

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

Generator Data

05/19/2009

| 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 | 43.54 | 45.16 | 24.72 | 28.76 | 32.43 | 33.22 | 30.19 | 38.63 | 30.80 | 38.50 | 86.71 | 36.40 | 31.71 | 28.46 | 34.67 | 29.80 | 31.62 | 28.81 | 21.82 | 34.15 | 32.25 | 31.34 | 29.65 | 25.80 |
| 24138 | 1.70 | 0.59 | 1.35 | 0.80 | 1.45 | 2.13 | 2.28 | 3.03 | 2.58 | 3.63 | 9.18 | 3.12 | 3.43 | 3.10 | 3.84 | 3.23 | 3.44 | 3.05 | 2.18 | 3.30 | 3.29 | 3.02 | 2.53 | 2.08 |
| | -16.77 | -35.24 | -2.20 | -14.99 | -8.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -7.33 | 0.00 | 0.00 | -0.03 | 0.00 | 0.00 | -0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 74TH STREET_GT_1 | 43.56 | 45.18 | 24.74 | 28.77 | 32.43 | 33.24 | 30.21 | 38.65 | 30.82 | 38.53 | 86.73 | 36.42 | 31.73 | 28.47 | 34.71 | 29.82 | 31.63 | 28.83 | 21.83 | 34.17 | 32.27 | 31.36 | 29.68 | 25.82 |
| 24260 | 1.72 | 0.60 | 1.37 | 0.81 | 1.45 | 2.15 | 2.30 | 3.05 | 2.60 | 3.66 | 9.20 | 3.15 | 3.45 | 3.11 | 3.86 | 3.25 | 3.45 | 3.07 | 2.19 | 3.31 | 3.31 | 3.04 | 2.56 | 2.10 |
| | -16.77 | -35.25 | -2.20 | -14.99 | -8.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -7.33 | 0.00 | 0.00 | -0.06 | 0.00 | 0.00 | -0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 74TH STREET_GT_2 | 43.56 | 45.18 | 24.74 | 28.77 | 32.43 | 33.24 | 30.21 | 38.65 | 30.82 | 38.53 | 86.73 | 36.42 | 31.73 | 28.47 | 34.71 | 29.82 | 31.63 | 28.83 | 21.83 | 34.17 | 32.27 | 31.36 | 29.68 | 25.82 |
| 24261 | 1.72 | 0.60 | 1.37 | 0.81 | 1.45 | 2.15 | 2.30 | 3.05 | 2.60 | 3.66 | 9.20 | 3.15 | 3.45 | 3.11 | 3.86 | 3.25 | 3.45 | 3.07 | 2.19 | 3.31 | 3.31 | 3.04 | 2.56 | 2.10 |
| | -16.77 | -35.25 | -2.20 | -14.99 | -8.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -7.33 | 0.00 | 0.00 | -0.06 | 0.00 | 0.00 | -0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK HUDSON__FALLS | 48.01 | 55.53 | 24.87 | 32.92 | 34.53 | 32.31 | 29.50 | 37.59 | 29.59 | 36.74 | 82.15 | 35.61 | 30.28 | 27.21 | 33.14 | 28.59 | 30.31 | 27.83 | 21.09 | 33.14 | 31.18 | 30.19 | 28.72 | 25.05 |
| 24011 | 1.16 | 0.43 | 0.85 | 0.49 | 0.91 | 1.22 | 1.59 | 1.98 | 1.37 | 1.87 | 4.63 | 1.81 | 1.99 | 1.85 | 2.35 | 2.02 | 2.14 | 2.01 | 1.45 | 2.29 | 2.23 | 1.87 | 1.61 | 1.32 |
| | -21.77 | -45.78 | -2.85 | -19.47 | -11.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -7.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK RESOURCE__RCVRY | 48.01 | 55.53 | 24.87 | 32.92 | 34.53 | 32.31 | 29.50 | 37.59 | 29.59 | 36.74 | 82.15 | 35.61 | 30.28 | 27.21 | 33.14 | 28.59 | 30.31 | 27.83 | 21.09 | 33.14 | 31.18 | 30.19 | 28.72 | 25.05 |
| 23798 | 1.16 | 0.43 | 0.85 | 0.49 | 0.91 | 1.22 | 1.59 | 1.98 | 1.37 | 1.87 | 4.63 | 1.81 | 1.99 | 1.85 | 2.35 | 2.02 | 2.14 | 2.01 | 1.45 | 2.29 | 2.23 | 1.87 | 1.61 | 1.32 |
| | -21.77 | -45.78 | -2.85 | -19.47 | -11.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -7.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK S GLENS__FALLS | 48.01 | 55.53 | 24.87 | 32.92 | 34.53 | 32.31 | 29.50 | 37.59 | 29.59 | 36.74 | 82.15 | 35.61 | 30.28 | 27.21 | 33.14 | 28.59 | 30.31 | 27.83 | 21.09 | 33.14 | 31.18 | 30.19 | 28.72 | 25.05 |
| 24028 | 1.16 | 0.43 | 0.85 | 0.49 | 0.91 | 1.22 | 1.59 | 1.98 | 1.37 | 1.87 | 4.63 | 1.81 | 1.99 | 1.85 | 2.35 | 2.02 | 2.14 | 2.01 | 1.45 | 2.29 | 2.23 | 1.87 | 1.61 | 1.32 |
| | -21.77 | -45.78 | -2.85 | -19.47 | -11.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -7.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK_NYS__DAM | 48.09 | 55.10 | 25.10 | 32.84 | 34.60 | 32.59 | 29.57 | 37.74 | 29.77 | 36.90 | 82.53 | 35.64 | 30.48 | 27.37 | 33.34 | 28.75 | 30.46 | 27.97 | 21.21 | 33.33 | 31.35 | 30.37 | 29.05 | 25.38 |
| 23527 | 1.50 | 0.54 | 1.11 | 0.64 | 1.12 | 1.50 | 1.67 | 2.14 | 1.54 | 2.03 | 5.01 | 1.94 | 2.20 | 2.02 | 2.55 | 2.19 | 2.29 | 2.16 | 1.57 | 2.48 | 2.39 | 2.05 | 1.93 | 1.66 |
| | -21.52 | -45.23 | -2.82 | -19.24 | -11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -7.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| AIR_PRODUCTS__DRP | 47.87 | 55.32 | 24.97 | 32.92 | 34.55 | 32.49 | 29.41 | 37.30 | 29.50 | 36.64 | 82.09 | 35.23 | 30.15 | 27.19 | 33.09 | 28.55 | 30.15 | 27.54 | 20.87 | 32.72 | 30.81 | 29.92 | 28.68 | 25.07 |
| 24190 | 1.12 | 0.43 | 0.96 | 0.57 | 0.98 | 1.40 | 1.50 | 1.69 | 1.27 | 1.77 | 4.56 | 1.61 | 1.87 | 1.83 | 2.30 | 1.99 | 1.97 | 1.72 | 1.23 | 1.86 | 1.86 | 1.60 | 1.57 | 1.34 |
| | -21.67 | -45.55 | -2.84 | -19.37 | -11.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -7.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY__1 | 47.87 | 55.32 | 24.97 | 32.92 | 34.55 | 32.49 | 29.41 | 37.30 | 29.50 | 36.64 | 82.09 | 35.23 | 30.15 | 27.19 | 33.09 | 28.55 | 30.15 | 27.54 | 20.87 | 32.72 | 30.81 | 29.92 | 28.68 | 25.07 |
| 23571 | 1.12 | 0.43 | 0.96 | 0.57 | 0.98 | 1.40 | 1.50 | 1.69 | 1.27 | 1.77 | 4.56 | 1.61 | 1.87 | 1.83 | 2.30 | 1.99 | 1.97 | 1.72 | 1.23 | 1.86 | 1.86 | 1.60 | 1.57 | 1.34 |
| | -21.67 | -45.55 | -2.84 | -19.37 | -11.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -7.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY__2 | 47.87 | 55.32 | 24.97 | 32.92 | 34.55 | 32.49 | 29.41 | 37.30 | 29.50 | 36.64 | 82.09 | 35.23 | 30.15 | 27.19 | 33.09 | 28.55 | 30.15 | 27.54 | 20.87 | 32.72 | 30.81 | 29.92 | 28.68 | 25.07 |
| 23572 | 1.12 | 0.43 | 0.96 | 0.57 | 0.98 | 1.40 | 1.50 | 1.69 | 1.27 | 1.77 | 4.56 | 1.61 | 1.87 | 1.83 | 2.30 | 1.99 | 1.97 | 1.72 | 1.23 | 1.86 | 1.86 | 1.60 | 1.57 | 1.34 |
| | -21.67 | -45.55 | -2.84 | -19.37 | -11.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -7.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY__3 | 47.87 | 55.32 | 24.97 | 32.92 | 34.55 | 32.49 | 29.41 | 37.30 | 29.50 | 36.64 | 82.09 | 35.23 | 30.15 | 27.19 | 33.09 | 28.55 | 30.15 | 27.54 | 20.87 | 32.72 | 30.81 | 29.92 | 28.68 | 25.07 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 23573 | 1.12 -21.67 N | 0.43 -45.55 N | 0.96 -2.84 N | 0.57 -19.37 N | 0.98 -11.42 N | 1.40 0.00 N | 1.50 0.00 N | 1.69 0.00 N | 1.27 0.00 N | 1.77 0.00 N | 4.56 0.00 N | 1.61 -7.68 N | 1.87 0.00 N | 1.83 0.00 N | 2.30 0.00 N | 1.99 0.00 N | 1.97 0.00 N | 1.72 -0.25 N | 1.23 0.00 N | 1.86 0.00 N | 1.86 0.00 N | 1.60 0.00 N | 1.57 0.00 N | 1.34 0.00 N |
| ALBANY____4 23574 | 47.87 1.12 -21.67 N | 55.32 0.43 -45.55 N | 24.97 0.96 -2.84 N | 32.92 0.57 -19.37 N | 34.55 0.98 -11.42 N | 32.49 1.40 0.00 N | 29.41 1.50 0.00 N | 37.30 1.69 0.00 N | 29.50 1.27 0.00 N | 36.64 1.77 0.00 N | 82.09 4.56 0.00 N | 35.23 1.61 -7.68 N | 30.15 1.87 0.00 N | 27.19 1.83 0.00 N | 33.09 2.30 0.00 N | 28.55 1.99 0.00 N | 30.15 1.97 0.00 N | 27.54 1.72 -0.25 N | 20.87 1.23 0.00 N | 32.72 1.86 0.00 N | 30.81 1.86 0.00 N | 29.92 1.60 0.00 N | 28.68 1.57 0.00 N | 25.07 1.34 0.00 N |
| ALBANY____LFGE 323615 | 48.44 1.28 -22.08 N | 56.22 0.48 -46.41 N | 25.14 1.07 -2.89 N | 33.34 0.64 -19.74 N | 34.88 1.10 -11.64 N | 32.68 1.59 0.00 N | 29.63 1.72 0.00 N | 37.66 2.05 0.00 N | 29.80 1.57 0.00 N | 37.02 2.15 0.00 N | 82.99 5.47 0.00 N | 35.67 1.90 -7.82 N | 30.46 2.17 0.00 N | 27.44 2.08 0.00 N | 33.37 2.58 0.00 N | 28.81 2.24 0.00 N | 30.46 2.29 0.00 N | 27.84 2.02 -0.25 N | 21.09 1.45 0.00 N | 33.07 2.22 0.00 N | 31.15 2.19 0.00 N | 30.23 1.91 0.00 N | 28.91 1.79 0.00 N | 25.23 1.51 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 19.78 -4.47 0.83 N | 5.67 -1.93 1.74 N | 16.64 -4.42 0.11 N | 9.53 -2.70 0.74 N | -66.05 -4.16 84.03 N | 26.42 -4.68 0.00 N | 27.07 -0.84 0.00 N | 34.35 -1.26 0.00 N | 27.18 -1.04 0.00 N | 33.37 -1.49 0.00 N | 73.87 -3.65 0.00 N | 24.75 -1.20 0.00 N | 26.93 -1.35 0.00 N | 24.13 -1.23 0.00 N | 29.29 -1.50 0.00 N | 25.24 -1.32 0.00 N | 26.77 -1.41 0.00 N | 24.31 -1.26 0.00 N | 18.76 -0.88 0.00 N | 29.55 -1.31 0.00 N | 27.66 -1.30 0.00 N | 27.21 -1.11 0.00 N | 26.10 -1.02 0.00 N | 22.84 -0.89 0.00 N |
| ALLEGHENY____COGEN 23514 | 28.18 0.48 -2.63 N | 15.10 0.25 -5.52 N | 22.05 0.53 -0.34 N | 15.67 0.35 -2.35 N | 23.84 0.31 -1.38 N | 31.64 0.56 0.00 N | 28.72 0.81 0.00 N | 36.79 1.19 0.00 N | 29.06 0.83 0.00 N | 36.50 1.63 0.00 N | 84.32 6.80 0.00 N | 28.38 1.50 -0.93 N | 29.95 1.67 0.00 N | 26.89 1.53 0.00 N | 32.46 1.67 0.00 N | 28.10 1.54 0.00 N | 29.74 1.57 0.00 N | 26.94 1.34 -0.03 N | 20.67 1.03 0.00 N | 32.38 1.52 0.00 N | 30.42 1.46 0.00 N | 29.57 1.25 0.00 N | 28.14 1.03 0.00 N | 24.61 0.89 0.00 N |
| ALTONA_WT_PWR 323606 | 19.17 -5.03 0.88 N | 5.36 -2.12 1.85 N | 16.15 -4.91 0.12 N | 9.18 -3.00 0.79 N | -66.55 -4.63 84.06 N | 25.60 -5.49 0.00 N | 26.41 -1.50 0.00 N | 33.52 -2.08 0.00 N | 26.48 -1.75 0.00 N | 32.77 -2.10 0.00 N | 72.15 -5.37 0.00 N | 24.22 -1.73 0.00 N | 26.30 -1.98 0.00 N | 23.41 -1.95 0.00 N | 28.37 -2.42 0.00 N | 24.56 -2.01 0.00 N | 26.10 -2.07 0.00 N | 23.64 -1.92 0.00 N | 18.23 -1.42 0.00 N | 28.88 -1.98 0.00 N | 27.08 -1.88 0.00 N | 26.50 -1.82 0.00 N | 25.50 -1.62 0.00 N | 22.54 -1.19 0.00 N |
| AMERICAN_REF_FUEL 24010 | 25.73 -1.66 -2.31 N | 13.72 -0.47 -4.86 N | 20.31 -1.17 -0.30 N | 14.37 -0.66 -2.07 N | 21.81 -1.55 -1.22 N | 29.02 -2.07 0.00 N | 25.85 -2.06 0.00 N | 32.80 -2.80 0.00 N | 25.82 -2.41 0.00 N | 32.36 -2.51 0.00 N | 74.09 -3.44 0.00 N | 25.36 -1.40 -0.81 N | 26.77 -1.52 0.00 N | 24.10 -1.26 0.00 N | 29.04 -1.75 0.00 N | 25.27 -1.30 0.00 N | 26.85 -1.33 0.00 N | 24.39 -1.21 -0.03 N | 18.72 -0.92 0.00 N | 29.29 -1.56 0.00 N | 27.42 -1.53 0.00 N | 26.71 -1.61 0.00 N | 25.56 -1.55 0.00 N | 22.73 -1.00 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 43.55 1.70 -16.77 N | 45.16 0.58 -35.25 N | 24.70 1.33 -2.20 N | 28.74 0.78 -14.99 N | 32.41 1.43 -8.84 N | 33.19 2.10 0.00 N | 30.13 2.22 0.00 N | 38.52 2.92 0.00 N | 30.69 2.47 0.00 N | 38.30 3.43 0.00 N | 86.09 8.56 0.00 N | 36.25 2.97 -7.33 N | 31.56 3.27 0.00 N | 28.34 2.98 0.00 N | 34.58 3.74 -0.05 N | 29.71 3.14 0.00 N | 31.49 3.31 0.00 N | 28.67 2.92 -0.19 N | 21.70 2.06 0.00 N | 34.01 3.15 0.00 N | 32.12 3.16 0.00 N | 31.24 2.92 0.00 N | 29.59 2.47 0.00 N | 25.78 2.05 0.00 N |
| ARTHUR_KILL_2 23512 | 43.55 1.70 -16.77 N | 45.16 0.58 -35.25 N | 24.70 1.33 -2.20 N | 28.74 0.78 -14.99 N | 32.41 1.43 -8.84 N | 33.19 2.10 0.00 N | 30.13 2.22 0.00 N | 38.52 2.92 0.00 N | 30.69 2.47 0.00 N | 38.30 3.43 0.00 N | 86.09 8.56 0.00 N | 36.25 2.97 -7.33 N | 31.56 3.27 0.00 N | 28.34 2.98 0.00 N | 34.58 3.74 -0.05 N | 29.71 3.14 0.00 N | 31.49 3.31 0.00 N | 28.67 2.92 -0.19 N | 21.70 2.06 0.00 N | 34.01 3.15 0.00 N | 32.12 3.16 0.00 N | 31.24 2.92 0.00 N | 29.59 2.47 0.00 N | 25.78 2.05 0.00 N |
| ARTHUR_KILL_3 23513 | 43.49 1.65 -16.77 N | 45.15 0.57 -35.24 N | 24.67 1.30 -2.20 N | 28.73 0.77 -14.99 N | 32.37 1.39 -8.84 N | 33.13 2.04 0.00 N | 30.08 2.17 0.00 N | 38.50 2.90 0.00 N | 30.71 2.48 0.00 N | 38.39 3.52 0.00 N | 86.47 8.94 0.00 N | 36.32 3.04 -7.33 N | 31.62 3.34 0.00 N | 28.38 3.02 0.00 N | 34.58 3.75 -0.05 N | 29.70 3.13 0.00 N | 31.48 3.31 0.00 N | 28.69 2.93 -0.19 N | 21.74 2.10 0.00 N | 34.03 3.18 0.00 N | 32.14 3.18 0.00 N | 31.24 2.92 0.00 N | 29.57 2.45 0.00 N | 25.74 2.02 0.00 N |
| ASHOKAN____ 23654 | 45.35 1.56 -18.71 N | 49.18 0.53 -39.32 N | 24.87 1.24 -2.45 N | 30.44 0.75 -16.73 N | 33.28 1.28 -9.86 N | 32.98 1.89 0.00 N | 29.96 2.05 0.00 N | 38.35 2.75 0.00 N | 30.49 2.26 0.00 N | 37.90 3.03 0.00 N | 85.12 7.59 0.00 N | 35.28 2.48 -6.86 N | 30.94 2.66 0.00 N | 27.71 2.35 0.00 N | 33.65 2.86 0.00 N | 29.00 2.44 0.00 N | 30.79 2.62 0.00 N | 28.17 2.39 -0.21 N | 21.39 1.75 0.00 N | 33.66 2.81 0.00 N | 31.74 2.79 0.00 N | 30.85 2.52 0.00 N | 29.27 2.15 0.00 N | 25.49 1.77 0.00 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 43.64 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.80 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.31 2.23 0.00 N | 30.16 2.25 0.00 N | 38.43 2.82 0.00 N | 30.75 2.52 0.00 N | 38.49 3.62 0.00 N | 86.41 8.89 0.00 N | 36.38 3.10 -7.33 N | 31.70 3.41 0.00 N | 28.44 3.08 0.00 N | 34.67 3.82 -0.06 N | 29.79 3.22 0.00 N | 31.59 3.41 0.00 N | 28.78 3.02 -0.19 N | 21.78 2.14 0.00 N | 34.07 3.22 0.00 N | 32.20 3.24 0.00 N | 31.26 2.94 0.00 N | 29.59 2.47 0.00 N | 25.75 2.03 0.00 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 43.65 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.79 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.31 2.22 0.00 N | 30.16 2.26 0.00 N | 38.43 2.83 0.00 N | 30.75 2.53 0.00 N | 38.49 3.63 0.00 N | 86.42 8.89 0.00 N | 36.39 3.11 -7.33 N | 31.71 3.43 0.00 N | 28.45 3.09 0.00 N | 34.68 3.83 -0.06 N | 29.80 3.23 0.00 N | 31.60 3.42 0.00 N | 28.79 3.03 -0.19 N | 21.78 2.14 0.00 N | 34.08 3.23 0.00 N | 32.21 3.26 0.00 N | 31.27 2.95 0.00 N | 29.59 2.47 0.00 N | 25.76 2.04 0.00 N |
| ASTORIA_GT2_1 24094 | 43.65 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.80 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.32 2.23 0.00 N | 30.18 2.27 0.00 N | 38.45 2.85 0.00 N | 30.76 2.53 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.09 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.79 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.27 2.96 0.00 N | 29.60 2.49 0.00 N | 25.76 2.04 0.00 N |

