | 49.43 -0.74 0.00 | 43.49 -0.36 0.00 | 39.49 -0.84 -0.35 | 35.72 -0.71 -1.91 | 37.69 -0.30 -0.27 | 37.68 0.08 0.00 | 32.07 0.11 0.00 |
| NM_ST_REGIS___HYD 24053 | 38.50 0.00 0.00 | 43.76 0.00 0.00 | 37.31 0.00 0.00 | 32.91 0.00 0.00 | 45.35 0.00 0.00 | 41.59 0.00 0.00 | 37.69 0.00 0.00 | 39.45 0.00 0.00 | 44.48 0.00 0.00 | 46.06 0.00 0.00 | 77.39 0.00 0.00 | 58.94 0.00 0.00 | 84.90 0.00 0.00 | 86.00 0.00 0.00 | 100.84 0.00 0.00 | 144.31 0.00 0.00 | 108.47 0.00 0.00 | 50.17 0.00 0.00 | 43.85 0.00 0.00 | 39.98 0.00 0.00 | 34.53 0.00 0.00 | 37.72 0.00 0.00 | 37.60 0.00 0.00 | 31.97 0.00 0.00 |
| NORTHPORT___I 23551 | 103.98 3.63 -61.85 | 106.84 4.13 -58.95 | 81.27 3.60 -40.36 | 36.65 3.19 -0.55 | 69.66 4.25 -20.06 | 45.34 3.47 -0.28 | 44.44 3.11 -3.64 | 56.35 3.39 -13.52 | 82.45 3.97 -34.00 | 98.80 3.69 -49.05 | 115.55 6.49 -31.68 | 122.99 6.02 -58.03 | 120.03 8.44 -26.69 | 116.78 8.94 -21.85 | 120.17 10.13 -9.20 | 160.86 14.46 -2.08 | 125.82 10.06 -7.29 | 122.42 4.76 -67.49 | 125.54 4.26 -77.44 | 121.38 3.81 -77.60 | 125.79 3.03 -88.24 | 125.87 3.09 -85.06 | 133.86 2.95 -93.31 | 126.72 2.57 -92.18 |

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| NORTHPORT___2 23552 | 103.95 3.60 -61.85 | 106.81 4.10 -58.95 | 81.26 3.59 -40.36 | 36.64 3.18 -0.55 | 69.64 4.23 -20.06 | 45.33 3.46 -0.28 | 44.44 3.11 -3.64 | 56.37 3.40 -13.52 | 82.42 3.94 -34.00 | 98.78 3.67 -49.05 | 115.54 6.48 -31.68 | 122.98 6.01 -58.03 | 120.02 8.43 -26.69 | 116.77 8.93 -21.85 | 120.15 10.11 -9.20 | 160.82 14.43 -2.08 | 125.78 10.02 -7.29 | 122.40 4.74 -67.49 | 125.53 4.24 -77.44 | 121.37 3.79 -77.60 | 125.78 3.02 -88.24 | 125.86 3.08 -85.06 | 133.85 2.94 -93.31 | 126.71 2.56 -92.18 |
| NORTHPORT___3 23553 | 103.97 3.61 -61.85 | 106.56 3.85 -58.95 | 80.80 3.13 -40.36 | 36.13 2.67 -0.55 | 68.88 3.47 -20.06 | 44.77 2.90 -0.28 | 44.22 2.89 -3.64 | 56.07 3.11 -13.52 | 82.06 3.59 -34.00 | 98.84 3.73 -49.05 | 115.82 6.75 -31.68 | 123.08 6.11 -58.03 | 119.93 8.34 -26.69 | 116.45 8.61 -21.85 | 119.99 9.95 -9.20 | 160.74 14.34 -2.08 | 125.74 9.99 -7.29 | 122.43 4.76 -67.49 | 125.58 4.30 -77.44 | 121.50 3.93 -77.60 | 125.96 3.20 -88.24 | 126.10 3.32 -85.06 | 134.07 3.15 -93.31 | 126.88 2.74 -92.18 |
| NORTHPORT___4 23650 | 103.92 3.57 -61.85 | 106.57 3.86 -58.95 | 80.82 3.15 -40.36 | 36.14 2.68 -0.55 | 68.91 3.50 -20.06 | 44.80 2.93 -0.28 | 44.24 2.91 -3.64 | 56.06 3.10 -13.52 | 82.04 3.57 -34.00 | 98.82 3.71 -49.05 | 115.78 6.71 -31.68 | 123.05 6.08 -58.03 | 119.89 8.30 -26.69 | 116.41 8.56 -21.85 | 119.94 9.90 -9.20 | 160.67 14.28 -2.08 | 125.71 9.95 -7.29 | 122.41 4.75 -67.49 | 125.57 4.28 -77.44 | 121.49 3.91 -77.60 | 125.95 3.19 -88.24 | 126.08 3.30 -85.06 | 134.05 3.14 -93.31 | 126.87 2.73 -92.18 |
| NORTHPORT___IC 23718 | 103.92 3.57 -61.85 | 106.57 3.86 -58.95 | 80.82 3.15 -40.36 | 36.14 2.68 -0.55 | 68.91 3.50 -20.06 | 44.80 2.93 -0.28 | 44.24 2.91 -3.64 | 56.06 3.10 -13.52 | 82.04 3.57 -34.00 | 98.82 3.71 -49.05 | 115.78 6.71 -31.68 | 123.05 6.08 -58.03 | 119.89 8.30 -26.69 | 116.41 8.56 -21.85 | 119.94 9.90 -9.20 | 160.67 14.28 -2.08 | 125.71 9.95 -7.29 | 122.41 4.75 -67.49 | 125.57 4.28 -77.44 | 121.49 3.91 -77.60 | 125.95 3.19 -88.24 | 126.08 3.30 -85.06 | 134.05 3.14 -93.31 | 126.87 2.73 -92.18 |
| NSINS_S_GLNS_FALLS 23858 | 40.14 1.64 0.00 | 60.76 3.01 -13.99 | 40.33 3.03 0.00 | 35.57 2.66 0.00 | 49.18 3.83 0.00 | 45.38 3.78 0.00 | 40.72 3.03 0.00 | 42.37 2.93 0.00 | 47.92 3.44 0.00 | 49.23 3.16 0.00 | 82.09 4.70 0.00 | 67.97 2.47 -6.55 | 88.60 3.71 0.00 | 89.21 3.21 0.00 | 105.06 4.22 0.00 | 151.33 7.02 0.00 | 113.39 4.92 0.00 | 51.92 1.75 0.00 | 45.05 1.21 0.00 | 44.55 1.51 -3.06 | 52.69 1.58 -16.59 | 41.87 1.79 -2.36 | 39.31 1.71 0.00 | 33.47 1.51 0.00 |
| NUCOR_STEEL___DRP 24197 | 38.36 -0.14 0.00 | 44.82 -0.30 -1.35 | 36.87 -0.43 0.00 | 32.66 -0.25 0.00 | 44.29 -1.06 0.00 | 40.52 -1.08 0.00 | 36.91 -0.78 0.00 | 39.22 -0.22 0.00 | 44.67 0.20 0.00 | 46.95 0.88 0.00 | 79.30 1.91 0.00 | 61.10 1.54 -0.62 | 87.85 2.95 0.00 | 89.98 3.98 0.00 | 105.43 4.59 0.00 | 150.31 6.00 0.00 | 113.59 5.13 0.00 | 52.47 2.29 0.00 | 45.01 1.16 0.00 | 41.08 0.82 -0.29 | 36.49 0.41 -1.56 | 38.78 0.83 -0.23 | 38.30 0.70 0.00 | 32.23 0.26 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 38.50 0.00 0.00 | 43.76 0.00 0.00 | 37.31 0.00 0.00 | 32.91 0.00 0.00 | 45.35 0.00 0.00 | 41.59 0.00 0.00 | 37.69 0.00 0.00 | 39.45 0.00 0.00 | 44.48 0.00 0.00 | 46.06 0.00 0.00 | 77.39 0.00 0.00 | 58.94 0.00 0.00 | 84.90 0.00 0.00 | 86.00 0.00 0.00 | 100.84 0.00 0.00 | 144.31 0.00 0.00 | 108.47 0.00 0.00 | 50.17 0.00 0.00 | 43.85 0.00 0.00 | 39.98 0.00 0.00 | 34.53 0.00 0.00 | 37.72 0.00 0.00 | 37.60 0.00 0.00 | 31.97 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 104.16 3.80 -61.85 | 107.06 4.35 -58.95 | 81.54 3.87 -40.36 | 36.92 3.46 -0.55 | 69.98 4.57 -20.06 | 45.66 3.79 -0.28 | 44.81 3.47 -3.64 | 56.77 3.81 -13.52 | 82.89 4.41 -34.00 | 99.27 4.16 -49.05 | 116.38 7.32 -31.68 | 123.63 6.66 -58.03 | 120.95 9.36 -26.69 | 117.70 9.86 -21.85 | 121.23 11.19 -9.20 | 162.39 15.99 -2.08 | 126.93 11.17 -7.29 | 122.93 5.27 -67.49 | 126.00 4.71 -77.44 | 121.80 4.22 -77.60 | 126.15 3.39 -88.24 | 126.26 3.48 -85.06 | 134.25 3.34 -93.31 | 126.99 2.85 -92.18 |
| NYPA_GOWANUS____GT5 24156 | 42.86 4.35 0.00 | 59.36 4.93 -10.66 | 41.56 4.25 0.00 | 36.44 3.53 0.00 | 50.06 4.71 0.00 | 45.79 4.19 0.00 | 42.01 4.32 0.00 | 43.99 4.54 0.00 | 49.74 5.27 0.00 | 51.62 5.55 0.00 | 87.03 9.64 0.00 | 71.97 8.03 -5.01 | 95.68 10.78 0.00 | 96.76 10.76 0.00 | 113.50 12.66 0.00 | 162.54 18.23 0.00 | 121.55 13.08 0.00 | 56.36 6.19 0.00 | 49.35 5.51 0.00 | 47.48 5.17 -2.33 | 51.44 4.29 -12.62 | 44.08 4.57 -1.79 | 42.02 4.42 0.00 | 35.63 3.67 0.00 |
| NYPA_GOWANUS____GT6 24157 | 42.86 4.35 0.00 | 59.36 4.93 -10.66 | 41.56 4.25 0.00 | 36.44 3.53 0.00 | 50.06 4.71 0.00 | 45.79 4.19 0.00 | 42.01 4.32 0.00 | 43.99 4.54 0.00 | 49.74 5.27 0.00 | 51.62 5.55 0.00 | 87.03 9.64 0.00 | 71.97 8.03 -5.01 | 95.68 10.78 0.00 | 96.76 10.76 0.00 | 113.50 12.66 0.00 | 162.54 18.23 0.00 | 121.55 13.08 0.00 | 56.36 6.19 0.00 | 49.35 5.51 0.00 | 47.48 5.17 -2.33 | 51.44 4.29 -12.62 | 44.08 4.57 -1.79 | 42.02 4.42 0.00 | 35.63 3.67 0.00 |
| NYPA_HARLEM_RVR_GT1 24160 | 169.31 4.76 -126.05 | 145.27 5.46 -96.05 | 211.60 4.80 -169.50 | 167.70 4.02 -130.77 | 50.62 5.27 0.00 | 46.33 4.73 0.00 | 109.70 4.81 -67.19 | 115.98 4.89 -71.65 | 103.34 5.56 -53.30 | 101.47 6.08 -49.33 | 122.70 10.67 -34.64 | 116.92 8.86 -49.12 | 112.51 11.83 -15.78 | 117.31 11.73 -19.59 | 114.81 13.97 0.00 | 164.95 20.15 -0.48 | 132.99 14.72 -9.80 | 130.98 6.94 -73.87 | 136.57 6.10 -86.62 | 130.75 5.76 -85.01 | 170.79 4.84 -131.43 | 131.91 5.13 -89.06 | 137.79 4.99 -95.19 | 130.04 4.06 -94.01 |
| NYPA_HARLEM_RVR_GT2 24161 | 169.31 4.76 -126.05 | 145.27 5.46 -96.05 | 211.60 4.80 -169.50 | 167.70 4.02 -130.77 | 50.62 5.27 0.00 | 46.33 4.73 0.00 | 109.70 4.81 -67.19 | 115.98 4.89 -71.65 | 103.34 5.56 -53.30 | 101.47 6.08 -49.33 | 122.70 10.67 -34.64 | 116.92 8.86 -49.12 | 112.51 11.83 -15.78 | 117.31 11.73 -19.59 | 114.81 13.97 0.00 | 164.95 20.15 -0.48 | 132.99 14.72 -9.80 | 130.98 6.94 -73.87 | 136.57 6.10 -86.62 | 130.75 5.76 -85.01 | 170.79 4.84 -131.43 | 131.91 5.13 -89.06 | 137.79 4.99 -95.19 | 130.04 4.06 -94.01 |
| NYPA_KENT____GT 24152 | 48.50 4.35 -5.65 | 125.41 4.93 -76.71 | 129.42 4.25 -87.86 | 103.01 3.54 -66.56 | 50.07 4.72 0.00 | 45.79 4.20 0.00 | 42.02 4.33 0.00 | 44.00 4.55 0.00 | 49.76 5.29 0.00 | 51.64 5.57 0.00 | 87.06 9.67 0.00 | 72.00 8.05 -5.01 | 95.71 10.82 0.00 | 96.79 10.80 0.00 | 113.54 12.70 0.00 | 162.60 18.29 0.00 | 121.59 13.12 0.00 | 56.38 6.21 0.00 | 49.37 5.52 0.00 | 47.50 5.19 -2.33 | 51.46 4.31 -12.62 | 44.10 4.59 -1.79 | 42.03 4.43 0.00 | 38.44 3.67 -2.80 |
