

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

01/30/2013

| Name | PTID | 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 |
|-------------------------------|-------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 59TH STREET_GT_1 24138 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| | 25.50 | 26.85 | 23.68 | 39.12 | 53.59 | 38.21 | 34.49 | 41.89 | 36.68 | 36.73 | 34.59 | 32.59 | 31.44 | 31.54 | 31.39 | 30.94 | 31.52 | 40.48 | 50.50 | 35.84 | 28.64 | 23.97 | 15.99 | 12.75 | |
| | 2.15 | 1.42 | 1.60 | 0.54 | -1.58 | 1.60 | 2.32 | 2.05 | 2.29 | 3.14 | 3.58 | 3.57 | 3.49 | 3.50 | 3.56 | 3.52 | 3.45 | 4.18 | 5.44 | 3.81 | 3.05 | 2.46 | 1.55 | 1.16 | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.75 | -18.91 | -10.54 | -22.16 | -15.93 | -8.77 | -3.13 | -1.28 | -0.89 | -1.05 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 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 24260 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| | 25.51 | 26.86 | 23.70 | 39.13 | 53.58 | 38.22 | 34.49 | 41.89 | 36.68 | 36.49 | 34.45 | 32.53 | 31.39 | 31.50 | 31.40 | 30.94 | 31.53 | 40.49 | 50.50 | 35.87 | 28.66 | 23.99 | 16.01 | 12.76 | |
| | 2.16 | 1.42 | 1.62 | 0.54 | -1.59 | 1.61 | 2.32 | 2.05 | 2.29 | 3.14 | 3.57 | 3.56 | 3.48 | 3.49 | 3.57 | 3.52 | 3.47 | 4.19 | 5.45 | 3.84 | 3.08 | 2.48 | 1.57 | 1.16 | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.52 | -3.00 | -1.23 | -0.86 | -1.01 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 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 24261 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| | 25.51 | 26.86 | 23.70 | 39.13 | 53.58 | 38.22 | 34.49 | 41.89 | 36.68 | 36.49 | 34.45 | 32.53 | 31.39 | 31.50 | 31.40 | 30.94 | 31.53 | 40.49 | 50.50 | 35.87 | 28.66 | 23.99 | 16.01 | 12.76 | |
| | 2.16 | 1.42 | 1.62 | 0.54 | -1.59 | 1.61 | 2.32 | 2.05 | 2.29 | 3.14 | 3.57 | 3.56 | 3.48 | 3.49 | 3.57 | 3.52 | 3.47 | 4.19 | 5.45 | 3.84 | 3.08 | 2.48 | 1.57 | 1.16 | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.52 | -3.00 | -1.23 | -0.86 | -1.01 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 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 24011 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| | 25.91 | 29.64 | 24.52 | 48.62 | 75.44 | 43.96 | 37.54 | 48.40 | 41.22 | 31.09 | 30.60 | 30.11 | 29.23 | 29.12 | 30.13 | 29.72 | 30.47 | 40.30 | 49.34 | 34.84 | 27.49 | 22.99 | 15.27 | 12.22 | |
| | 2.19 | 1.63 | 1.98 | 0.67 | -1.97 | 1.79 | 2.27 | 2.01 | 2.12 | 2.60 | 2.72 | 2.37 | 2.17 | 2.13 | 2.30 | 2.30 | 2.40 | 3.24 | 4.24 | 2.81 | 1.91 | 1.48 | 0.83 | 0.62 | |