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| ASTORIA_GT2_2 24095 | 43.65 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.80 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.32 2.23 0.00 N | 30.18 2.27 0.00 N | 38.45 2.85 0.00 N | 30.76 2.53 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.09 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.79 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.27 2.96 0.00 N | 29.60 2.49 0.00 N | 25.76 2.04 0.00 N |
| ASTORIA_GT2_3 24096 | 43.65 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.80 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.32 2.23 0.00 N | 30.18 2.27 0.00 N | 38.45 2.85 0.00 N | 30.76 2.53 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.09 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.79 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.27 2.96 0.00 N | 29.60 2.49 0.00 N | 25.76 2.04 0.00 N |
| ASTORIA_GT2_4 24097 | 43.65 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.80 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.32 2.23 0.00 N | 30.18 2.27 0.00 N | 38.45 2.85 0.00 N | 30.76 2.53 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.09 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.79 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.27 2.96 0.00 N | 29.60 2.49 0.00 N | 25.76 2.04 0.00 N |
| ASTORIA_GT3_1 24098 | 43.65 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.80 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.32 2.23 0.00 N | 30.18 2.27 0.00 N | 38.45 2.85 0.00 N | 30.76 2.53 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.09 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.79 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.27 2.96 0.00 N | 29.60 2.49 0.00 N | 25.76 2.04 0.00 N |
| ASTORIA_GT3_2 24099 | 43.65 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.80 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.32 2.23 0.00 N | 30.18 2.27 0.00 N | 38.45 2.85 0.00 N | 30.76 2.53 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.09 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.79 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.27 2.96 0.00 N | 29.60 2.49 0.00 N | 25.76 2.04 0.00 N |
| ASTORIA_GT3_3 24100 | 43.65 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.80 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.32 2.23 0.00 N | 30.18 2.27 0.00 N | 38.45 2.85 0.00 N | 30.76 2.53 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.09 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.79 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.27 2.96 0.00 N | 29.60 2.49 0.00 N | 25.76 2.04 0.00 N |
| ASTORIA_GT3_4 24101 | 43.65 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.80 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.32 2.23 0.00 N | 30.18 2.27 0.00 N | 38.45 2.85 0.00 N | 30.76 2.53 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.0 | | | | | | | | | | | | | |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ASTORIA_GT_12 24226 | 43.58 1.73 -16.77 N | 45.18 0.60 -35.25 N | 24.74 1.37 -2.20 N | 28.77 0.81 -14.99 N | 32.44 1.46 -8.84 N | 33.24 2.15 0.00 N | 30.21 2.30 0.00 N | 38.64 3.03 0.00 N | 30.85 2.62 0.00 N | 38.57 3.70 0.00 N | 86.67 9.15 0.00 N | 36.46 3.19 -7.33 N | 31.78 3.49 0.00 N | 28.52 3.16 0.00 N | 34.76 3.92 -0.06 N | 29.87 3.30 0.00 N | 31.68 3.50 0.00 N | 28.87 3.11 -0.19 N | 21.86 2.22 0.00 N | 34.19 3.34 0.00 N | 32.28 3.33 0.00 N | 31.38 3.06 0.00 N | 29.68 2.56 0.00 N | 25.81 2.09 0.00 N | | |
| ASTORIA_GT_13 24227 | 43.58 1.73 -16.77 N | 45.18 0.60 -35.25 N | 24.74 1.37 -2.20 N | 28.77 0.81 -14.99 N | 32.44 1.46 -8.84 N | 33.24 2.15 0.00 N | 30.21 2.30 0.00 N | 38.64 3.03 0.00 N | 30.85 2.62 0.00 N | 38.57 3.70 0.00 N | 86.67 9.15 0.00 N | 36.46 3.19 -7.33 N | 31.78 3.49 0.00 N | 28.52 3.16 0.00 N | 34.76 3.92 -0.06 N | 29.87 3.30 0.00 N | 31.68 3.50 0.00 N | 28.87 3.11 -0.19 N | 21.86 2.22 0.00 N | 34.19 3.34 0.00 N | 32.28 3.33 0.00 N | 31.38 3.06 0.00 N | 29.68 2.56 0.00 N | 25.81 2.09 0.00 N | | |
| ASTORIA_GT_5 24106 | 43.65 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.80 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.32 2.23 0.00 N | 30.18 2.27 0.00 N | 38.45 2.85 0.00 N | 30.76 2.53 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.09 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.79 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.27 2.96 0.00 N | 29.60 2.49 0.00 N | 25.76 2.04 0.00 N | | |
| ASTORIA_GT_7 24107 | 43.65 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.80 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.32 2.23 0.00 N | 30.18 2.27 0.00 N | 38.45 2.85 0.00 N | 30.76 2.53 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.09 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.79 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.27 2.96 0.00 N | 29.60 2.49 0.00 N | 25.76 2.04 0.00 N | | |
| ASTORIA_GT_8 24108 | 43.65 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.80 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.32 2.23 0.00 N | 30.18 2.27 0.00 N | 38.45 2.85 0.00 N | 30.76 2.53 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.09 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.79 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.27 2.96 0.00 N | 29.60 2.49 0.00 N | 25.76 2.04 0.00 N | | |
| ASTORIA___2 24149 | 43.65 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.80 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.32 2.23 0.00 N | 30.18 2.27 0.00 N | 38.45 2.85 0.00 N | 30.76 2.53 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.09 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.79 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.27 2.96 0.00 N | 29.60 2.49 0.00 N | 25.76 2.04 0.00 N | | |
| ASTORIA___3 23516 | 43.58 1.73 -16.77 N | 45.18 0.60 -35.25 N | 24.74 1.37 -2.20 N | 28.77 0.81 -14.99 N | 32.44 1.46 -8.84 N | 33.24 2.15 0.00 N | 30.21 2.30 0.00 N | 38.64 3.03 0.00 N | 30.85 2.62 0.00 N | 38.57 3.70 0.00 N | 86.67 9.14 0.00 N | 36.46 3.19 -7.33 N | 31.78 3.49 0.00 N | 28.52 3.16 0.00 N | 34.76 3.92 -0.06 N | 29.87 3.30 0.00 N | 31.68 3.50 0.00 N | 28.87 3.11 -0.19 N | 21.86 2.22 0.00 N | 34.19 3.34 0.00 N | 32.28 3.33 0.00 N | 31.38 3.06 0.00 N | 29.68 2.56 0.00 N | 25.81 2.09 0.00 N | | |
| ASTORIA___4 23517 | 43.58 1.73 -16.77 N | 45.18 0.60 -35.25 N | 24.74 1.37 -2.20 N | 28.77 0.81 -14.99 N | 32.44 1.46 -8.84 N | 33.24 2.15 0.00 N | 30.21 2.30 0.00 N | 38.64 3.03 0.00 N | 30.85 2.62 0.00 N | 38.57 3.70 0.00 N | 86.67 9.15 0.00 N | 36.46 3.19 -7.33 N | 31.78 3.49 0.00 N | 28.52 3.16 0.00 N | 34.76 3.92 -0.06 N | 29.87 3.30 0.00 N | 31.68 3.50 0.00 N | 28.87 3.11 -0.19 N | 21.86 2.22 0.00 N | 34.19 3.34 0.00 N | 32.28 3.33 0.00 N | 31.38 3.06 0.00 N | 29.68 2.56 0.00 N | 25.81 2.09 0.00 N | | |
| ASTORIA___5 23518 | 43.65 1.80 -16.77 N | 45.24 0.66 -35.25 N | 24.80 1.43 -2.20 N | 28.80 0.84 -14.99 N | 32.50 1.52 -8.84 N | 33.32 2.23 0.00 N | 30.18 2.27 0.00 N | 38.45 2.85 0.00 N | 30.76 2.53 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.09 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.79 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.27 2.96 0.00 N | 29.60 2.49 0.00 N | 25.76 2.04 0.00 N | | |
| ATHENS_STG_1 23668 | 44.92 0.85 -19.00 N | 49.58 0.31 -39.94 N | 24.39 0.73 -2.49 N | 30.39 0.44 -16.99 N | 32.87 0.72 -10.01 N | 32.14 1.05 0.00 N | 29.10 1.20 0.00 N | 37.13 1.52 0.00 N | 29.45 1.22 0.00 N | 36.60 1.74 0.00 N | 82.08 4.55 0.00 N | 33.64 1.58 -6.12 N | 30.04 1.76 0.00 N | 26.94 1.57 0.00 N | 32.75 1.96 0.00 N | 28.24 1.68 0.00 N | 29.97 1.79 0.00 N | 27.41 1.62 -0.22 N | 20.79 1.15 0.00 N | 32.61 1.76 0.00 N | 30.73 1.77 0.00 N | 29.88 1.56 0.00 N | 28.45 1.33 0.00 N | 24.84 1.12 0.00 N | | |
| ATHENS_STG_2 23670 | 44.92 0.85 -19.00 N | 49.58 0.31 -39.94 N | 24.39 0.73 -2.49 N | 30.39 0.44 -16.99 N | 32.87 0.72 -10.01 N | 32.14 1.05 0.00 N | 29.10 1.20 0.00 N | 37.13 1.52 0.00 N | 29.45 1.22 0.00 N | 36.60 1.74 0.00 N | 82.08 4.55 0.00 N | 33.64 1.58 -6.12 N | 30.04 1.76 0.00 N | 26.94 1.57 0.00 N | 32.75 1.96 0.00 N | 28.24 1.68 0.00 N | 29.97 1.79 0.00 N | 27.41 1.62 -0.22 N | 20.79 1.15 0.00 N | 32.61 1.76 0.00 N | 30.73 1.77 0.00 N | 29.88 1.56 0.00 N | 28.45 1.33 0.00 N | 24.84 1.12 0.00 N | | |
| ATHENS_STG_3 23677 | 44.92 0.85 -19.00 N | 49.58 0.31 -39.94 N | 24.39 0.73 -2.49 N | 30.39 0.44 -16.99 N | 32.87 0.72 -10.01 N | 32.14 1.05 0.00 N | 29.10 1.20 0.00 N | 37.13 1.52 0.00 N | 29.45 1.22 0.00 N | 36.60 1.74 0.00 N | 82.08 4.55 0.00 N | 33.64 1.58 -6.12 N | 30.04 1.76 0.00 N | 26.94 1.57 0.00 N | 32.75 1.96 0.00 N | 28.24 1.68 0.00 N | 29.97 1.79 0.00 N | 27.41 1.62 -0.22 N | 20.79 1.15 0.00 N | 32.61 1.76 0.00 N | 30.73 1.77 0.00 N | 29.88 1.56 0.00 N | 28.45 1.33 0.00 N | 24.84 1.12 0.00 N | | |
| BARRETT_IC_1 23704 | 43.62 1.77 -16.77 N | 45.21 0.63 -35.25 N | 24.87 1.50 -2.20 N | 28.84 0.88 -14.99 N | 32.60 1.62 -8.84 N | 33.50 2.41 0.00 N | 36.06 2.74 -5.41 N | 95.63 3.53 -56.49 N | 49.41 2.93 -18.26 N | 54.00 4.03 -15.10 N | 86.41 8.88 0.00 N | 48.37 3.40 -19.03 N | 50.33 3.71 -18.33 N | 50.97 3.35 -22.26 N | 50.97 4.17 -16.02 N | 50.52 3.45 -20.51 N | 51.49 3.63 -19.69 N | 53.07 3.22 -24.28 N | 52.12 2.32 -30.16 N | 51.75 3.57 -17.32 N | 57.99 3.53 -25.50 N | 67.48 3.39 -35.77 N | 33.60 2.95 -3.54 N | 27.40 2.41 -1.26 N | | |
| BARRETT_IC_10 | 43.62 | 45.21 | 24.87 | 28.84 | 32.60 | 33.50 | 36.06 | 95.63 | 49.41 | 54.00 | 86.41 | 48.37 | 50.33 | 50.97 | 50.97 | 50.52 | 51.49 | 53.07 | 52.12 | 51.75 | 57.99 | 67.48 | 33.60 | 27.40 | | |

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| 23701 | | 1.77 -16.77 N | 0.63 -35.25 N | 1.50 -2.20 N | 0.88 -14.99 N | 1.62 -8.84 N | 2.41 0.00 N | 2.74 -5.41 N | 3.53 -56.49 N | 2.93 -18.26 N | 4.03 -15.10 N | 8.88 0.00 N | 3.40 -19.03 N | 3.71 -18.33 N | 3.35 -22.26 N | 4.17 -16.02 N | 3.45 -20.51 N | 3.63 -19.69 N | 3.22 -24.28 N | 2.32 -30.16 N | 3.57 -17.32 N | 3.53 -25.50 N | 3.39 -35.77 N | 2.95 -3.54 N | 2.41 -1.26 N |
| BARRETT_IC_11 23702 | | 43.62 1.77 -16.77 N | 45.21 0.63 -35.25 N | 24.87 1.50 -2.20 N | 28.84 0.88 -14.99 N | 32.60 1.62 -8.84 N | 33.50 2.41 0.00 N | 36.06 2.74 -5.41 N | 95.63 3.53 -56.49 N | 49.41 2.93 -18.26 N | 54.00 4.03 -15.10 N | 86.41 8.88 0.00 N | 48.37 3.40 -19.03 N | 50.33 3.71 -18.33 N | 50.97 3.35 -22.26 N | 50.97 4.17 -16.02 N | 50.52 3.45 -20.51 N | 51.49 3.63 -19.69 N | 53.07 3.22 -24.28 N | 52.12 2.32 -30.16 N | 51.75 3.57 -17.32 N | 57.99 3.53 -25.50 N | 67.48 3.39 -35.77 N | 33.60 -3.54 N | 27.40 2.41 -1.26 N |
| BARRETT_IC_12 23703 | | 43.62 1.77 -16.77 N | 45.21 0.63 -35.25 N | 24.87 1.50 -2.20 N | 28.84 0.88 -14.99 N | 32.60 1.62 -8.84 N | 33.50 2.41 0.00 N | 36.06 2.74 -5.41 N | 95.63 3.53 -56.49 N | 49.41 2.93 -18.26 N | 54.00 4.03 -15.10 N | 86.41 8.88 0.00 N | 48.37 3.40 -19.03 N | 50.33 3.71 -18.33 N | 50.97 3.35 -22.26 N | 50.97 4.17 -16.02 N | 50.52 3.45 -20.51 N | 51.49 3.63 -19.69 N | 53.07 3.22 -24.28 N | 52.12 2.32 -30.16 N | 51.75 3.57 -17.32 N | 57.99 3.53 -25.50 N | 67.48 3.39 -35.77 N | 33.60 -3.54 N | 27.40 2.41 -1.26 N |
| BARRETT_IC_2 23705 | | 43.62 1.77 -16.77 N | 45.21 0.63 -35.25 N | 24.87 1.50 -2.20 N | 28.84 0.88 -14.99 N | 32.60 1.62 -8.84 N | 33.50 2.41 0.00 N | 36.06 2.74 -5.41 N | 95.63 3.53 -56.49 N | 49.41 2.93 -18.26 N | 54.00 4.03 -15.10 N | 86.41 8.88 0.00 N | 48.37 3.40 -19.03 N | 50.33 3.71 -18.33 N | 50.97 3.35 -22.26 N | 50.97 4.17 -16.02 N | 50.52 3.45 -20.51 N | 51.49 3.63 -19.69 N | 53.07 3.22 -24.28 N | 52.12 2.32 -30.16 N | 51.75 3.57 -17.32 N | 57.99 3.53 -25.50 N | 67.48 3.39 -35.77 N | 33.60 -3.54 N | 27.40 2.41 -1.26 N |
| BARRETT_IC_3 23706 | | 43.62 1.77 -16.77 N | 45.21 0.63 -35.25 N | 24.87 1.50 -2.20 N | 28.84 0.88 -14.99 N | 32.60 1.62 -8.84 N | 33.50 2.41 0.00 N | 36.06 2.74 -5.41 N | 95.63 3.53 -56.49 N | 49.41 2.93 -18.26 N | 54.00 4.03 -15.10 N | 86.41 8.88 0.00 N | 48.37 3.40 -19.03 N | 50.33 3.71 -18.33 N | 50.97 3.35 -22.26 N | 50.97 4.17 -16.02 N | 50.52 3.45 -20.51 N | 51.49 3.63 -19.69 N | 53.07 3.22 -24.28 N | 52.12 2.32 -30.16 N | 51.75 3.57 -17.32 N | 57.99 3.53 -25.50 N | 67.48 3.39 -35.77 N | 33.60 -3.54 N | 27.40 2.41 -1.26 N |
| BARRETT_IC_4 23707 | | 43.62 1.77 -16.77 N | 45.21 0.63 -35.25 N | 24.87 1.50 -2.20 N | 28.84 0.88 -14.99 N | 32.60 1.62 -8.84 N | 33.50 2.41 0.00 N | 36.06 2.74 -5.41 N | 95.63 3.53 -56.49 N | 49.41 2.93 -18.26 N | 54.00 4.03 -15.10 N | 86.41 8.88 0.00 N | 48.37 3.40 -19.03 N | 50.33 3.71 -18.33 N | 50.97 3.35 -22.26 N | 50.97 4.17 -16.02 N | 50.52 3.45 -20.51 N | 51.49 3.63 -19.69 N | 53.07 3.22 -24.28 N | 52.12 2.32 -30.16 N | 51.75 3.57 -17.32 N | 57.99 3.53 -25.50 N | 67.48 3.39 -35.77 N | 33.60 -3.54 N | 27.40 2.41 -1.26 N |
| BARRETT_IC_5 23708 | | 43.62 1.77 -16.77 N | 45.21 0.63 -35.25 N | 24.87 1.50 -2.20 N | 28.84 0.88 -14.99 N | 32.60 1.62 -8.84 N | 33.50 2.41 0.00 N | 36.06 2.74 -5.41 N | 95.63 3.53 -56.49 N | 49.41 2.93 -18.26 N | 54.00 4.03 -15.10 N | 86.41 8.88 0.00 | | | | | | | | | | | | | |

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| BEEBEE_GT_13 23619 | 27.22 0.30 -1.85 N | 13.36 0.15 -3.88 N | 21.69 0.28 -0.24 N | 14.83 0.22 -1.65 N | 23.33 0.21 -0.97 N | 31.58 0.49 0.00 N | 28.62 0.71 0.00 N | 36.59 0.98 0.00 N | 29.02 0.80 0.00 N | 36.27 1.40 0.00 N | 82.47 4.95 0.00 N | 28.00 1.40 -0.66 N | 29.86 1.58 0.00 N | 26.92 1.56 0.00 N | 32.52 1.73 0.00 N | 28.19 1.62 0.00 N | 29.83 1.66 0.00 N | 26.98 1.39 -0.02 N | 20.63 0.99 0.00 N | 32.26 1.40 0.00 N | 30.30 1.35 0.00 N | 29.57 1.25 0.00 N | 28.09 0.98 0.00 N | 24.51 0.79 0.00 N |
| BETHLEHEM___GRP 23843 | 47.87 1.12 -21.67 N | 55.32 0.43 -45.55 N | 24.97 0.96 -2.84 N | 32.92 0.57 -19.37 N | 34.55 0.98 -11.42 N | 32.49 1.40 0.00 N | 29.41 1.50 0.00 N | 37.30 1.69 0.00 N | 29.50 1.27 0.00 N | 36.64 1.77 0.00 N | 82.09 4.56 0.00 N | 35.23 1.61 -7.68 N | 30.15 1.87 0.00 N | 27.19 1.83 0.00 N | 33.09 2.30 0.00 N | 28.55 1.99 0.00 N | 30.15 1.97 0.00 N | 27.54 1.72 -0.25 N | 20.87 1.23 0.00 N | 32.72 1.86 0.00 N | 30.81 1.86 0.00 N | 29.92 1.60 0.00 N | 28.68 1.57 0.00 N | 25.07 1.34 0.00 N |
| BETHLEHEM___GS1 323560 | 47.87 1.12 -21.67 N | 55.32 0.43 -45.55 N | 24.97 0.96 -2.84 N | 32.92 0.57 -19.37 N | 34.55 0.98 -11.42 N | 32.49 1.40 0.00 N | 29.41 1.50 0.00 N | 37.30 1.69 0.00 N | 29.50 1.27 0.00 N | 36.64 1.77 0.00 N | 82.09 4.56 0.00 N | 35.23 1.61 -7.68 N | 30.15 1.87 0.00 N | 27.19 1.83 0.00 N | 33.09 2.30 0.00 N | 28.55 1.99 0.00 N | 30.15 1.97 0.00 N | 27.54 1.72 -0.25 N | 20.87 1.23 0.00 N | 32.72 1.86 0.00 N | 30.81 1.86 0.00 N | 29.92 1.60 0.00 N | 28.68 1.57 0.00 N | 25.07 1.34 0.00 N |
| BETHLEHEM___GS2 323561 | 47.87 1.12 -21.67 N | 55.32 0.43 -45.55 N | 24.97 0.96 -2.84 N | 32.92 0.57 -19.37 N | 34.55 0.98 -11.42 N | 32.49 1.40 0.00 N | 29.41 1.50 0.00 N | 37.30 1.69 0.00 N | 29.50 1.27 0.00 N | 36.64 1.77 0.00 N | 82.09 4.56 0.00 N | 35.23 1.61 -7.68 N | 30.15 1.87 0.00 N | 27.19 1.83 0.00 N | 33.09 2.30 0.00 N | 28.55 1.99 0.00 N | 30.15 1.97 0.00 N | 27.54 1.72 -0.25 N | 20.87 1.23 0.00 N | 32.72 1.86 0.00 N | 30.81 1.86 0.00 N | 29.92 1.60 0.00 N | 28.68 1.57 0.00 N | 25.07 1.34 0.00 N |
| BETHLEHEM___GS3 323562 | 47.87 1.12 -21.67 N | 55.32 0.43 -45.55 N | 24.97 0.96 -2.84 N | 32.92 0.57 -19.37 N | 34.55 0.98 -11.42 N | 32.49 1.40 0.00 N | 29.41 1.50 0.00 N | 37.30 1.69 0.00 N | 29.50 1.27 0.00 N | 36.64 1.77 0.00 N | 82.09 4.56 0.00 N | 35.23 1.61 -7.68 N | 30.15 1.87 0.00 N | 27.19 1.83 0.00 N | 33.09 2.30 0.00 N | 28.55 1.99 0.00 N | 30.15 1.97 0.00 N | 27.54 1.72 -0.25 N | 20.87 1.23 0.00 N | 32.72 1.86 0.00 N | 30.81 1.86 0.00 N | 29.92 1.60 0.00 N | 28.68 1.57 0.00 N | 25.07 1.34 0.00 N |
| BETHLEHEM___STEEL 23779 | 26.29 -1.26 -2.46 N | 14.17 -0.34 -5.18 N | 20.64 -0.85 -0.32 N | 14.69 -0.48 -2.20 N | 22.20 -1.23 -1.30 N | 29.45 -1.64 0.00 N | 26.33 -1.58 0.00 N | 33.46 -2.14 0.00 N | 26.39 -1.84 0.00 N | 33.16 -1.71 0.00 N | 76.41 -1.11 0.00 N | 25.96 -0.84 -0.85 N | 27.36 -0.92 0.00 N | 24.59 -0.77 0.00 N | 29.66 -1.14 0.00 N | 25.77 -0.80 0.00 N | 27.37 -0.81 0.00 N | 24.84 -0.75 -0.03 N | 19.08 -0.56 0.00 N | 29.85 -1.00 0.00 N | 27.98 -0.97 0.00 N | 27.22 -1.10 0.00 N | 26.03 -1.09 0.00 N | 23.08 -0.64 0.00 N |
| BETHPAGE_CC_5 323564 | 43.69 1.84 -16.77 N | 45.19 0.61 -35.25 N | 24.86 1.49 -2.20 N | 28.83 0.87 -14.99 N | 32.60 1.62 -8.84 N | 33.50 2.41 0.00 N | 30.62 2.71 0.00 N | 39.14 3.54 0.00 N | 38.30 2.94 -7.14 N | 52.18 4.06 -13.25 N | 86.73 9.20 0.00 N | 45.96 3.41 -16.60 N | 50.14 3.74 -18.11 N | 49.92 3.38 -21.18 N | 49.89 4.20 -14.90 N | 50.43 3.54 -20.32 N | 51.60 3.74 -19.69 N | 53.18 3.33 -24.28 N | 52.21 2.40 -30.16 N | 51.88 3.70 -17.32 N | 58.12 3.65 -25.50 N | 67.58 3.49 -35.77 N | 33.73 3.07 -3.54 N | 27.55 2.56 -1.26 N |
| BINGHAMTON___COGEN 23790 | 31.02 0.35 -5.58 N | 21.23 0.16 -11.74 N | 22.32 0.41 -0.73 N | 18.21 0.26 -4.99 N | 25.42 0.34 -2.94 N | 31.55 0.46 0.00 N | 28.58 0.68 0.00 N | 36.49 0.88 0.00 N | 28.83 0.60 0.00 N | 35.99 1.12 0.00 N | 82.41 4.89 0.00 N | 28.97 0.99 -2.04 N | 29.33 1.05 0.00 N | 26.25 0.89 0.00 N | 31.85 1.07 0.00 N | 27.48 0.91 0.00 N | 29.13 0.96 0.00 N | 26.41 0.78 -0.06 N | 20.22 0.58 0.00 N | 31.72 0.87 0.00 N | 29.86 0.91 0.00 N | 29.01 0.69 0.00 N | 27.71 0.59 0.00 N | 24.22 0.50 0.00 N |
| BLACK RIVER___HYD 24047 | 24.35 -1.20 -0.47 N | 9.81 -0.51 -0.99 N | 20.07 -1.17 -0.06 N | 12.68 -0.71 -0.42 N | 21.42 -0.97 -0.25 N | 30.25 -0.84 0.00 N | 28.20 0.30 0.00 N | 36.24 0.63 0.00 N | 28.74 0.52 0.00 N | 35.52 0.66 0.00 N | 79.70 2.17 0.00 N | 26.68 0.48 -0.25 N | 28.60 0.31 0.00 N | 25.57 0.21 0.00 N | 30.94 0.15 0.00 N | 26.74 0.17 0.00 N | 28.26 0.08 0.00 N | 25.64 0.06 -0.01 N | 19.69 0.04 0.00 N | 30.89 0.04 0.00 N | 29.17 0.21 0.00 N | 28.51 0.19 0.00 N | 27.00 -0.12 0.00 N | 23.41 -0.31 0.00 N |
| BLISS_WT_PWR 323608 | 27.85 0.13 -2.64 N | 15.02 0.14 -5.54 N | 21.73 0.21 -0.34 N | 15.39 0.07 -2.36 N | 22.93 -0.60 -1.39 N | 30.03 -1.06 0.00 N | 27.34 -0.56 0.00 N | 35.45 -0.16 0.00 N | 28.21 -0.01 0.00 N | 35.87 1.00 0.00 N | 83.44 5.91 0.00 N | 27.77 0.94 -0.88 N | 29.29 1.01 0.00 N | 25.88 0.52 0.00 N | 31.24 0.45 0.00 N | 27.10 0.54 0.00 N | 28.97 0.80 0.00 N | 26.24 0.64 -0.03 N | 20.18 0.54 0.00 N | 31.69 0.84 0.00 N | 29.77 0.81 0.00 N | 28.92 0.60 0.00 N | 27.42 0.30 0.00 N | 24.04 0.31 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 47.25 0.74 -21.43 N | 54.68 0.30 -45.04 N | 24.69 0.71 -2.81 N | 32.56 0.43 -19.16 N | 34.15 0.72 -11.29 N | 32.15 1.06 0.00 N | 29.00 1.09 0.00 N | 36.93 1.32 0.00 N | 29.20 0.97 0.00 N | 36.22 1.35 0.00 N | 81.06 3.53 0.00 N | 34.73 1.20 -7.59 N | 29.57 1.29 0.00 N | 26.44 1.08 0.00 N | 32.16 1.37 0.00 N | 27.73 1.17 0.00 N | 29.47 1.30 0.00 N | 27.03 1.21 -0.24 N | 20.49 0.85 0.00 N | 32.12 1.27 0.00 N | 30.27 1.31 0.00 N | 29.44 1.12 0.00 N | 28.09 0.97 0.00 N | 24.61 0.88 0.00 N |
| BOC_GAS_DRP 24189 | 47.45 0.71 -21.66 N | 55.14 0.29 -45.52 N | 24.67 0.66 -2.84 N | 32.73 0.40 -19.36 N | 34.21 0.66 -11.41 N | 32.03 0.94 0.00 N | 28.96 1.05 0.00 N | 36.88 1.28 0.00 N | 29.20 0.98 0.00 N | 36.24 1.37 0.00 N | 81.15 3.62 0.00 N | 34.75 1.22 -7.58 N | 29.61 1.33 0.00 N | 26.46 1.11 0.00 N | 32.18 1.40 0.00 N | 27.76 1.20 0.00 N | 29.50 1.33 0.00 N | 27.06 1.25 -0.25 N | 20.51 0.87 0.00 N | 32.16 1.30 0.00 N | 30.27 1.32 0.00 N | 29.44 1.13 0.00 N | 28.13 1.02 0.00 N | 24.62 0.89 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 48.09 1.50 -21.52 N | 55.10 0.54 -45.23 N | 25.10 1.11 -2.82 N | 32.84 0.64 -19.24 N | 34.60 1.12 -11.34 N | 32.59 1.50 0.00 N | 29.57 1.67 0.00 N | 37.74 2.14 0.00 N | 29.77 1.54 0.00 N | 36.90 2.03 0.00 N | 82.53 5.01 0.00 N | 35.64 1.94 -7.75 N | 30.48 2.20 0.00 N | 27.37 2.02 0.00 N | 33.34 2.55 0.00 N | 28.75 2.19 0.00 N | 30.46 2.29 0.00 N | 27.97 2.16 -0.25 N | 21.21 1.57 0.00 N | 33.33 2.48 0.00 N | 31.35 2.39 0.00 N | 30.37 2.05 0.00 N | 29.05 1.93 0.00 N | 25.38 1.66 0.00 N |
| BOWLINE___1 23526 | 42.77 1.34 -16.35 N | 44.19 0.48 -34.37 N | 24.42 1.10 -2.14 N | 28.24 0.65 -14.62 N | 31.94 1.18 -8.62 N | 32.84 1.75 0.00 N | 29.79 1.88 0.00 N | 38.03 2.43 0.00 N | 30.27 2.04 0.00 N | 37.77 2.90 0.00 N | 85.06 7.53 0.00 N | 35.63 2.57 -7.12 N | 31.08 2.80 0.00 N | 27.89 2.53 0.00 N | 33.94 3.15 0.00 N | 29.21 2.65 0.00 N | 30.99 2.82 0.00 N | 28.25 2.50 -0.19 N | 21.41 1.76 0.00 N | 33.53 2.68 0.00 N | 31.67 2.72 0.00 N | 30.80 2.48 0.00 N | 29.16 2.05 0.00 N | 25.40 1.68 0.00 N |