| NYPA_POUCH1____GT 24155 | 42.85 4.35 0.00 | 59.31 4.88 -10.66 | 44.95 4.10 -3.54 | 52.98 3.44 -16.64 | 88.58 4.53 -38.70 | 88.08 4.01 -42.48 | 88.47 4.14 -46.64 | 103.95 4.42 -60.08 | 104.84 5.10 -55.26 | 105.34 5.42 -53.86 | 98.21 9.50 -11.33 | 71.94 7.99 -5.01 | 95.66 10.77 0.00 | 96.75 10.75 0.00 | 260.02 12.65 -146.52 | 201.76 18.16 -39.28 | 140.42 13.01 -18.94 | 139.32 6.18 -82.97 | 139.35 5.53 -89.97 | 132.18 5.22 -86.98 | 122.15 4.35 -83.27 | 139.66 4.66 -97.29 | 139.37 4.52 -97.25 | 90.35 3.67 -54.71 |
| NYPA_VERNON____GT2 24162 | 48.54 4.39 -5.65 | 125.43 4.95 -76.71 | 129.29 4.12 -87.86 | 102.91 3.44 -66.56 | 49.91 4.56 0.00 | 45.65 4.05 0.00 | 41.85 4.16 0.00 | 43.84 4.39 0.00 | 49.59 5.12 0.00 | 51.56 5.49 0.00 | 87.07 9.68 0.00 | 72.15 8.21 -5.01 | 95.94 11.04 0.00 | 97.04 11.04 0.00 | 113.82 12.98 0.00 | 163.03 18.72 0.00 | 121.93 13.46 0.00 | 56.54 6.37 0.00 | 49.51 5.67 0.00 | 47.64 5.33 -2.33 | 51.56 4.41 -12.62 | 44.21 4.70 -1.79 | 42.17 4.58 0.00 | 38.47 3.71 -2.80 |
| NYPA_VERNON____GT3 24163 | 48.54 4.39 -5.65 | 125.43 4.95 -76.71 | 129.29 4.12 -87.86 | 102.91 3.44 -66.56 | 49.91 4.56 0.00 | 45.65 4.05 0.00 | 41.85 4.16 0.00 | 43.84 4.39 0.00 | 49.59 5.12 0.00 | 51.56 5.49 0.00 | 87.07 9.68 0.00 | 72.15 8.21 -5.01 | 95.94 11.04 0.00 | 97.04 11.04 0.00 | 113.82 12.98 0.00 | 163.03 18.72 0.00 | 121.93 13.46 0.00 | 56.54 6.37 0.00 | 49.51 5.67 0.00 | 47.64 5.33 -2.33 | 51.56 4.41 -12.62 | 44.21 4.70 -1.79 | 42.17 4.58 0.00 | 38.47 3.71 -2.80 |

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| NYPA___HOLTSVILL 23794 | 103.95 3.59 -61.85 | 106.94 4.23 -58.95 | 81.64 3.97 -40.36 | 37.22 3.76 -0.55 | 70.34 4.94 -20.06 | 45.94 4.07 -0.28 | 44.96 3.63 -3.64 | 56.91 3.95 -13.52 | 82.97 4.49 -34.00 | 98.93 3.82 -49.05 | 115.65 6.59 -31.68 | 123.11 6.14 -58.03 | 120.40 8.81 -26.69 | 117.32 9.47 -21.85 | 120.54 10.50 -9.20 | 161.30 14.90 -2.08 | 125.97 10.21 -7.29 | 122.44 4.78 -67.49 | 125.55 4.26 -77.44 | 121.33 3.76 -77.60 | 125.71 2.95 -88.24 | 125.72 2.94 -85.06 | 133.76 2.85 -93.31 | 126.58 2.44 -92.18 |
| NYPA___HELLGATE_GT1 24158 | 169.31 4.76 -126.05 | 145.27 5.46 -96.05 | 211.60 4.80 -169.50 | 167.70 4.02 -130.77 | 50.62 5.27 0.00 | 46.33 4.73 0.00 | 109.65 4.76 -67.19 | 115.98 4.88 -71.65 | 103.34 5.56 -53.30 | 101.46 6.07 -49.33 | 122.69 10.66 -34.64 | 116.92 8.86 -49.12 | 112.51 11.83 -15.78 | 117.31 11.73 -19.59 | 114.81 13.97 0.00 | 164.94 20.14 -0.48 | 132.99 14.72 -9.80 | 130.98 6.94 -73.87 | 136.57 6.10 -86.62 | 130.75 5.76 -85.01 | 170.79 4.83 -131.43 | 131.91 5.13 -89.06 | 137.79 4.99 -95.19 | 130.04 4.06 -94.01 |
| NYPA___HELLGATE_GT2 24159 | 169.31 4.76 -126.05 | 145.27 5.46 -96.05 | 211.60 4.80 -169.50 | 167.70 4.02 -130.77 | 50.62 5.27 0.00 | 46.33 4.73 0.00 | 109.65 4.76 -67.19 | 115.98 4.88 -71.65 | 103.34 5.56 -53.30 | 101.46 6.07 -49.33 | 122.69 10.66 -34.64 | 116.92 8.86 -49.12 | 112.51 11.83 -15.78 | 117.31 11.73 -19.59 | 114.81 13.97 0.00 | 164.94 20.14 -0.48 | 132.99 14.72 -9.80 | 130.98 6.94 -73.87 | 136.57 6.10 -86.62 | 130.75 5.76 -85.01 | 170.79 4.83 -131.43 | 131.91 5.13 -89.06 | 137.79 4.99 -95.19 | 130.04 4.06 -94.01 |
| O.H_GEN_BRUCE 24063 | 27.13 -1.88 10.91 | 25.52 -3.19 12.25 | 23.38 -2.55 13.25 | 23.11 -2.65 7.82 | 22.59 -3.18 11.67 | 22.88 -2.73 15.14 | 25.14 -2.76 12.75 | 27.46 -3.65 9.47 | 31.49 -4.76 8.28 | 83.99 -5.01 -33.91 | 76.62 -6.22 7.24 | 75.00 -4.63 -17.88 | 200.00 -2.59 -156.36 | 189.51 -5.79 -74.74 | 139.45 -5.61 -11.51 | 238.37 -4.38 -130.47 | 95.29 -13.18 0.00 | 44.65 -5.53 0.00 | 39.16 -4.69 0.00 | 35.75 -4.61 -0.38 | 32.61 -3.95 -2.04 | 33.98 -4.02 -0.29 | 33.79 -3.81 0.00 | 28.74 -3.22 0.00 |
| OAK ORCHARD___HYD 24046 | 38.00 -0.50 0.00 | 44.15 -0.95 -1.34 | 36.08 -1.23 0.00 | 31.92 -1.00 0.00 | 43.78 -1.57 0.00 | 40.11 -1.48 0.00 | 36.27 -1.43 0.00 | 37.50 -1.95 0.00 | 41.92 -2.55 0.00 | 43.76 -2.30 0.00 | 73.94 -3.44 0.00 | 57.83 -1.72 -0.61 | 82.66 -2.24 0.00 | 84.99 -1.01 0.00 | 99.75 -1.09 0.00 | 143.00 -1.32 0.00 | 106.90 -1.57 0.00 | 49.96 -0.22 0.00 | 43.86 0.02 0.00 | 39.84 -0.42 -0.28 | 35.63 -0.45 -1.55 | 37.77 -0.18 -0.23 | 37.67 0.07 0.00 | 32.11 0.14 0.00 |
| OCC_CHEM___DRP 24175 | 37.72 -0.78 0.00 | 44.07 -1.29 -1.60 | 35.74 -1.57 0.00 | 31.68 -1.23 0.00 | 43.51 -1.84 0.00 | 39.78 -1.81 0.00 | 35.93 -1.77 0.00 | 37.13 -2.32 0.00 | 41.31 -3.17 0.00 | 43.00 -3.06 0.00 | 72.67 -4.71 0.00 | 57.17 -2.52 -0.76 | 81.48 -3.41 0.00 | 83.99 -2.01 0.00 | 98.49 -2.35 0.00 | 141.26 -3.06 0.00 | 105.58 -2.89 0.00 | 49.50 -0.67 0.00 | 43.55 -0.30 0.00 | 39.54 -0.79 -0.35 | 35.77 -0.67 -1.91 | 37.73 -0.26 -0.27 | 37.71 0.11 0.00 | 32.09 0.13 0.00 |
| OLIN_CORP_DRP 24177 | 37.74 -0.76 0.00 | 44.11 -1.26 -1.61 | 35.77 -1.54 0.00 | 31.69 -1.22 0.00 | 43.53 -1.82 0.00 | 39.83 -1.76 0.00 | 35.99 -1.70 0.00 | 37.20 -2.25 0.00 | 41.44 -3.04 0.00 | 43.16 -2.91 0.00 | 72.94 -4.45 0.00 | 57.36 -2.35 -0.77 | 81.74 -3.16 0.00 | 84.21 -1.79 0.00 | 98.77 -2.07 0.00 | 141.65 -2.67 0.00 | 105.88 -2.58 0.00 | 49.61 -0.56 0.00 | 43.62 -0.22 0.00 | 39.64 -0.70 -0.36 | 35.83 -0.62 -1.93 | 37.76 -0.22 -0.27 | 37.70 0.10 0.00 | 32.09 0.12 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 37.72 -0.78 0.00 | 43.67 -1.09 -0.99 | 36.39 -0.92 0.00 | 32.13 -0.78 0.00 | 44.25 -1.10 0.00 | 40.63 -0.97 0.00 | 36.70 -0.99 0.00 | 38.31 -1.13 0.00 | 43.14 -1.33 0.00 | 44.76 -1.30 0.00 | 75.39 -2.00 0.00 | 57.83 -1.58 -0.47 | 82.85 -2.05 0.00 | 83.99 -2.01 0.00 | 98.43 -2.41 0.00 | 140.65 -3.67 0.00 | 106.05 -2.42 0.00 | 49.04 -1.13 0.00 | 42.83 -1.01 0.00 | 39.23 -0.97 -0.22 | 34.81 -0.90 -1.18 | 36.98 -0.91 -0.17 | 36.78 -0.82 0.00 | 31.20 -0.77 0.00 |
| ONONDAGA___COGEN 23986 | 37.05 -1.46 0.00 | 43.03 -1.76 -1.02 | 35.79 -1.51 0.00 | 31.68 -1.24 0.00 | 43.64 -1.71 0.00 | 40.08 -1.52 0.00 | 36.20 -1.49 0.00 | 37.69 -1.76 0.00 | 42.45 -2.03 0.00 | 44.06 -2.01 0.00 | 74.12 -3.27 0.00 | 56.84 -2.60 -0.50 | 81.31 -3.59 0.00 | 82.54 -3.46 0.00 | 96.75 -4.09 0.00 | 138.36 -5.96 0.00 | 104.18 -4.29 0.00 | 48.24 -1.93 0.00 | 42.17 -1.68 0.00 | 38.61 -1.60 -0.23 | 34.36 -1.42 -1.25 | 36.42 -1.47 -0.17 | 36.14 -1.46 0.00 | 30.67 -1.30 0.00 |
| OSWEGATCHIE___HYD 24044 | 37.79 -0.71 0.00 | 42.96 -0.83 -0.03 | 36.65 -0.65 0.00 | 32.24 -0.68 0.00 | 44.42 -0.94 0.00 | 41.02 -0.57 0.00 | 36.92 -0.78 0.00 | 38.46 -0.99 0.00 | 43.06 -1.41 0.00 | 44.93 -1.14 0.00 | 75.74 -1.65 0.00 | 57.43 -1.54 -0.03 | 83.62 -1.27 0.00 | 84.08 -1.91 0.00 | 98.62 -2.22 0.00 | 141.28 -3.04 0.00 | 107.66 -0.81 0.00 | 49.03 -1.14 0.00 | 42.57 -1.27 0.00 | 38.96 -1.03 -0.01 | 33.61 -0.99 -0.07 | 36.85 -0.88 -0.01 | 36.92 -0.68 0.00 | 31.32 -0.64 0.00 |
| OSWEGO___5 23606 | 36.90 -1.60 0.00 | 42.65 -1.89 -0.77 | 35.74 -1.56 0.00 | 31.64 -1.27 0.00 | 43.81 -1.55 0.00 | 40.33 -1.26 0.00 | 36.52 -1.18 0.00 | 38.15 -1.30 0.00 | 42.98 -1.50 0.00 | 44.50 -1.57 0.00 | 74.63 -2.76 0.00 | 56.77 -2.52 -0.36 | 81.32 -3.58 0.00 | 82.54 -3.45 0.00 | 96.77 -4.07 0.00 | 137.99 -6.32 0.00 | 103.67 -4.80 0.00 | 48.03 -2.14 0.00 | 42.00 -1.85 0.00 | 38.41 -1.74 -0.16 | 33.92 -1.50 -0.90 | 36.27 -1.58 -0.13 | 36.05 -1.55 0.00 | 30.62 -1.34 0.00 |