| | -1.63 | -11.34 | -2.03 | -41.24 | -97.99 | -24.47 | -13.63 | -28.72 | -20.63 | -3.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.18 | -0.16 | 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 23798 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| | 26.40 | 29.81 | 24.97 | 47.98 | 73.04 | 43.89 | 37.65 | 48.23 | 41.28 | 31.75 | 31.37 | 30.98 | 30.06 | 29.95 | 31.09 | 30.69 | 31.42 | 41.32 | 50.88 | 35.91 | 28.33 | 23.60 | 15.71 | 12.65 | |
| | 2.71 | 2.03 | 2.47 | 0.85 | -2.43 | 2.21 | 2.66 | 2.41 | 2.59 | 3.33 | 3.48 | 3.24 | 3.00 | 2.96 | 3.27 | 3.27 | 3.35 | 4.33 | 5.78 | 3.88 | 2.74 | 2.09 | 1.27 | 1.05 | |
| | -1.59 | -11.12 | -1.99 | -40.42 | -96.05 | -23.98 | -13.36 | -28.14 | -20.22 | -3.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.11 | -0.16 | 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 24028 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| | 25.91 | 29.64 | 24.52 | 48.62 | 75.44 | 43.96 | 37.54 | 48.40 | 41.22 | 31.09 | 30.60 | 30.11 | 29.23 | 29.12 | 30.13 | 29.72 | 30.47 | 40.30 | 49.34 | 34.84 | 27.49 | 22.99 | 15.27 | 12.22 | |
| | 2.19 | 1.63 | 1.98 | 0.67 | -1.97 | 1.79 | 2.27 | 2.01 | 2.12 | 2.60 | 2.72 | 2.37 | 2.17 | 2.13 | 2.30 | 2.30 | 2.40 | 3.24 | 4.24 | 2.81 | 1.91 | 1.48 | 0.83 | 0.62 | |
| | -1.63 | -11.34 | -2.03 | -41.24 | -97.99 | -24.47 | -13.63 | -28.72 | -20.63 | -3.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.18 | -0.16 | 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 23527 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| | 25.73 | 29.27 | 24.35 | 47.66 | 73.43 | 43.24 | 36.86 | 47.40 | 40.36 | 30.77 | 30.50 | 30.31 | 29.50 | 29.43 | 30.48 | 30.06 | 30.71 | 40.33 | 49.58 | 35.00 | 27.70 | 23.20 | 15.53 | 12.54 | |
| | 2.04 | 1.51 | 1.85 | 0.63 | -1.81 | 1.61 | 1.90 | 1.64 | 1.72 | 2.36 | 2.62 | 2.57 | 2.43 | 2.43 | 2.66 | 2.64 | 2.65 | 3.34 | 4.49 | 2.97 | 2.12 | 1.70 | 1.08 | 0.94 | |
| | -1.59 | -11.09 | -1.99 | -40.33 | -95.83 | -23.93 | -13.33 | -28.08 | -20.18 | -3.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.10 | -0.16 | 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 24190 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| | 24.97 | 28.73 | 23.77 | 47.19 | 73.36 | 42.53 | 36.12 | 46.34 | 39.34 | 29.55 | 29.14 | 28.98 | 28.25 | 28.19 | 29.12 | 28.71 | 29.28 | 38.53 | 47.14 | 33.39 | 26.58 | 22.39 | 15.00 | 12.11 | |
| | 1.30 | 1.04 | 1.29 | 0.43 | -1.22 | 1.07 | 1.25 | 0.76 | 0.83 | 1.17 | 1.26 | 1.24 | 1.19 | 1.19 | 1.29 | 1.28 | 1.22 | 1.57 | 2.05 | 1.36 | 0.99 | 0.89 | 0.56 | 0.51 | |
| | -1.58 | -11.02 | -1.97 | -40.05 | -95.17 | -23.76 | -13.24 | -27.91 | -20.05 | -3.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.08 | -0.16 | 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 23571 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| | 24.97 | 28.73 | 23.77 | 47.19 | 73.36 | 42.53 | 36.12 | 46.34 | 39.34 | 29.55 | 29.14 | 28.98 | 28.25 | 28.19 | 29.12 | 28.71 | 29.28 | 38.53 | 47.14 | 33.39 | 26.58 | 22.39 | 15.00 | 12.11 | |