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| 23857 | -1.44 -0.37 N | -0.60 -0.78 N | -1.39 -0.05 N | -0.84 -0.33 N | -1.17 -0.20 N | -1.11 0.00 N | 0.12 0.00 N | 0.37 0.00 N | 0.35 0.00 N | 0.43 0.00 N | 1.57 0.00 N | 0.30 -0.22 N | 0.08 0.00 N | 0.01 0.00 N | -0.08 0.00 N | -0.03 0.00 N | -0.11 0.00 N | -0.11 -0.01 N | -0.09 0.00 N | -0.15 0.00 N | 0.02 0.00 N | 0.00 0.00 N | -0.27 0.00 N | -0.44 0.00 N |
| CE_DUNWOOD___DRP 24194 | 43.32 1.51 -16.74 N | 45.04 0.53 -35.18 N | 24.58 1.22 -2.19 N | 28.65 0.72 -14.96 N | 32.26 1.30 -8.82 N | 33.00 1.91 0.00 N | 29.97 2.06 0.00 N | 38.29 2.69 0.00 N | 30.49 2.27 0.00 N | 38.07 3.20 0.00 N | 85.69 8.16 0.00 N | 36.05 2.79 -7.32 N | 31.34 3.06 0.00 N | 28.12 2.76 0.00 N | 34.22 3.43 0.00 N | 29.45 2.89 0.00 N | 31.25 3.08 0.00 N | 28.50 2.74 -0.19 N | 21.59 1.95 0.00 N | 33.82 2.96 0.00 N | 31.93 2.98 0.00 N | 31.05 2.73 0.00 N | 29.40 2.28 0.00 N | 25.59 1.87 0.00 N |
| CE_MILLWOOD___DRP 24193 | 43.19 1.41 -16.70 N | 44.93 0.50 -35.10 N | 24.51 1.15 -2.19 N | 28.57 0.68 -14.93 N | 32.16 1.22 -8.80 N | 32.89 1.80 0.00 N | 29.86 1.95 0.00 N | 38.15 2.55 0.00 N | 30.36 2.13 0.00 N | 37.89 3.03 0.00 N | 85.26 7.73 0.00 N | 35.90 2.66 -7.30 N | 31.18 2.90 0.00 N | 27.99 2.63 0.00 N | 34.05 3.27 0.00 N | 29.32 2.76 0.00 N | 31.11 2.94 0.00 N | 28.37 2.61 -0.19 N | 21.50 1.86 0.00 N | 33.68 2.82 0.00 N | 31.79 2.84 0.00 N | 30.91 2.59 0.00 N | 29.28 2.16 0.00 N | 25.50 1.77 0.00 N |
| CE_NYC2_DRP 24202 | 43.59 1.75 -16.77 N | 45.18 0.60 -35.25 N | 24.75 1.38 -2.20 N | 28.78 0.82 -14.99 N | 32.46 1.48 -8.84 N | 33.26 2.17 0.00 N | 30.23 2.32 0.00 N | 38.67 3.07 0.00 N | 30.87 2.65 0.00 N | 38.59 3.72 0.00 N | 86.76 9.23 0.00 N | 36.49 3.21 -7.33 N | 31.80 3.52 0.00 N | 28.54 3.18 0.00 N | 34.78 3.94 -0.06 N | 29.89 3.32 0.00 N | 31.70 3.53 0.00 N | 28.89 3.13 -0.19 N | 21.87 2.23 0.00 N | 34.22 3.36 0.00 N | 32.31 3.35 0.00 N | 31.40 3.08 0.00 N | 29.70 2.58 0.00 N | 25.84 2.12 0.00 N |
| CE_NYC_DRP 24195 | 43.58 1.73 -16.77 N | 45.17 0.60 -35.24 N | 24.74 1.37 -2.20 N | 28.77 0.81 -14.99 N | 32.44 1.46 -8.84 N | 33.25 2.16 0.00 N | 30.22 2.31 0.00 N | 38.68 3.08 0.00 N | 30.85 2.63 0.00 N | 38.57 3.70 0.00 N | 86.87 9.35 0.00 N | 36.46 3.18 -7.33 N | 31.77 3.49 0.00 N | 28.52 3.16 0.00 N | 34.74 3.91 -0.04 N | 29.86 3.32 0.00 N | 31.68 3.50 0.00 N | 28.86 3.10 -0.19 N | 21.86 2.22 0.00 N | 34.21 3.35 0.00 N | 32.30 3.35 0.00 N | 31.38 3.07 0.00 N | 29.70 2.58 0.00 N | 25.84 2.11 0.00 N |
| CHAFFEE___LFGE 323603 | 26.94 -0.69 -2.55 N | 14.55 -0.14 -5.35 N | 21.14 -0.37 -0.33 N | 15.04 -0.20 -2.28 N | 22.74 -0.74 -1.34 N | 30.09 -1.00 0.00 N | 27.08 -0.83 0.00 N | 34.60 -1.01 0.00 N | 27.34 -0.88 0.00 N | 34.42 -0.45 0.00 N | 79.60 2.08 0.00 N | 26.81 0.00 -0.87 N | 28.26 -0.03 0.00 N | 25.33 -0.03 0.00 N | 30.56 -0.23 0.00 N | 26.52 -0.04 0.00 N | 28.15 -0.02 0.00 N | 25.52 -0.08 -0.03 N | 19.60 -0.04 0.00 N | 30.70 -0.16 0.00 N | 28.81 -0.14 0.00 N | 28.01 -0.31 0.00 N | 26.73 -0.39 0.00 N | 23.61 -0.12 0.00 N |
| CHATEAUG_WT_PWR 323614 | 19.22 -4.98 0.88 N | 5.38 -2.10 1.86 N | 16.21 -4.85 0.12 N | 9.20 -2.97 0.79 N | -66.53 -4.62 84.06 N | 25.67 -5.42 0.00 N | 26.49 -1.42 0.00 N | 33.60 -2.01 0.00 N | 26.52 -1.71 0.00 N | 32.76 -2.11 0.00 N | 71.98 -5.55 0.00 N | 24.24 -1.71 0.00 N | 26.32 -1.96 0.00 N | 23.42 -1.94 0.00 N | 28.37 -2.42 0.00 N | 24.59 -1.98 0.00 N | 26.14 -2.04 0.00 N | 23.66 -1.91 0.00 N | 18.26 -1.38 0.00 N | 28.91 -1.94 0.00 N | 27.07 -1.88 0.00 N | 26.53 -1.79 0.00 N | 25.56 -1.56 0.00 N | 22.61 -1.12 0.00 N |
| CHAT_HIGH_FALL_HYD 323578 | 19.33 -4.90 0.86 N | 5.46 -2.08 1.80 N | 16.26 -4.80 0.11 N | 9.27 -2.94 0.77 N | -66.45 -4.55 84.04 N | 25.77 -5.32 0.00 N | 26.60 -1.31 0.00 N | 33.75 -1.85 0.00 N | 26.65 -1.57 0.00 N | 32.96 -1.90 0.00 N | 72.39 -5.14 0.00 N | 24.33 -1.62 0.00 N | 26.42 -1.86 0.00 N | 23.54 -1.82 0.00 N | 28.53 -2.26 0.00 N | 24.70 -1.87 0.00 N | 26.24 -1.94 0.00 N | 23.78 -1.79 0.00 N | 18.35 -1.29 0.00 N | 29.03 -1.83 0.00 N | 27.18 -1.78 0.00 N | 26.67 -1.65 0.00 N | 25.66 -1.45 0.00 N | 22.64 -1.09 0.00 N |
| CH_MIDHUDSON___DRP 24192 | 44.45 1.43 -17.94 N | 47.55 0.50 -37.72 N | 24.69 1.17 -2.35 N | 29.70 0.69 -16.04 N | 32.82 1.22 -9.46 N | 32.87 1.78 0.00 N | 29.86 1.95 0.00 N | 38.12 2.52 0.00 N | 30.32 2.10 0.00 N | 37.81 2.94 0.00 N | 84.99 7.47 0.00 N | 35.81 2.58 -7.29 N | 31.11 2.83 0.00 N | 27.91 2.55 0.00 N | 33.97 3.19 0.00 N | 29.26 2.70 0.00 N | 31.03 2.86 0.00 N | 28.33 2.56 -0.20 N | 21.47 1.83 0.00 N | 33.68 2.83 0.00 N | 31.79 2.84 0.00 N | 30.90 2.58 0.00 N | 29.30 2.19 0.00 N | 25.52 1.80 0.00 N |
| CH_MISC_IPPS 23765 | 43.68 1.37 -17.23 N | 46.02 0.47 -36.22 N | 24.56 1.13 -2.26 N | 29.05 0.68 -15.40 N | 32.42 1.19 -9.08 N | 32.86 1.77 0.00 N | 29.83 1.92 0.00 N | 37.98 2.37 0.00 N | 30.26 2.04 0.00 N | 37.76 2.89 0.00 N | 84.69 7.17 0.00 N | 35.56 2.50 -7.11 N | 31.08 2.80 0.00 N | 27.89 2.53 0.00 N | 33.93 3.14 0.00 N | 29.23 2.66 0.00 N | 31.00 2.83 0.00 N | 28.28 2.52 -0.20 N | 21.44 1.80 0.00 N | 33.61 2.76 0.00 N | 31.74 2.79 0.00 N | 30.86 2.53 0.00 N | 29.22 2.10 0.00 N | 25.50 1.77 0.00 N |
| CH_RES_BVR_FALLS 23983 | 21.93 -1.97 1.18 N | 5.99 -0.86 2.48 N | 19.03 -2.00 0.15 N | 10.67 -1.24 1.05 N | 18.71 -2.80 0.62 N | 28.03 -3.06 0.00 N | 27.11 -0.79 0.00 N | 34.76 -0.85 0.00 N | 27.40 -0.82 0.00 N | 33.41 -1.45 0.00 N | 74.42 -3.10 0.00 N | 24.92 -0.73 0.30 N | 27.54 -0.74 0.00 N | 24.64 -0.72 0.00 N | 29.83 -0.95 0.00 N | 25.48 -1.08 0.00 N | 27.02 -1.15 0.00 N | 24.51 -1.05 0.01 N | 18.88 -0.76 0.00 N | 29.90 -0.95 0.00 N | 28.29 -0.66 0.00 N | 27.79 -0.53 0.00 N | 26.48 -0.64 0.00 N | 23.13 -0.59 0.00 N |
| CH_RES_NIAGARA 23895 | 25.62 -1.74 -2.28 N | 13.63 -0.50 -4.80 N | 20.24 -1.23 -0.30 N | 14.31 -0.70 -2.04 N | 21.74 -1.61 -1.20 N | 28.92 -2.17 0.00 N | 25.73 -2.17 0.00 N | 32.65 -2.96 0.00 N | 25.69 -2.54 0.00 N | 32.18 -2.69 0.00 N | 73.64 -3.89 0.00 N | 25.24 -1.50 -0.80 N | 26.65 -1.63 0.00 N | 24.00 -1.36 0.00 N | 28.93 -1.86 0.00 N | 25.17 -1.39 0.00 N | 26.74 -1.43 0.00 N | 24.30 -1.30 -0.03 N | 18.65 -0.99 0.00 N | 29.18 -1.67 0.00 N | 27.31 -1.65 0.00 N | 26.61 -1.71 0.00 N | 25.48 -1.64 0.00 N | 22.66 -1.07 0.00 N |
| CH_RES_SYRACUSE 23985 | 26.64 -0.06 -1.62 N | 12.72 -0.01 -3.40 N | 21.35 -0.03 -0.21 N | 14.40 -0.01 -1.45 N | 22.91 -0.08 -0.85 N | 31.05 -0.04 0.00 N | 28.06 0.15 0.00 N | 35.83 0.22 0.00 N | 28.31 0.09 0.00 N | 35.16 0.30 0.00 N | 79.00 1.47 0.00 N | 26.83 0.30 -0.58 N | 28.59 0.31 0.00 N | 25.65 0.29 0.00 N | 31.01 0.22 0.00 N | 26.79 0.22 0.00 N | 28.38 0.21 0.00 N | 25.72 0.14 -0.02 N | 19.71 0.07 0.00 N | 30.92 0.06 0.00 N | 29.15 0.20 0.00 N | 28.47 0.15 0.00 N | 27.25 0.13 0.00 N | 23.80 0.07 0.00 N |
| CLINTON_WT_PWR 323605 | 19.22 -4.98 0.88 N | 5.38 -2.10 1.86 N | 16.21 -4.85 0.12 N | 9.20 -2.97 0.79 N | -66.53 -4.62 84.06 N | 25.67 -5.42 0.00 N | 26.49 -1.42 0.00 N | 33.60 -2.01 0.00 N | 26.52 -1.71 0.00 N | 32.76 -2.11 0.00 N | 71.98 -5.55 0.00 N | 24.24 -1.71 0.00 N | 26.32 -1.96 0.00 N | 23.42 -1.94 0.00 N | 28.37 -2.42 0.00 N | 24.59 -1.98 0.00 N | 26.14 -2.04 0.00 N | 23.66 -1.91 0.00 N | 18.26 -1.38 0.00 N | 28.91 -1.94 0.00 N | 27.07 -1.88 0.00 N | 26.53 -1.79 0.00 N | 25.56 -1.56 0.00 N | 22.61 -1.12 0.00 N |

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| CLINTON___LFGE 323618 | 19.09 -5.11 0.87 N | 5.34 -2.15 1.84 N | 16.08 -4.98 0.11 N | 9.13 -3.05 0.78 N | -66.62 -4.71 84.05 N | 25.50 -5.58 0.00 N | 26.35 -1.56 0.00 N | 33.49 -2.12 0.00 N | 26.42 -1.81 0.00 N | 32.68 -2.19 0.00 N | 71.90 -5.62 0.00 N | 24.15 -1.80 0.00 N | 26.21 -2.07 0.00 N | 23.33 -2.03 0.00 N | 28.25 -2.53 0.00 N | 24.48 -2.09 0.00 N | 26.02 -2.16 0.00 N | 23.57 -1.99 0.00 N | 18.18 -1.46 0.00 N | 28.81 -2.04 0.00 N | 27.02 -1.93 0.00 N | 26.45 -1.87 0.00 N | 25.44 -1.68 0.00 N | 22.47 -1.26 0.00 N |
| COLONIE_LFGE___ 323577 | 48.11 1.40 -21.64 N | 55.33 0.51 -45.48 N | 25.11 1.10 -2.83 N | 32.96 0.65 -19.34 N | 34.68 1.14 -11.40 N | 32.68 1.59 0.00 N | 29.70 1.79 0.00 N | 37.82 2.22 0.00 N | 29.86 1.64 0.00 N | 37.07 2.20 0.00 N | 83.02 5.50 0.00 N | 35.68 2.01 -7.73 N | 30.55 2.27 0.00 N | 27.47 2.11 0.00 N | 33.43 2.64 0.00 N | 28.85 2.28 0.00 N | 30.54 2.36 0.00 N | 27.99 2.17 -0.25 N | 21.20 1.56 0.00 N | 33.30 2.45 0.00 N | 31.36 2.40 0.00 N | 30.40 2.08 0.00 N | 29.02 1.90 0.00 N | 25.32 1.59 0.00 N |
| CORNELL____ 23752 | 29.09 1.06 -2.95 N | 15.99 0.45 -6.21 N | 22.50 0.94 -0.39 N | 16.24 0.63 -2.64 N | 24.54 0.85 -1.56 N | 32.21 1.12 0.00 N | 29.35 1.44 0.00 N | 37.60 1.99 0.00 N | 29.74 1.51 0.00 N | 37.00 2.13 0.00 N | 84.66 7.14 0.00 N | 28.72 1.71 -1.06 N | 30.28 2.00 0.00 N | 27.38 2.02 0.00 N | 32.87 2.08 0.00 N | 28.49 1.92 0.00 N | 30.10 1.92 0.00 N | 27.39 1.79 -0.03 N | 20.99 1.35 0.00 N | 32.61 1.75 0.00 N | 30.63 1.68 0.00 N | 29.96 1.65 0.00 N | 28.51 1.39 0.00 N | 24.88 1.16 0.00 N |
| COXSACKIE___GT 23611 | 45.86 1.51 -19.28 N | 50.41 0.55 -40.53 N | 25.00 1.30 -2.53 N | 30.99 0.79 -17.24 N | 33.64 1.34 -10.16 N | 33.05 1.96 0.00 N | 30.02 2.11 0.00 N | 38.40 2.80 0.00 N | 30.48 2.25 0.00 N | 37.88 3.01 0.00 N | 85.03 7.50 0.00 N | 35.39 2.41 -7.04 N | 30.83 2.55 0.00 N | 27.60 2.24 0.00 N | 33.54 2.75 0.00 N | 28.90 2.33 0.00 N | 30.68 2.51 0.00 N | 28.07 2.29 -0.22 N | 21.32 1.68 0.00 N | 33.51 2.66 0.00 N | 31.59 2.63 0.00 N | 30.69 2.37 0.00 N | 29.17 2.05 0.00 N | 25.45 1.72 0.00 N |
| CRESCENT___HYD 24018 | 48.11 1.40 -21.64 N | 55.33 0.51 -45.48 N | 25.11 1.10 -2.83 N | 32.96 0.65 -19.34 N | 34.68 1.14 -11.40 N | 32.68 1.59 0.00 N | 29.70 1.79 0.00 N | 37.82 2.22 0.00 N | 29.86 1.64 0.00 N | 37.07 2.20 0.00 N | 83.02 5.50 0.00 N | 35.68 2.01 -7.73 N | 30.55 2.27 0.00 N | 27.47 2.11 0.00 N | 33.43 2.64 0.00 N | 28.85 2.28 0.00 N | 30.54 2.36 0.00 N | 27.99 2.17 -0.25 N | 21.20 1.56 0.00 N | 33.30 2.45 0.00 N | 31.36 2.40 0.00 N | 30.40 2.08 0.00 N | 29.02 1.90 0.00 N | 25.32 1.59 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 26.64 -0.06 -1.62 N | 12.72 -0.01 -3.40 N | 21.35 -0.03 -0.21 N | 14.40 -0.01 -1.45 N | 22.91 -0.08 -0.85 N | 31.05 -0.04 0.00 N | 28.06 0.15 0.00 N | 35.83 0.22 0.00 N | 28.31 0.09 0.00 N | 35.16 0.30 0.00 N | 79.00 1.47 0.00 N | 26.83 0.30 -0.58 N | 28.59 0.31 0.00 N | 25.65 0.29 0.00 N | 31.01 0.22 0.00 N | 26.79 0.22 0.00 N | 28.38 0.21 0.00 N | 25.72 0.14 -0.02 N | 19.71 0.07 0.00 N | 30.92 0.06 0.00 N | 29.15 0.20 0.00 N | 28.47 0.15 0.00 N | 27.25 0.13 0.00 N | 23.80 0.07 0.00 N |
| DANC___LFGE 323619 | 24.35 -1.20 -0.47 N | 9.81 -0.51 -0.99 N | 20.07 -1.17 -0.06 N | 12.68 -0.71 -0.42 N | 21.42 -0.97 -0.25 N | 30.25 -0.84 0.00 N | 28.20 0.30 0.00 N | 36.24 0.63 0.00 N | 28.74 0.52 0.00 N | 35.52 0.66 0.00 N | 79.70 2.17 0.00 N | 26.68 0.48 -0.25 N | 28.60 0.31 0.00 N | 25.57 0.21 0.00 N | 30.94 0.15 0.00 N | 26.74 0.17 0.00 N | 28.26 0.08 0.00 N | 25.64 0.06 -0.01 N | 19.69 0.04 0.00 N | 30.89 0.04 0.00 N | 29.17 0.21 0.00 N | 28.51 0.19 0.00 N | 27.00 -0.12 0.00 N | 23.41 -0.31 0.00 N |
| DANSKAMMER___1 23586 | 43.68 1.37 -17.23 N | 46.02 0.47 -36.22 N | 24.56 1.13 -2.26 N | 29.05 0.68 -15.40 N | 32.42 1.19 -9.08 N | 32.86 1.77 0.00 N | 29.83 1.92 0.00 N | 37.98 2.37 0.00 N | 30.26 2.04 0.00 N | 37.76 2.89 0.00 N | 84.69 7.17 0.00 N | 35.56 2.50 -7.11 N | 31.08 2.80 0.00 N | 27.89 2.53 0.00 N | 33.93 3.14 0.00 N | 29.23 2.66 0.00 N | 31.00 2.83 0.00 N | 28.28 2.52 -0.20 N | 21.44 1.80 0.00 N | 33.61 2.76 0.00 N | 31.74 2.79 0.00 N | 30.86 2.53 0.00 N | 29.22 2.10 0.00 N | 25.50 1.77 0.00 N |
| DANSKAMMER___2 23589 | 43.68 1.37 -17.23 N | 46.02 0.47 -36.22 N | 24.56 1.13 -2.26 N | 29.05 0.68 -15.40 N | 32.42 1.19 -9.08 N | 32.86 1.77 0.00 N | 29.83 1.92 0.00 N | 37.98 2.37 0.00 N | 30.26 2.04 0.00 N | 37.76 2.89 0.00 N | 84.69 7.17 0.00 N | 35.56 2.50 -7.11 N | 31.08 2.80 0.00 N | 27.89 2.53 0.00 N | 33.93 3.14 0.00 N | 29.23 2.66 0.00 N | 31.00 2.83 0.00 N | 28.28 2.52 -0.20 N | 21.44 1.80 0.00 N | 33.61 2.76 0.00 N | 31.74 2.79 0.00 N | 30.86 2.53 0.00 N | 29.22 2.10 0.00 N | 25.50 1.77 0.00 N |
| DANSKAMMER___3 23590 | 43.68 1.37 -17.23 N | 46.02 0.47 -36.22 N | 24.56 1.13 -2.26 N | 29.05 0.68 -15.40 N | 32.42 1.19 -9.08 N | 32.86 1.77 0.00 N | 29.83 1.92 0.00 N | 37.98 2.37 0.00 N | 30.26 2.04 0.00 N | 37.76 2.89 0.00 N | 84.69 7.17 0.00 N | 35.56 2.50 -7.11 N | 31.08 2.80 0.00 N | 27.89 2.53 0.00 N | 33.93 3.14 0.00 N | 29.23 2.66 0.00 N | 31.00 2.83 0.00 N | 28.28 2.52 -0.20 N | 21.44 1.80 0.00 N | 33.61 2.76 0.00 N | 31.74 2.79 0.00 N | 30.86 2.53 0.00 N | 29.22 2.10 0.00 N | 25.50 1.77 0.00 N |
| DANSKAMMER___4 23591 | 43.68 1.37 -17.23 N | 46.02 0.47 -36.22 N | 24.56 1.13 -2.26 N | 29.05 0.68 -15.40 N | 32.42 1.19 -9.08 N | 32.86 1.77 0.00 N | 29.83 1.92 0.00 N | 37.98 2.37 0.00 N | 30.26 2.04 0.00 N | 37.76 2.89 0.00 N | 84.69 7.17 0.00 N | 35.56 2.50 -7.11 N | 31.08 2.80 0.00 N | 27.89 2.53 0.00 N | 33.93 3.14 0.00 N | 29.23 2.66 0.00 N | 31.00 2.83 0.00 N | 28.28 2.52 -0.20 N | 21.44 1.80 0.00 N | 33.61 2.76 0.00 N | 31.74 2.79 0.00 N | 30.86 2.53 0.00 N | 29.22 2.10 0.00 N | 25.50 1.77 0.00 N |
| DANSKAMMER___DIESEL 23592 | 43.68 1.37 -17.23 N | 46.02 0.47 -36.22 N | 24.56 1.13 -2.26 N | 29.05 0.68 -15.40 N | 32.42 1.19 -9.08 N | 32.86 1.77 0.00 N | 29.83 1.92 0.00 N | 37.98 2.37 0.00 N | 30.26 2.04 0.00 N | 37.76 2.89 0.00 N | 84.69 7.17 0.00 N | 35.56 2.50 -7.11 N | 31.08 2.80 0.00 N | 27.89 2.53 0.00 N | 33.93 3.14 0.00 N | 29.23 2.66 0.00 N | 31.00 2.83 0.00 N | 28.28 2.52 -0.20 N | 21.44 1.80 0.00 N | 33.61 2.76 0.00 N | 31.74 2.79 0.00 N | 30.86 2.53 0.00 N | 29.22 2.10 0.00 N | 25.50 1.77 0.00 N |
| DASHVILLE___HYD 23610 | 44.55 1.72 -17.76 N | 47.24 0.58 -37.32 N | 24.84 1.34 -2.33 N | 29.64 0.80 -15.87 N | 32.88 1.38 -9.36 N | 33.13 2.04 0.00 N | 30.16 2.25 0.00 N | 38.55 2.94 0.00 N | 30.65 2.43 0.00 N | 38.30 3.43 0.00 N | 86.32 8.79 0.00 N | 35.77 3.08 -6.74 N | 31.62 3.34 0.00 N | 28.31 2.95 0.00 N | 34.44 3.66 0.00 N | 29.74 3.18 0.00 N | 31.51 3.34 0.00 N | 28.74 2.97 -0.20 N | 21.78 2.14 0.00 N | 34.21 3.35 0.00 N | 32.33 3.38 0.00 N | 31.41 3.09 0.00 N | 29.70 2.58 0.00 N | 25.81 2.09 0.00 N |
| DELAWARE___LFGE 323621 | 32.97 0.62 -7.27 N | 24.85 0.23 -15.29 N | 22.70 0.57 -0.95 N | 19.82 0.35 -6.50 N | 26.56 0.58 -3.83 N | 31.97 0.87 0.00 N | 28.95 1.04 0.00 N | 36.98 1.37 0.00 N | 29.30 1.08 0.00 N | 36.39 1.53 0.00 N | 81.98 4.45 0.00 N | 29.90 1.30 -2.65 N | 29.70 1.42 0.00 N | 26.62 1.26 0.00 N | 32.33 1.54 0.00 N | 27.87 1.30 0.00 N | 29.56 1.39 0.00 N | 26.88 1.23 -0.08 N | 20.54 0.89 0.00 N | 32.21 1.36 0.00 N | 30.34 1.39 0.00 N | 29.55 1.23 0.00 N | 28.14 1.02 0.00 N | 24.55 0.83 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|---|
| DOGLEVILLE___HYD 23807 | 25.80 1.20 0.48 N | 8.77 0.46 1.02 N | 22.14 1.03 0.06 N | 13.16 0.62 0.43 N | 22.94 1.06 0.25 N | 32.65 1.55 0.00 N | 29.71 1.81 0.00 N | 38.03 2.43 0.00 N | 30.09 1.86 0.00 N | 37.36 2.50 0.00 N | 84.03 6.51 0.00 N | 27.95 2.16 0.16 N | 30.74 2.46 0.00 N | 27.57 2.21 0.00 N | 33.60 2.81 0.00 N | 29.09 2.52 0.00 N | 30.84 2.67 0.00 N | 28.00 2.44 0.00 N | 21.41 1.77 0.00 N | 33.56 2.71 0.00 N | 31.69 2.74 0.00 N | 30.72 2.40 0.00 N | 29.18 2.06 0.00 N | 25.41 1.68 0.00 N | |
| DUNKIRK___1 23563 | 26.90 -1.01 -2.83 N | 15.02 -0.26 -5.95 N | 20.98 -0.57 -0.37 N | 15.17 -0.33 -2.53 N | 22.73 -0.90 -1.49 N | 29.86 -1.23 0.00 N | 26.86 -1.05 0.00 N | 34.03 -1.58 0.00 N | 26.80 -1.42 0.00 N | 34.00 -0.87 0.00 N | 79.90 2.37 0.00 N | 26.35 -0.55 -0.96 N | 27.71 -0.57 0.00 N | 24.83 -0.53 0.00 N | 30.01 -0.77 0.00 N | 26.00 -0.57 0.00 N | 27.57 -0.61 0.00 N | 24.90 -0.70 -0.03 N | 19.15 -0.49 0.00 N | 30.03 -0.82 0.00 N | 28.25 -0.70 0.00 N | 27.33 -0.99 0.00 N | 26.10 -1.01 0.00 N | 23.09 -0.64 0.00 N | |
| DUNKIRK___2 23564 | 26.90 -1.01 -2.83 N | 15.02 -0.26 -5.95 N | 20.98 -0.57 -0.37 N | 15.17 -0.33 -2.53 N | 22.73 -0.90 -1.49 N | 29.86 -1.23 0.00 N | 26.86 -1.05 0.00 N | 34.03 -1.58 0.00 N | 26.80 -1.42 0.00 N | 34.00 -0.87 0.00 N | 79.90 2.37 0.00 N | 26.35 -0.55 -0.96 N | 27.71 -0.57 0.00 N | 24.83 -0.53 0.00 N | 30.01 -0.77 0.00 N | 26.00 -0.57 0.00 N | 27.57 -0.61 0.00 N | 24.90 -0.70 -0.03 N | 19.15 -0.49 0.00 N | 30.03 -0.82 0.00 N | 28.25 -0.70 0.00 N | 27.33 -0.99 0.00 N | 26.10 -1.01 0.00 N | 23.09 -0.64 0.00 N | |
| DUNKIRK___3 23565 | 26.96 -0.96 -2.84 N | 15.07 -0.23 -5.97 N | 21.03 -0.51 -0.37 N | 15.21 -0.29 -2.54 N | 22.79 -0.84 -1.50 N | 29.86 -1.23 0.00 N | 26.83 -1.08 0.00 N | 34.03 -1.57 0.00 N | 26.80 -1.43 0.00 N | 33.90 -0.96 0.00 N | 79.40 1.87 0.00 N | 26.40 -0.54 -0.99 N | 27.72 -0.56 0.00 N | 24.85 -0.51 0.00 N | 30.04 -0.75 0.00 N | 26.03 -0.54 0.00 N | 27.61 -0.57 0.00 N | 24.97 -0.63 -0.03 N | 19.20 -0.44 0.00 N | 30.10 -0.75 0.00 N | 28.31 -0.64 0.00 N | 27.40 -0.91 0.00 N | 26.17 -0.94 0.00 N | 23.16 -0.57 0.00 N | |
| DUNKIRK___4 23566 | 26.96 -0.96 -2.84 N | 15.07 -0.23 -5.97 N | 21.03 -0.51 -0.37 N | 15.21 -0.29 -2.54 N | 22.79 -0.84 -1.50 N | 29.86 -1.23 0.00 N | 26.83 -1.08 0.00 N | 34.03 -1.57 0.00 N | 26.80 -1.43 0.00 N | 33.90 -0.96 0.00 N | 79.40 1.87 0.00 N | 26.40 -0.54 -0.99 N | 27.72 -0.56 0.00 N | 24.85 -0.51 0.00 N | 30.04 -0.75 0.00 N | 26.03 -0.54 0.00 N | 27.61 -0.57 0.00 N | 24.97 -0.63 -0.03 N | 19.20 -0.44 0.00 N | 30.10 -0.75 0.00 N | 28.31 -0.64 0.00 N | 27.40 -0.91 0.00 N | 26.17 -0.94 0.00 N | 23.16 -0.57 0.00 N | |
| EAST HAMPTON___GT 23717 | 45.38 3.53 -16.77 N | 45.73 1.15 -35.25 N | 26.39 3.02 -2.20 N | 29.75 1.79 -14.99 N | 34.25 3.27 -8.84 N | 35.76 4.67 0.00 N | 32.52 4.92 0.31 N | 38.59 6.23 3.25 N | 39.87 5.14 -6.50 N | 54.93 6.91 -13.15 N | 93.34 15.82 0.00 N | 47.92 5.51 -16.46 N | 52.30 5.91 -18.10 N | 51.78 5.30 -21.12 N | 52.07 6.44 -14.84 N | 52.25 5.37 -20.31 N | 53.66 5.79 -19.69 N | 55.05 5.20 -24.28 N | 53.65 3.85 -30.16 N | 54.37 6.19 -17.32 N | 60.56 6.10 -25.50 N | 69.66 5.57 -35.77 N | 35.50 4.85 -3.54 N | 29.15 4.15 -1.26 N | |
| EAST RIVER___6 23660 | 43.66 1.81 -16.77 N | 45.19 0.61 -35.24 N | 24.74 1.37 -2.20 N | 28.76 0.81 -14.99 N | 32.43 1.45 -8.84 N | 33.23 2.14 0.00 N | 30.25 2.34 0.00 N | 38.87 3.27 0.00 N | 31.05 2.82 0.00 N | 38.82 3.96 0.00 N | 87.42 9.89 0.00 N | 36.68 3.40 -7.33 N | 32.02 3.74 0.00 N | 28.75 3.39 0.00 N | 35.02 4.19 -0.04 N | 30.09 3.52 0.00 N | 31.92 3.75 0.00 N | 29.08 3.32 -0.19 N | 22.02 2.37 0.00 N | 34.43 3.58 0.00 N | 32.50 3.55 0.00 N | 31.55 3.23 0.00 N | 29.83 2.71 0.00 N | 25.93 2.20 0.00 N | |
| EAST RIVER___7 23524 | 43.66 1.81 -16.77 N | 45.19 0.61 -35.24 N | 24.74 1.37 -2.20 N | 28.76 0.81 -14.99 N | 32.43 1.45 -8.84 N | 33.23 2.14 0.00 N | 30.25 2.34 0.00 N | 38.87 3.27 0.00 N | 31.05 2.82 0.00 N | 38.82 3.96 0.00 N | 87.42 9.89 0.00 N | 36.68 3.40 -7.33 N | 32.02 3.74 0.00 N | 28.75 3.39 0.00 N | 35.02 4.19 -0.04 N | 30.09 3.52 0.00 N | 31.92 3.75 0.00 N | 29.08 3.32 -0.19 N | 22.02 2.37 0.00 N | 34.43 3.58 0.00 N | 32.50 3.55 0.00 N | 31.55 3.23 0.00 N | 29.83 2.71 0.00 N | 25.93 2.20 0.00 N | |
| EAST_HAMPTON___DIESEL 23722 | 45.38 3.53 -16.77 N | 45.73 1.15 -35.25 N | 26.39 3.02 -2.20 N | 29.75 1.79 -14.99 N | 34.25 3.27 -8.84 N | 35.76 4.67 0.00 N | 32.52 4.92 0.31 N | 38.59 6.23 3.25 N | 39.87 5.14 -6.50 N | 54.93 6.91 -13.15 N | 93.34 15.82 0.00 N | 47.92 5.51 -16.46 N | 52.30 5.91 -18.10 N | 51.78 5.30 -21.12 N | 52.07 6.44 -14.84 N | 52.25 5.37 -20.31 N | 53.66 5.79 -19.69 N | 55.05 5.20 -24.28 N | 53.65 3.85 -30.16 N | 54.37 6.19 -17.32 N | 60.56 6.10 -25.50 N | 69.66 5.57 -35.77 N | 35.50 4.85 -3.54 N | 29.15 4.15 -1.26 N | |
| EAST_RIVER___1 323558 | 43.58 1.73 -16.77 N | 45.17 0.60 -35.24 N | 24.74 1.37 -2.20 N | 28.77 0.81 -14.99 N | 32.44 1.46 -8.84 N | 33.25 2.16 0.00 N | 30.22 2.31 0.00 N | 38.68 3.08 0.00 N | 30.85 2.63 0.00 N | 38.57 3.70 0.00 N | 86.87 9.35 0.00 N | 36.46 3.18 -7.33 N | 31.77 3.49 0.00 N | 28.52 3.16 0.00 N | 34.74 3.91 -0.04 N | 29.86 3.29 0.00 N | 31.68 3.50 0.00 N | 28.86 3.10 -0.19 N | 21.86 2.22 0.00 N | 34.21 3.35 0.00 N | 32.30 3.35 0.00 N | 31.38 3.07 0.00 N | 29.70 2.58 0.00 N | 25.84 2.11 0.00 N | |
| EAST_RIVER___2 323559 | 43.66 1.81 -16.77 N | 45.19 0.61 -35.24 N | 24.74 1.37 -2.20 N | 28.76 0.81 -14.99 N | 32.43 1.45 -8.84 N | 33.23 2.14 0.00 N | 30.25 2.34 0.00 N | 38.87 3.27 0.00 N | 31.05 2.82 0.00 N | 38.82 3.96 0.00 N | 87.42 9.89 0.00 N | 36.68 3.40 -7.33 N | 32.02 3.74 0.00 N | 28.75 3.39 0.00 N | 35.02 4.19 -0.04 N | 30.09 3.52 0.00 N | 31.92 3.75 0.00 N | 29.08 3.32 -0.19 N | 22.02 2.37 0.00 N | 34.43 3.58 0.00 N | 32.50 3.55 0.00 N | 31.55 3.23 0.00 N | 29.83 2.71 0.00 N | 25.93 2.20 0.00 N | |
| EAST___DELAWARE_HYD 23607 | 40.59 0.82 -14.69 N | 40.56 0.35 -30.88 N | 23.88 0.78 -1.93 N | 26.57 0.47 -13.13 N | 30.75 0.87 -7.74 N | 32.40 1.31 0.00 N | 29.36 1.45 0.00 N | 37.48 1.88 0.00 N | 29.12 0.89 0.00 N | 36.46 1.59 0.00 N | 82.49 4.96 0.00 N | 32.96 1.12 -5.90 N | 29.51 1.22 0.00 N | 26.62 1.26 0.00 N | 32.44 1.66 0.00 N | 27.76 1.19 0.00 N | 29.47 1.30 0.00 N | 26.99 1.25 -0.17 N | 20.65 1.01 0.00 N | 32.15 1.30 0.00 N | 30.35 1.40 0.00 N | 29.63 1.32 0.00 N | 28.18 1.06 0.00 N | 24.39 0.66 0.00 N | |
| ELEC_TRO_TEK 24086 | 43.47 1.62 -16.77 N | 45.12 0.54 -35.25 N | 24.66 1.29 -2.20 N | 28.72 0.76 -14.99 N | 32.38 1.40 -8.84 N | 33.17 2.08 0.00 N | 30.51 2.41 -0.20 N | 40.80 3.14 -2.05 N | 38.40 2.63 -7.54 N | 51.86 3.67 -13.32 N | 85.95 8.42 0.00 N | 45.79 3.15 -16.69 N | 49.85 3.45 -18.12 N | 49.70 3.12 -21.22 N | 49.61 3.88 -14.94 N | 50.16 3.27 -20.32 N | 51.36 3.49 -19.69 N | 52.96 3.10 -24.28 N | 52.03 2.23 -30.16 N | 51.60 3.43 -17.32 N | 57.85 3.39 -25.50 N | 67.30 3.21 -35.77 N | 33.42 2.76 -3.54 N | 27.25 2.26 -1.26 N | |
| ELLENBURG_WT_PWR | 19.22 | 5.38 | 16.21 | 9.20 | -66.53 | 25.67 | 26.49 | 33.60 | 26.52 | 32.76 | 71.98 | 24.24 | 26.32 | 23.42 | 28.37 | 24.59 | 26.14 | 23.66 | 18.26 | 28.91 | 27.07 | 26.53 | 25.56 | 22.61 | |