| OSWEGO___6 23613 | 36.90 -1.61 0.00 | 42.65 -1.89 -0.77 | 35.74 -1.57 0.00 | 31.65 -1.26 0.00 | 43.82 -1.53 0.00 | 40.34 -1.25 0.00 | 36.52 -1.18 0.00 | 38.15 -1.30 0.00 | 42.98 -1.50 0.00 | 44.49 -1.58 0.00 | 74.58 -2.81 0.00 | 56.74 -2.55 -0.36 | 81.27 -3.63 0.00 | 82.48 -3.52 0.00 | 96.68 -4.16 0.00 | 137.93 -6.39 0.00 | 103.64 -4.83 0.00 | 48.03 -2.15 0.00 | 41.99 -1.85 0.00 | 38.40 -1.74 -0.16 | 33.92 -1.50 -0.90 | 36.26 -1.59 -0.13 | 36.05 -1.55 0.00 | 30.62 -1.35 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 37.81 -0.69 0.00 | 44.14 -1.23 -1.61 | 35.84 -1.47 0.00 | 31.73 -1.18 0.00 | 43.56 -1.80 0.00 | 39.79 -1.81 0.00 | 36.03 -1.66 0.00 | 37.39 -2.06 0.00 | 41.81 -2.66 0.00 | 43.62 -2.44 0.00 | 73.80 -3.59 0.00 | 58.05 -1.66 -0.77 | 82.73 -2.17 0.00 | 85.18 -0.82 0.00 | 99.90 -0.94 0.00 | 143.17 -1.14 0.00 | 107.01 -1.46 0.00 | 50.08 -0.10 0.00 | 43.97 0.13 0.00 | 39.95 -0.39 -0.36 | 36.11 -0.36 -1.94 | 37.98 -0.01 -0.27 | 37.84 0.24 0.00 | 32.24 0.27 0.00 |
| OXBOW___ 24026 | 37.70 -0.80 0.00 | 44.02 -1.35 -1.60 | 35.69 -1.61 0.00 | 31.64 -1.27 0.00 | 43.40 -1.95 0.00 | 39.67 -1.93 0.00 | 35.88 -1.81 0.00 | 37.16 -2.29 0.00 | 41.47 -3.01 0.00 | 43.22 -2.84 0.00 | 73.08 -4.30 0.00 | 57.50 -2.21 -0.76 | 81.96 -2.94 0.00 | 84.44 -1.56 0.00 | 99.02 -1.82 0.00 | 141.95 -2.37 0.00 | 106.08 -2.39 0.00 | 49.69 -0.48 0.00 | 43.67 -0.18 0.00 | 39.66 -0.68 -0.36 | 35.85 -0.60 -1.93 | 37.78 -0.21 -0.27 | 37.69 0.09 0.00 | 32.07 0.10 0.00 |
| PEEKSKILL___ 23653 | 42.02 3.52 0.00 | 58.25 3.87 -10.62 | 40.40 3.10 0.00 | 35.50 2.59 0.00 | 48.67 3.32 0.00 | 44.45 2.86 0.00 | 40.67 2.97 0.00 | 42.71 3.26 0.00 | 48.38 3.91 0.00 | 50.24 4.18 0.00 | 84.95 7.56 0.00 | 70.65 6.75 -4.96 | 94.08 9.18 0.00 | 95.37 9.38 0.00 | 111.77 10.93 0.00 | 160.12 15.80 0.00 | 119.68 11.22 0.00 | 55.56 5.39 0.00 | 48.65 4.81 0.00 | 46.70 4.42 -2.31 | 50.70 3.65 -12.53 | 43.38 3.88 -1.79 | 41.36 3.76 0.00 | 34.96 3.00 0.00 |
| PGE MADISON___WINDPWR 24146 | 42.13 3.62 0.00 | 50.78 3.89 -3.13 | 40.40 3.10 0.00 | 35.63 2.72 0.00 | 48.67 3.32 0.00 | 44.49 2.90 0.00 | 40.69 3.00 0.00 | 43.07 3.62 0.00 | 49.06 4.59 0.00 | 51.15 5.08 0.00 | 86.67 9.28 0.00 | 68.01 7.62 -1.45 | 95.95 11.05 0.00 | 97.46 11.46 0.00 | 114.08 13.24 0.00 | 163.01 18.70 0.00 | 122.06 13.60 0.00 | 56.38 6.20 0.00 | 49.30 5.45 0.00 | 45.38 4.73 -0.68 | 42.12 3.92 -3.67 | 42.56 4.32 -0.53 | 41.66 4.06 0.00 | 35.16 3.20 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--------|--------|--------|-------|--------|-------|-------|--------|--------|--------|--------|--------|---------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| PJM_GEN_KEystone | 27.21 | 25.92 | 23.15 | 23.14 | 23.75 | 23.65 | 26.76 | 30.54 | 35.76 | 89.00 | 85.00 | 90.00 | 210.56 | 200.00 | 150.00 | 245.00 | 107.05 | 50.07 | 43.67 | 40.14 | 36.96 | 37.89 | 37.43 | 31.64 |
| 24065 | -1.80 | -2.79 | -2.78 | -2.62 | -2.02 | -1.96 | -1.14 | -0.57 | -0.49 | 0.00 | 2.16 | 1.73 | 0.97 | 4.70 | 4.94 | 2.25 | -1.42 | -0.10 | -0.18 | -0.34 | -0.25 | -0.21 | -0.17 | -0.32 |
| | 10.91 | 12.25 | 13.25 | 7.82 | 11.67 | 15.14 | 12.75 | 9.47 | 8.28 | -33.91 | 7.24 | -26.52 | -163.36 | -74.74 | -11.51 | -130.47 | 0.00 | 0.00 | 0.00 | -0.50 | -2.69 | -0.38 | 0.00 | 0.00 |
| PLEASANTVLY___LBMP | 41.08 | 57.58 | 39.52 | 34.77 | 47.73 | 43.56 | 39.70 | 41.69 | 47.19 | 48.80 | 82.25 | 68.58 | 90.92 | 92.09 | 107.96 | 154.79 | 115.78 | 53.77 | 47.11 | 45.39 | 50.16 | 42.32 | 40.23 | 34.14 |
| 24000 | 2.57 | 2.77 | 2.21 | 1.86 | 2.37 | 1.97 | 2.01 | 2.25 | 2.72 | 2.74 | 4.87 | 4.46 | 6.03 | 6.09 | 7.12 | 10.47 | 7.31 | 3.60 | 3.27 | 3.00 | 2.57 | 2.75 | 2.63 | 2.17 |
| | 0.00 | -11.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.41 | -13.06 | -1.86 | 0.00 | 0.00 |
| POLETTI_____ | 42.58 | 59.00 | 41.03 | 36.04 | 49.49 | 45.21 | 41.39 | 43.47 | 49.10 | 51.00 | 86.24 | 71.67 | 95.33 | 96.35 | 112.87 | 161.70 | 120.88 | 56.10 | 49.17 | 47.35 | 51.38 | 44.04 | 41.97 | 35.53 |
| 23519 | 4.08 | 4.58 | 3.73 | 3.13 | 4.14 | 3.61 | 3.70 | 4.02 | 4.62 | 4.94 | 8.85 | 7.72 | 10.43 | 10.35 | 12.03 | 17.39 | 12.42 | 5.93 | 5.32 | 5.05 | 4.23 | 4.53 | 4.37 | 3.57 |
| | 0.00 | -10.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.33 | -12.62 | -1.79 | 0.00 | 0.00 |
| PORT_JEFF_3 | 103.66 | 106.60 | 81.61 | 37.18 | 70.28 | 45.78 | 44.58 | 56.26 | 82.04 | 98.03 | 114.18 | 121.99 | 118.78 | 115.82 | 118.84 | 158.54 | 123.88 | 121.46 | 124.68 | 120.54 | 125.07 | 124.99 | 132.97 | 125.94 |
| 23555 | 3.30 | 3.89 | 3.94 | 3.72 | 4.87 | 3.91 | 3.24 | 3.30 | 3.56 | 2.92 | 5.11 | 5.02 | 7.20 | 7.97 | 8.80 | 12.15 | 8.13 | 3.80 | 3.40 | 2.96 | 2.30 | 2.21 | 2.06 | 1.80 |
| | -61.85 | -58.95 | -40.36 | -0.55 | -20.06 | -0.28 | -3.64 | -13.52 | -34.00 | -49.05 | -31.68 | -58.03 | -26.69 | -21.85 | -9.20 | -2.08 | -7.29 | -67.49 | -77.44 | -77.60 | -88.24 | -85.06 | -93.31 | -92.18 |
| PORT_JEFF_4 | 103.81 | 106.92 | 81.61 | 37.18 | 70.26 | 45.74 | 44.56 | 56.27 | 82.26 | 98.25 | 114.55 | 122.28 | 119.21 | 116.11 | 119.14 | 159.30 | 124.49 | 121.75 | 124.94 | 120.77 | 125.23 | 125.20 | 133.17 | 126.12 |
| 23616 | 3.46 | 4.21 | 3.94 | 3.72 | 4.86 | 3.87 | 3.22 | 3.31 | 3.79 | 3.14 | 5.49 | 5.31 | 7.62 | 8.27 | 9.10 | 12.91 | 8.73 | 4.09 | 3.66 | 3.20 | 2.47 | 2.42 | 2.26 | 1.97 |
| | -61.85 | -58.95 | -40.36 | -0.55 | -20.06 | -0.28 | -3.64 | -13.52 | -34.00 | -49.05 | -31.68 | -58.03 | -26.69 | -21.85 | -9.20 | -2.08 | -7.29 | -67.49 | -77.44 | -77.60 | -88.24 | -85.06 | -93.31 | -92.18 |
| PORT_JEFF_IC | 103.73 | 106.78 | 81.68 | 37.24 | 70.40 | 45.91 | 44.77 | 56.54 | 82.35 | 98.32 | 114.66 | 122.37 | 119.35 | 116.41 | 119.52 | 159.49 | 124.58 | 121.78 | 124.97 | 120.78 | 125.25 | 125.20 | 133.16 | 126.09 |
| 23713 | 3.38 | 4.07 | 4.01 | 3.78 | 4.99 | 4.04 | 3.43 | 3.58 | 3.87 | 3.21 | 5.60 | 5.40 | 7.76 | 8.57 | 9.48 | 13.10 | 8.82 | 4.12 | 3.68 | 3.21 | 2.49 | 2.42 | 2.25 | 1.94 |
| | -61.85 | -58.95 | -40.36 | -0.55 | -20.06 | -0.28 | -3.64 | -13.52 | -34.00 | -49.05 | -31.68 | -58.03 | -26.69 | -21.85 | -9.20 | -2.08 | -7.29 | -67.49 | -77.44 | -77.60 | -88.24 | -85.06 | -93.31 | -92.18 |
| PPL_PILGRIM_ST_GT1 | 104.16 | 107.06 | 81.54 | 36.92 | 69.98 | 45.66 | 44.81 | 56.77 | 82.89 | 99.27 | 116.38 | 123.63 | 120.95 | 117.70 | 121.23 | 162.39 | 126.93 | 122.93 | 126.00 | 121.80 | 126.15 | 126.26 | 134.25 | 126.99 |
| 24216 | 3.80 | 4.35 | 3.87 | 3.46 | 4.57 | 3.79 | 3.47 | 3.81 | 4.41 | 4.16 | 7.32 | 6.66 | 9.36 | 9.86 | 11.19 | 15.99 | 11.17 | 5.27 | 4.71 | 4.22 | 3.39 | 3.48 | 3.34 | 2.85 |
| | -61.85 | -58.95 | -40.36 | -0.55 | -20.06 | -0.28 | -3.64 | -13.52 | -34.00 | -49.05 | -31.68 | -58.03 | -26.69 | -21.85 | -9.20 | -2.08 | -7.29 | -67.49 | -77.44 | -77.60 | -88.24 | -85.06 | -93.31 | -92.18 |
| PPL_PILGRIM_ST_GT2 | 104.16 | 107.06 | 81.54 | 36.92 | 69.98 | 45.66 | 44.81 | 56.77 | 82.89 | 99.27 | 116.38 | 123.63 | 120.95 | 117.70 | 121.23 | 162.39 | 126.93 | 122.93 | 126.00 | 121.80 | 126.15 | 126.26 | 134.25 | 126.99 |
| 24217 | 3.80 | 4.35 | 3.87 | 3.46 | 4.57 | 3.79 | 3.47 | 3.81 | 4.41 | 4.16 | 7.32 | 6.66 | 9.36 | 9.86 | 11.19 | 15.99 | 11.17 | 5.27 | 4.71 | 4.22 | 3.39 | 3.48 | 3.34 | 2.85 |
| | -61.85 | -58.95 | -40.36 | -0.55 | -20.06 | -0.28 | -3.64 | -13.52 | -34.00 | -49.05 | -31.68 | -58.03 | -26.69 | -21.85 | -9.20 | -2.08 | -7.29 | -67.49 | -77.44 | -77.60 | -88.24 | -85.06 | -93.31 | -92.18 |
| PPL_SHRM_GT3 | 103.79 | 106.83 | 81.57 | 37.05 | 70.21 | 45.81 | 44.86 | 56.83 | 82.77 | 98.59 | 115.06 | 122.69 | 119.86 | 116.73 | 119.70 | 160.00 | 124.89 | 121.91 | 125.09 | 120.89 | 125.31 | 125.28 | 133.41 | 126.34 |
| 24213 | 3.44 | 4.12 | 3.90 | 3.59 | 4.80 | 3.94 | 3.52 | 3.86 | 4.29 | 3.48 | 5.99 | 5.72 | 8.27 | 8.88 | 9.66 | 13.60 | 9.13 | 4.25 | 3.80 | 3.31 | 2.55 | 2.50 | 2.50 | 2.20 |