| | 1.30 | 1.04 | 1.29 | 0.43 | -1.22 | 1.07 | 1.25 | 0.76 | 0.83 | 1.17 | 1.26 | 1.24 | 1.19 | 1.19 | 1.29 | 1.28 | 1.22 | 1.57 | 2.05 | 1.36 | 0.99 | 0.89 | 0.56 | 0.51 | |
| | -1.58 | -11.02 | -1.97 | -40.05 | -95.17 | -23.76 | -13.24 | -27.91 | -20.05 | -3.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.08 | -0.16 | 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 23572 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| | 24.97 | 28.73 | 23.77 | 47.19 | 73.36 | 42.53 | 36.12 | 46.34 | 39.34 | 29.55 | 29.14 | 28.98 | 28.25 | 28.19 | 29.12 | 28.71 | 29.28 | 38.53 | 47.14 | 33.39 | 26.58 | 22.39 | 15.00 | 12.11 | |
| | 1.30 | 1.04 | 1.29 | 0.43 | -1.22 | 1.07 | 1.25 | 0.76 | 0.83 | 1.17 | 1.26 | 1.24 | 1.19 | 1.19 | 1.29 | 1.28 | 1.22 | 1.57 | 2.05 | 1.36 | 0.99 | 0.89 | 0.56 | 0.51 | |
| | -1.58 | -11.02 | -1.97 | -40.05 | -95.17 | -23.76 | -13.24 | -27.91 | -20.05 | -3.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.08 | -0.16 | 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 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| | 24.97 | 28.73 | 23.77 | 47.19 | 73.36 | 42.53 | 36.12 | 46.34 | 39.34 | 29.55 | 29.14 | 28.98 | 28.25 | 28.19 | 29.12 | 28.71 | 29.28 | 38.53 | 47.14 | 33.39 | 26.58 | 22.39 | 15.00 | 12.11 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|
| 23573 | 1.30 -1.58 N | 1.04 -11.02 N | 1.29 -1.97 N | 0.43 -40.05 N | -1.22 -95.17 N | 1.07 -23.76 N | 1.25 -13.24 N | 0.76 -27.91 N | 0.83 -20.05 N | 1.17 -3.57 N | 1.26 0.00 N | 1.24 0.00 N | 1.19 0.00 N | 1.19 0.00 N | 1.29 0.00 N | 1.28 0.00 N | 1.22 0.00 N | 1.57 -3.08 N | 2.05 -0.16 N | 1.36 0.00 N | 0.99 0.00 N | 0.89 0.00 N | 0.56 0.00 N | 0.51 0.00 N |
| ALBANY____4 23574 | 24.97 1.30 -1.58 N | 28.73 1.04 -11.02 N | 23.77 1.29 -1.97 N | 47.19 0.43 -40.05 N | 73.36 -1.22 -95.17 N | 42.53 1.07 -23.76 N | 36.12 1.25 -13.24 N | 46.34 0.76 -27.91 N | 39.34 0.83 -20.05 N | 29.55 1.17 -3.57 N | 29.14 1.26 0.00 N | 28.98 1.24 0.00 N | 28.25 1.19 0.00 N | 28.19 1.19 0.00 N | 29.12 1.29 0.00 N | 28.71 1.28 0.00 N | 29.28 1.22 0.00 N | 38.53 1.57 -3.08 N | 47.14 2.05 -0.16 N | 33.39 1.36 0.00 N | 26.58 0.99 0.00 N | 22.39 0.89 0.00 N | 15.00 0.56 0.00 N | 12.11 0.51 0.00 N |