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| 323604 | -4.98 0.88 N | -2.10 1.86 N | -4.85 0.12 N | -2.97 0.79 N | -4.62 84.06 N | -5.42 0.00 N | -1.42 0.00 N | -2.01 0.00 N | -1.71 0.00 N | -2.11 0.00 N | -5.55 0.00 N | -1.71 0.00 N | -1.96 0.00 N | -1.94 0.00 N | -2.42 0.00 N | -1.98 0.00 N | -2.04 0.00 N | -1.91 0.00 N | -1.38 0.00 N | -1.94 0.00 N | -1.88 0.00 N | -1.79 0.00 N | -1.56 0.00 N | -1.12 0.00 N |
| E_CANADA_CAP_HY 24051 | 52.54 -0.31 -27.77 N | 67.58 -0.14 -58.38 N | 24.53 -0.28 -3.64 N | 37.62 -0.18 -24.83 N | 36.62 -0.16 -14.64 N | 30.97 -0.12 0.00 N | 28.15 0.24 0.00 N | 36.04 0.44 0.00 N | 28.56 0.34 0.00 N | 35.41 0.54 0.00 N | 78.98 1.45 0.00 N | 36.08 0.29 -9.84 N | 28.51 0.22 0.00 N | 25.54 0.18 0.00 N | 31.20 0.42 0.00 N | 27.03 0.47 0.00 N | 28.86 0.69 0.00 N | 26.46 0.58 -0.31 N | 20.10 0.46 0.00 N | 31.60 0.75 0.00 N | 29.67 0.72 0.00 N | 29.04 0.72 0.00 N | 27.61 0.49 0.00 N | 24.06 0.33 0.00 N |
| E_CANADA_MHWK_HY 24050 | 25.80 1.20 0.48 N | 8.77 0.46 1.02 N | 22.14 1.03 0.06 N | 13.16 0.62 0.43 N | 22.94 1.06 0.25 N | 32.65 1.55 0.00 N | 29.71 1.81 0.00 N | 38.03 2.43 0.00 N | 30.09 1.86 0.00 N | 37.36 2.50 0.00 N | 84.03 6.51 0.00 N | 27.95 2.16 0.16 N | 30.74 2.46 0.00 N | 27.57 2.21 0.00 N | 33.60 2.81 0.00 N | 29.09 2.52 0.00 N | 30.84 2.67 0.00 N | 28.00 2.44 0.00 N | 21.41 1.77 0.00 N | 33.56 2.71 0.00 N | 31.69 2.74 0.00 N | 30.72 2.40 0.00 N | 29.18 2.06 0.00 N | 25.41 1.68 0.00 N |
| E_FISHKILL___LBMP 23776 | 43.47 1.39 -17.00 N | 45.56 0.49 -35.74 N | 24.52 1.12 -2.23 N | 28.83 0.67 -15.20 N | 32.28 1.18 -8.96 N | 32.82 1.73 0.00 N | 29.78 1.87 0.00 N | 38.04 2.44 0.00 N | 30.25 2.02 0.00 N | 37.73 2.86 0.00 N | 84.80 7.28 0.00 N | 35.92 2.52 -7.45 N | 31.04 2.76 0.00 N | 27.85 2.49 0.00 N | 33.89 3.10 0.00 N | 29.19 2.62 0.00 N | 30.96 2.79 0.00 N | 28.26 2.49 -0.19 N | 21.42 1.78 0.00 N | 33.57 2.72 0.00 N | 31.69 2.73 0.00 N | 30.80 2.48 0.00 N | 29.21 2.09 0.00 N | 25.46 1.73 0.00 N |
| FAR ROCKAWAY___4 23548 | 44.04 2.19 -16.77 N | 45.35 0.77 -35.25 N | 25.18 1.81 -2.20 N | 29.03 1.07 -14.99 N | 32.94 1.95 -8.84 N | 33.98 2.89 0.00 N | 35.35 3.22 -4.23 N | 83.92 4.19 -44.12 N | 47.51 3.46 -15.83 N | 54.27 4.71 -14.69 N | 88.22 10.70 0.00 N | 48.36 3.92 -18.50 N | 50.86 4.29 -18.28 N | 51.25 3.87 -22.02 N | 51.36 4.80 -15.77 N | 51.06 4.03 -20.46 N | 52.14 4.27 -19.69 N | 53.66 3.81 -24.28 N | 52.58 2.78 -30.16 N | 52.48 4.31 -17.32 N | 58.72 4.26 -25.50 N | 68.15 4.06 -35.77 N | 34.17 3.51 -3.54 N | 27.86 2.88 -1.26 N |
| FARRAGUT___LBMP 323566 | 43.54 1.69 -16.77 N | 45.17 0.59 -35.24 N | 24.72 1.35 -2.20 N | 28.75 0.80 -14.99 N | 32.41 1.44 -8.84 N | 33.21 2.12 0.00 N | 30.17 2.26 0.00 N | 38.61 3.01 0.00 N | 30.79 2.56 0.00 N | 38.49 3.62 0.00 N | 86.66 9.14 0.00 N | 36.39 3.11 -7.33 N | 31.70 3.42 0.00 N | 28.45 3.09 0.00 N | 34.67 3.83 -0.05 N | 29.79 3.22 0.00 N | 31.60 3.42 0.00 N | 28.80 3.04 -0.19 N | 21.81 2.17 0.00 N | 34.13 3.28 0.00 N | 32.24 3.28 0.00 N | 31.32 3.00 0.00 N | 29.64 2.53 0.00 N | 25.80 2.07 0.00 N |
| FENNER___WINDPWR 24204 | 26.20 0.34 -0.78 N | 11.10 0.12 -1.64 N | 21.55 0.27 -0.10 N | 13.84 0.18 -0.70 N | 22.84 0.29 -0.41 N | 31.61 0.52 0.00 N | 28.76 0.85 0.00 N | 36.82 1.21 0.00 N | 29.19 0.96 0.00 N | 36.18 1.31 0.00 N | 81.46 3.94 0.00 N | 27.32 1.08 -0.30 N | 29.47 1.19 0.00 N | 26.46 1.10 0.00 N | 32.01 1.22 0.00 N | 27.63 1.06 0.00 N | 29.24 1.06 0.00 N | 26.53 0.95 -0.01 N | 20.36 0.72 0.00 N | 31.90 1.04 0.00 N | 30.02 1.06 0.00 N | 29.29 0.98 0.00 N | 27.93 0.81 0.00 N | 24.35 0.62 0.00 N |
| FIBERTEK___ENERGY 23856 | 26.64 -0.06 -1.62 N | 12.72 -0.01 -3.40 N | 21.35 -0.03 -0.21 N | 14.40 -0.01 -1.45 N | 22.91 -0.08 -0.85 N | 31.05 -0.04 0.00 N | 28.06 0.15 0.00 N | 35.83 0.22 0.00 N | 28.31 0.09 0.00 N | 35.16 0.30 0.00 N | 79.00 1.47 0.00 N | 26.83 0.30 -0.58 N | 28.59 0.31 0.00 N | 25.65 0.29 0.00 N | 31.01 0.22 0.00 N | 26.79 0.22 0.00 N | 28.38 0.21 0.00 N | 25.72 0.14 -0.02 N | 19.71 0.07 0.00 N | 30.92 0.06 0.00 N | 29.15 0.20 0.00 N | 28.47 0.15 0.00 N | 27.25 0.13 0.00 N | 23.80 0.07 0.00 N |
| FITZPATRICK____ 23598 | 25.35 -0.72 -0.99 N | 11.16 -0.25 -2.08 N | 20.72 -0.59 -0.13 N | 13.50 -0.35 -0.88 N | 22.01 -0.65 -0.52 N | 30.20 -0.89 0.00 N | 27.13 -0.77 0.00 N | 34.62 -0.98 0.00 N | 27.43 -0.80 0.00 N | 33.94 -0.92 0.00 N | 75.86 -1.67 0.00 N | 25.70 -0.59 -0.34 N | 27.62 -0.66 0.00 N | 24.79 -0.57 0.00 N | 30.05 -0.74 0.00 N | 25.95 -0.61 0.00 N | 27.51 -0.67 0.00 N | 24.95 -0.63 -0.01 N | 19.14 -0.50 0.00 N | 30.03 -0.82 0.00 N | 28.21 -0.75 0.00 N | 27.55 -0.76 0.00 N | 26.46 -0.66 0.00 N | 23.16 -0.56 0.00 N |
| FORT ORANGE____ 23900 | 47.62 1.28 -21.27 N | 54.51 0.47 -44.71 N | 25.01 1.05 -2.79 N | 32.61 0.63 -19.01 N | 34.43 1.08 -11.21 N | 32.64 1.54 0.00 N | 29.58 1.67 0.00 N | 37.60 1.99 0.00 N | 29.76 1.53 0.00 N | 36.97 2.10 0.00 N | 82.89 5.36 0.00 N | 35.47 1.88 -7.64 N | 30.43 2.15 0.00 N | 27.41 2.05 0.00 N | 33.34 2.55 0.00 N | 28.77 2.21 0.00 N | 30.42 2.24 0.00 N | 27.81 1.99 -0.24 N | 21.07 1.43 0.00 N | 33.04 2.19 0.00 N | 31.13 2.18 0.00 N | 30.22 1.90 0.00 N | 28.89 1.78 0.00 N | 25.22 1.50 0.00 N |
| FORT_DRUM_COGEN 23780 | 24.30 -1.23 -0.45 N | 9.74 -0.53 -0.94 N | 20.03 -1.20 -0.06 N | 12.64 -0.72 -0.40 N | 21.38 -0.99 -0.23 N | 30.21 -0.88 0.00 N | 28.19 0.28 0.00 N | 36.21 0.61 0.00 N | 28.73 0.51 0.00 N | 35.50 0.63 0.00 N | 79.65 2.12 0.00 N | 26.66 0.47 -0.24 N | 28.57 0.29 0.00 N | 25.54 0.18 0.00 N | 30.90 0.11 0.00 N | 26.71 0.14 0.00 N | 28.24 0.07 0.00 N | 25.62 0.04 -0.01 N | 19.67 0.03 0.00 N | 30.87 0.02 0.00 N | 29.14 0.19 0.00 N | 28.48 0.16 0.00 N | 26.99 -0.12 0.00 N | 23.40 -0.33 0.00 N |
| FPL_FAR_ROCK_GT1 24212 | 44.04 2.19 -16.77 N | 45.35 0.77 -35.25 N | 25.18 1.81 -2.20 N | 29.03 1.07 -14.99 N | 32.94 1.95 -8.84 N | 33.98 2.89 0.00 N | 35.35 3.22 -4.23 N | 83.92 4.19 -44.12 N | 47.51 3.46 -15.83 N | 54.27 4.71 -14.69 N | 88.22 10.70 0.00 N | 48.36 3.92 -18.50 N | 50.86 4.29 -18.28 N | 51.25 3.87 -22.02 N | 51.36 4.80 -15.77 N | 51.06 4.03 -20.46 N | 52.14 4.27 -19.69 N | 53.66 3.81 -24.28 N | 52.58 2.78 -30.16 N | 52.48 4.31 -17.32 N | 58.72 4.26 -25.50 N | 68.15 4.06 -35.77 N | 34.17 3.51 -3.54 N | 27.86 2.88 -1.26 N |
| FPL_FAR_ROCK_GT2 23815 | 44.04 2.19 -16.77 N | 45.35 0.77 -35.25 N | 25.18 1.81 -2.20 N | 29.03 1.07 -14.99 N | 32.94 1.95 -8.84 N | 33.98 2.89 0.00 N | 35.35 3.22 -4.23 N | 83.92 4.19 -44.12 N | 47.51 3.46 -15.83 N | 54.27 4.71 -14.69 N | 88.22 10.70 0.00 N | 48.36 3.92 -18.50 N | 50.86 4.29 -18.28 N | 51.25 3.87 -22.02 N | 51.36 4.80 -15.77 N | 51.06 4.03 -20.46 N | 52.14 4.27 -19.69 N | 53.66 3.81 -24.28 N | 52.58 2.78 -30.16 N | 52.48 4.31 -17.32 N | 58.72 4.26 -25.50 N | 68.15 4.06 -35.77 N | 34.17 3.51 -3.54 N | 27.86 2.88 -1.26 N |
| FRANKLIN_FALL_HYD 24054 | 19.59 -4.71 0.78 N | 5.67 -2.02 1.65 N | 16.43 -4.65 0.10 N | 9.43 -2.84 0.70 N | -66.20 -4.34 84.00 N | 26.12 -4.97 0.00 N | 26.76 -1.15 0.00 N | 34.03 -1.57 0.00 N | 26.87 -1.35 0.00 N | 33.16 -1.71 0.00 N | 73.03 -4.50 0.00 N | 24.50 -1.45 0.00 N | 26.61 -1.68 0.00 N | 23.73 -1.63 0.00 N | 28.77 -2.02 0.00 N | 24.87 -1.70 0.00 N | 26.41 -1.77 0.00 N | 23.94 -1.63 0.00 N | 18.48 -1.17 0.00 N | 29.20 -1.65 0.00 N | 27.36 -1.60 0.00 N | 26.87 -1.45 0.00 N | 25.80 -1.31 0.00 N | 22.68 -1.05 0.00 N |