| | -61.85 | -58.95 | -40.36 | -0.55 | -20.06 | -0.28 | -3.64 | -13.52 | -34.00 | -49.05 | -31.68 | -58.03 | -26.69 | -21.85 | -9.20 | -2.08 | -7.29 | -67.49 | -77.44 | -77.60 | -88.24 | -85.06 | -93.31 | -92.18 |
| PPL_SHRM_GT4 | 103.79 | 106.83 | 81.57 | 37.05 | 70.21 | 45.81 | 44.86 | 56.83 | 82.77 | 98.59 | 115.06 | 122.69 | 119.86 | 116.73 | 119.70 | 160.00 | 124.89 | 121.91 | 125.09 | 120.89 | 125.31 | 125.28 | 133.41 | 126.34 |
| 24214 | 3.44 | 4.12 | 3.90 | 3.59 | 4.80 | 3.94 | 3.52 | 3.86 | 4.29 | 3.48 | 5.99 | 5.72 | 8.27 | 8.88 | 9.66 | 13.60 | 9.13 | 4.25 | 3.80 | 3.31 | 2.55 | 2.50 | 2.50 | 2.20 |
| | -61.85 | -58.95 | -40.36 | -0.55 | -20.06 | -0.28 | -3.64 | -13.52 | -34.00 | -49.05 | -31.68 | -58.03 | -26.69 | -21.85 | -9.20 | -2.08 | -7.29 | -67.49 | -77.44 | -77.60 | -88.24 | -85.06 | -93.31 | -92.18 |
| PROJECT___ORANGE | 38.50 | 43.76 | 37.31 | 32.91 | 45.35 | 41.59 | 37.69 | 39.45 | 44.48 | 46.06 | 77.39 | 58.94 | 84.90 | 86.00 | 100.84 | 144.31 | 108.47 | 50.17 | 43.85 | 39.98 | 34.53 | 37.72 | 37.60 | 31.97 |
| 23990 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PROJECT___ORANGE 1 | 37.80 | 43.67 | 36.52 | 32.26 | 44.46 | 40.84 | 36.89 | 38.48 | 43.28 | 44.87 | 75.52 | 57.83 | 82.93 | 84.07 | 98.53 | 140.72 | 106.08 | 49.09 | 42.91 | 39.28 | 34.74 | 37.03 | 36.88 | 31.28 |
| 24174 | -0.70 | -0.92 | -0.79 | -0.65 | -0.89 | -0.75 | -0.81 | -0.96 | -1.19 | -1.20 | -1.87 | -1.51 | -1.97 | -1.93 | -2.31 | -3.60 | -2.38 | -1.09 | -0.93 | -0.89 | -0.81 | -0.82 | -0.72 | -0.69 |
| | 0.00 | -0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.19 | -1.02 | -0.14 | 0.00 | 0.00 |
| PROJECT___ORANGE 2 | 37.80 | 43.67 | 36.52 | 32.26 | 44.46 | 40.84 | 36.89 | 38.48 | 43.28 | 44.87 | 75.52 | 57.83 | 82.93 | 84.07 | 98.53 | 140.72 | 106.08 | 49.09 | 42.91 | 39.28 | 34.74 | 37.03 | 36.88 | 31.28 |
| 24166 | -0.70 | -0.92 | -0.79 | -0.65 | -0.89 | -0.75 | -0.81 | -0.96 | -1.19 | -1.20 | -1.87 | -1.51 | -1.97 | -1.93 | -2.31 | -3.60 | -2.38 | -1.09 | -0.93 | -0.89 | -0.81 | -0.82 | -0.72 | -0.69 |
| | 0.00 | -0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.19 | -1.02 | -0.14 | 0.00 | 0.00 |
| PYRITES___HYD | 37.81 | 43.13 | 36.91 | 32.42 | 44.39 | 40.80 | 36.74 | 38.47 | 43.15 | 45.11 | 76.06 | 57.54 | 83.90 | 84.21 | 98.72 | 141.42 | 107.99 | 48.97 | 42.51 | 38.84 | 33.67 | 36.93 | 36.90 | 31.33 |
| 24023 | -0.69 | -0.61 | -0.40 | -0.49 | -0.96 | -0.79 | -0.95 | -0.97 | -1.32 | -0.95 | -1.33 | -1.37 | -1.00 | -1.79 | -2.12 | -2.89 | -0.48 | -1.21 | -1.34 | -1.12 | -0.79 | -0.79 | -0.70 | -0.63 |
| | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.06 | 0.00 | 0.00 | 0.00 |
| RANKINE_____ | 38.14 | 44.63 | 36.07 | 31.92 | 43.86 | 40.14 | 36.42 | 37.95 | 42.60 | 44.42 | 75.25 | 59.33 | 84.46 | 86.86 | 101.82 | 145.90 | 109.11 | 51.07 | 44.76 | 40.71 | 36.88 | 38.63 | 38.36 | 32.50 |
| 23646 | -0.36 | -0.90 | -1.24 | -0.99 | -1.50 | -1.46 | -1.27 | -1.50 | -1.88 | -1.64 | -2.13 | -0.43 | -0.44 | 0.87 | 0.98 | 1.59 | 0.64 | 0.89 | 0.91 | 0.35 | 0.27 | 0.61 | 0.76 | 0.54 |
| | 0.00 | -1.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.38 | -2.08 | -0.30 | 0.00 | 0.00 |
| RAVENS GT4-7____ | 42.88 | 59.36 | 41.41 | 36.34 | 49.88 | 45.61 | 41.82 | 43.81 | 49.57 | 51.53 | 87.03 | 72.12 | 95.91 | 97.01 | 113.78 | 162.98 | 121.89 | 56.52 | 49.50 | 47.62 | 51.55 | 44.19 | 42.16 | 35.66 |
| 23728 | 4.38 | 4.93 | 4.10 | 3.42 | 4.53 | 4.02 | 4.13 | 4.37 | 5.09 | 5.47 | 9.64 | 8.18 | 11.01 | 11.02 | 12.94 | 18.67 | 13.42 | 6.35 | 5.66 | 5.32 | 4.40 | 4.68 | 4.56 | 3.70 |
| | 0.00 | -10.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.33 | -12.62 | -1.79 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------------------------|--------------------------|--------------------------|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-----------------------|-----------------------|------------------------|-------------------------|------------------------|-----------------------|------------------------|
| RAVENSWD GT2____ 23730 | 42.80 4.30 0.00 | 59.18 4.75 -10.66 | 41.20 3.90 0.00 | 36.19 3.28 0.00 | 49.58 4.23 0.00 | 45.29 3.70 0.00 | 41.49 3.79 0.00 | 43.55 4.11 0.00 | 49.30 4.82 0.00 | 51.24 5.18 0.00 | 86.63 9.24 0.00 | 71.94 8.00 -5.01 | 95.75 10.86 0.00 | 96.92 10.92 0.00 | 113.57 12.73 0.00 | 162.70 18.38 0.00 | 121.63 13.16 0.00 | 56.44 6.26 0.00 | 49.43 5.58 0.00 | 47.52 5.22 -2.33 | 51.48 4.33 -12.62 | 44.11 4.60 -1.79 | 42.08 4.48 0.00 | 35.57 3.60 0.00 |
| RAVENSWD GT3____ 23733 | 42.80 4.30 0.00 | 59.18 4.75 -10.66 | 41.20 3.90 0.00 | 36.19 3.28 0.00 | 49.58 4.23 0.00 | 45.29 3.70 0.00 | 41.49 3.79 0.00 | 43.55 4.11 0.00 | 49.30 4.82 0.00 | 51.24 5.18 0.00 | 86.63 9.24 0.00 | 71.94 8.00 -5.01 | 95.75 10.86 0.00 | 96.92 10.92 0.00 | 113.57 12.73 0.00 | 162.70 18.38 0.00 | 121.63 13.16 0.00 | 56.44 6.26 0.00 | 49.43 5.58 0.00 | 47.52 5.22 -2.33 | 51.48 4.33 -12.62 | 44.11 4.60 -1.79 | 42.08 4.48 0.00 | 35.57 3.60 0.00 |
| RAVENSWOOD_GT2_1 24244 | 42.80 4.30 0.00 | 59.18 4.75 -10.66 | 41.20 3.90 0.00 | 36.19 3.28 0.00 | 49.58 4.23 0.00 | 45.29 3.70 0.00 | 41.49 3.79 0.00 | 43.55 4.11 0.00 | 49.30 4.82 0.00 | 51.24 5.18 0.00 | 86.63 9.24 0.00 | 71.94 8.00 -5.01 | 95.75 10.86 0.00 | 96.92 10.92 0.00 | 113.57 12.73 0.00 | 162.70 18.38 0.00 | 121.63 13.16 0.00 | 56.44 6.26 0.00 | 49.43 5.58 0.00 | 47.52 5.22 -2.33 | 51.48 4.33 -12.62 | 44.11 4.60 -1.79 | 42.08 4.48 0.00 | 35.57 3.60 0.00 |
| RAVENSWOOD_GT2_2 24245 | 42.80 4.30 0.00 | 59.18 4.75 -10.66 | 41.20 3.90 0.00 | 36.19 3.28 0.00 | 49.58 4.23 0.00 | 45.29 3.70 0.00 | 41.49 3.79 0.00 | 43.55 4.11 0.00 | 49.30 4.82 0.00 | 51.24 5.18 0.00 | 86.63 9.24 0.00 | 71.94 8.00 -5.01 | 95.75 10.86 0.00 | 96.92 10.92 0.00 | 113.57 12.73 0.00 | 162.70 18.38 0.00 | 121.63 13.16 0.00 | 56.44 6.26 0.00 | 49.43 5.58 0.00 | 47.52 5.22 -2.33 | 51.48 4.33 -12.62 | 44.11 4.60 -1.79 | 42.08 4.48 0.00 | 35.57 3.60 0.00 |
| RAVENSWOOD_GT2_3 24246 | 42.80 4.30 0.00 | 59.18 4.75 -10.66 | 41.20 3.90 0.00 | 36.19 3.28 0.00 | 49.58 4.23 0.00 | 45.29 3.70 0.00 | 41.49 3.79 0.00 | 43.55 4.11 0.00 | 49.30 4.82 0.00 | 51.24 5.18 0.00 | 86.63 9.24 0.00 | 71.94 8.00 -5.01 | 95.75 10.86 0.00 | 96.92 10.92 0.00 | 113.57 12.73 0.00 | 162.70 18.38 0.00 | 121.63 13.16 0.00 | 56.44 6.26 0.00 | 49.43 5.58 0.00 | 47.52 5.22 -2.33 | 51.48 4.33 -12.62 | 44.11 4.60 -1.79 | 42.08 4.48 0.00 | 35.57 3.60 0.00 |
| RAVENSWOOD_GT2_4 24247 | 42.80 4.30 0.00 | 59.18 4.75 -10.66 | 41.20 3.90 0.00 | 36.19 3.28 0.00 | 49.58 4.23 0.00 | 45.29 3.70 0.00 | 41.49 3.79 0.00 | 43.55 4.11 0.00 | 49.30 4.82 0.00 | 51.24 5.18 0.00 | 86.63 9.24 0.00 | 71.94 8.00 -5.01 | 95.75 10.86 0.00 | 96.92 10.92 0.00 | 113.57 12.73 0.00 | 162.70 18.38 0.00 | 121.63 13.16 0.00 | 56.44 6.26 0.00 | 49.43 5.58 0.00 | 47.52 5.22 -2.33 | 51.48 4.33 -12.62 | 44.11 4.60 -1.79 | 42.08 4.48 0.00 | 35.57 3.60 0.00 |
| RAVENSWOOD_GT3_1 24248 | 42.80 4.30 0.00 | 59.18 4.75 -10.66 | 41.20 3.90 0.00 | 36.19 3.28 0.00 | 49.58 4.23 0.00 | 45.29 3.70 0.00 | 41.49 3.79 0.00 | 43.55 4.11 0.00 | 49.30 4.82 0.00 | 51.24 5.18 0.00 | 86.63 9.24 0.00 | 71.94 8.00 -5.01 | 95.75 10.86 0.00 | 96.92 10.92 0.00 | 113.57 12.73 0.00 | 162.70 18.38 0.00 | 121.63 13.16 0.00 | 56.44 6.26 0.00 | 49.43 5.58 0.00 | 47.52 5.22 -2.33 | 51.48 4.33 -12.62 | 44.11 4.60 -1.79 | 42.08 4.48 0.00 | 35.57 3.60 0.00 |