| ALBANY____LFGE 323615 | 25.22 1.52 -1.61 N | 29.06 1.19 -11.21 N | 23.97 1.46 -2.01 N | 47.94 0.48 -40.75 N | 74.83 -1.41 -96.82 N | 43.11 1.24 -24.18 N | 36.59 1.49 -13.47 N | 47.10 1.04 -28.38 N | 39.98 1.12 -20.39 N | 29.99 1.53 -3.63 N | 29.54 1.65 0.00 N | 29.38 1.64 0.00 N | 28.64 1.58 0.00 N | 28.57 1.57 0.00 N | 29.52 1.69 0.00 N | 29.11 1.69 0.00 N | 29.71 1.64 0.00 N | 39.12 2.10 -3.14 N | 47.82 2.73 -0.16 N | 33.86 1.83 0.00 N | 26.94 1.35 0.00 N | 22.65 1.14 0.00 N | 15.16 0.72 0.00 N | 12.23 0.64 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 21.60 -0.50 0.00 N | 16.26 -0.40 0.00 N | 20.10 -0.41 0.00 N | 6.56 -0.14 0.00 N | -20.08 0.39 -0.11 N | 18.37 -0.41 -1.08 N | 22.02 -0.77 -1.17 N | 18.04 -0.63 -0.99 N | 18.56 -1.02 -1.12 N | 24.65 -1.44 -1.26 N | 27.76 -1.46 -1.34 N | 27.58 -1.28 -1.12 N | 26.05 -1.24 -0.22 N | 26.40 -1.26 -0.66 N | 27.64 -1.39 -1.20 N | 27.24 -1.47 -1.30 N | 27.72 -1.65 -1.30 N | 33.31 -2.00 -1.43 N | 42.79 -2.37 -0.24 N | 30.44 -1.59 0.00 N | 24.41 -1.18 0.00 N | 20.78 -0.72 0.00 N | 14.01 -0.43 0.00 N | 12.27 -0.40 -1.08 N |
| ALLEGHENY____COGEN 23514 | 23.06 0.71 -0.26 N | 18.84 0.36 -1.82 N | 21.15 0.31 -0.33 N | 13.42 0.09 -6.61 N | -5.09 -0.21 -15.71 N | 21.97 0.35 -3.92 N | 24.62 0.80 -2.19 N | 22.80 0.52 -4.60 N | 22.47 0.70 -3.31 N | 26.30 0.90 -0.59 N | 28.83 0.95 0.00 N | 28.68 0.94 0.00 N | 28.09 1.03 0.00 N | 28.00 1.00 0.00 N | 28.85 1.02 0.00 N | 28.40 0.98 0.00 N | 28.82 0.75 0.00 N | 35.02 0.72 -0.42 N | 45.73 0.78 -0.02 N | 32.77 0.74 0.00 N | 26.28 0.70 0.00 N | 22.06 0.55 0.00 N | 14.97 0.53 0.00 N | 12.05 0.45 0.00 N |
| ALTONA_WT_PWR 323606 | 20.97 -1.12 0.00 N | 15.72 -0.94 0.00 N | 19.46 -1.05 0.00 N | 6.33 -0.38 0.00 N | -23.99 1.04 4.44 N | -28.16 -1.06 44.80 N | -28.12 -1.52 48.24 N | -24.54 -1.18 41.04 N | -28.13 -1.50 45.09 N | -28.15 -2.11 50.87 N | -28.19 -2.26 53.81 N | -19.37 -2.06 45.06 N | 16.31 -1.91 8.84 N | -1.56 -1.97 26.59 N | -23.64 -2.12 49.35 N | -28.18 -2.25 53.36 N | -28.20 -2.43 53.84 N | -28.23 -2.93 59.17 N | 32.69 -2.34 9.91 N | 30.76 -1.28 0.00 N | 24.63 -0.96 0.00 N | 20.98 -0.52 0.00 N | 13.76 -0.68 0.00 N | -33.58 -0.74 44.43 N |
| AMERICAN_REF_FUEL 24010 | 21.63 -0.68 -0.22 N | 17.66 -0.55 -1.54 N | 20.02 -0.76 -0.28 N | 12.11 -0.23 -5.63 N | -6.19 1.02 -13.38 N | 20.19 -0.85 -3.34 N | 22.41 -1.08 -1.86 N | 20.18 -1.41 -3.92 N | 19.93 -1.39 -2.85 N | 23.33 -2.00 -0.51 N | 25.50 -2.38 0.00 N | 25.34 -2.40 0.00 N | 24.89 -2.17 0.00 N | 24.85 -2.15 0.00 N | 25.67 -2.16 0.00 N | 25.33 -2.09 0.00 N | 25.62 -2.44 0.00 N | 30.77 -3.48 -0.37 N | 40.19 -4.76 -0.02 N | 28.98 -3.05 0.00 N | 23.47 -2.11 0.00 N | 19.91 -1.60 0.00 N | 13.90 -0.54 0.00 N | 11.37 -0.23 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 25.44 2.09 -1.26 N | 26.80 1.37 -8.77 N | 23.64 1.56 -1.57 N | 39.12 0.53 -31.88 N | 53.63 -1.54 -75.76 N | 38.19 1.58 -18.91 N | 34.43 2.26 -10.54 N | 41.86 2.02 -22.16 N | 36.67 2.27 -15.93 N | 36.48 3.02 -8.64 N | 34.35 3.41 -3.06 N | 32.39 3.39 -1.26 N | 31.21 3.28 -0.88 N | 31.31 3.29 -1.02 N | 31.13 3.31 0.00 N | 30.68 3.25 0.00 N | 31.27 3.20 0.00 N | 40.12 3.82 -2.42 N | 50.05 5.00 -0.13 N | 35.71 3.68 0.00 N | 28.58 2.99 0.00 N | 23.93 2.42 -0.01 N | 15.95 1.51 0.00 N | 12.69 1.09 0.00 N |