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| FREEPORT_EQUS_GT1 23764 | 43.73 1.89 -16.77 N | 45.22 0.64 -35.25 N | 24.93 1.55 -2.20 N | 28.87 0.91 -14.99 N | 32.66 1.68 -8.84 N | 33.59 2.50 0.00 N | 31.44 2.83 -0.70 N | 46.56 3.69 -7.26 N | 39.86 3.06 -8.57 N | 52.56 4.20 -13.49 N | 87.07 9.54 0.00 N | 46.35 3.49 -16.91 N | 50.24 3.82 -18.14 N | 50.12 3.44 -21.32 N | 50.10 4.26 -15.05 N | 50.49 3.58 -20.34 N | 51.57 3.70 -19.69 N | 53.16 3.31 -24.28 N | 52.20 2.39 -30.16 N | 51.88 3.71 -17.32 N | 58.13 3.67 -25.50 N | 67.60 3.51 -35.77 N | 33.80 3.14 -3.54 N | 27.57 2.58 -1.26 N |
| FULTON COGEN____ 23766 | 26.23 -0.10 -1.25 N | 11.92 -0.05 -2.63 N | 21.22 -0.12 -0.16 N | 14.02 -0.06 -1.12 N | 22.64 -0.16 -0.66 N | 31.01 -0.08 0.00 N | 28.12 0.21 0.00 N | 36.00 0.39 0.00 N | 28.52 0.30 0.00 N | 35.32 0.45 0.00 N | 79.29 1.76 0.00 N | 26.80 0.39 -0.46 N | 28.69 0.41 0.00 N | 25.75 0.39 0.00 N | 31.17 0.38 0.00 N | 26.89 0.33 0.00 N | 28.50 0.33 0.00 N | 25.85 0.26 -0.02 N | 19.82 0.18 0.00 N | 31.10 0.25 0.00 N | 29.28 0.33 0.00 N | 28.60 0.28 0.00 N | 27.32 0.21 0.00 N | 23.82 0.09 0.00 N |
| Freeport____CT2 23818 | 43.73 1.89 -16.77 N | 45.22 0.64 -35.25 N | 24.93 1.55 -2.20 N | 28.87 0.91 -14.99 N | 32.66 1.68 -8.84 N | 33.59 2.50 0.00 N | 31.44 2.83 -0.70 N | 46.56 3.69 -7.26 N | 39.86 3.06 -8.57 N | 52.56 4.20 -13.49 N | 87.07 9.54 0.00 N | 46.35 3.49 -16.91 N | 50.24 3.82 -18.14 N | 50.12 3.44 -21.32 N | 50.10 4.26 -15.05 N | 50.49 3.58 -20.34 N | 51.57 3.70 -19.69 N | 53.16 3.31 -24.28 N | 52.20 2.39 -30.16 N | 51.88 3.71 -17.32 N | 58.13 3.67 -25.50 N | 67.60 3.51 -35.77 N | 33.80 3.14 -3.54 N | 27.57 2.58 -1.26 N |
| G.F.CEMENT____DRP 24184 | 48.01 1.16 -21.77 N | 55.53 0.43 -45.78 N | 24.87 0.85 -2.85 N | 32.92 0.49 -19.47 N | 34.53 0.91 -11.48 N | 32.31 1.22 0.00 N | 29.50 1.59 0.00 N | 37.59 1.98 0.00 N | 29.59 1.37 0.00 N | 36.74 1.87 0.00 N | 82.15 4.63 0.00 N | 35.61 1.81 -7.85 N | 30.28 1.99 0.00 N | 27.21 1.85 0.00 N | 33.14 2.35 0.00 N | 28.59 2.02 0.00 N | 30.31 2.14 0.00 N | 27.83 2.01 -0.25 N | 21.09 1.45 0.00 N | 33.14 2.29 0.00 N | 31.18 2.23 0.00 N | 30.19 1.87 0.00 N | 28.72 1.61 0.00 N | 25.05 1.32 0.00 N |
| GARDENVILLE____LBMP 24039 | 26.28 -1.26 -2.47 N | 14.17 -0.34 -5.18 N | 20.65 -0.84 -0.32 N | 14.70 -0.47 -2.20 N | 22.22 -1.21 -1.30 N | 29.44 -1.65 0.00 N | 26.32 -1.59 0.00 N | 33.45 -2.16 0.00 N | 26.37 -1.86 0.00 N | 33.15 -1.72 0.00 N | 76.42 -1.10 0.00 N | 25.93 -0.88 -0.86 N | 27.33 -0.95 0.00 N | 24.56 -0.80 0.00 N | 29.63 -1.16 0.00 N | 25.74 -0.83 0.00 N | 27.34 -0.84 0.00 N | 24.81 -0.79 -0.03 N | 19.05 -0.59 0.00 N | 29.82 -1.03 0.00 N | 27.96 -1.00 0.00 N | 27.19 -1.13 0.00 N | 25.99 -1.13 0.00 N | 23.05 -0.68 0.00 N |
| GENERAL____MILLS 23808 | 26.29 -1.26 -2.46 N | 14.17 -0.34 -5.18 N | 20.64 -0.85 -0.32 N | 14.69 -0.48 -2.20 N | 22.20 -1.23 -1.30 N | 29.45 -1.64 0.00 N | 26.33 -1.58 0.00 N | 33.46 -2.14 0.00 N | 26.39 -1.84 0.00 N | 33.16 -1.71 0.00 N | 76.41 -1.11 0.00 N | 25.96 -0.84 -0.85 N | 27.36 -0.92 0.00 N | 24.59 -0.77 0.00 N | 29.66 -1.14 0.00 N | 25.77 -0.80 0.00 N | 27.37 -0.81 0.00 N | 24.84 -0.75 -0.03 N | 19.08 -0.56 0.00 N | 29.85 -1.00 0.00 N | 27.98 -0.97 0.00 N | 27.22 -1.10 0.00 N | 26.03 -1.09 0.00 N | 23.08 -0.64 0.00 N |
| GE_PLASTICS____DRP 24183 | 47.16 0.62 -21.46 N | 54.73 0.28 -45.12 N | 24.64 0.66 -2.81 N | 32.56 0.40 -19.19 N | 34.11 0.66 -11.31 N | 32.04 0.94 0.00 N | 28.97 1.06 0.00 N | 36.89 1.29 0.00 N | 29.21 0.98 0.00 N | 36.24 1.37 0.00 N | 81.08 3.55 0.00 N | 34.58 1.09 -7.54 N | 29.43 1.15 0.00 N | 26.25 0.89 0.00 N | 31.92 1.13 0.00 N | 27.54 0.98 0.00 N | 29.27 1.10 0.00 N | 26.85 1.03 -0.25 N | 20.34 0.70 0.00 N | 31.86 1.00 0.00 N | 29.98 1.03 0.00 N | 29.17 0.85 0.00 N | 27.88 0.76 0.00 N | 24.45 0.73 0.00 N |
| GILBOA____1 23756 | 42.52 0.72 -16.72 N | 44.75 0.27 -35.15 N | 24.04 0.67 -2.19 N | 28.33 0.42 -14.95 N | 31.57 0.61 -8.81 N | 31.99 0.90 0.00 N | 28.94 1.03 0.00 N | 36.90 1.30 0.00 N | 29.25 1.02 0.00 N | 36.30 1.43 0.00 N | 81.52 3.99 0.00 N | 32.94 1.34 -5.65 N | 29.75 1.47 0.00 N | 26.67 1.31 0.00 N | 32.42 1.63 0.00 N | 27.96 1.40 0.00 N | 29.66 1.49 0.00 N | 27.11 1.35 -0.19 N | 20.60 0.96 0.00 N | 32.32 1.47 0.00 N | 30.43 1.48 0.00 N | 29.61 1.29 0.00 N | 28.23 1.11 0.00 N | 24.66 0.93 0.00 N |
| GILBOA____2 23757 | 42.52 0.72 -16.72 N | 44.75 0.27 -35.15 N | 24.04 0.67 -2.19 N | 28.33 0.42 -14.95 N | 31.57 0.61 -8.81 N | 31.99 0.90 0.00 N | 28.94 1.03 0.00 N | 36.90 1.30 0.00 N | 29.25 1.02 0.00 N | 36.30 1.43 0.00 N | 81.52 3.99 0.00 N | 32.94 1.34 -5.65 N | 29.75 1.47 0.00 N | 26.67 1.31 0.00 N | 32.42 1.63 0.00 N | 27.96 1.40 0.00 N | 29.66 1.49 0.00 N | 27.11 1.35 -0.19 N | 20.60 0.96 0.00 N | 32.32 1.47 0.00 N | 30.43 1.48 0.00 N | 29.61 1.29 0.00 N | 28.23 1.11 0.00 N | 24.66 0.93 0.00 N |
| GILBOA____3 23758 | 42.52 0.72 -16.72 N | 44.75 0.27 -35.15 N | 24.04 0.67 -2.19 N | 28.33 0.42 -14.95 N | 31.57 0.61 -8.81 N | 31.99 0.90 0.00 N | 28.94 1.03 0.00 N | 36.90 1.30 0.00 N | 29.25 1.02 0.00 N | 36.30 1.43 0.00 N | 81.52 3.99 0.00 N | 32.94 1.34 -5.65 N | 29.75 1.47 0.00 N | 26.67 1.31 0.00 N | 32.42 1.63 0.00 N | 27.96 1.40 0.00 N | 29.66 1.49 0.00 N | 27.11 1.35 -0.19 N | 20.60 0.96 0.00 N | 32.32 1.47 0.00 N | 30.43 1.48 0.00 N | 29.61 1.29 0.00 N | 28.23 1.11 0.00 N | 24.66 0.93 0.00 N |
| GILBOA____4 23759 | 42.52 0.72 -16.72 N | 44.75 0.27 -35.15 N | 24.04 0.67 -2.19 N | 28.33 0.42 -14.95 N | 31.57 0.61 -8.81 N | 31.99 0.90 0.00 N | 28.94 1.03 0.00 N | 36.90 1.30 0.00 N | 29.25 1.02 0.00 N | 36.30 1.43 0.00 N | 81.52 3.99 0.00 N | 32.94 1.34 -5.65 N | 29.75 1.47 0.00 N | 26.67 1.31 0.00 N | 32.42 1.63 0.00 N | 27.96 1.40 0.00 N | 29.66 1.49 0.00 N | 27.11 1.35 -0.19 N | 20.60 0.96 0.00 N | 32.32 1.47 0.00 N | 30.43 1.48 0.00 N | 29.61 1.29 0.00 N | 28.23 1.11 0.00 N | 24.66 0.93 0.00 N |
| GILBOA____ 23599 | 42.52 0.72 -16.72 N | 44.75 0.27 -35.15 N | 24.04 0.67 -2.19 N | 28.33 0.42 -14.95 N | 31.57 0.61 -8.81 N | 31.99 0.90 0.00 N | 28.94 1.03 0.00 N | 36.90 1.30 0.00 N | 29.25 1.02 0.00 N | 36.30 1.43 0.00 N | 81.52 3.99 0.00 N | 32.94 1.34 -5.65 N | 29.75 1.47 0.00 N | 26.67 1.31 0.00 N | 32.42 1.63 0.00 N | 27.96 1.40 0.00 N | 29.66 1.49 0.00 N | 27.11 1.35 -0.19 N | 20.60 0.96 0.00 N | 32.32 1.47 0.00 N | 30.43 1.48 0.00 N | 29.61 1.29 0.00 N | 28.23 1.11 0.00 N | 24.66 0.93 0.00 N |
| GINNA____ 23603 | 25.99 -0.91 -1.83 N | 12.91 -0.27 -3.84 N | 20.74 -0.68 -0.24 N | 14.22 -0.38 -1.64 N | 22.27 -0.84 -0.96 N | 30.03 -1.06 0.00 N | 27.05 -0.86 0.00 N | 34.53 -1.07 0.00 N | 27.33 -0.89 0.00 N | 34.03 -0.84 0.00 N | 77.03 -0.50 0.00 N | 26.25 -0.34 -0.65 N | 27.92 -0.36 0.00 N | 25.16 -0.20 0.00 N | 30.38 -0.41 0.00 N | 26.33 -0.23 0.00 N | 27.90 -0.27 0.00 N | 25.32 -0.27 -0.02 N | 19.40 -0.24 0.00 N | 30.35 -0.50 0.00 N | 28.48 -0.48 0.00 N | 27.80 -0.52 0.00 N | 26.53 -0.59 0.00 N | 23.26 -0.47 0.00 N |
| GLEN PARK____ 23778 | 24.53 -1.09 -0.54 N | 9.99 -0.47 -1.13 N | 20.15 -1.09 -0.07 N | 12.79 -0.66 -0.48 N | 21.52 -0.90 -0.28 N | 30.31 -0.78 0.00 N | 28.23 0.32 0.00 N | 36.31 0.71 0.00 N | 28.82 0.59 0.00 N | 35.62 0.75 0.00 N | 79.93 2.40 0.00 N | 26.77 0.56 -0.26 N | 28.69 0.41 0.00 N | 25.66 0.30 0.00 N | 31.05 0.26 0.00 N | 26.82 0.26 0.00 N | 28.36 0.18 0.00 N | 25.73 0.15 -0.01 N | 19.76 0.11 0.00 N | 31.00 0.15 0.00 N | 29.28 0.33 0.00 N | 28.62 0.30 0.00 N | 27.11 -0.01 0.00 N | 23.49 -0.24 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GLENWOOD_IC_1_G5 23712 | 43.60 1.75 -16.77 N | 45.18 0.59 -35.25 N | 24.77 1.40 -2.20 N | 28.79 0.83 -14.99 N | 32.49 1.51 -8.84 N | 33.32 2.23 0.00 N | 30.75 2.48 -0.36 N | 42.64 3.29 -3.76 N | 38.86 2.76 -7.88 N | 52.09 3.85 -13.38 N | 86.71 9.18 0.00 N | 45.98 3.27 -16.76 N | 49.99 3.58 -18.13 N | 49.84 3.23 -21.25 N | 49.79 4.02 -14.98 N | 50.30 3.40 -20.33 N | 51.48 3.62 -19.69 N | 53.06 3.21 -24.28 N | 52.11 2.31 -30.16 N | 51.71 3.54 -17.32 N | 57.97 3.51 -25.50 N | 67.37 3.28 -35.77 N | 33.44 2.78 -3.54 N | 27.26 2.27 -1.26 N | |
| GLENWOOD_IC_2_G1 23688 | 43.52 1.67 -16.77 N | 45.16 0.58 -35.25 N | 24.72 1.35 -2.20 N | 28.75 0.80 -14.99 N | 32.42 1.44 -8.84 N | 33.23 2.14 0.00 N | 30.26 2.36 0.00 N | 38.69 3.09 0.00 N | 37.96 2.59 -7.14 N | 51.74 3.62 -13.25 N | 86.31 8.78 0.00 N | 45.67 3.12 -16.60 N | 49.80 3.40 -18.11 N | 49.61 3.07 -21.18 N | 49.51 3.82 -14.90 N | 50.11 3.22 -20.32 N | 51.30 3.43 -19.69 N | 52.91 3.05 -24.28 N | 51.99 2.19 -30.16 N | 51.52 3.35 -17.32 N | 57.79 3.33 -25.50 N | 67.19 3.10 -35.77 N | 33.28 2.62 -3.54 N | 27.14 2.15 -1.26 N | |
| GLENWOOD_IC_3_G1 23689 | 43.52 1.67 -16.77 N | 45.16 0.58 -35.25 N | 24.72 1.35 -2.20 N | 28.75 0.80 -14.99 N | 32.42 1.44 -8.84 N | 33.23 2.14 0.00 N | 30.26 2.36 0.00 N | 38.69 3.09 0.00 N | 37.96 2.59 -7.14 N | 51.74 3.62 -13.25 N | 86.31 8.78 0.00 N | 45.67 3.12 -16.60 N | 49.80 3.40 -18.11 N | 49.61 3.07 -21.18 N | 49.51 3.82 -14.90 N | 50.11 3.22 -20.32 N | 51.30 3.43 -19.69 N | 52.91 3.05 -24.28 N | 51.99 2.19 -30.16 N | 51.52 3.35 -17.32 N | 57.79 3.33 -25.50 N | 67.19 3.10 -35.77 N | 33.28 2.62 -3.54 N | 27.14 2.15 -1.26 N | |
| GLENWOOD___4 23550 | 43.60 1.75 -16.77 N | 45.18 0.59 -35.25 N | 24.77 1.40 -2.20 N | 28.79 0.83 -14.99 N | 32.49 1.51 -8.84 N | 33.32 2.23 0.00 N | 30.75 2.49 -0.36 N | 42.64 3.29 -3.76 N | 38.86 2.76 -7.88 N | 52.09 3.85 -13.38 N | 86.71 9.18 0.00 N | 45.98 3.27 -16.76 N | 49.99 3.58 -18.13 N | 49.84 3.23 -21.25 N | 49.79 4.02 -14.98 N | 50.30 3.40 -20.33 N | 51.48 3.62 -19.69 N | 53.07 3.21 -24.28 N | 52.11 2.31 -30.16 N | 51.71 3.54 -17.32 N | 57.97 3.51 -25.50 N | 67.37 3.28 -35.77 N | 33.44 2.79 -3.54 N | 27.26 2.27 -1.26 N | |
| GLENWOOD___5 23614 | 43.60 1.75 -16.77 N | 45.18 0.59 -35.25 N | 24.77 1.40 -2.20 N | 28.79 0.83 -14.99 N | 32.49 1.51 -8.84 N | 33.32 2.23 0.00 N | 30.75 2.49 -0.36 N | 42.64 3.29 -3.76 N | 38.86 2.76 -7.88 N | 52.09 3.85 -13.38 N | 86.71 9.18 0.00 N | 45.98 3.27 -16.76 N | 49.99 3.58 -18.13 N | 49.84 3.23 -21.25 N | 49.79 4.02 -14.98 N | 50.30 3.40 -20.33 N | 51.48 3.62 -19.69 N | 53.07 3.21 -24.28 N | 52.11 2.31 -30.16 N | 51.71 3.54 -17.32 N | 57.97 3.51 -25.50 N | 67.37 3.28 -35.77 N | 33.44 2.79 -3.54 N | 27.26 2.27 -1.26 N | |
| GLOBAL GREEN_PORT_GT1 23814 | 45.58 3.73 -16.77 N | 45.90 1.31 -35.25 N | 26.75 3.38 -2.20 N | 29.98 2.02 -14.99 N | 34.66 3.68 -8.84 N | 36.35 5.26 0.00 N | 33.09 5.49 0.31 N | 39.28 6.92 3.25 N | 40.34 5.61 -6.50 N | 55.46 7.45 -13.15 N | 94.60 17.08 0.00 N | 48.31 5.90 -16.46 N | 52.73 6.34 -18.10 N | 52.16 5.68 -21.12 N | 52.53 6.90 -14.84 N | 52.64 5.76 -20.31 N | 54.08 6.21 -19.69 N | 55.44 5.59 -24.28 N | 53.97 4.17 -30.16 N | 54.90 6.72 -17.32 N | 61.11 6.65 -25.50 N | 70.17 6.08 -35.77 N | 35.95 5.30 -3.54 N | 29.51 4.52 -1.26 N | |
| GOETHSLN___LBMP 323567 | 43.49 1.64 -16.77 N | 45.14 0.56 -35.24 N | 24.67 1.29 -2.20 N | 28.72 0.77 -14.99 N | 32.36 1.38 -8.84 N | 33.13 2.04 0.00 N | 30.07 2.16 0.00 N | 38.50 2.90 0.00 N | 30.71 2.48 0.00 N | 38.40 3.53 0.00 N | 86.47 8.94 0.00 N | 36.32 3.04 -7.33 N | 31.62 3.34 0.00 N | 28.38 3.02 0.00 N | 34.59 3.75 -0.05 N | 29.70 3.13 0.00 N | 31.50 3.32 0.00 N | 28.70 2.94 -0.19 N | 21.74 2.10 0.00 N | 34.04 3.19 0.00 N | 32.15 3.19 0.00 N | 31.25 2.93 0.00 N | 29.57 2.45 0.00 N | 25.75 2.02 0.00 N | |
| GOUDEY___7 23579 | 31.02 0.41 -5.54 N | 21.16 0.19 -11.64 N | 22.37 0.47 -0.73 N | 18.20 0.29 -4.95 N | 25.45 0.39 -2.92 N | 31.61 0.52 0.00 N | 28.65 0.74 0.00 N | 36.57 0.96 0.00 N | 28.89 0.67 0.00 N | 36.09 1.22 0.00 N | 82.82 5.29 0.00 N | 28.98 1.02 -2.02 N | 29.36 1.08 0.00 N | 26.26 0.90 0.00 N | 31.88 1.09 0.00 N | 27.51 0.94 0.00 N | 29.16 0.98 0.00 N | 26.43 0.80 -0.06 N | 20.26 0.62 0.00 N | 31.83 0.97 0.00 N | 29.95 1.00 0.00 N | 29.09 0.77 0.00 N | 27.79 0.67 0.00 N | 24.29 0.57 0.00 N | |
| GOUDEY___8 23580 | 31.01 0.39 -5.54 N | 21.15 0.17 -11.64 N | 22.35 0.45 -0.73 N | 18.19 0.27 -4.95 N | 25.43 0.37 -2.92 N | 31.59 0.50 0.00 N | 28.62 0.72 0.00 N | 36.54 0.93 0.00 N | 28.86 0.64 0.00 N | 36.05 1.18 0.00 N | 82.77 5.25 0.00 N | 28.99 1.02 -2.02 N | 29.36 1.08 0.00 N | 26.26 0.90 0.00 N | 31.88 1.09 0.00 N | 27.51 0.94 0.00 N | 29.16 0.98 0.00 N | 26.43 0.80 -0.06 N | 20.26 0.62 0.00 N | 31.83 0.97 0.00 N | 29.95 1.00 0.00 N | 29.09 0.77 0.00 N | 27.79 0.67 0.00 N | 24.29 0.57 0.00 N | |
| GOWANUS_GT1_1 24077 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N | |
| GOWANUS_GT1_2 24078 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N | |
| GOWANUS_GT1_3 24079 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N | |
| GOWANUS_GT1_4 24080 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N | |
| GOWANUS_GT1_5 | 43.69 | 45.21 | 24.81 | 28.81 | 32.51 | 33.34 | 30.30 | 38.77 | 30.92 | 38.65 | 86.94 | 36.52 | 31.86 | 28.59 | 34.88 | 29.95 | 31.76 | 28.93 | 21.90 | 34.29 | 32.38 | 31.48 | 29.81 | 25.94 | |