| RAVENSWOOD_GT3_2 24249 | 42.80 4.30 0.00 | 59.18 4.75 -10.66 | 41.20 3.90 0.00 | 36.19 3.28 0.00 | 49.58 4.23 0.00 | 45.29 3.70 0.00 | 41.49 3.79 0.00 | 43.55 4.11 0.00 | 49.30 4.82 0.00 | 51.24 5.18 0.00 | 86.63 9.24 0.00 | 71.94 8.00 -5.01 | 95.75 10.86 0.00 | 96.92 10.92 0.00 | 113.57 12.73 0.00 | 162.70 18.38 0.00 | 121.63 13.16 0.00 | 56.44 6.26 0.00 | 49.43 5.58 0.00 | 47.52 5.22 -2.33 | 51.48 4.33 -12.62 | 44.11 4.60 -1.79 | 42.08 4.48 0.00 | 35.57 3.60 0.00 |
| RAVENSWOOD_GT3_3 24250 | 42.80 4.30 0.00 | 59.18 4.75 -10.66 | 41.20 3.90 0.00 | 36.19 3.28 0.00 | 49.58 4.23 0.00 | 45.29 3.70 0.00 | 41.49 3.79 0.00 | 43.55 4.11 0.00 | 49.30 4.82 0.00 | 51.24 5.18 0.00 | 86.63 9.24 0.00 | 71.94 8.00 -5.01 | 95.75 10.86 0.00 | 96.92 10.92 0.00 | 113.57 12.73 0.00 | 162.70 18.38 0.00 | 121.63 13.16 0.00 | 56.44 6.26 0.00 | 49.43 5.58 0.00 | 47.52 5.22 -2.33 | 51.48 4.33 -12.62 | 44.11 4.60 -1.79 | 42.08 4.48 0.00 | 35.57 3.60 0.00 |
| RAVENSWOOD_GT3_4 24251 | 42.80 4.30 0.00 | 59.18 4.75 -10.66 | 41.20 3.90 0.00 | 36.19 3.28 0.00 | 49.58 4.23 0.00 | 45.29 3.70 0.00 | 41.49 3.79 0.00 | 43.55 4.11 0.00 | 49.30 4.82 0.00 | 51.24 5.18 0.00 | 86.63 9.24 0.00 | 71.94 8.00 -5.01 | 95.75 10.86 0.00 | 96.92 10.92 0.00 | 113.57 12.73 0.00 | 162.70 18.38 0.00 | 121.63 13.16 0.00 | 56.44 6.26 0.00 | 49.43 5.58 0.00 | 47.52 5.22 -2.33 | 51.48 4.33 -12.62 | 44.11 4.60 -1.79 | 42.08 4.48 0.00 | 35.57 3.60 0.00 |
| RAVENSWOOD_GT_1 23729 | 48.43 4.27 -5.65 | 125.22 4.74 -76.71 | 129.06 3.90 -87.86 | 102.75 3.28 -66.56 | 49.58 4.23 0.00 | 45.27 3.68 0.00 | 41.44 3.75 0.00 | 43.46 4.02 0.00 | 49.15 4.67 0.00 | 51.07 5.01 0.00 | 86.34 8.95 0.00 | 71.72 7.77 -5.01 | 95.43 10.54 0.00 | 96.59 10.59 0.00 | 113.20 12.36 0.00 | 162.17 17.85 0.00 | 121.23 12.76 0.00 | 56.25 6.08 0.00 | 49.28 5.43 0.00 | 47.40 5.09 -2.33 | 51.38 4.23 -12.62 | 43.99 4.48 -1.79 | 41.91 4.31 0.00 | 38.24 3.48 -2.80 |
| RAVENSWOOD_GT_10 24258 | 42.89 4.38 0.00 | 59.37 4.94 -10.66 | 41.41 4.11 0.00 | 36.34 3.43 0.00 | 49.89 4.54 0.00 | 45.62 4.03 0.00 | 41.83 4.14 0.00 | 43.82 4.37 0.00 | 49.58 5.10 0.00 | 51.54 5.48 0.00 | 87.05 9.66 0.00 | 72.14 8.19 -5.01 | 95.91 11.02 0.00 | 97.02 11.02 0.00 | 113.78 12.94 0.00 | 162.99 18.68 0.00 | 121.89 13.43 0.00 | 56.53 6.35 0.00 | 49.50 5.66 0.00 | 47.63 5.32 -2.33 | 51.56 4.41 -12.62 | 44.20 4.69 -1.79 | 42.17 4.57 0.00 | 35.66 3.70 0.00 |
| RAVENSWOOD_GT_11 24259 | 42.89 4.38 0.00 | 59.37 4.94 -10.66 | 41.41 4.11 0.00 | 36.34 3.43 0.00 | 49.89 4.54 0.00 | 45.62 4.03 0.00 | 41.83 4.14 0.00 | 43.82 4.37 0.00 | 49.58 5.10 0.00 | 51.54 5.48 0.00 | 87.05 9.66 0.00 | 72.14 8.19 -5.01 | 95.91 11.02 0.00 | 97.02 11.02 0.00 | 113.78 12.94 0.00 | 162.99 18.68 0.00 | 121.89 13.43 0.00 | 56.53 6.35 0.00 | 49.50 5.66 0.00 | 47.63 5.32 -2.33 | 51.56 4.41 -12.62 | 44.20 4.69 -1.79 | 42.17 4.57 0.00 | 35.66 3.70 0.00 |
| RAVENSWOOD_GT_4 24252 | 42.88 4.38 0.00 | 59.36 4.93 -10.66 | 41.41 4.10 0.00 | 36.34 3.42 0.00 | 49.88 4.53 0.00 | 45.61 4.02 0.00 | 41.82 4.13 0.00 | 43.81 4.37 0.00 | 49.57 5.09 0.00 | 51.53 5.47 0.00 | 87.03 9.64 0.00 | 72.12 8.18 -5.01 | 95.91 11.01 0.00 | 97.01 11.02 0.00 | 113.78 12.94 0.00 | 162.98 18.67 0.00 | 121.89 13.42 0.00 | 56.52 6.35 0.00 | 49.50 5.66 0.00 | 47.62 5.32 -2.33 | 51.55 4.40 -12.62 | 44.19 4.68 -1.79 | 42.16 4.56 0.00 | 35.66 3.70 0.00 |
| RAVENSWOOD_GT_5 24254 | 42.80 4.30 0.00 | 59.18 4.75 -10.66 | 41.20 3.90 0.00 | 36.19 3.28 0.00 | 49.58 4.23 0.00 | 45.29 3.70 0.00 | 41.49 3.79 0.00 | 43.55 4.11 0.00 | 49.30 4.82 0.00 | 51.24 5.18 0.00 | 86.63 9.24 0.00 | 71.94 8.00 -5.01 | 95.75 10.86 0.00 | 96.92 10.92 0.00 | 113.57 12.73 0.00 | 162.70 18.38 0.00 | 121.63 13.16 0.00 | 56.44 6.26 0.00 | 49.43 5.58 0.00 | 47.52 5.22 -2.33 | 51.48 4.33 -12.62 | 44.11 4.60 -1.79 | 42.08 4.48 0.00 | 35.57 3.60 0.00 |
| RAVENSWOOD_GT_6 24253 | 42.88 4.38 0.00 | 59.36 4.93 -10.66 | 41.41 4.10 0.00 | 36.34 3.42 0.00 | 49.88 4.53 0.00 | 45.61 4.02 0.00 | 41.82 4.13 0.00 | 43.81 4.37 0.00 | 49.57 5.09 0.00 | 51.53 5.47 0.00 | 87.03 9.64 0.00 | 72.12 8.18 -5.01 | 95.91 11.01 0.00 | 97.01 11.02 0.00 | 113.78 12.94 0.00 | 162.98 18.67 0.00 | 121.89 13.42 0.00 | 56.52 6.35 0.00 | 49.50 5.66 0.00 | 47.62 5.32 -2.33 | 51.55 4.40 -12.62 | 44.19 4.68 -1.79 | 42.16 4.56 0.00 | 35.66 3.70 0.00 |

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|---|------------------------|--------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|--------------------------|-------------------------|------------------------|------------------------|
| RAVENSWOOD_GT_7 24255 | 42.80 4.30 0.00 | 59.18 4.75 -10.66 | 41.20 3.90 0.00 | 36.19 3.28 0.00 | 49.58 4.23 0.00 | 45.29 3.70 0.00 | 41.49 3.79 0.00 | 43.55 4.11 0.00 | 49.30 4.82 0.00 | 51.24 5.18 0.00 | 86.63 9.24 0.00 | 71.94 8.00 -5.01 | 95.75 10.86 0.00 | 96.92 10.92 0.00 | 113.57 12.73 0.00 | 162.70 18.38 0.00 | 121.63 13.16 0.00 | 56.44 6.26 0.00 | 49.43 5.58 0.00 | 47.52 5.22 -2.33 | 51.48 4.33 -12.62 | 44.11 4.60 -1.79 | 42.08 4.48 0.00 | 35.57 3.60 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 42.89 4.38 0.00 | 59.37 4.94 -10.66 | 41.41 4.11 0.00 | 36.34 3.43 0.00 | 49.89 4.54 0.00 | 45.62 4.03 0.00 | 41.83 4.14 0.00 | 43.82 4.37 0.00 | 49.58 5.10 0.00 | 51.54 5.48 0.00 | 87.05 9.66 0.00 | 72.14 8.19 -5.01 | 95.91 11.02 0.00 | 97.02 11.02 0.00 | 113.78 12.94 0.00 | 162.99 18.68 0.00 | 121.89 13.43 0.00 | 56.53 6.35 0.00 | 49.50 5.66 0.00 | 47.63 5.32 -2.33 | 51.56 4.41 -12.62 | 44.20 4.69 -1.79 | 42.17 4.57 0.00 | 35.66 3.70 0.00 |
| RAVENSWOOD_GT_9 24257 | 42.89 4.38 0.00 | 59.37 4.94 -10.66 | 41.41 4.11 0.00 | 36.34 3.43 0.00 | 49.89 4.54 0.00 | 45.62 4.03 0.00 | 41.83 4.14 0.00 | 43.82 4.37 0.00 | 49.58 5.10 0.00 | 51.54 5.48 0.00 | 87.05 9.66 0.00 | 72.14 8.19 -5.01 | 95.91 11.02 0.00 | 97.02 11.02 0.00 | 113.78 12.94 0.00 | 162.99 18.68 0.00 | 121.89 13.43 0.00 | 56.53 6.35 0.00 | 49.50 5.66 0.00 | 47.63 5.32 -2.33 | 51.56 4.41 -12.62 | 44.20 4.69 -1.79 | 42.17 4.57 0.00 | 35.66 3.70 0.00 |
| RAVENSWOOD___1 23533 | 48.44 4.29 -5.65 | 125.32 4.84 -76.71 | 129.17 4.00 -87.86 | 102.80 3.33 -66.56 | 49.72 4.37 0.00 | 45.46 3.87 0.00 | 41.65 3.96 0.00 | 43.60 4.16 0.00 | 49.32 4.84 0.00 | 51.27 5.21 0.00 | 86.58 9.19 0.00 | 71.77 7.83 -5.01 | 95.38 10.49 0.00 | 96.49 10.50 0.00 | 113.18 12.34 0.00 | 162.12 17.80 0.00 | 121.24 12.77 0.00 | 56.22 6.05 0.00 | 49.24 5.39 0.00 | 47.40 5.09 -2.33 | 51.37 4.22 -12.62 | 44.00 4.49 -1.79 | 41.92 4.32 0.00 | 38.26 3.50 -2.80 |
| RAVENSWOOD___2 23534 | 48.43 4.28 -5.65 | 125.28 4.81 -76.71 | 129.14 3.97 -87.86 | 102.77 3.29 -66.56 | 49.63 4.28 0.00 | 45.38 3.79 0.00 | 41.61 3.91 0.00 | 43.60 4.16 0.00 | 49.32 4.84 0.00 | 51.25 5.19 0.00 | 86.52 9.13 0.00 | 71.73 7.78 -5.01 | 95.34 10.44 0.00 | 96.44 10.44 0.00 | 113.11 12.27 0.00 | 162.03 17.71 0.00 | 121.19 12.72 0.00 | 56.20 6.03 0.00 | 49.21 5.37 0.00 | 47.36 5.06 -2.33 | 51.35 4.20 -12.62 | 43.98 4.47 -1.79 | 41.94 4.34 0.00 | 38.28 3.52 -2.80 |
| RAVENSWOOD___3 23535 | 42.78 4.27 0.00 | 59.17 4.74 -10.66 | 41.20 3.90 0.00 | 36.19 3.28 0.00 | 49.58 4.23 0.00 | 45.27 3.68 0.00 | 41.44 3.75 0.00 | 43.46 4.02 0.00 | 49.15 4.67 0.00 | 51.07 5.01 0.00 | 86.34 8.95 0.00 | 71.72 7.77 -5.01 | 95.43 10.54 0.00 | 96.59 10.59 0.00 | 113.20 12.36 0.00 | 162.17 17.85 0.00 | 121.23 12.76 0.00 | 56.25 6.08 0.00 | 49.28 5.43 0.00 | 47.40 5.09 -2.33 | 51.38 4.23 -12.62 | 43.99 4.48 -1.79 | 41.91 4.31 0.00 | 35.44 3.48 0.00 |
| RAVNSWD 8-11____ 23667 | 42.89 4.38 0.00 | 59.37 4.94 -10.66 | 41.41 4.11 0.00 | 36.34 3.43 0.00 | 49.89 4.54 0.00 | 45.62 4.03 0.00 | 41.83 4.14 0.00 | 43.82 4.37 0.00 | 49.58 5.10 0.00 | 51.54 5.48 0.00 | 87.05 9.66 0.00 | 72.14 8.19 -5.01 | 95.91 11.02 0.00 | 97.02 11.02 0.00 | 113.78 12.94 0.00 | 162.99 18.68 0.00 | 121.89 13.43 0.00 | 56.53 6.35 0.00 | 49.50 5.66 0.00 | 47.63 5.32 -2.33 | 51.56 4.41 -12.62 | 44.20 4.69 -1.79 | 42.17 4.57 0.00 | 35.66 3.70 0.00 |
| RCPL TRUST___DRP 24196 | 42.82 4.32 0.00 | 59.20 4.77 -10.66 | 41.20 3.90 0.00 | 36.20 3.29 0.00 | 49.58 4.23 0.00 | 45.30 3.71 0.00 | 41.50 3.81 0.00 | 43.60 4.15 0.00 | 49.37 4.89 0.00 | 51.32 5.26 0.00 | 86.79 9.40 0.00 | 72.09 8.14 -5.01 | 95.98 11.08 0.00 | 97.17 11.17 0.00 | 113.85 13.01 0.00 | 163.10 18.79 0.00 | 121.92 13.45 0.00 | 56.58 6.40 0.00 | 49.54 5.70 0.00 | 47.61 5.30 -2.33 | 51.54 4.40 -12.62 | 44.18 4.67 -1.79 | 42.13 4.54 0.00 | 35.60 3.64 0.00 |
| RENSSELAER___COGEN 23796 | 39.94 1.44 0.00 | 59.15 1.82 -13.57 | 39.12 1.81 0.00 | 34.58 1.67 0.00 | 47.68 2.33 0.00 | 43.74 2.15 0.00 | 39.31 1.62 0.00 | 41.11 1.66 0.00 | 46.25 1.77 0.00 | 47.60 1.53 0.00 | 79.44 2.05 0.00 | 66.02 0.73 -6.34 | 86.22 1.33 0.00 | 86.53 0.53 0.00 | 101.58 0.74 0.00 | 145.58 1.26 0.00 | 109.91 1.44 0.00 | 50.28 0.11 0.00 | 44.05 0.20 0.00 | 43.54 0.60 -2.96 | 51.07 0.48 -16.06 | 40.36 0.36 -2.29 | 38.07 0.47 0.00 | 32.67 0.70 0.00 |
| REVERE_CPPR_DRP 24186 | 39.38 0.88 0.00 | 44.85 0.88 -0.21 | 38.09 0.78 0.00 | 33.57 0.66 0.00 | 46.25 0.90 0.00 | 42.60 1.01 0.00 | 38.42 0.73 0.00 | 40.09 0.64 0.00 | 44.85 0.37 0.00 | 46.60 0.54 0.00 | 78.63 1.24 0.00 | 59.91 0.87 -0.10 | 86.73 1.83 0.00 | 87.51 1.52 0.00 | 102.54 1.70 0.00 | 146.61 2.30 0.00 | 111.11 2.64 0.00 | 51.07 0.89 0.00 | 44.52 0.67 0.00 | 40.72 0.70 -0.05 | 35.28 0.48 -0.27 | 38.37 0.62 -0.04 | 38.54 0.95 0.00 | 32.65 0.68 0.00 |
| ROCHESTER_9_IC 23652 | 37.38 -1.12 0.00 | 43.72 -1.38 -1.34 | 36.17 -1.14 0.00 | 32.01 -0.90 0.00 | 43.97 -1.38 0.00 | 40.51 -1.08 0.00 | 36.48 -1.21 0.00 | 38.15 -1.29 0.00 | 42.87 -1.60 0.00 | 44.86 -1.21 0.00 | 75.26 -2.13 0.00 | 57.28 -2.26 -0.61 | 82.84 -2.05 0.00 | 84.07 -1.92 0.00 | 98.77 -2.07 0.00 | 141.23 -3.08 0.00 | 106.82 -1.64 0.00 | 48.95 -1.22 0.00 | 42.63 -1.21 0.00 | 39.00 -1.27 -0.28 | 34.83 -1.23 -1.54 | 36.78 -1.16 -0.22 | 36.51 -1.09 0.00 | 31.02 -0.94 0.00 |
| ROSETON___1 23587 | 41.73 3.23 0.00 | 58.04 3.64 -10.64 | 40.15 2.84 0.00 | 35.29 2.38 0.00 | 48.40 3.05 0.00 | 44.17 2.57 0.00 | 40.32 2.63 0.00 | 42.39 2.95 0.00 | 47.97 3.50 0.00 | 49.50 3.44 0.00 | 83.31 5.92 0.00 | 69.31 5.39 -4.98 | 92.05 7.15 0.00 | 93.06 7.06 0.00 | 108.97 8.13 0.00 | 156.15 11.84 0.00 | 116.54 8.07 0.00 | 53.99 3.81 0.00 | 47.64 3.80 0.00 | 45.83 3.54 -2.32 | 50.04 2.95 -12.57 | 42.71 3.21 -1.79 | 40.66 3.07 0.00 | 34.47 2.51 0.00 |
| ROSETON___2 23588 | 41.63 3.13 0.00 | 57.97 3.57 -10.64 | 40.13 2.83 0.00 | 35.27 2.36 0.00 | 48.37 3.02 0.00 | 44.14 2.55 0.00 | 40.29 2.60 0.00 | 42.34 2.90 0.00 | 47.89 3.41 0.00 | 49.41 3.34 0.00 | 83.22 5.83 0.00 | 69.34 5.42 -4.98 | 92.10 7.21 0.00 | 93.02 7.02 0.00 | 108.86 8.02 0.00 | 155.97 11.66 0.00 | 116.44 7.97 0.00 | 53.95 3.77 0.00 | 47.64 3.79 0.00 | 45.88 3.58 -2.32 | 50.09 3.00 -12.57 | 42.76 3.26 -1.79 | 40.71 3.11 0.00 | 34.53 2.57 0.00 |
| RUSSELL___STATION 23914 | 36.71 -1.79 0.00 | 42.94 -2.16 -1.34 | 35.49 -1.82 0.00 | 31.42 -1.49 0.00 | 43.16 -2.19 0.00 | 39.76 -1.83 0.00 | 35.84 -1.85 0.00 | 37.54 -1.91 0.00 | 42.20 -2.28 0.00 | 44.21 -1.86 0.00 | 74.42 -2.97 0.00 | 56.69 -2.86 -0.60 | 81.79 -3.10 0.00 | 83.05 -2.94 0.00 | 97.59 -3.25 0.00 | 139.54 -4.77 0.00 | 105.54 -2.93 0.00 | 48.34 -1.84 0.00 | 42.09 -1.76 0.00 | 38.49 -1.77 -0.28 | 34.37 -1.69 -1.54 | 36.26 -1.68 -0.22 | 35.91 -1.69 0.00 | 30.51 -1.46 0.00 |
| S SALMON___HYD 24043 | 37.63 -0.88 0.00 | 43.14 -1.26 -0.64 | 36.26 -1.04 0.00 | 32.02 -0.89 0.00 | 44.31 -1.04 0.00 | 40.92 -0.67 0.00 | 36.83 -0.86 0.00 | 38.18 -1.26 0.00 | 42.82 -1.66 0.00 | 44.48 -1.59 0.00 | 74.88 -2.51 0.00 | 57.04 -2.22 -0.32 | 82.65 -2.25 0.00 | 83.53 -2.47 0.00 | 97.95 -2.89 0.00 | 139.98 -4.33 0.00 | 106.10 -2.37 0.00 | 48.75 -1.42 0.00 | 42.45 -1.39 0.00 | 38.92 -1.21 -0.15 | 34.19 -1.14 -0.80 | 36.82 -1.00 -0.11 | 36.80 -0.80 0.00 | 31.19 -0.78 0.00 |
| SELKIRK___II 23799 | 39.18 0.68 0.00 | 58.22 1.02 -13.44 | 38.46 1.16 0.00 | 33.90 0.99 0.00 | 46.74 1.39 0.00 | 42.92 1.32 0.00 | 38.61 0.92 0.00 | 40.40 0.96 0.00 | 45.46 0.98 0.00 | 46.85 0.79 0.00 | 78.28 0.89 0.00 | 65.11 -0.15 -6.31 | 84.89 -0.01 0.00 | 85.12 -0.88 0.00 | 99.87 -0.97 0.00 | 143.06 -1.25 0.00 | 108.13 -0.34 0.00 | 49.44 -0.73 0.00 | 43.28 -0.57 0.00 | 42.76 -0.18 -2.96 | 50.39 -0.20 -16.07 | 39.72 -0.29 -2.29 | 37.41 -0.18 0.00 | 32.05 0.09 0.00 |

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| SELKIRK__I 23801 | 39.50 1.00 0.00 | 58.54 1.36 -13.42 | 38.66 1.36 0.00 | 34.13 1.22 0.00 | 46.97 1.62 0.00 | 43.10 1.51 0.00 | 38.70 1.01 0.00 | 40.52 1.08 0.00 | 45.61 1.13 0.00 | 47.05 0.99 0.00 | 78.69 1.30 0.00 | 65.47 0.23 -6.30 | 85.54 0.64 0.00 | 85.85 -0.14 0.00 | 100.74 -0.10 0.00 | 144.26 -0.06 0.00 | 109.06 0.59 0.00 | 49.86 -0.32 0.00 | 43.62 -0.22 0.00 | 43.05 0.14 -2.94 | 50.53 0.06 -15.94 | 39.93 -0.05 -2.26 | 37.57 -0.03 0.00 | 32.16 0.19 0.00 |
| SENECA OSWGO__HYD 24041 | 37.07 -1.44 0.00 | 42.84 -1.72 -0.79 | 35.88 -1.42 0.00 | 31.76 -1.15 0.00 | 43.98 -1.37 0.00 | 40.54 -1.06 0.00 | 36.64 -1.05 0.00 | 38.27 -1.18 0.00 | 42.91 -1.56 0.00 | 44.12 -1.95 0.00 | 74.10 -3.29 0.00 | 56.47 -2.84 -0.37 | 81.04 -3.86 0.00 | 82.22 -3.78 0.00 | 96.39 -4.45 0.00 | 137.42 -6.89 0.00 | 103.50 -4.96 0.00 | 47.85 -2.32 0.00 | 41.81 -2.04 0.00 | 38.26 -1.89 -0.17 | 33.78 -1.69 -0.94 | 36.07 -1.78 -0.13 | 36.07 -1.52 0.00 | 30.77 -1.20 0.00 |
| SENECA__ENERGY 23797 | 37.30 -1.20 0.00 | 43.57 -1.57 -1.37 | 35.96 -1.35 0.00 | 31.90 -1.01 0.00 | 43.69 -1.66 0.00 | 39.84 -1.76 0.00 | 36.08 -1.61 0.00 | 37.83 -1.62 0.00 | 42.70 -1.77 0.00 | 44.46 -1.61 0.00 | 74.90 -2.49 0.00 | 57.42 -2.15 -0.64 | 82.07 -2.83 0.00 | 83.39 -2.60 0.00 | 97.94 -2.90 0.00 | 140.00 -4.31 0.00 | 105.53 -2.94 0.00 | 49.01 -1.17 0.00 | 42.43 -1.42 0.00 | 38.93 -1.35 -0.30 | 34.92 -1.22 -1.61 | 36.78 -1.16 -0.23 | 36.59 -1.01 0.00 | 31.17 -0.79 0.00 |
| SHOEMAKER__GT 23640 | 40.87 2.37 0.00 | 55.90 2.45 -9.69 | 39.08 1.78 0.00 | 34.36 1.45 0.00 | 47.24 1.88 0.00 | 43.10 1.50 0.00 | 39.33 1.64 0.00 | 41.29 1.85 0.00 | 46.76 2.28 0.00 | 48.48 2.41 0.00 | 81.97 4.59 0.00 | 68.05 4.56 -4.56 | 90.92 6.02 0.00 | 92.31 6.31 0.00 | 108.14 7.30 0.00 | 154.89 10.57 0.00 | 115.73 7.26 0.00 | 53.81 3.63 0.00 | 47.28 3.43 0.00 | 45.19 3.09 -2.12 | 48.58 2.57 -11.49 | 42.10 2.75 -1.63 | 40.29 2.69 0.00 | 34.06 2.10 0.00 |
| SHOREHAM_IC_1 23715 | 103.79 3.44 -61.85 | 106.83 4.12 -58.95 | 81.57 3.90 -40.36 | 37.05 3.59 -0.55 | 70.21 4.80 -20.06 | 45.81 3.94 -0.28 | 44.86 3.52 -3.64 | 56.83 3.86 -13.52 | 82.77 4.29 -34.00 | 98.59 3.48 -49.05 | 115.06 5.99 -31.68 | 122.69 5.72 -58.03 | 119.86 8.27 -26.69 | 116.73 8.88 -21.85 | 119.70 9.66 -9.20 | 160.00 13.60 -2.08 | 124.89 9.13 -7.29 | 121.91 4.25 -67.49 | 125.09 3.80 -77.44 | 120.89 3.31 -77.60 | 125.31 2.55 -88.24 | 125.28 2.50 -85.06 | 133.41 2.50 -93.31 | 126.34 2.20 -92.18 |
| SHOREHAM_IC_2 23716 | 103.79 3.44 -61.85 | 106.83 4.12 -58.95 | 81.57 3.90 -40.36 | 37.05 3.59 -0.55 | 70.21 4.80 -20.06 | 45.81 3.94 -0.28 | 44.86 3.52 -3.64 | 56.83 3.86 -13.52 | 82.77 4.29 -34.00 | 98.59 3.48 -49.05 | 115.06 5.99 -31.68 | 122.69 5.72 -58.03 | 119.86 8.27 -26.69 | 116.73 8.88 -21.85 | 119.70 9.66 -9.20 | 160.00 13.60 -2.08 | 124.89 9.13 -7.29 | 121.91 4.25 -67.49 | 125.09 3.80 -77.44 | 120.89 3.31 -77.60 | 125.31 2.55 -88.24 | 125.28 2.50 -85.06 | 133.41 2.50 -93.31 | 126.34 2.20 -92.18 |