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| 24084 | | 1.84 -16.77 N | 0.63 -35.25 N | 1.43 -2.20 N | 0.85 -14.99 N | 1.53 -8.84 N | 2.26 0.00 N | 2.39 0.00 N | 3.16 0.00 N | 2.69 0.00 N | 3.78 0.00 N | 9.41 0.00 N | 3.25 -7.33 N | 3.57 0.00 N | 3.23 0.00 N | 4.03 -0.06 N | 3.38 0.00 N | 3.58 0.00 N | 3.17 -0.19 N | 2.26 0.00 N | 3.43 0.00 N | 3.43 0.00 N | 3.16 0.00 N | 2.69 0.00 N | 2.21 0.00 N |
| GOWANUS_GT1_6 24111 | | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT1_7 24112 | | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT1_8 24113 | | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT2_1 24114 | | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT2_2 24115 | | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT2_3 24116 | | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT2_4 24117 | | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT2_5 24118 | | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT2_6 24119 | | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT2_7 24120 | | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT2_8 24121 | | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT3_1 24122 | | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT3_2 24123 | | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| GOWANUS_GT3_3 24124 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT3_4 24125 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT3_5 24126 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT3_6 24127 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT3_7 24128 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT3_8 24129 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT4_1 24130 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT4_2 24131 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT4_3 24132 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT4_4 24133 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT4_5 24134 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT4_6 24135 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT4_7 24136 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| GOWANUS_GT4_8 24137 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|---|
| GREENIDGE___3 23582 | 28.72 0.67 -2.97 N | 15.91 0.32 -6.25 N | 22.30 0.73 -0.39 N | 16.09 0.46 -2.66 N | 24.25 0.55 -1.57 N | 31.90 0.81 0.00 N | 29.01 1.10 0.00 N | 37.12 1.52 0.00 N | 29.32 1.09 0.00 N | 36.75 1.88 0.00 N | 85.21 7.68 0.00 N | 28.56 1.55 -1.06 N | 29.96 1.67 0.00 N | 26.86 1.50 0.00 N | 32.47 1.69 0.00 N | 28.06 1.50 0.00 N | 29.71 1.54 0.00 N | 26.89 1.29 -0.03 N | 20.65 1.01 0.00 N | 32.37 1.52 0.00 N | 30.43 1.48 0.00 N | 29.56 1.24 0.00 N | 28.19 1.07 0.00 N | 24.64 0.91 0.00 N | |
| GREENIDGE___4 23583 | 28.72 0.67 -2.97 N | 15.91 0.32 -6.25 N | 22.30 0.73 -0.39 N | 16.09 0.46 -2.66 N | 24.25 0.55 -1.57 N | 31.90 0.81 0.00 N | 29.01 1.10 0.00 N | 37.12 1.52 0.00 N | 29.32 1.09 0.00 N | 36.75 1.88 0.00 N | 85.21 7.68 0.00 N | 28.56 1.55 -1.06 N | 29.96 1.67 0.00 N | 26.86 1.50 0.00 N | 32.47 1.69 0.00 N | 28.06 1.50 0.00 N | 29.71 1.54 0.00 N | 26.89 1.29 -0.03 N | 20.65 1.01 0.00 N | 32.37 1.52 0.00 N | 30.43 1.48 0.00 N | 29.56 1.24 0.00 N | 28.19 1.07 0.00 N | 24.64 0.91 0.00 N | |
| GROVEVILLE___HYD 323602 | 43.86 1.49 -17.28 N | 46.19 0.52 -36.33 N | 24.67 1.23 -2.26 N | 29.16 0.74 -15.45 N | 32.55 1.30 -9.11 N | 33.01 1.92 0.00 N | 29.98 2.08 0.00 N | 38.24 2.64 0.00 N | 30.46 2.23 0.00 N | 38.01 3.15 0.00 N | 85.36 7.84 0.00 N | 35.84 2.71 -7.18 N | 31.29 3.01 0.00 N | 28.08 2.72 0.00 N | 34.16 3.38 0.00 N | 29.42 2.85 0.00 N | 31.20 3.03 0.00 N | 28.47 2.71 -0.20 N | 21.58 1.94 0.00 N | 33.84 2.98 0.00 N | 31.96 3.00 0.00 N | 31.05 2.74 0.00 N | 29.40 2.29 0.00 N | 25.63 1.90 0.00 N | |
| HAMPSHIRE___PAPER_HYD 323593 | 21.71 -3.37 0.00 N | 7.94 -1.40 0.00 N | 17.97 -3.21 0.00 N | 11.02 -1.95 0.00 N | 19.24 -2.90 0.00 N | 27.87 -3.22 0.00 N | 26.91 -1.00 0.00 N | 34.41 -1.19 0.00 N | 27.51 -0.71 0.00 N | 34.00 -0.87 0.00 N | 75.92 -1.61 0.00 N | 25.22 -0.73 0.00 N | 27.02 -1.27 0.00 N | 24.21 -1.16 0.00 N | 29.29 -1.49 0.00 N | 25.32 -1.24 0.00 N | 26.81 -1.37 0.00 N | 24.33 -1.24 0.00 N | 18.72 -0.92 0.00 N | 29.44 -1.41 0.00 N | 27.71 -1.25 0.00 N | 27.15 -1.17 0.00 N | 25.83 -1.29 0.00 N | 22.49 -1.24 0.00 N | |
| HARZA MOOSE___RIVER 24016 | 24.14 -0.94 0.00 N | 8.92 -0.41 0.00 N | 20.26 -0.91 0.00 N | 12.42 -0.55 0.00 N | 21.39 -0.75 0.00 N | 30.38 -0.71 0.00 N | 28.08 0.17 0.00 N | 36.01 0.40 0.00 N | 28.60 0.37 0.00 N | 35.39 0.52 0.00 N | 79.26 1.73 0.00 N | 26.33 0.38 0.00 N | 28.56 0.27 0.00 N | 25.60 0.24 0.00 N | 30.98 0.19 0.00 N | 26.77 0.20 0.00 N | 28.33 0.15 0.00 N | 25.71 0.14 0.00 N | 19.71 0.07 0.00 N | 30.94 0.09 0.00 N | 29.19 0.23 0.00 N | 28.51 0.19 0.00 N | 27.07 -0.05 0.00 N | 23.54 -0.18 0.00 N | |
| HEMPSTEAD___ 23647 | 43.54 1.70 -16.77 N | 45.15 0.57 -35.25 N | 24.74 1.37 -2.20 N | 28.76 0.80 -14.99 N | 32.46 1.48 -8.84 N | 33.30 2.20 0.00 N | 30.78 2.52 -0.35 N | 42.53 3.31 -3.61 N | 38.85 2.78 -7.85 N | 52.10 3.86 -13.37 N | 86.45 8.93 0.00 N | 45.99 3.28 -16.76 N | 50.00 3.59 -18.13 N | 49.85 3.24 -21.25 N | 49.79 4.03 -14.97 N | 50.30 3.40 -20.33 N | 51.46 3.60 -19.69 N | 53.06 3.21 -24.28 N | 52.11 2.30 -30.16 N | 51.72 3.55 -17.32 N | 57.97 3.51 -25.50 N | 67.41 3.32 -35.77 N | 33.52 2.86 -3.54 N | 27.33 2.34 -1.26 N | |
| HICKLING___1 23621 | 30.56 1.62 -3.87 N | 18.16 0.70 -8.13 N | 23.33 1.64 -0.51 N | 17.43 1.00 -3.46 N | 25.63 1.45 -2.04 N | 33.10 2.01 0.00 N | 30.25 2.34 0.00 N | 38.69 3.09 0.00 N | 30.47 2.24 0.00 N | 38.50 3.63 0.00 N | 91.29 13.77 0.00 N | 30.21 2.88 -1.39 N | 31.37 3.09 0.00 N | 27.98 2.62 0.00 N | 33.90 3.11 0.00 N | 29.26 2.69 0.00 N | 30.97 2.80 0.00 N | 27.96 2.35 -0.04 N | 21.51 1.87 0.00 N | 33.80 2.94 0.00 N | 31.81 2.86 0.00 N | 30.74 2.42 0.00 N | 29.32 2.20 0.00 N | 25.58 1.85 0.00 N | |
| HICKLING___2 23622 | 30.56 1.62 -3.87 N | 18.16 0.70 -8.13 N | 23.33 1.64 -0.51 N | 17.43 1.00 -3.46 N | 25.63 1.45 -2.04 N | 33.10 2.01 0.00 N | 30.25 2.34 0.00 N | 38.69 3.09 0.00 N | 30.47 2.24 0.00 N | 38.50 3.63 0.00 N | 91.29 13.77 0.00 N | 30.21 2.88 -1.39 N | 31.37 3.09 0.00 N | 27.98 2.62 0.00 N | 33.90 3.11 0.00 N | 29.26 2.69 0.00 N | 30.97 2.80 0.00 N | 27.96 2.35 -0.04 N | 21.51 1.87 0.00 N | 33.80 2.94 0.00 N | 31.81 2.86 0.00 N | 30.74 2.42 0.00 N | 29.32 2.20 0.00 N | 25.58 1.85 0.00 N | |
| HIGH FALLS___HY 23754 | 44.28 1.84 -17.36 N | 46.53 0.71 -36.48 N | 25.06 1.61 -2.27 N | 29.45 0.96 -15.52 N | 32.97 1.68 -9.15 N | 33.61 2.52 0.00 N | 30.69 2.78 0.00 N | 39.29 3.69 0.00 N | 31.14 2.91 0.00 N | 38.87 4.00 0.00 N | 87.71 10.18 0.00 N | 35.81 3.29 -6.58 N | 31.84 3.56 0.00 N | 28.55 3.19 0.00 N | 34.71 3.92 0.00 N | 29.96 3.40 0.00 N | 31.88 3.70 0.00 N | 29.05 3.29 -0.20 N | 22.06 2.42 0.00 N | 34.61 3.76 0.00 N | 32.74 3.79 0.00 N | 31.79 3.47 0.00 N | 30.03 2.91 0.00 N | 26.04 2.31 0.00 N | |
| HILLBURN___GT 23639 | 42.60 1.48 -16.04 N | 43.58 0.53 -33.72 N | 24.50 1.22 -2.10 N | 28.03 0.73 -14.34 N | 31.90 1.31 -8.45 N | 33.03 1.94 0.00 N | 29.97 2.06 0.00 N | 38.27 2.67 0.00 N | 30.47 2.25 0.00 N | 38.05 3.18 0.00 N | 85.76 8.23 0.00 N | 35.66 2.79 -6.93 N | 31.31 3.03 0.00 N | 28.09 2.73 0.00 N | 34.19 3.40 0.00 N | 29.42 2.86 0.00 N | 31.22 3.04 0.00 N | 28.45 2.70 -0.18 N | 21.54 1.90 0.00 N | 33.75 2.89 0.00 N | 31.90 2.95 0.00 N | 31.03 2.71 0.00 N | 29.35 2.24 0.00 N | 25.56 1.83 0.00 N | |
| HISHELDN_WT_PWR 323625 | 26.87 -0.88 -2.67 N | 14.73 -0.21 -5.61 N | 20.98 -0.54 -0.35 N | 15.04 -0.31 -2.39 N | 22.55 -1.00 -1.41 N | 29.72 -1.37 0.00 N | 26.70 -1.21 0.00 N | 34.03 -1.58 0.00 N | 26.89 -1.33 0.00 N | 33.85 -1.02 0.00 N | 78.34 0.82 0.00 N | 26.48 -0.41 -0.94 N | 27.80 -0.48 0.00 N | 24.92 -0.44 0.00 N | 30.08 -0.71 0.00 N | 26.12 -0.44 0.00 N | 27.74 -0.43 0.00 N | 25.17 -0.42 -0.03 N | 19.35 -0.29 0.00 N | 30.34 -0.52 0.00 N | 28.42 -0.53 0.00 N | 27.59 -0.73 0.00 N | 26.36 -0.76 0.00 N | 23.30 -0.43 0.00 N | |
| HOLTSVILLE_IC_1 23690 | 43.87 2.02 -16.77 N | 45.26 0.67 -35.25 N | 25.14 1.77 -2.20 N | 29.00 1.04 -14.99 N | 32.89 1.92 -8.84 N | 33.88 2.79 0.00 N | 30.62 3.04 0.33 N | 35.97 3.76 3.40 N | 37.79 3.10 -6.47 N | 52.26 4.25 -13.14 N | 87.01 9.49 0.00 N | 45.92 3.52 -16.46 N | 50.24 3.85 -18.10 N | 49.96 3.48 -21.12 N | 49.93 4.31 -14.84 N | 50.52 3.64 -20.31 N | 51.81 3.94 -19.69 N | 53.37 3.52 -24.28 N | 52.35 2.55 -30.16 N | 52.12 3.95 -17.32 N | 58.35 3.89 -25.50 N | 67.82 3.73 -35.77 N | 33.94 3.28 -3.54 N | 27.81 2.82 -1.26 N | |
| HOLTSVILLE_IC_10 23699 | 44.20 2.35 -16.77 N | 45.40 0.82 -35.25 N | 25.47 2.10 -2.20 N | 29.20 1.24 -14.99 N | 33.25 2.27 -8.84 N | 34.39 3.30 0.00 N | 31.17 3.56 0.30 N | 36.94 4.44 3.10 N | 38.35 3.60 -6.53 N | 52.92 4.90 -13.15 N | 88.63 11.10 0.00 N | 46.44 4.02 -16.47 N | 50.79 4.40 -18.10 N | 50.46 3.98 -21.12 N | 50.55 4.91 -14.84 N | 51.10 4.23 -20.31 N | 52.43 4.56 -19.69 N | 53.92 4.07 -24.28 N | 52.77 2.96 -30.16 N | 52.78 4.60 -17.32 N | 58.99 4.53 -25.50 N | 68.46 4.37 -35.77 N | 34.50 3.85 -3.54 N | 28.24 3.25 -1.26 N | |
| HOLTSVILLE_IC_2 | 43.87 | 45.26 | 25.14 | 29.00 | 32.89 | 33.88 | 30.62 | 35.97 | 37.79 | 52.26 | 87.01 | 45.92 | 50.24 | 49.96 | 49.93 | 50.52 | 51.81 | 53.37 | 52.35 | 52.12 | 58.35 | 67.82 | 33.94 | 27.81 | |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| INDECK___YERKES 23781 | 26.31 -1.10 -2.33 N | 13.95 -0.28 -4.89 N | 20.76 -0.72 -2.30 N | 14.66 -0.39 -2.08 N | 22.30 -1.07 -1.23 N | 29.69 -1.40 0.00 N | 26.54 -1.37 0.00 N | 33.78 -1.82 0.00 N | 26.64 -1.59 0.00 N | 33.44 -1.42 0.00 N | 76.88 -0.65 0.00 N | 26.16 -0.60 -0.81 N | 27.64 -0.64 0.00 N | 24.87 -0.49 0.00 N | 29.99 -0.80 0.00 N | 26.04 -0.52 0.00 N | 27.64 -0.54 0.00 N | 25.09 -0.50 -0.03 N | 19.27 -0.38 0.00 N | 30.16 -0.69 0.00 N | 28.26 -0.70 0.00 N | 27.50 -0.81 0.00 N | 26.28 -0.84 0.00 N | 23.30 -0.42 0.00 N | |
| INDIAN POINT_GT_1 24139 | 43.08 1.36 -16.64 N | 44.78 0.48 -34.97 N | 24.46 1.10 -2.18 N | 28.49 0.66 -14.87 N | 32.09 1.18 -8.77 N | 32.84 1.75 0.00 N | 29.80 1.90 0.00 N | 38.08 2.48 0.00 N | 30.31 2.08 0.00 N | 37.83 2.96 0.00 N | 85.13 7.60 0.00 N | 35.82 2.61 -7.26 N | 31.14 2.86 0.00 N | 27.94 2.58 0.00 N | 34.01 3.22 0.00 N | 29.27 2.70 0.00 N | 31.05 2.88 0.00 N | 28.32 2.56 -0.19 N | 21.46 1.82 0.00 N | 33.61 2.76 0.00 N | 31.74 2.79 0.00 N | 30.86 2.54 0.00 N | 29.22 2.10 0.00 N | 25.44 1.72 0.00 N | |
| INDIAN POINT_GT_2 23659 | 43.08 1.36 -16.64 N | 44.78 0.48 -34.97 N | 24.46 1.10 -2.18 N | 28.49 0.66 -14.87 N | 32.09 1.18 -8.77 N | 32.84 1.75 0.00 N | 29.80 1.90 0.00 N | 38.08 2.48 0.00 N | 30.31 2.08 0.00 N | 37.83 2.96 0.00 N | 85.13 7.60 0.00 N | 35.82 2.61 -7.26 N | 31.14 2.86 0.00 N | 27.94 2.58 0.00 N | 34.01 3.22 0.00 N | 29.27 2.70 0.00 N | 31.05 2.88 0.00 N | 28.32 2.56 -0.19 N | 21.46 1.82 0.00 N | 33.61 2.76 0.00 N | 31.74 2.79 0.00 N | 30.86 2.54 0.00 N | 29.22 2.10 0.00 N | 25.44 1.72 0.00 N | |
| INDIAN POINT_GT_3 24019 | 43.08 1.36 -16.64 N | 44.78 0.48 -34.97 N | 24.46 1.10 -2.18 N | 28.49 0.66 -14.87 N | 32.09 1.18 -8.77 N | 32.84 1.75 0.00 N | 29.80 1.90 0.00 N | 38.08 2.48 0.00 N | 30.31 2.08 0.00 N | 37.83 2.96 0.00 N | 85.13 7.60 0.00 N | 35.82 2.61 -7.26 N | 31.14 2.86 0.00 N | 27.94 2.58 0.00 N | 34.01 3.22 0.00 N | 29.27 2.70 0.00 N | 31.05 2.88 0.00 N | 28.32 2.56 -0.19 N | 21.46 1.82 0.00 N | 33.61 2.76 0.00 N | 31.74 2.79 0.00 N | 30.86 2.54 0.00 N | 29.22 2.10 0.00 N | 25.44 1.72 0.00 N | |
| INDIAN POINT___2 23530 | 42.83 1.31 -16.44 N | 44.36 0.46 -34.56 N | 24.40 1.07 -2.15 N | 28.30 0.63 -14.70 N | 31.95 1.15 -8.67 N | 32.79 1.70 0.00 N | 29.75 1.84 0.00 N | 38.01 2.40 0.00 N | 30.25 2.03 0.00 N | 37.76 2.89 0.00 N | 84.98 7.46 0.00 N | 35.67 2.56 -7.16 N | 31.07 2.79 0.00 N | 27.89 2.53 0.00 N | 33.93 3.14 0.00 N | 29.21 2.64 0.00 N | 30.98 2.81 0.00 N | 28.25 2.49 -0.19 N | 21.40 1.76 0.00 N | 33.52 2.67 0.00 N | 31.67 2.71 0.00 N | 30.80 2.48 0.00 N | 29.16 2.04 0.00 N | 25.39 1.66 0.00 N | |
| INDIAN POINT___3 23531 | 43.01 1.29 -16.65 N | 44.77 0.45 -34.99 N | 24.39 1.04 -2.18 N | 28.46 0.62 -14.88 N | 32.02 1.11 -8.77 N | 32.74 1.65 0.00 N | 29.71 1.80 0.00 N | 37.94 2.34 0.00 N | 30.20 1.98 0.00 N | 37.68 2.82 0.00 N | 84.81 7.29 0.00 N | 35.72 2.50 -7.27 N | 31.02 2.73 0.00 N | 27.84 2.48 0.00 N | 33.87 3.08 0.00 N | 29.16 2.59 0.00 N | 30.93 2.76 0.00 N | 28.21 2.45 -0.19 N | 21.37 1.73 0.00 N | 33.48 2.63 0.00 N | 31.61 2.66 0.00 N | 30.74 2.42 0.00 N | 29.11 1.99 0.00 N | 25.36 1.64 0.00 N | |
| IP CORINTH___1 23988 | 47.76 0.64 -22.04 N | 55.87 0.21 -46.33 N | 24.41 0.35 -2.89 N | 32.85 0.18 -19.70 N | 34.13 0.37 -11.62 N | 31.54 0.45 0.00 N | 28.80 0.89 0.00 N | 36.81 1.21 0.00 N | 29.07 0.84 0.00 N | 36.09 1.22 0.00 N | 80.58 3.05 0.00 N | 35.21 1.33 -7.94 N | 29.73 1.45 0.00 N | 26.69 1.33 0.00 N | 32.51 1.72 0.00 N | 28.02 1.46 0.00 N | 29.71 1.53 0.00 N | 27.30 1.48 -0.25 N | 20.69 1.05 0.00 N | 32.53 1.67 0.00 N | 30.58 1.63 0.00 N | 29.64 1.32 0.00 N | 28.15 1.03 0.00 N | 24.52 0.80 0.00 N | |
| IP___TICONDEROGA 23804 | 48.39 2.00 -21.31 N | 54.86 0.73 -44.79 N | 25.42 1.45 -2.79 N | 32.85 0.83 -19.05 N | 34.86 1.49 -11.23 N | 33.01 1.91 0.00 N | 30.17 2.26 0.00 N | 38.39 2.78 0.00 N | 30.08 1.86 0.00 N | 37.29 2.42 0.00 N | 83.19 5.67 0.00 N | 36.09 2.36 -7.79 N | 30.88 2.60 0.00 N | 27.69 2.33 0.00 N | 33.82 3.03 0.00 N | 29.18 2.62 0.00 N | 31.02 2.85 0.00 N | 28.59 2.78 -0.24 N | 21.66 2.02 0.00 N | 34.11 3.25 0.00 N | 32.03 3.08 0.00 N | 30.94 2.62 0.00 N | 29.59 2.47 0.00 N | 25.85 2.12 0.00 N | |
| JARVIS____ 23743 | 24.51 -0.08 0.48 N | 8.28 -0.04 1.02 N | 21.03 -0.08 0.06 N | 12.48 -0.05 0.43 N | 21.84 -0.05 0.25 N | 31.07 -0.02 0.00 N | 28.07 0.16 0.00 N | 35.82 0.21 0.00 N | 28.37 0.14 0.00 N | 35.09 0.22 0.00 N | 78.23 0.70 0.00 N | 26.02 0.24 0.16 N | 28.56 0.28 0.00 N | 25.61 0.26 0.00 N | 31.10 0.31 0.00 N | 26.83 0.27 0.00 N | 28.46 0.28 0.00 N | 25.82 0.25 0.00 N | 19.81 0.17 0.00 N | 31.11 0.25 0.00 N | 29.21 0.26 0.00 N | 28.52 0.20 0.00 N | 27.27 0.15 0.00 N | 23.84 0.12 0.00 N | |
| JENNISON___1 23625 | 32.12 1.27 -5.77 N | 21.95 0.49 -12.13 N | 23.07 1.14 -0.76 N | 18.83 0.71 -5.16 N | 26.37 1.20 -3.04 N | 32.80 1.71 0.00 N | 29.89 1.98 0.00 N | 38.36 2.75 0.00 N | 30.31 2.08 0.00 N | 37.70 2.83 0.00 N | 86.05 8.52 0.00 N | 30.27 2.22 -2.10 N | 30.70 2.42 0.00 N | 27.52 2.16 0.00 N | 33.30 2.51 0.00 N | 28.68 2.11 0.00 N | 30.34 2.17 0.00 N | 27.58 1.94 -0.07 N | 21.14 1.50 0.00 N | 33.12 2.27 0.00 N | 31.24 2.28 0.00 N | 30.39 2.07 0.00 N | 28.85 1.74 0.00 N | 25.15 1.42 0.00 N | |
| JENNISON___2 23626 | 32.08 1.24 -5.77 N | 21.94 0.48 -12.13 N | 23.05 1.12 -0.76 N | 18.82 0.70 -5.16 N | 26.35 1.17 -3.04 N | 32.76 1.67 0.00 N | 29.85 1.94 0.00 N | 38.31 2.70 0.00 N | 30.27 2.05 0.00 N | 37.65 2.79 0.00 N | 85.91 8.39 0.00 N | 30.23 2.18 -2.10 N | 30.66 2.37 0.00 N | 27.48 2.12 0.00 N | 33.25 2.46 0.00 N | 28.64 2.07 0.00 N | 30.30 2.12 0.00 N | 27.54 1.91 -0.07 N | 21.11 1.47 0.00 N | 33.08 2.23 0.00 N | 31.21 2.25 0.00 N | 30.35 2.03 0.00 N | 28.81 1.70 0.00 N | 25.12 1.39 0.00 N | |
| KEDC PORT_JEFF_GT2 24210 | 44.09 2.25 -16.77 N | 45.33 0.75 -35.25 N | 25.33 1.96 -2.20 N | 29.11 1.15 -14.99 N | 33.10 2.12 -8.84 N | 34.17 3.08 0.00 N | 30.93 3.32 0.30 N | 36.50 4.05 3.16 N | 38.05 3.31 -6.52 N | 52.56 4.54 -13.15 N | 87.76 10.24 0.00 N | 46.16 3.75 -16.47 N | 50.50 4.11 -18.10 N | 50.20 3.73 -21.12 N | 50.25 4.62 -14.84 N | 50.82 3.95 -20.31 N | 52.13 4.26 -19.69 N | 53.65 3.80 -24.28 N | 52.56 2.76 -30.16 N | 52.45 4.28 -17.32 N | 58.66 4.20 -25.50 N | 68.16 4.07 -35.77 N | 34.27 3.62 -3.54 N | 28.07 3.08 -1.26 N | |
| KEDC PORT_JEFF_GT3 24211 | 44.09 2.25 -16.77 N | 45.33 0.75 -35.25 N | 25.33 1.96 -2.20 N | 29.11 1.15 -14.99 N | 33.10 2.12 -8.84 N | 34.17 3.08 0.00 N | 30.93 3.32 0.30 N | 36.50 4.05 3.16 N | 38.05 3.31 -6.52 N | 52.56 4.54 -13.15 N | 87.76 10.24 0.00 N | 46.16 3.75 -16.47 N | 50.50 4.11 -18.10 N | 50.20 3.73 -21.12 N | 50.25 4.62 -14.84 N | 50.82 3.95 -20.31 N | 52.13 4.26 -19.69 N | 53.65 3.80 -24.28 N | 52.56 2.76 -30.16 N | 52.45 4.28 -17.32 N | 58.66 4.20 -25.50 N | 68.16 4.07 -35.77 N | 34.27 3.62 -3.54 N | 28.07 3.08 -1.26 N | |
| KEDC_GLWD_GT4 | 43.60 | 45.18 | 24.77 | 28.79 | 32.49 | 33.32 | 30.75 | 42.64 | 38.86 | 52.09 | 86.71 | 45.98 | 49.99 | 49.84 | 49.79 | 50.30 | 51.48 | 53.06 | 52.11 | 51.71 | 57.97 | 67.37 | 33.44 | 27.26 | |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| MODEL_CITY_ENERGY 24167 | 25.80 -1.56 -2.28 N | 13.68 -0.44 -4.78 N | 20.38 -1.10 -0.30 N | 14.38 -0.62 -2.04 N | 21.88 -1.46 -1.20 N | 29.13 -1.96 0.00 N | 25.97 -1.94 0.00 N | 32.98 -2.63 0.00 N | 25.98 -2.25 0.00 N | 32.55 -2.31 0.00 N | 74.59 -2.93 0.00 N | 25.50 -1.25 -0.80 N | 26.92 -1.36 0.00 N | 24.24 -1.12 0.00 N | 29.22 -1.57 0.00 N | 25.42 -1.15 0.00 N | 26.99 -1.19 0.00 N | 24.52 -1.07 -0.03 N | 18.83 -0.81 0.00 N | 29.45 -1.41 0.00 N | 27.57 -1.38 0.00 N | 26.86 -1.47 0.00 N | 25.70 -1.42 0.00 N | 22.83 -0.90 0.00 N | |
| MODERN_LFGE_ 323580 | 25.80 -1.56 -2.28 N | 13.68 -0.44 -4.78 N | 20.38 -1.10 -0.30 N | 14.38 -0.62 -2.04 N | 21.88 -1.46 -1.20 N | 29.13 -1.96 0.00 N | 25.97 -1.94 0.00 N | 32.98 -2.63 0.00 N | 25.98 -2.25 0.00 N | 32.55 -2.31 0.00 N | 74.59 -2.93 0.00 N | 25.50 -1.25 -0.80 N | 26.92 -1.36 0.00 N | 24.24 -1.12 0.00 N | 29.22 -1.57 0.00 N | 25.42 -1.15 0.00 N | 26.99 -1.19 0.00 N | 24.52 -1.07 -0.03 N | 18.83 -0.81 0.00 N | 29.45 -1.41 0.00 N | 27.57 -1.38 0.00 N | 26.86 -1.47 0.00 N | 25.70 -1.42 0.00 N | 22.83 -0.90 0.00 N | |
| MOHAWK_PAPER__DRP 24187 | 48.33 1.30 -21.95 N | 55.96 0.48 -46.15 N | 25.11 1.06 -2.88 N | 33.23 0.63 -19.63 N | 34.81 1.10 -11.57 N | 32.65 1.56 0.00 N | 29.62 1.72 0.00 N | 37.70 2.10 0.00 N | 29.82 1.59 0.00 N | 37.04 2.17 0.00 N | 83.00 5.48 0.00 N | 35.65 1.93 -7.78 N | 30.47 2.18 0.00 N | 27.42 2.06 0.00 N | 33.35 2.56 0.00 N | 28.78 2.21 0.00 N | 30.45 2.27 0.00 N | 27.86 2.04 -0.25 N | 21.12 1.48 0.00 N | 33.13 2.27 0.00 N | 31.20 2.24 0.00 N | 30.28 1.96 0.00 N | 28.93 1.81 0.00 N | 25.25 1.52 0.00 N | |
| MONGAUP__HYD 23641 | 41.81 1.40 -15.33 N | 42.09 0.53 -32.22 N | 24.42 1.24 -2.01 N | 27.41 0.74 -13.70 N | 31.54 1.32 -8.08 N | 33.04 1.95 0.00 N | 29.86 1.95 0.00 N | 38.13 2.53 0.00 N | 30.06 1.84 0.00 N | 37.46 2.60 0.00 N | 84.30 6.78 0.00 N | 34.78 2.26 -6.57 N | 30.75 2.47 0.00 N | 27.57 2.22 0.00 N | 33.57 2.79 0.00 N | 29.13 2.56 0.00 N | 30.86 2.69 0.00 N | 28.13 2.39 -0.17 N | 21.34 1.70 0.00 N | 33.48 2.63 0.00 N | 31.62 2.67 0.00 N | 30.75 2.43 0.00 N | 29.13 2.01 0.00 N | 25.35 1.63 0.00 N | |
| MONTAUK__DIESEL 23721 | 45.38 3.53 -16.77 N | 45.73 1.15 -35.25 N | 26.39 3.02 -2.20 N | 29.75 1.79 -14.99 N | 34.25 3.27 -8.84 N | 35.76 4.67 0.00 N | 32.52 4.92 0.31 N | 38.59 6.23 3.25 N | 39.87 5.14 -6.50 N | 54.93 6.91 -13.15 N | 93.34 15.82 0.00 N | 47.92 5.51 -16.46 N | 52.30 5.91 -18.10 N | 51.78 5.30 -21.12 N | 52.07 6.44 -14.84 N | 52.25 5.37 -20.31 N | 53.66 5.79 -19.69 N | 55.05 5.20 -24.28 N | 53.65 3.85 -30.16 N | 54.37 6.19 -17.32 N | 60.56 6.10 -25.50 N | 69.66 5.57 -35.77 N | 35.50 4.85 -3.54 N | 29.15 4.15 -1.26 N | |
| MUNSVILLE_WIND_PWR 323609 | 31.89 1.93 -4.88 N | 20.35 0.75 -10.27 N | 23.51 1.70 -0.64 N | 18.40 1.07 -4.37 N | 26.51 1.80 -2.57 N | 33.65 2.56 0.00 N | 30.77 2.86 0.00 N | 39.66 4.05 0.00 N | 31.35 3.12 0.00 N | 38.92 4.06 0.00 N | 88.89 11.36 0.00 N | 30.73 3.00 -1.78 N | 31.62 3.34 0.00 N | 28.39 3.03 0.00 N | 34.20 3.41 0.00 N | 29.38 2.81 0.00 N | 31.07 2.90 0.00 N | 28.32 2.70 -0.06 N | 21.75 2.11 0.00 N | 34.00 3.14 0.00 N | 32.11 3.15 0.00 N | 31.26 2.94 0.00 N | 29.56 2.44 0.00 N | 25.77 2.05 0.00 N | |
| N SALMON__HYD 24042 | 19.59 -4.71 0.78 N | 5.67 -2.02 1.65 N | 16.43 -4.65 0.10 N | 9.43 -2.84 0.70 N | -66.20 -4.34 84.00 N | 26.12 -4.97 0.00 N | 26.76 -1.15 0.00 N | 34.03 -1.57 0.00 N | 26.87 -1.35 0.00 N | 33.16 -1.71 0.00 N | 73.03 -4.50 0.00 N | 24.50 -1.45 0.00 N | 26.61 -1.68 0.00 N | 23.73 -1.63 0.00 N | 28.77 -2.02 0.00 N | 24.87 -1.70 0.00 N | 26.41 -1.77 0.00 N | 23.94 -1.63 0.00 N | 18.48 -1.17 0.00 N | 29.20 -1.65 0.00 N | 27.36 -1.60 0.00 N | 26.87 -1.45 0.00 N | 25.80 -1.31 0.00 N | 22.68 -1.05 0.00 N | |
| N.E_GEN_SANDY PD 24062 | 46.45 1.32 -20.05 N | 51.96 0.48 -42.14 N | 24.84 1.03 -2.63 N | 31.49 0.61 -17.92 N | 33.78 1.07 -10.57 N | 32.56 1.46 0.00 N | 29.53 1.62 0.00 N | 37.63 2.03 0.00 N | 29.74 1.51 0.00 N | 41.59 2.20 -0.71 N | 82.78 5.25 0.00 N | 31.00 2.65 8.02 N | 30.44 2.16 0.00 N | 27.32 1.95 0.00 N | 33.28 2.49 0.00 N | 28.70 2.14 0.00 N | 30.45 2.28 0.00 N | 27.91 2.11 -0.23 N | 21.14 1.51 0.00 N | 33.21 2.35 0.00 N | 31.26 2.31 0.00 N | 30.33 2.01 0.00 N | 28.92 1.81 0.00 N | 25.27 1.54 0.00 N | |
| NARROWS_GT1_1 24228 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N | |
| NARROWS_GT1_2 24229 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N | |
| NARROWS_GT1_3 24230 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N | |
| NARROWS_GT1_4 24231 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N | |
| NARROWS_GT1_5 24232 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N | |
| NARROWS_GT1_6 | 43.69 | 45.21 | 24.81 | 28.81 | 32.51 | 33.34 | 30.30 | 38.77 | 30.92 | 38.65 | 86.94 | 36.52 | 31.86 | 28.59 | 34.88 | 29.95 | 31.76 | 28.93 | 21.90 | 34.29 | 32.38 | 31.48 | 29.81 | 25.94 | |