| SITHE_IND_GS1 24169 | 37.03 -1.47 0.00 | 42.67 -1.72 -0.63 | 35.84 -1.46 0.00 | 31.68 -1.23 0.00 | 43.77 -1.58 0.00 | 40.21 -1.38 0.00 | 36.40 -1.29 0.00 | 38.01 -1.43 0.00 | 42.83 -1.65 0.00 | 44.31 -1.75 0.00 | 74.42 -2.97 0.00 | 56.85 -2.40 -0.31 | 81.48 -3.42 0.00 | 82.69 -3.31 0.00 | 96.95 -3.89 0.00 | 138.43 -5.88 0.00 | 104.01 -4.46 0.00 | 48.24 -1.93 0.00 | 42.20 -1.65 0.00 | 38.57 -1.55 -0.15 | 33.97 -1.34 -0.78 | 36.42 -1.40 -0.11 | 36.21 -1.39 0.00 | 30.76 -1.20 0.00 |
| SITHE_IND_GS2 24170 | 37.03 -1.47 0.00 | 42.67 -1.72 -0.63 | 35.84 -1.46 0.00 | 31.68 -1.23 0.00 | 43.77 -1.58 0.00 | 40.21 -1.38 0.00 | 36.40 -1.29 0.00 | 38.01 -1.43 0.00 | 42.83 -1.65 0.00 | 44.31 -1.75 0.00 | 74.42 -2.97 0.00 | 56.85 -2.40 -0.31 | 81.48 -3.42 0.00 | 82.69 -3.31 0.00 | 96.95 -3.89 0.00 | 138.43 -5.88 0.00 | 104.01 -4.46 0.00 | 48.24 -1.93 0.00 | 42.20 -1.65 0.00 | 38.57 -1.55 -0.15 | 33.97 -1.34 -0.78 | 36.42 -1.40 -0.11 | 36.21 -1.39 0.00 | 30.76 -1.20 0.00 |
| SITHE_IND_GS3 24171 | 37.03 -1.47 0.00 | 42.67 -1.72 -0.63 | 35.84 -1.46 0.00 | 31.68 -1.23 0.00 | 43.77 -1.58 0.00 | 40.21 -1.38 0.00 | 36.40 -1.29 0.00 | 38.01 -1.43 0.00 | 42.83 -1.65 0.00 | 44.31 -1.75 0.00 | 74.42 -2.97 0.00 | 56.85 -2.40 -0.31 | 81.48 -3.42 0.00 | 82.69 -3.31 0.00 | 96.95 -3.89 0.00 | 138.43 -5.88 0.00 | 104.01 -4.46 0.00 | 48.24 -1.93 0.00 | 42.20 -1.65 0.00 | 38.57 -1.55 -0.15 | 33.97 -1.34 -0.78 | 36.42 -1.40 -0.11 | 36.21 -1.39 0.00 | 30.76 -1.20 0.00 |
| SITHE_IND_GS4 24172 | 37.03 -1.47 0.00 | 42.67 -1.72 -0.63 | 35.84 -1.46 0.00 | 31.68 -1.23 0.00 | 43.77 -1.58 0.00 | 40.21 -1.38 0.00 | 36.40 -1.29 0.00 | 38.01 -1.43 0.00 | 42.83 -1.65 0.00 | 44.31 -1.75 0.00 | 74.42 -2.97 0.00 | 56.85 -2.40 -0.31 | 81.48 -3.42 0.00 | 82.69 -3.31 0.00 | 96.95 -3.89 0.00 | 138.43 -5.88 0.00 | 104.01 -4.46 0.00 | 48.24 -1.93 0.00 | 42.20 -1.65 0.00 | 38.57 -1.55 -0.15 | 33.97 -1.34 -0.78 | 36.42 -1.40 -0.11 | 36.21 -1.39 0.00 | 30.76 -1.20 0.00 |
| SITHE__BATAVIA 24024 | 38.90 0.40 0.00 | 45.48 0.18 -1.53 | 37.15 -0.15 0.00 | 32.82 -0.09 0.00 | 44.97 -0.38 0.00 | 41.29 -0.31 0.00 | 37.39 -0.30 0.00 | 38.67 -0.77 0.00 | 43.18 -1.29 0.00 | 45.16 -0.90 0.00 | 76.27 -1.11 0.00 | 59.44 -0.20 -0.70 | 84.89 -0.01 0.00 | 87.02 1.03 0.00 | 102.21 1.37 0.00 | 146.40 2.09 0.00 | 109.48 1.01 0.00 | 50.95 0.78 0.00 | 44.65 0.80 0.00 | 40.68 0.38 -0.33 | 36.46 0.16 -1.77 | 38.33 0.36 -0.26 | 38.41 0.81 0.00 | 32.74 0.78 0.00 |
| SITHE__INDEPEND 23800 | 37.03 -1.47 0.00 | 42.67 -1.72 -0.63 | 35.84 -1.46 0.00 | 31.68 -1.23 0.00 | 43.77 -1.58 0.00 | 40.21 -1.38 0.00 | 36.40 -1.29 0.00 | 38.01 -1.43 0.00 | 42.83 -1.65 0.00 | 44.31 -1.75 0.00 | 74.42 -2.97 0.00 | 56.85 -2.40 -0.31 | 81.48 -3.42 0.00 | 82.69 -3.31 0.00 | 96.95 -3.89 0.00 | 138.43 -5.88 0.00 | 104.01 -4.46 0.00 | 48.24 -1.93 0.00 | 42.20 -1.65 0.00 | 38.57 -1.55 -0.15 | 33.97 -1.34 -0.78 | 36.42 -1.40 -0.11 | 36.21 -1.39 0.00 | 30.76 -1.20 0.00 |
| SITHE__MASSENA 23902 | 37.62 -0.89 0.00 | 42.74 -0.87 0.16 | 36.62 -0.68 0.00 | 32.25 -0.66 0.00 | 44.36 -0.99 0.00 | 40.72 -0.87 0.00 | 36.89 -0.81 0.00 | 38.66 -0.79 0.00 | 43.48 -1.00 0.00 | 45.22 -0.84 0.00 | 75.87 -1.51 0.00 | 57.51 -1.37 0.06 | 83.15 -1.75 0.00 | 83.91 -2.09 0.00 | 98.39 -2.45 0.00 | 140.97 -3.35 0.00 | 106.38 -2.09 0.00 | 48.83 -1.35 0.00 | 42.56 -1.29 0.00 | 38.79 -1.16 0.03 | 33.48 -0.89 0.15 | 36.68 -1.01 0.03 | 36.59 -1.01 0.00 | 31.24 -0.72 0.00 |
| SITHE__OGDNSBRG 24021 | 37.76 -0.74 0.00 | 43.28 -0.44 0.04 | 37.01 -0.30 0.00 | 32.54 -0.37 0.00 | 44.09 -1.26 0.00 | 39.92 -1.67 0.00 | 35.95 -1.74 0.00 | 37.59 -1.85 0.00 | 42.14 -2.33 0.00 | 44.05 -2.01 0.00 | 74.18 -3.21 0.00 | 56.13 -2.77 0.04 | 81.71 -3.19 0.00 | 82.10 -3.90 0.00 | 96.27 -4.57 0.00 | 137.91 -6.40 0.00 | 105.04 -3.43 0.00 | 47.72 -2.45 0.00 | 41.60 -2.24 0.00 | 37.95 -2.01 0.02 | 33.61 -0.83 0.09 | 37.05 -0.66 0.01 | 37.00 -0.59 0.00 | 31.50 -0.47 0.00 |
| SITHE__STERLING 23777 | 39.10 0.60 0.00 | 44.61 0.49 -0.35 | 37.74 0.43 0.00 | 33.28 0.37 0.00 | 45.87 0.52 0.00 | 42.19 0.59 0.00 | 38.09 0.40 0.00 | 39.73 0.28 0.00 | 44.40 -0.07 0.00 | 46.09 0.02 0.00 | 77.70 0.31 0.00 | 59.27 0.18 -0.15 | 85.58 0.69 0.00 | 86.48 0.48 0.00 | 101.30 0.46 0.00 | 144.77 0.46 0.00 | 109.44 0.97 0.00 | 50.46 0.29 0.00 | 44.05 0.21 0.00 | 40.28 0.23 -0.07 | 35.03 0.12 -0.38 | 37.96 0.19 -0.06 | 38.16 0.56 0.00 | 32.36 0.40 0.00 |
| SOUTH CAIRO__GT 23612 | 41.12 2.61 0.00 | 58.43 2.83 -11.83 | 39.70 2.39 0.00 | 35.01 2.10 0.00 | 48.18 2.83 0.00 | 44.01 2.41 0.00 | 39.94 2.25 0.00 | 41.92 2.48 0.00 | 47.56 3.09 0.00 | 49.20 3.13 0.00 | 82.52 5.13 0.00 | 68.44 3.95 -5.55 | 91.43 6.53 0.00 | 93.19 7.19 0.00 | 108.96 8.12 0.00 | 156.34 12.03 0.00 | 116.80 8.34 0.00 | 54.04 3.87 0.00 | 47.29 3.44 0.00 | 45.79 3.14 -2.67 | 51.70 2.70 -14.48 | 42.18 2.41 -2.06 | 39.48 1.88 0.00 | 34.19 2.23 0.00 |

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| SOUTH HAMPTN___IC 23720 | 103.79 3.44 -61.85 | 106.83 4.12 -58.95 | 81.57 3.90 -40.36 | 37.05 3.59 -0.55 | 70.21 4.80 -20.06 | 45.81 3.94 -0.28 | 44.86 3.52 -3.64 | 56.83 3.86 -13.52 | 82.77 4.29 -34.00 | 98.59 3.48 -49.05 | 115.06 5.99 -31.68 | 122.69 5.72 -58.03 | 119.86 8.27 -26.69 | 116.73 8.88 -21.85 | 119.70 9.66 -9.20 | 160.00 13.60 -2.08 | 124.89 9.13 -7.29 | 121.91 4.25 -67.49 | 125.09 3.80 -77.44 | 120.89 3.31 -77.60 | 125.31 2.55 -88.24 | 125.28 2.50 -85.06 | 133.41 2.50 -93.31 | 126.34 2.20 -92.18 |
| SOUTHOLD___IC 23719 | 103.79 3.44 -61.85 | 106.83 4.12 -58.95 | 81.57 3.90 -40.36 | 37.05 3.59 -0.55 | 70.21 4.80 -20.06 | 45.81 3.94 -0.28 | 44.86 3.52 -3.64 | 56.83 3.86 -13.52 | 82.77 4.29 -34.00 | 98.59 3.48 -49.05 | 115.06 5.99 -31.68 | 122.69 5.72 -58.03 | 119.86 8.27 -26.69 | 116.73 8.88 -21.85 | 119.70 9.66 -9.20 | 160.00 13.60 -2.08 | 124.89 9.13 -7.29 | 121.91 4.25 -67.49 | 125.09 3.80 -77.44 | 120.89 3.31 -77.60 | 125.31 2.55 -88.24 | 125.28 2.50 -85.06 | 133.41 2.50 -93.31 | 126.34 2.20 -92.18 |
| ST LAWRENCE____ 23600 | 37.45 -1.05 0.00 | 42.66 -0.94 0.17 | 36.56 -0.75 0.00 | 32.22 -0.69 0.00 | 44.33 -1.02 0.00 | 40.67 -0.92 0.00 | 36.88 -0.81 0.00 | 38.67 -0.77 0.00 | 43.51 -0.96 0.00 | 45.20 -0.86 0.00 | 75.76 -1.63 0.00 | 57.45 -1.42 0.06 | 82.99 -1.91 0.00 | 83.97 -2.03 0.00 | 98.46 -2.38 0.00 | 141.12 -3.19 0.00 | 106.22 -2.25 0.00 | 48.89 -1.28 0.00 | 42.66 -1.19 0.00 | 38.86 -1.09 0.03 | 33.44 -0.93 0.16 | 36.63 -1.06 0.03 | 36.53 -1.06 0.00 | 31.22 -0.74 0.00 |
| STATION 5_MISC_HYD 23604 | 38.56 0.06 0.00 | 44.79 -0.31 -1.33 | 36.96 -0.35 0.00 | 32.63 -0.29 0.00 | 44.75 -0.60 0.00 | 41.34 -0.25 0.00 | 37.50 -0.19 0.00 | 39.63 0.18 0.00 | 44.76 0.28 0.00 | 47.32 1.25 0.00 | 80.15 2.77 0.00 | 61.02 1.48 -0.60 | 88.51 3.61 0.00 | 89.93 3.93 0.00 | 106.08 5.24 0.00 | 152.37 8.06 0.00 | 115.43 6.96 0.00 | 52.73 2.55 0.00 | 45.70 1.86 0.00 | 41.65 1.39 -0.28 | 36.92 0.87 -1.52 | 38.99 1.05 -0.22 | 38.40 0.80 0.00 | 32.28 0.31 0.00 |
| STURGEON_POOL_HYD 23609 | 42.21 3.71 0.00 | 58.93 4.16 -11.01 | 40.59 3.28 0.00 | 35.68 2.77 0.00 | 48.93 3.58 0.00 | 44.62 3.03 0.00 | 40.70 3.01 0.00 | 42.87 3.42 0.00 | 48.62 4.15 0.00 | 50.36 4.29 0.00 | 84.96 7.57 0.00 | 70.00 5.91 -5.15 | 92.74 7.84 0.00 | 93.39 7.40 0.00 | 109.29 8.45 0.00 | 156.65 12.33 0.00 | 116.95 8.48 0.00 | 54.31 4.13 0.00 | 48.66 4.81 0.00 | 46.77 4.40 -2.40 | 51.23 3.70 -13.01 | 43.61 4.04 -1.85 | 41.47 3.88 0.00 | 35.06 3.09 0.00 |
| SYRACUSE___POWER 24017 | 37.72 -0.78 0.00 | 43.67 -1.09 -0.99 | 36.39 -0.92 0.00 | 32.13 -0.78 0.00 | 44.25 -1.10 0.00 | 40.63 -0.97 0.00 | 36.70 -0.99 0.00 | 38.31 -1.13 0.00 | 43.14 -1.33 0.00 | 44.76 -1.30 0.00 | 75.39 -2.00 0.00 | 57.83 -1.58 -0.47 | 82.85 -2.05 0.00 | 83.99 -2.01 0.00 | 98.43 -2.41 0.00 | 140.65 -3.67 0.00 | 106.05 -2.42 0.00 | 49.04 -1.13 0.00 | 42.83 -1.01 0.00 | 39.23 -0.97 -0.22 | 34.81 -0.90 -1.18 | 36.98 -0.91 -0.17 | 36.78 -0.82 0.00 | 31.20 -0.77 0.00 |
| Stony___Brook 24151 | 103.73 3.38 -61.85 | 106.78 4.07 -58.95 | 81.68 4.01 -40.36 | 37.24 3.78 -0.55 | 70.40 4.99 -20.06 | 45.91 4.04 -0.28 | 44.77 3.43 -3.64 | 56.54 3.58 -13.52 | 82.35 3.87 -34.00 | 98.32 3.21 -49.05 | 114.66 5.60 -31.68 | 122.37 5.40 -58.03 | 119.35 7.76 -26.69 | 116.41 8.57 -21.85 | 119.52 9.48 -9.20 | 159.49 13.10 -2.08 | 124.58 8.82 -7.29 | 121.78 4.12 -67.49 | 124.97 3.68 -77.44 | 120.78 3.21 -77.60 | 125.25 2.49 -88.24 | 125.20 2.42 -85.06 | 133.16 2.25 -93.31 | 126.09 1.94 -92.18 |
| UPPER HUDSON___HYD 24058 | 39.84 1.34 0.00 | 60.05 2.15 -14.13 | 39.80 2.50 0.00 | 35.17 2.26 0.00 | 48.67 3.32 0.00 | 44.95 3.36 0.00 | 40.51 2.82 0.00 | 42.12 2.68 0.00 | 47.55 3.07 0.00 | 48.64 2.57 0.00 | 81.14 3.76 0.00 | 67.44 1.91 -6.60 | 88.01 3.12 0.00 | 88.64 2.64 0.00 | 104.37 3.53 0.00 | 150.11 5.80 0.00 | 112.69 4.23 0.00 | 51.52 1.35 0.00 | 44.74 0.89 0.00 | 44.38 1.33 -3.08 | 52.87 1.64 -16.70 | 41.95 1.85 -2.38 | 39.24 1.64 0.00 | 33.44 1.48 0.00 |
| UPPER RAQUET___HYD 24056 | 37.00 -1.50 0.00 | 42.13 -1.61 0.02 | 36.05 -1.26 0.00 | 31.65 -1.26 0.00 | 43.57 -1.78 0.00 | 40.13 -1.46 0.00 | 36.24 -1.45 0.00 | 37.93 -1.52 0.00 | 42.58 -1.90 0.00 | 44.40 -1.66 0.00 | 74.68 -2.71 0.00 | 56.57 -2.35 0.02 | 82.16 -2.74 0.00 | 82.69 -3.31 0.00 | 96.94 -3.90 0.00 | 138.90 -5.42 0.00 | 105.50 -2.97 0.00 | 48.13 -2.05 0.00 | 41.84 -2.01 0.00 | 38.18 -1.79 0.01 | 32.93 -1.54 0.05 | 36.06 -1.65 0.00 | 36.02 -1.58 0.00 | 30.64 -1.32 0.00 |
| VISCHER___FERRY HYD 24020 | 40.00 1.50 0.00 | 59.48 2.07 -13.64 | 39.48 2.18 0.00 | 34.86 1.95 0.00 | 48.05 2.70 0.00 | 44.16 2.57 0.00 | 39.76 2.07 0.00 | 41.51 2.06 0.00 | 46.77 2.30 0.00 | 48.11 2.04 0.00 | 80.26 2.87 0.00 | 66.68 1.33 -6.41 | 87.13 2.24 0.00 | 87.56 1.57 0.00 | 102.91 2.07 0.00 | 147.73 3.42 0.00 | 111.23 2.76 0.00 | 50.94 0.77 0.00 | 44.52 0.67 0.00 | 43.98 1.01 -2.99 | 51.68 0.92 -16.23 | 40.94 0.90 -2.32 | 38.53 0.93 0.00 | 32.98 1.02 0.00 |
| WADING RIVER_1-3_GRP5 24038 | 103.89 3.54 -61.85 | 106.89 4.18 -58.95 | 81.61 3.94 -40.36 | 37.17 3.71 -0.55 | 70.25 4.85 -20.06 | 45.85 3.98 -0.28 | 44.90 3.57 -3.64 | 56.88 3.91 -13.52 | 82.37 3.89 -34.00 | 97.81 2.70 -49.05 | 113.79 4.72 -31.68 | 121.71 4.74 -58.03 | 118.44 6.85 -26.69 | 115.30 7.45 -21.85 | 118.10 8.06 -9.20 | 157.74 11.34 -2.08 | 123.24 7.48 -7.29 | 121.16 3.50 -67.49 | 124.43 3.14 -77.44 | 120.29 2.72 -77.60 | 124.80 2.04 -88.24 | 124.72 1.94 -85.06 | 132.96 2.05 -93.31 | 126.17 2.02 -92.18 |
| WADING RIVER_IC_1 23522 | 103.89 3.54 -61.85 | 106.89 4.18 -58.95 | 81.61 3.94 -40.36 | 37.17 3.71 -0.55 | 70.25 4.85 -20.06 | 45.85 3.98 -0.28 | 44.90 3.57 -3.64 | 56.88 3.91 -13.52 | 82.37 3.89 -34.00 | 97.81 2.70 -49.05 | 113.79 4.72 -31.68 | 121.71 4.74 -58.03 | 118.44 6.85 -26.69 | 115.30 7.45 -21.85 | 118.10 8.06 -9.20 | 157.74 11.34 -2.08 | 123.24 7.48 -7.29 | 121.16 3.50 -67.49 | 124.43 3.14 -77.44 | 120.29 2.72 -77.60 | 124.80 2.04 -88.24 | 124.72 1.94 -85.06 | 132.96 2.05 -93.31 | 126.17 2.02 -92.18 |
| WADING RIVER_IC_2 23547 | 103.89 3.54 -61.85 | 106.89 4.18 -58.95 | 81.61 3.94 -40.36 | 37.17 3.71 -0.55 | 70.25 4.85 -20.06 | 45.85 3.98 -0.28 | 44.90 3.57 -3.64 | 56.88 3.91 -13.52 | 82.37 3.89 -34.00 | 97.81 2.70 -49.05 | 113.79 4.72 -31.68 | 121.71 4.74 -58.03 | 118.44 6.85 -26.69 | 115.30 7.45 -21.85 | 118.10 8.06 -9.20 | 157.74 11.34 -2.08 | 123.24 7.48 -7.29 | 121.16 3.50 -67.49 | 124.43 3.14 -77.44 | 120.29 2.72 -77.60 | 124.80 2.04 -88.24 | 124.72 1.94 -85.06 | 132.96 2.05 -93.31 | 126.17 2.02 -92.18 |
| WADING RIVER_IC_3 23601 | 103.78 3.42 -61.85 | 106.79 4.08 -58.95 | 81.48 3.81 -40.36 | 36.98 3.52 -0.55 | 70.09 4.68 -20.06 | 45.71 3.84 -0.28 | 44.78 3.44 -3.64 | 56.74 3.78 -13.52 | 82.68 4.20 -34.00 | 98.54 3.43 -49.05 | 115.02 5.96 -31.68 | 122.66 5.69 -58.03 | 119.78 8.19 -26.69 | 116.65 8.80 -21.85 | 119.68 9.64 -9.20 | 160.01 13.61 -2.08 | 124.94 9.18 -7.29 | 121.95 4.28 -67.49 | 125.11 3.83 -77.44 | 120.92 3.34 -77.60 | 125.34 2.58 -88.24 | 125.31 2.53 -85.06 | 133.42 2.51 -93.31 | 126.34 2.19 -92.18 |
| WALDEN___HYDRO 24148 | 41.72 3.22 0.00 | 57.99 3.62 -10.60 | 40.12 2.81 0.00 | 35.26 2.35 0.00 | 48.30 2.95 0.00 | 44.03 2.44 0.00 | 40.19 2.49 0.00 | 42.28 2.84 0.00 | 47.92 3.44 0.00 | 49.63 3.57 0.00 | 83.78 6.39 0.00 | 69.63 5.75 -4.95 | 92.56 7.67 0.00 | 93.64 7.64 0.00 | 109.72 8.87 0.00 | 157.20 12.89 0.00 | 117.37 8.91 0.00 | 54.35 4.18 0.00 | 47.93 4.08 0.00 | 46.02 3.75 -2.29 | 50.07 3.10 -12.44 | 42.86 3.38 -1.76 | 40.89 3.29 0.00 | 34.62 2.65 0.00 |
| WATERSIDE___6 8 9 23538 | 48.52 4.37 -5.65 | 125.40 4.93 -76.71 | 129.26 4.10 -87.86 | 102.89 3.42 -66.56 | 49.87 4.52 0.00 | 45.61 4.02 0.00 | 41.82 4.13 0.00 | 43.81 4.36 0.00 | 49.56 5.08 0.00 | 51.53 5.46 0.00 | 87.02 9.63 0.00 | 72.11 8.17 -5.01 | 95.88 10.98 0.00 | 96.97 10.98 0.00 | 113.75 12.91 0.00 | 162.93 18.62 0.00 | 121.85 13.38 0.00 | 56.50 6.33 0.00 | 49.48 5.64 0.00 | 47.61 5.30 -2.33 | 51.54 4.39 -12.62 | 44.18 4.67 -1.79 | 42.15 4.55 0.00 | 38.46 3.69 -2.80 |

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| WEST BABYLON___IC 23714 | 103.92 3.57 -61.85 | 106.90 4.19 -58.95 | 81.05 3.38 -40.36 | 36.24 2.78 -0.55 | 69.11 3.71 -20.06 | 45.14 3.27 -0.28 | 44.98 3.64 -3.64 | 56.69 3.73 -13.52 | 82.82 4.34 -34.00 | 99.76 4.65 -49.05 | 117.28 8.22 -31.68 | 124.28 7.31 -58.03 | 121.61 10.02 -26.69 | 118.13 10.28 -21.85 | 122.09 12.05 -9.20 | 163.88 17.48 -2.08 | 128.20 12.44 -7.29 | 123.59 5.93 -67.49 | 126.54 5.25 -77.44 | 122.34 4.76 -77.60 | 126.72 3.96 -88.24 | 126.93 4.15 -85.06 | 134.81 3.90 -93.31 | 127.25 3.10 -92.18 |
| WEST CANADA___HYD 24049 | 38.91 0.41 0.00 | 43.98 0.45 0.23 | 37.69 0.39 0.00 | 33.25 0.34 0.00 | 45.83 0.48 0.00 | 42.01 0.42 0.00 | 38.09 0.40 0.00 | 39.85 0.41 0.00 | 44.97 0.49 0.00 | 46.52 0.46 0.00 | 78.18 0.79 0.00 | 59.49 0.67 0.12 | 85.79 0.89 0.00 | 86.90 0.91 0.00 | 101.91 1.07 0.00 | 145.86 1.54 0.00 | 109.54 1.08 0.00 | 50.73 0.56 0.00 | 44.35 0.50 0.00 | 40.39 0.47 0.06 | 34.63 0.41 0.31 | 38.13 0.45 0.04 | 38.03 0.43 0.00 | 32.32 0.35 0.00 |
| WESTERN_NY_WIND 24143 | 38.90 0.40 0.00 | 45.49 0.18 -1.54 | 37.15 -0.15 0.00 | 32.82 -0.09 0.00 | 44.97 -0.38 0.00 | 41.29 -0.31 0.00 | 37.39 -0.30 0.00 | 38.67 -0.77 0.00 | 43.18 -1.29 0.00 | 45.16 -0.90 0.00 | 76.27 -1.11 0.00 | 59.45 -0.20 -0.71 | 84.89 -0.01 0.00 | 87.02 1.03 0.00 | 102.21 1.37 0.00 | 146.40 2.09 0.00 | 109.48 1.01 0.00 | 50.95 0.78 0.00 | 44.65 0.80 0.00 | 40.68 0.38 -0.33 | 36.48 0.16 -1.79 | 38.33 0.36 -0.26 | 38.41 0.81 0.00 | 32.74 0.78 0.00 |
| YORK___WARBASSE 23770 | 48.50 4.35 -5.65 | 125.41 4.93 -76.71 | 132.96 4.25 -91.40 | 119.65 3.54 -83.20 | 88.77 4.72 -38.70 | 88.27 4.20 -42.48 | 88.66 4.33 -46.64 | 104.08 4.55 -60.08 | 105.02 5.29 -55.26 | 105.50 5.57 -53.86 | 98.39 9.67 -11.33 | 72.00 8.05 -5.01 | 95.71 10.82 0.00 | 96.79 10.80 0.00 | 260.06 12.70 -146.52 | 201.88 18.29 -39.28 | 140.53 13.12 -18.94 | 139.35 6.21 -82.97 | 139.34 5.52 -89.97 | 132.15 5.19 -86.98 | 122.10 4.31 -83.27 | 139.59 4.59 -97.29 | 139.28 4.43 -97.25 | 93.15 3.67 -57.51 |