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| 24233 | 1.84 -16.77 N | 0.63 -35.25 N | 1.43 -2.20 N | 0.85 -14.99 N | 1.53 -8.84 N | 2.26 0.00 N | 2.39 0.00 N | 3.16 0.00 N | 2.69 0.00 N | 3.78 0.00 N | 9.41 0.00 N | 3.25 -7.33 N | 3.57 0.00 N | 3.23 0.00 N | 4.03 -0.06 N | 3.38 0.00 N | 3.58 0.00 N | 3.17 -0.19 N | 2.26 0.00 N | 3.43 0.00 N | 3.43 0.00 N | 3.16 0.00 N | 2.69 0.00 N | 2.21 0.00 N |
| NARROWS_GT1_7 24234 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| NARROWS_GT1_8 24235 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| NARROWS_GT2_1 24236 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| NARROWS_GT2_2 24237 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| NARROWS_GT2_3 24238 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| NARROWS_GT2_4 24239 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| NARROWS_GT2_5 24240 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| NARROWS_GT2_6 24241 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| NARROWS_GT2_7 24242 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| NARROWS_GT2_8 24243 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| NEG CAPITAL___MECHNVIL 23645 | 48.22 1.47 -21.67 N | 55.42 0.55 -45.54 N | 25.19 1.17 -2.84 N | 33.03 0.69 -19.37 N | 34.79 1.23 -11.42 N | 32.82 1.73 0.00 N | 29.90 2.00 0.00 N | 38.09 2.49 0.00 N | 30.04 1.81 0.00 N | 37.30 2.43 0.00 N | 83.59 6.07 0.00 N | 35.89 2.19 -7.75 N | 30.72 2.44 0.00 N | 27.62 2.26 0.00 N | 33.63 2.84 0.00 N | 29.02 2.45 0.00 N | 30.73 2.55 0.00 N | 28.16 2.34 -0.25 N | 21.34 1.70 0.00 N | 33.51 2.66 0.00 N | 31.57 2.61 0.00 N | 30.58 2.26 0.00 N | 29.14 2.02 0.00 N | 25.40 1.67 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 26.09 -0.81 -1.82 N | 12.92 -0.23 -3.82 N | 20.82 -0.59 -0.24 N | 14.26 -0.33 -1.62 N | 22.34 -0.76 -0.96 N | 30.10 -1.00 0.00 N | 27.07 -0.84 0.00 N | 34.53 -1.08 0.00 N | 27.32 -0.90 0.00 N | 34.02 -0.85 0.00 N | 76.95 -0.57 0.00 N | 26.23 -0.36 -0.64 N | 27.90 -0.38 0.00 N | 25.13 -0.23 0.00 N | 30.35 -0.44 0.00 N | 26.31 -0.26 0.00 N | 27.88 -0.29 0.00 N | 25.31 -0.28 -0.02 N | 19.40 -0.24 0.00 N | 30.36 -0.49 0.00 N | 28.46 -0.49 0.00 N | 27.79 -0.53 0.00 N | 26.56 -0.56 0.00 N | 23.31 -0.41 0.00 N |
| NEG CENTRAL___DRP 24199 | 27.29 0.17 -2.04 N | 13.74 0.11 -4.30 N | 21.68 0.24 -0.27 N | 14.95 0.16 -1.83 N | 23.33 0.11 -1.08 N | 31.31 0.22 0.00 N | 28.35 0.44 0.00 N | 36.22 0.62 0.00 N | 28.63 0.41 0.00 N | 35.68 0.81 0.00 N | 81.46 3.93 0.00 N | 27.43 0.76 -0.73 N | 29.11 0.82 0.00 N | 26.17 0.81 0.00 N | 31.64 0.85 0.00 N | 27.34 0.77 0.00 N | 28.95 0.77 0.00 N | 26.23 0.64 -0.02 N | 20.10 0.46 0.00 N | 31.46 0.60 0.00 N | 29.57 0.62 0.00 N | 28.82 0.50 0.00 N | 27.53 0.41 0.00 N | 24.07 0.34 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NEVERSINK___HYD 23608 | 40.49 0.77 -14.65 N | 40.46 0.34 -30.78 N | 23.87 0.77 -1.92 N | 26.53 0.47 -13.09 N | 30.73 0.87 -7.72 N | 32.40 1.30 0.00 N | 29.33 1.42 0.00 N | 37.41 1.81 0.00 N | 28.97 0.74 0.00 N | 36.27 1.40 0.00 N | 82.08 4.56 -5.88 N | 32.74 0.91 0.00 N | 29.29 1.01 0.00 N | 26.44 1.08 0.00 N | 32.25 1.46 0.00 N | 27.56 1.00 0.00 N | 29.27 1.09 0.00 N | 26.82 1.08 -0.17 N | 20.53 0.89 0.00 N | 31.96 1.11 0.00 N | 30.17 1.21 0.00 N | 29.47 1.15 0.00 N | 28.04 0.92 0.00 N | 24.27 0.55 0.00 N | |
| NEWTON___FALLS_HYD 23847 | 21.71 -3.37 0.00 N | 7.94 -1.40 0.00 N | 17.97 -3.21 0.00 N | 11.02 -1.95 0.00 N | 19.24 -2.90 0.00 N | 27.87 -3.22 0.00 N | 26.91 -1.00 0.00 N | 34.41 -1.19 0.00 N | 27.51 -0.71 0.00 N | 34.00 -0.87 0.00 N | 75.92 -1.61 0.00 N | 25.22 -0.73 0.00 N | 27.02 -1.27 0.00 N | 24.21 -1.16 0.00 N | 29.29 -1.49 0.00 N | 25.32 -1.24 0.00 N | 26.81 -1.37 0.00 N | 24.33 -1.24 0.00 N | 18.72 -0.92 0.00 N | 29.44 -1.41 0.00 N | 27.71 -1.25 0.00 N | 27.15 -1.17 0.00 N | 25.83 -1.29 0.00 N | 22.49 -1.24 0.00 N | |
| NIAGARA___ 23760 | 25.48 -1.86 -2.25 N | 13.53 -0.54 -4.74 N | 20.13 -1.34 -0.30 N | 14.22 -0.76 -2.02 N | 21.62 -1.71 -1.19 N | 28.77 -2.32 0.00 N | 25.59 -2.32 0.00 N | 32.47 -3.14 0.00 N | 25.55 -2.67 0.00 N | 32.00 -2.87 0.00 N | 73.17 -4.35 0.00 N | 25.10 -1.64 -0.79 N | 26.49 -1.79 0.00 N | 23.87 -1.49 0.00 N | 28.76 -2.02 0.00 N | 25.04 -1.53 0.00 N | 26.59 -1.58 0.00 N | 24.17 -1.43 -0.03 N | 18.55 -1.09 0.00 N | 29.03 -1.83 0.00 N | 27.16 -1.80 0.00 N | 26.46 -1.86 0.00 N | 25.35 -1.77 0.00 N | 22.54 -1.19 0.00 N | |
| NINE_MILE_1 23575 | 25.38 -0.72 -1.02 N | 11.23 -0.25 -2.15 N | 20.72 -0.59 -0.13 N | 13.53 -0.35 -0.91 N | 22.03 -0.65 -0.54 N | 30.20 -0.89 0.00 N | 27.12 -0.79 0.00 N | 34.41 -1.20 0.00 N | 27.25 -0.98 0.00 N | 33.76 -1.11 0.00 N | 75.60 -1.92 0.00 N | 25.65 -0.71 -0.41 N | 27.50 -0.78 0.00 N | 24.69 -0.67 0.00 N | 29.93 -0.86 0.00 N | 25.85 -0.72 0.00 N | 27.46 -0.72 0.00 N | 24.96 -0.63 -0.01 N | 19.14 -0.50 0.00 N | 30.03 -0.82 0.00 N | 28.21 -0.75 0.00 N | 27.55 -0.76 0.00 N | 26.46 -0.66 0.00 N | 23.16 -0.56 0.00 N | |
| NINE_MILE_2 23744 | 25.38 -0.71 -1.02 N | 11.22 -0.25 -2.14 N | 20.72 -0.59 -0.13 N | 13.52 -0.35 -0.91 N | 22.03 -0.65 -0.53 N | 30.20 -0.89 0.00 N | 27.14 -0.77 0.00 N | 34.62 -0.98 0.00 N | 27.43 -0.80 0.00 N | 33.95 -0.92 0.00 N | 75.86 -1.66 0.00 N | 25.71 -0.59 -0.35 N | 27.62 -0.66 0.00 N | 24.79 -0.57 0.00 N | 30.06 -0.73 0.00 N | 25.95 -0.61 0.00 N | 27.51 -0.67 0.00 N | 24.96 -0.63 -0.01 N | 19.14 -0.50 0.00 N | 30.04 -0.81 0.00 N | 28.21 -0.74 0.00 N | 27.56 -0.76 0.00 N | 26.46 -0.66 0.00 N | 23.17 -0.56 0.00 N | |
| NM_CAPITAL___DRP 24208 | 48.13 1.23 -21.83 N | 55.68 0.47 -45.88 N | 25.06 1.03 -2.86 N | 33.10 0.62 -19.51 N | 34.71 1.06 -11.50 N | 32.60 1.51 0.00 N | 29.54 1.63 0.00 N | 37.53 1.92 0.00 N | 29.67 1.45 0.00 N | 36.87 2.00 0.00 N | 82.63 5.10 -7.73 N | 35.47 1.80 0.00 N | 30.34 2.06 0.00 N | 27.34 1.98 0.00 N | 33.25 2.46 0.00 N | 28.69 2.13 0.00 N | 30.34 2.16 0.00 N | 27.73 1.91 -0.25 N | 21.01 1.37 0.00 N | 32.95 2.10 0.00 N | 31.03 2.08 0.00 N | 30.12 1.81 0.00 N | 28.83 1.71 0.00 N | 25.18 1.46 0.00 N | |
| NM_CENTRAL___DRP 24181 | 26.13 -0.23 -1.28 N | 11.95 -0.07 -2.70 N | 21.17 -0.17 -0.17 N | 14.01 -0.10 -1.15 N | 22.58 -0.24 -0.67 N | 30.82 -0.27 0.00 N | 27.81 -0.10 0.00 N | 35.50 -0.10 0.00 N | 28.12 -0.10 0.00 N | 34.89 0.02 0.00 N | 78.39 0.87 0.00 N | 26.56 0.15 -0.47 N | 28.43 0.15 0.00 N | 25.52 0.16 0.00 N | 30.92 0.13 0.00 N | 26.70 0.13 0.00 N | 28.30 0.13 0.00 N | 25.67 0.08 -0.02 N | 19.68 0.04 0.00 N | 30.85 0.00 0.00 N | 29.01 0.05 0.00 N | 28.31 -0.01 0.00 N | 27.11 -0.01 0.00 N | 23.69 -0.04 0.00 N | |
| NM_FRONTIER___DRP 24179 | 25.58 -1.78 -2.28 N | 13.61 -0.51 -4.80 N | 20.20 -1.27 -0.30 N | 14.29 -0.72 -2.04 N | 21.70 -1.65 -1.20 N | 28.87 -2.22 0.00 N | 25.69 -2.22 0.00 N | 32.58 -3.02 0.00 N | 25.64 -2.59 0.00 N | 32.12 -2.75 0.00 N | 73.46 -4.06 0.00 N | 25.20 -1.55 -0.80 N | 26.60 -1.68 0.00 N | 23.96 -1.40 0.00 N | 28.88 -1.91 0.00 N | 25.13 -1.44 0.00 N | 26.70 -1.48 0.00 N | 24.26 -1.34 -0.03 N | 18.62 -1.02 0.00 N | 29.14 -1.72 0.00 N | 27.26 -1.69 0.00 N | 26.56 -1.76 0.00 N | 25.43 -1.69 0.00 N | 22.62 -1.10 0.00 N | |
| NM_ST_REGIS___HYD 24053 | 19.60 -4.85 0.62 N | 5.97 -2.06 1.30 N | 16.36 -4.74 0.08 N | 9.52 -2.89 0.56 N | -66.11 -4.34 83.92 N | 26.14 -4.94 0.00 N | 26.30 -1.61 0.00 N | 33.51 -2.10 0.00 N | 26.48 -1.75 0.00 N | 32.37 -2.50 0.00 N | 71.65 -5.88 0.00 N | 24.02 -1.93 0.00 N | 26.15 -2.14 0.00 N | 23.40 -1.96 0.00 N | 28.38 -2.41 0.00 N | 24.49 -2.08 0.00 N | 25.96 -2.22 0.00 N | 23.57 -2.00 0.00 N | 18.20 -1.44 0.00 N | 28.71 -2.15 0.00 N | 26.92 -2.04 0.00 N | 26.46 -1.86 0.00 N | 25.33 -1.78 0.00 N | 22.18 -1.55 0.00 N | |
| NORTHPORT___1 23551 | 43.66 1.81 -16.77 N | 45.18 0.60 -35.25 N | 24.90 1.53 -2.20 N | 28.85 0.89 -14.99 N | 32.63 1.65 -8.84 N | 33.54 2.45 0.00 N | 30.34 2.77 0.34 N | 35.56 3.52 3.56 N | 37.56 2.90 -6.44 N | 51.95 3.95 -13.14 N | 86.27 8.74 0.00 N | 45.67 3.28 -16.45 N | 49.97 3.59 -18.10 N | 49.70 3.23 -21.11 N | 49.63 4.01 -14.83 N | 50.25 3.38 -20.31 N | 51.53 3.66 -19.69 N | 53.14 3.29 -24.28 N | 52.17 2.37 -30.16 N | 51.83 3.66 -17.32 N | 58.05 3.59 -25.50 N | 67.55 3.46 -35.77 N | 33.71 3.05 -3.54 N | 27.58 2.59 -1.26 N | |
| NORTHPORT___2 23552 | 43.66 1.81 -16.77 N | 45.18 0.60 -35.25 N | 24.90 1.53 -2.20 N | 28.85 0.89 -14.99 N | 32.63 1.65 -8.84 N | 33.54 2.45 0.00 N | 30.34 2.77 0.34 N | 35.56 3.52 3.56 N | 37.56 2.90 -6.44 N | 51.95 3.95 -13.14 N | 86.27 8.74 0.00 N | 45.67 3.28 -16.45 N | 49.97 3.59 -18.10 N | 49.70 3.23 -21.11 N | 49.63 4.01 -14.83 N | 50.25 3.38 -20.31 N | 51.53 3.66 -19.69 N | 53.14 3.29 -24.28 N | 52.17 2.37 -30.16 N | 51.83 3.66 -17.32 N | 58.05 3.59 -25.50 N | 67.55 3.46 -35.77 N | 33.71 3.05 -3.54 N | 27.58 2.59 -1.26 N | |
| NORTHPORT___3 23553 | 43.63 1.78 -16.77 N | 45.17 0.59 -35.25 N | 24.85 1.49 -2.20 N | 28.82 0.86 -14.99 N | 32.58 1.60 -8.84 N | 33.46 2.37 0.00 N | 30.27 2.69 0.34 N | 35.55 3.44 3.50 N | 37.52 2.84 -6.45 N | 51.90 3.89 -13.14 N | 86.11 8.58 0.00 N | 45.64 3.24 -16.45 N | 49.92 3.54 -18.10 N | 49.65 3.18 -21.11 N | 49.59 3.96 -14.83 N | 50.22 3.35 -20.31 N | 51.45 3.58 -19.69 N | 53.04 3.19 -24.28 N | 52.12 2.31 -30.16 N | 51.75 3.58 -17.32 N | 57.97 3.51 -25.50 N | 67.52 3.43 -35.77 N | 33.72 3.06 -3.54 N | 27.54 2.56 -1.26 N | |
| NORTHPORT___4 23650 | 43.63 1.78 -16.77 N | 45.17 0.59 -35.25 N | 24.85 1.49 -2.20 N | 28.82 0.86 -14.99 N | 32.58 1.60 -8.84 N | 33.46 2.37 0.00 N | 30.27 2.69 0.34 N | 35.55 3.44 3.50 N | 37.52 2.84 -6.45 N | 51.90 3.89 -13.14 N | 86.11 8.58 0.00 N | 45.64 3.24 -16.45 N | 49.92 3.54 -18.10 N | 49.65 3.18 -21.11 N | 49.59 3.96 -14.83 N | 50.22 3.35 -20.31 N | 51.45 3.58 -19.69 N | 53.04 3.19 -24.28 N | 52.12 2.31 -30.16 N | 51.75 3.58 -17.32 N | 57.97 3.51 -25.50 N | 67.52 3.43 -35.77 N | 33.72 3.06 -3.54 N | 27.54 2.56 -1.26 N | |
| NORTHPORT___IC | 43.66 | 45.18 | 24.90 | 28.85 | 32.63 | 33.54 | 30.34 | 35.56 | 37.56 | 51.95 | 86.27 | 45.67 | 49.97 | 49.70 | 49.63 | 50.25 | 51.53 | 53.14 | 52.17 | 51.83 | 58.05 | 67.55 | 33.71 | 27.58 | |

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|--------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|
| 23718 | 1.81 -16.77 N | 0.60 -35.25 N | 1.53 -2.20 N | 0.89 -14.99 N | 1.65 -8.84 N | 2.45 0.00 N | 2.77 0.34 N | 3.52 3.56 N | 2.90 -6.44 N | 3.95 -13.14 N | 8.74 0.00 N | 3.28 -16.45 N | 3.59 -18.10 N | 3.23 -21.11 N | 4.01 -14.83 N | 3.38 -20.31 N | 3.66 -19.69 N | 3.29 -24.28 N | 2.37 -30.16 N | 3.66 -17.32 N | 3.59 -25.50 N | 3.46 -35.77 N | 3.05 -3.54 N | 2.59 -1.26 N |
| NPX_GEN_1385_PROXY 323591 | 43.66 1.81 -16.77 N | 45.18 0.60 -35.25 N | 24.90 1.53 -2.20 N | 28.85 0.89 -14.99 N | 32.63 1.65 -8.84 N | 33.54 2.45 0.00 N | 30.34 2.77 0.34 N | 35.56 3.52 3.56 N | 37.56 2.90 -6.44 N | 48.92 4.26 -5.98 N | 86.27 8.74 0.00 N | 39.17 4.36 1.56 N | 49.97 3.59 -18.10 N | 49.70 3.23 -21.11 N | 49.63 4.01 -14.83 N | 50.25 3.38 -20.31 N | 51.53 3.66 -19.69 N | 53.14 3.29 -24.28 N | 52.17 2.37 -30.16 N | 51.83 3.66 -17.32 N | 58.05 3.59 -25.50 N | 67.55 3.46 -35.77 N | 33.71 3.05 -3.54 N | 27.58 2.59 -1.26 N |
| NPX_GEN_CSC 323557 | 43.93 2.08 -16.77 N | 45.27 0.68 -35.25 N | 25.37 1.99 -2.20 N | 29.12 1.17 -14.99 N | 33.12 2.14 -8.84 N | 34.12 3.03 0.00 N | 30.74 3.14 0.31 N | 36.01 3.66 3.25 N | 37.76 3.03 -6.50 N | 49.18 4.51 -5.98 N | 86.86 9.33 0.00 N | 39.47 4.64 1.54 N | 50.19 3.80 -18.10 N | 49.91 3.43 -21.12 N | 49.88 4.25 -14.84 N | 50.48 3.60 -20.31 N | 51.77 3.90 -19.69 N | 53.34 3.48 -24.28 N | 52.32 2.52 -30.16 N | 52.09 3.91 -17.32 N | 58.34 3.88 -25.50 N | 67.80 3.71 -35.77 N | 33.89 3.23 -3.54 N | 27.90 2.91 -1.26 N |
| NSINS_S_GLNS_FALLS 23858 | 48.03 1.08 -21.88 N | 55.71 0.39 -45.99 N | 24.80 0.76 -2.87 N | 32.96 0.43 -19.56 N | 34.49 0.82 -11.53 N | 32.18 1.09 0.00 N | 29.40 1.49 0.00 N | 37.49 1.88 0.00 N | 29.52 1.30 0.00 N | 36.66 1.79 0.00 N | 81.94 4.42 0.00 N | 35.58 1.75 -7.88 N | 30.20 1.92 0.00 N | 27.13 1.77 0.00 N | 33.05 2.26 0.00 N | 28.51 1.94 0.00 N | 30.23 2.05 0.00 N | 27.75 1.94 -0.25 N | 21.03 1.39 0.00 N | 33.06 2.20 0.00 N | 31.10 2.15 0.00 N | 30.12 1.80 0.00 N | 28.62 1.50 0.00 N | 24.95 1.22 0.00 N |
| NUCOR_STEEL___DRP 24197 | 27.70 0.61 -2.01 N | 13.84 0.27 -4.23 N | 22.02 0.58 -0.26 N | 15.15 0.39 -1.80 N | 23.69 0.49 -1.06 N | 31.81 0.72 0.00 N | 28.87 0.96 0.00 N | 36.83 1.22 0.00 N | 29.12 0.89 0.00 N | 36.17 1.30 0.00 N | 82.26 4.73 0.00 N | 27.79 1.13 -0.72 N | 29.59 1.30 0.00 N | 26.72 1.36 0.00 N | 32.19 1.40 0.00 N | 27.87 1.30 0.00 N | 29.47 1.29 0.00 N | 26.73 1.14 -0.02 N | 20.40 0.75 0.00 N | 31.74 0.88 0.00 N | 29.81 0.86 0.00 N | 29.16 0.84 0.00 N | 27.82 0.70 0.00 N | 24.29 0.57 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 25.08 0.00 0.00 N | 9.33 0.00 0.00 N | 21.17 0.00 0.00 N | 12.97 0.00 0.00 N | 22.14 0.00 0.00 N | 31.09 0.00 0.00 N | 27.91 0.00 0.00 N | 35.61 0.00 0.00 N | 28.23 0.00 0.00 N | 34.87 0.00 0.00 N | 77.52 0.00 0.00 N | 25.95 0.00 0.00 N | 28.28 0.00 0.00 N | 25.36 0.00 0.00 N | 30.79 0.00 0.00 N | 26.56 0.00 0.00 N | 28.17 0.00 0.00 N | 25.57 0.00 0.00 N | 19.64 0.00 0.00 N | 30.85 0.00 0.00 N | 28.95 0.00 0.00 N | 28.32 0.00 0.00 N | 27.12 0.00 0.00 N | 23.73 0.00 0.00 N |
| NYPA_BRENTWD____GT 24164 | 43.88 2.04 -16.77 N | 45.25 0.67 -35.25 N | 25.08 1.71 -2.20 N | 28.96 1.00 -14.99 N | 32.82 1.84 -8.84 N | 33.79 2.70 0.00 N | 30.65 3.02 0.28 N | 36.53 3.85 2.92 N | 37.98 3.19 -6.56 N | 52.39 4.37 -13.16 N | 87.32 9.80 0.00 N | 46.06 3.63 -16.48 N | 50.36 3.97 -18.10 N | 50.06 3.58 -21.13 N | 50.07 4.44 -14.85 N | 50.63 3.76 -20.31 N | 51.93 4.06 -19.69 N | 53.48 3.63 -24.28 N | 52.43 2.62 -30.16 N | 52.23 4.05 -17.32 N | 58.34 3.89 -25.50 N | 67.84 3.75 -35.77 N | 34.04 3.38 -3.54 N | 27.83 2.84 -1.26 N |
| NYPA_GOWANUS____GT5 24156 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| NYPA_GOWANUS____GT6 24157 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |
| NYPA_HARLEM__RVR__GT1 24160 | 43.63 1.78 -16.77 N | 45.23 0.65 -35.25 N | 24.78 1.41 -2.20 N | 28.79 0.83 -14.99 N | 32.49 1.51 -8.84 N | 33.30 2.21 0.00 N | 30.17 2.26 0.00 N | 38.47 2.86 0.00 N | 30.77 2.54 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.10 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.80 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.28 2.96 0.00 N | 29.60 2.48 0.00 N | 25.77 2.04 0.00 N |
| NYPA_HARLEM__RVR__GT2 24161 | 43.63 1.78 -16.77 N | 45.23 0.65 -35.25 N | 24.78 1.41 -2.20 N | 28.79 0.83 -14.99 N | 32.49 1.51 -8.84 N | 33.30 2.21 0.00 N | 30.17 2.26 0.00 N | 38.47 2.86 0.00 N | 30.77 2.54 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.10 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.80 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.28 2.96 0.00 N | 29.60 2.48 0.00 N | 25.77 2.04 0.00 N |
| NYPA_KENT____GT 24152 | 43.65 1.80 -16.77 N | 45.20 0.61 -35.25 N | 24.78 1.41 -2.20 N | 28.79 0.84 -14.99 N | 32.49 1.51 -8.84 N | 33.31 2.22 0.00 N | 30.27 2.36 0.00 N | 38.72 3.11 0.00 N | 30.90 2.67 0.00 N | 38.63 3.76 0.00 N | 86.84 9.32 0.00 N | 36.51 3.23 -7.33 N | 31.83 3.55 0.00 N | 28.57 3.21 0.00 N | 34.84 3.99 -0.06 N | 29.93 3.36 0.00 N | 31.73 3.56 0.00 N | 28.91 3.15 -0.19 N | 21.89 2.25 0.00 N | 34.26 3.40 0.00 N | 32.35 3.39 0.00 N | 31.44 3.12 0.00 N | 29.76 2.64 0.00 N | 25.89 2.16 0.00 N |
| NYPA_POUCH1____GT 24155 | 43.64 1.80 -16.77 N | 45.19 0.61 -35.25 N | 24.76 1.39 -2.20 N | 28.79 0.83 -14.99 N | 32.48 1.50 -8.84 N | 33.29 2.20 0.00 N | 30.24 2.33 0.00 N | 38.68 3.07 0.00 N | 30.83 2.61 0.00 N | 38.52 3.65 0.00 N | 86.60 9.08 0.00 N | 36.42 3.14 -7.33 N | 31.74 3.46 0.00 N | 28.49 3.13 0.00 N | 34.77 3.92 -0.06 N | 29.85 3.29 0.00 N | 31.65 3.47 0.00 N | 28.83 3.07 -0.19 N | 21.82 2.18 0.00 N | 34.17 3.32 0.00 N | 32.28 3.33 0.00 N | 31.40 3.08 0.00 N | 29.72 2.61 0.00 N | 25.89 2.16 0.00 N |
| NYPA_VERNON____GT2 24162 | 43.60 1.75 -16.77 N | 45.18 0.61 -35.25 N | 24.76 1.39 -2.20 N | 28.78 0.82 -14.99 N | 32.46 1.48 -8.84 N | 33.27 2.18 0.00 N | 30.23 2.32 0.00 N | 38.68 3.07 0.00 N | 30.87 2.65 0.00 N | 38.59 3.72 0.00 N | 86.79 9.26 0.00 N | 36.49 3.21 -7.33 N | 31.80 3.52 0.00 N | 28.55 3.19 0.00 N | 34.80 3.95 -0.06 N | 29.90 3.33 0.00 N | 31.70 3.53 0.00 N | 28.89 3.13 -0.19 N | 21.88 2.23 0.00 N | 34.22 3.36 0.00 N | 32.31 3.36 0.00 N | 31.40 3.08 0.00 N | 29.71 2.59 0.00 N | 25.84 2.12 0.00 N |

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| NYPA_VERNON____GT3 24163 | 43.60 1.75 -16.77 N | 45.18 0.61 -35.25 N | 24.76 1.39 -2.20 N | 28.78 0.82 -14.99 N | 32.46 1.48 -8.84 N | 33.27 2.18 0.00 N | 30.23 2.32 0.00 N | 38.68 3.07 0.00 N | 30.87 2.65 0.00 N | 38.59 3.72 0.00 N | 86.79 9.26 0.00 N | 36.49 3.21 -7.33 N | 31.80 3.52 0.00 N | 28.55 3.19 0.00 N | 34.80 3.95 -0.06 N | 29.90 3.33 0.00 N | 31.70 3.53 0.00 N | 28.89 3.13 -0.19 N | 21.88 2.23 0.00 N | 34.22 3.36 0.00 N | 32.31 3.36 0.00 N | 31.40 3.08 0.00 N | 29.71 2.59 0.00 N | 25.84 2.12 0.00 N |
| NYPA____ASTORIA_CC1 323568 | 43.58 1.73 -16.77 N | 45.18 0.60 -35.25 N | 24.74 1.37 -2.20 N | 28.77 0.81 -14.99 N | 32.44 1.46 -8.84 N | 33.24 2.15 0.00 N | 30.21 2.30 0.00 N | 38.64 3.03 0.00 N | 30.85 2.62 0.00 N | 38.57 3.70 0.00 N | 86.67 9.15 0.00 N | 36.46 3.19 -7.33 N | 31.78 3.49 0.00 N | 28.52 3.16 0.00 N | 34.76 3.92 -0.06 N | 29.87 3.30 0.00 N | 31.68 3.50 0.00 N | 28.87 3.11 -0.19 N | 21.86 2.22 0.00 N | 34.19 3.34 0.00 N | 32.28 3.33 0.00 N | 31.38 3.06 0.00 N | 29.68 2.56 0.00 N | 25.81 2.09 0.00 N |
| NYPA____ASTORIA_CC2 323569 | 43.58 1.73 -16.77 N | 45.18 0.60 -35.25 N | 24.74 1.37 -2.20 N | 28.77 0.81 -14.99 N | 32.44 1.46 -8.84 N | 33.24 2.15 0.00 N | 30.21 2.30 0.00 N | 38.64 3.03 0.00 N | 30.85 2.62 0.00 N | 38.57 3.70 0.00 N | 86.67 9.15 0.00 N | 36.46 3.19 -7.33 N | 31.78 3.49 0.00 N | 28.52 3.16 0.00 N | 34.76 3.92 -0.06 N | 29.87 3.30 0.00 N | 31.68 3.50 0.00 N | 28.87 3.11 -0.19 N | 21.86 2.22 0.00 N | 34.19 3.34 0.00 N | 32.28 3.33 0.00 N | 31.38 3.06 0.00 N | 29.68 2.56 0.00 N | 25.81 2.09 0.00 N |
| NYPA____HOLTSVILL 23794 | 43.87 2.02 -16.77 N | 45.26 0.67 -35.25 N | 25.14 1.77 -2.20 N | 29.00 1.04 -14.99 N | 32.89 1.92 -8.84 N | 33.88 2.79 0.00 N | 30.62 3.04 0.33 N | 35.97 3.76 3.40 N | 37.79 3.10 -6.47 N | 52.26 4.25 -13.14 N | 87.01 9.49 0.00 N | 45.92 3.52 -16.46 N | 50.24 3.85 -18.10 N | 49.96 3.48 -21.12 N | 49.93 4.31 -14.84 N | 50.52 3.64 -20.31 N | 51.81 3.94 -19.69 N | 53.37 3.52 -24.28 N | 52.35 2.55 -30.16 N | 52.12 3.95 -17.32 N | 58.35 3.89 -25.50 N | 67.82 3.73 -35.77 N | 33.94 3.28 -3.54 N | 27.81 2.82 -1.26 N |
| NYPA____HELLGATE_GT1 24158 | 43.63 1.78 -16.77 N | 45.23 0.65 -35.25 N | 24.78 1.41 -2.20 N | 28.79 0.83 -14.99 N | 32.49 1.51 -8.84 N | 33.30 2.21 0.00 N | 30.17 2.26 0.00 N | 38.47 2.86 0.00 N | 30.77 2.54 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.10 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.80 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.28 2.96 0.00 N | 29.60 2.48 0.00 N | 25.77 2.04 0.00 N |
| NYPA____HELLGATE_GT2 24159 | 43.63 1.78 -16.77 N | 45.23 0.65 -35.25 N | 24.78 1.41 -2.20 N | 28.79 0.83 -14.99 N | 32.49 1.51 -8.84 N | 33.30 2.21 0.00 N | 30.17 2.26 0.00 N | 38.47 2.86 0.00 N | 30.77 2.54 0.00 N | 38.50 3.63 0.00 N | 86.45 8.92 0.00 N | 36.41 3.13 -7.33 N | 31.72 3.44 0.00 N | 28.46 3.10 0.00 N | 34.69 3.84 -0.06 N | 29.81 3.24 0.00 N | 31.61 3.43 0.00 N | 28.80 3.03 -0.19 N | 21.79 2.15 0.00 N | 34.10 3.24 0.00 N | 32.22 3.27 0.00 N | 31.28 2.96 0.00 N | 29.60 2.48 0.00 N | 25.77 2.04 0.00 N |
| NYS_BARGE____HYD 23848 | 25.98 -1.33 -2.23 N | 13.66 -0.36 -4.68 N | 20.56 -0.91 -0.29 N | 14.45 -0.50 -1.99 N | 22.04 -1.27 -1.17 N | 29.41 -1.68 0.00 N | 26.26 -1.65 0.00 N | 33.40 -2.21 0.00 N | 26.33 -1.90 0.00 N | 33.02 -1.85 0.00 N | 75.68 -1.85 0.00 N | 25.80 -0.93 -0.78 N | 27.28 -1.00 0.00 N | 24.56 -0.80 0.00 N | 29.60 -1.19 0.00 N | 25.73 -0.83 0.00 N | 27.32 -0.86 0.00 N | 24.81 -0.79 -0.03 N | 19.05 -0.59 0.00 N | 29.80 -1.06 0.00 N | 27.90 -1.05 0.00 N | 27.18 -1.14 0.00 N | 25.98 -1.14 0.00 N | 23.05 -0.67 0.00 N |
| O.H_GEN_BRUCE 24063 | 25.42 -1.86 -2.20 N | 13.42 -0.54 -4.63 N | 20.13 -1.33 -0.29 N | 14.18 -0.76 -1.97 N | 21.59 -1.71 -1.16 N | 28.78 -2.31 0.00 N | 25.60 -2.30 0.00 N | 32.51 -3.10 0.00 N | 25.58 -2.65 0.00 N | 35.38 -4.01 -0.71 N | 73.23 -4.29 0.00 N | 26.10 -2.25 8.02 N | 26.52 -1.76 0.00 N | 23.89 -1.47 0.00 N | 28.80 -1.99 0.00 N | 25.06 -1.50 0.00 N | 26.62 -1.55 0.00 N | 24.20 -1.40 -0.03 N | 18.57 -1.07 0.00 N | 29.06 -1.80 0.00 N | 27.18 -1.77 0.00 N | 26.49 -1.83 0.00 N | 37.06 -2.59 -10.66 N | 22.55 -1.18 0.00 N |
| OAK_ORCHARD____HYD 24046 | 26.24 -0.72 -1.88 N | 13.08 -0.19 -3.94 N | 20.92 -0.50 -0.25 N | 14.38 -0.26 -1.68 N | 22.44 -0.68 -0.99 N | 30.20 -0.89 0.00 N | 27.15 -0.76 0.00 N | 34.63 -0.97 0.00 N | 27.40 -0.82 0.00 N | 34.15 -0.72 0.00 N | 77.44 -0.09 0.00 N | 26.40 -0.22 -0.66 N | 28.05 -0.23 0.00 N | 25.28 -0.08 0.00 N | 30.53 -0.26 0.00 N | 26.47 -0.09 0.00 N | 28.06 -0.11 0.00 N | 25.47 -0.12 -0.02 N | 19.53 -0.11 0.00 N | 30.56 -0.30 0.00 N | 28.64 -0.32 0.00 N | 27.94 -0.38 0.00 N | 26.70 -0.41 0.00 N | 23.46 -0.26 0.00 N |
| OCC_CHEM____DRP 24175 | 25.62 -1.74 -2.28 N | 13.63 -0.50 -4.80 N | 20.24 -1.23 -0.30 N | 14.31 -0.70 -2.04 N | 21.74 -1.61 -1.20 N | 28.92 -2.17 0.00 N | 25.73 -2.17 0.00 N | 32.65 -2.96 0.00 N | 25.69 -2.54 0.00 N | 32.18 -2.69 0.00 N | 73.64 -3.89 0.00 N | 25.24 -1.50 -0.80 N | 26.65 -1.63 0.00 N | 24.00 -1.36 0.00 N | 28.93 -1.86 0.00 N | 25.17 -1.39 0.00 N | 26.74 -1.43 0.00 N | 24.30 -1.30 -0.03 N | 18.65 -0.99 0.00 N | 29.18 -1.67 0.00 N | 27.31 -1.65 0.00 N | 26.61 -1.71 0.00 N | 25.48 -1.64 0.00 N | 22.66 -1.07 0.00 N |
| OLIN_CORP_DRP 24177 | 25.73 -1.66 -2.31 N | 13.72 -0.47 -4.86 N | 20.31 -1.17 -0.30 N | 14.37 -0.66 -2.07 N | 21.81 -1.55 -1.22 N | 29.02 -2.07 0.00 N | 25.85 -2.06 0.00 N | 32.80 -2.80 0.00 N | 25.82 -2.41 0.00 N | 32.36 -2.51 0.00 N | 74.09 -3.44 0.00 N | 25.36 -1.40 -0.81 N | 26.77 -1.52 0.00 N | 24.10 -1.26 0.00 N | 29.04 -1.75 0.00 N | 25.27 -1.30 0.00 N | 26.85 -1.33 0.00 N | 24.39 -1.21 -0.03 N | 18.72 -0.92 0.00 N | 29.29 -1.56 0.00 N | 27.42 -1.53 0.00 N | 26.71 -1.61 0.00 N | 25.56 -1.55 0.00 N | 22.73 -1.00 0.00 N |
| ONONDAGA_REF_OCCRA 23987 | 26.49 -0.11 -1.51 N | 12.49 -0.03 -3.19 N | 21.29 -0.08 -0.20 N | 14.28 -0.04 -1.36 N | 22.80 -0.13 -0.80 N | 30.98 -0.11 0.00 N | 27.99 0.08 0.00 N | 35.75 0.14 0.00 N | 28.31 0.08 0.00 N | 35.11 0.25 0.00 N | 78.90 1.38 0.00 N | 26.79 0.30 -0.55 N | 28.61 0.32 0.00 N | 25.68 0.32 0.00 N | 31.09 0.30 0.00 N | 26.84 0.28 0.00 N | 28.45 0.28 0.00 N | 25.80 0.22 -0.02 N | 19.78 0.14 0.00 N | 31.01 0.16 0.00 N | 29.18 0.23 0.00 N | 28.49 0.17 0.00 N | 27.26 0.14 0.00 N | 23.80 0.07 0.00 N |
| ONONDAGA____COGEN 23986 | 26.64 -0.06 -1.62 N | 12.72 -0.01 -3.40 N | 21.35 -0.03 -0.21 N | 14.40 -0.01 -1.45 N | 22.91 -0.08 -0.85 N | 31.05 -0.04 0.00 N | 28.06 0.15 0.00 N | 35.83 0.22 0.00 N | 28.31 0.09 0.00 N | 35.16 0.30 0.00 N | 79.00 1.47 0.00 N | 26.83 0.30 -0.58 N | 28.59 0.31 0.00 N | 25.65 0.29 0.00 N | 31.01 0.22 0.00 N | 26.79 0.22 0.00 N | 28.38 0.21 0.00 N | 25.72 0.14 -0.02 N | 19.71 0.07 0.00 N | 30.92 0.06 0.00 N | 29.15 0.20 0.00 N | 28.47 0.15 0.00 N | 27.25 0.13 0.00 N | 23.80 0.07 0.00 N |
| ONTARIO____LFGE 23819 | 27.71 0.40 -2.23 N | 14.24 0.21 -4.69 N | 21.93 0.47 -0.29 N | 15.26 0.30 -2.00 N | 23.62 0.30 -1.18 N | 31.59 0.50 0.00 N | 28.67 0.76 0.00 N | 36.66 1.05 0.00 N | 28.98 0.75 0.00 N | 36.23 1.36 0.00 N | 83.33 5.81 0.00 N | 27.93 1.18 -0.80 N | 29.57 1.28 0.00 N | 26.58 1.22 0.00 N | 32.13 1.34 0.00 N | 27.77 1.21 0.00 N | 29.38 1.21 0.00 N | 26.59 1.00 -0.03 N | 20.40 0.76 0.00 N | 31.97 1.12 0.00 N | 30.04 1.09 0.00 N | 29.23 0.91 0.00 N | 27.89 0.77 0.00 N | 24.38 0.65 0.00 N |

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| 23538 | 1.75 -16.77 N | 0.60 -35.25 N | 1.38 -2.20 N | 0.82 -14.99 N | 1.48 -8.84 N | 2.18 0.00 N | 2.32 0.00 N | 3.07 0.00 N | 2.64 0.00 N | 3.72 0.00 N | 9.26 0.00 N | 3.21 -7.33 N | 3.52 0.00 N | 3.18 0.00 N | 3.94 -0.06 N | 3.32 0.00 N | 3.53 0.00 N | 3.13 -0.19 N | 2.23 0.00 N | 3.36 0.00 N | 3.35 0.00 N | 3.08 0.00 N | 2.59 0.00 N | 2.12 0.00 N |
| WDELAWARE___HYD 323627 | 40.57 0.81 -14.68 N | 40.55 0.35 -30.86 N | 23.88 0.78 -1.92 N | 26.57 0.47 -13.13 N | 30.75 0.87 -7.74 N | 32.40 1.31 0.00 N | 29.35 1.44 0.00 N | 37.47 1.87 0.00 N | 29.09 0.87 0.00 N | 36.43 1.56 0.00 N | 82.40 4.88 0.00 N | 32.92 1.08 -5.89 N | 29.46 1.18 0.00 N | 26.58 1.22 0.00 N | 32.41 1.62 0.00 N | 27.73 1.16 0.00 N | 29.44 1.27 0.00 N | 26.96 1.22 -0.17 N | 20.63 0.98 0.00 N | 32.12 1.27 0.00 N | 30.32 1.36 0.00 N | 29.60 1.29 0.00 N | 28.15 1.03 0.00 N | 24.37 0.65 0.00 N |
| WEST BABYLON___IC 23714 | 43.86 2.01 -16.77 N | 45.21 0.62 -35.25 N | 24.96 1.58 -2.20 N | 28.88 0.92 -14.99 N | 32.68 1.70 -8.84 N | 33.60 2.51 0.00 N | 30.64 2.84 0.10 N | 38.20 3.66 1.07 N | 38.20 3.05 -6.93 N | 52.31 4.22 -13.22 N | 87.07 9.55 0.00 N | 46.06 3.55 -16.56 N | 50.29 3.90 -18.11 N | 50.04 3.53 -21.16 N | 50.05 4.38 -14.88 N | 50.59 3.71 -20.31 N | 51.82 3.95 -19.69 N | 53.38 3.53 -24.28 N | 52.35 2.55 -30.16 N | 52.09 3.91 -17.32 N | 58.29 3.83 -25.50 N | 67.79 3.70 -35.77 N | 33.94 3.28 -3.54 N | 27.71 2.72 -1.26 N |
| WEST CANADA___HYD 24049 | 24.51 -0.08 0.48 N | 8.28 -0.04 1.02 N | 21.03 -0.08 0.06 N | 12.48 -0.05 0.43 N | 21.84 -0.05 0.25 N | 31.07 -0.02 0.00 N | 28.07 0.16 0.00 N | 35.82 0.21 0.00 N | 28.37 0.14 0.00 N | 35.09 0.22 0.00 N | 78.23 0.70 0.00 N | 26.02 0.24 0.16 N | 28.56 0.28 0.00 N | 25.61 0.26 0.00 N | 31.10 0.31 0.00 N | 26.83 0.27 0.00 N | 28.46 0.28 0.00 N | 25.82 0.25 0.00 N | 19.81 0.17 0.00 N | 31.11 0.25 0.00 N | 29.21 0.26 0.00 N | 28.52 0.20 0.00 N | 27.27 0.15 0.00 N | 23.84 0.12 0.00 N |
| WESTERN_NY_WIND 24143 | 26.38 -0.84 -2.14 N | 13.63 -0.20 -4.50 N | 20.91 -0.55 -0.28 N | 14.60 -0.28 -1.92 N | 22.42 -0.85 -1.13 N | 30.03 -1.07 0.00 N | 26.93 -0.98 0.00 N | 34.36 -1.24 0.00 N | 27.15 -1.07 0.00 N | 34.03 -0.84 0.00 N | 77.85 0.33 0.00 N | 26.49 -0.21 -0.75 N | 28.04 -0.24 0.00 N | 25.25 -0.11 0.00 N | 30.43 -0.36 0.00 N | 26.43 -0.14 0.00 N | 28.02 -0.16 0.00 N | 25.43 -0.17 -0.02 N | 19.51 -0.13 0.00 N | 30.52 -0.33 0.00 N | 28.60 -0.35 0.00 N | 27.88 -0.44 0.00 N | 26.62 -0.50 0.00 N | 23.52 -0.20 0.00 N |
| WETHRSFD_WT_PWR 323626 | 27.25 -0.62 -2.78 N | 15.07 -0.12 -5.85 N | 21.22 -0.31 -0.36 N | 15.28 -0.18 -2.49 N | 22.83 -0.79 -1.47 N | 30.02 -1.07 0.00 N | 27.02 -0.89 0.00 N | 34.48 -1.12 0.00 N | 27.26 -0.97 0.00 N | 34.34 -0.53 0.00 N | 79.70 2.18 0.00 N | 26.86 -0.07 -0.98 N | 28.16 -0.12 0.00 N | 25.20 -0.15 0.00 N | 30.43 -0.36 0.00 N | 26.43 -0.14 0.00 N | 28.04 -0.13 0.00 N | 25.44 -0.16 -0.03 N | 19.56 -0.07 0.00 N | 30.68 -0.17 0.00 N | 28.77 -0.19 0.00 N | 27.89 -0.42 0.00 N | 26.64 -0.48 0.00 N | 23.51 -0.22 0.00 N |
| YORK___WARBASSE 23770 | 43.69 1.84 -16.77 N | 45.21 0.63 -35.25 N | 24.81 1.43 -2.20 N | 28.81 0.85 -14.99 N | 32.51 1.53 -8.84 N | 33.34 2.26 0.00 N | 30.30 2.39 0.00 N | 38.77 3.16 0.00 N | 30.92 2.69 0.00 N | 38.65 3.78 0.00 N | 86.94 9.41 0.00 N | 36.52 3.25 -7.33 N | 31.86 3.57 0.00 N | 28.59 3.23 0.00 N | 34.88 4.03 -0.06 N | 29.95 3.38 0.00 N | 31.76 3.58 0.00 N | 28.93 3.17 -0.19 N | 21.90 2.26 0.00 N | 34.29 3.43 0.00 N | 32.38 3.43 0.00 N | 31.48 3.16 0.00 N | 29.81 2.69 0.00 N | 25.94 2.21 0.00 N |