| ARTHUR_KILL_2 23512 | 25.44 2.09 -1.26 N | 26.80 1.37 -8.77 N | 23.64 1.56 -1.57 N | 39.12 0.53 -31.88 N | 53.63 -1.54 -75.76 N | 38.19 1.58 -18.91 N | 34.43 2.26 -10.54 N | 41.86 2.02 -22.16 N | 36.67 2.27 -15.93 N | 36.48 3.02 -8.64 N | 34.35 3.41 -3.06 N | 32.39 3.39 -1.26 N | 31.21 3.28 -0.88 N | 31.31 3.29 -1.02 N | 31.13 3.31 0.00 N | 30.68 3.25 0.00 N | 31.27 3.20 0.00 N | 40.12 3.82 -2.42 N | 50.05 5.00 -0.13 N | 35.71 3.68 0.00 N | 28.58 2.99 0.00 N | 23.93 2.42 -0.01 N | 15.95 1.51 0.00 N | 12.69 1.09 0.00 N |
| ARTHUR_KILL_3 23513 | 25.41 2.06 -1.26 N | 26.78 1.34 -8.77 N | 23.59 1.51 -1.57 N | 39.10 0.51 -31.88 N | 53.68 -1.49 -75.76 N | 38.14 1.53 -18.91 N | 34.40 2.23 -10.54 N | 41.83 1.99 -22.16 N | 36.63 2.24 -15.93 N | 36.54 3.07 -8.64 N | 34.44 3.49 -3.06 N | 32.49 3.49 -1.26 N | 31.33 3.40 -0.87 N | 31.44 3.41 -1.03 N | 31.31 3.48 0.00 N | 30.86 3.44 0.00 N | 31.44 3.37 0.00 N | 40.34 4.04 -2.42 N | 50.30 5.24 -0.13 N | 35.75 3.72 0.00 N | 28.61 3.03 0.00 N | 23.96 2.45 0.00 N | 15.98 1.54 0.00 N | 12.72 1.13 0.00 N |
| ASHOKAN____ 23654 | 25.50 2.05 -1.36 N | 27.54 1.40 -9.47 N | 23.89 1.68 -1.70 N | 41.68 0.56 -34.42 N | 59.53 -1.67 -81.78 N | 39.65 1.54 -20.42 N | 35.13 2.12 -11.38 N | 43.08 1.76 -23.64 N | 37.48 2.03 -16.99 N | 30.61 2.73 -3.05 N | 30.95 3.07 0.00 N | 30.82 3.08 0.00 N | 30.20 3.14 0.00 N | 30.10 3.10 0.00 N | 31.05 3.22 0.00 N | 30.57 3.14 0.00 N | 31.19 3.13 0.00 N | 40.42 3.95 -2.59 N | 50.31 5.24 -0.13 N | 35.66 3.63 0.00 N | 28.39 2.80 0.00 N | 23.73 2.22 0.00 N | 15.81 1.37 0.00 N | 12.65 1.05 0.00 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 25.57 2.22 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.57 -1.61 -75.76 N | 38.28 1.67 -18.91 N | 34.55 2.39 -10.54 N | 41.94 2.10 -22.16 N | 36.69 2.29 -15.93 N | 36.60 3.14 -8.64 N | 34.48 3.53 -3.06 N | 32.49 3.48 -1.26 N | 31.41 3.47 -0.88 N | 31.54 3.51 -1.02 N | 31.35 3.52 0.00 N | 30.88 3.46 0.00 N | 31.50 3.44 0.00 N | 40.43 4.13 -2.42 N | 50.40 5.35 -0.13 N | 35.83 3.80 0.00 N | 28.66 3.07 0.00 N | 23.98 2.46 -0.01 N | 16.02 1.57 0.00 N | 12.76 1.16 0.00 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 25.57 2.22 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.57 -1.61 -75.76 N | 38.28 1.67 -18.91 N | 34.55 2.39 -10.54 N | 41.94 2.10 -22.16 N | 36.69 2.29 -15.93 N | 36.60 3.14 -8.64 N | 34.48 3.53 -3.06 N | 32.49 3.48 -1.26 N | 31.41 3.47 -0.88 N | 31.54 3.51 -1.02 N | 31.35 3.52 0.00 N | 30.88 3.46 0.00 N | 31.50 3.44 0.00 N | 40.43 4.13 -2.42 N | 50.40 5.35 -0.13 N | 35.83 3.80 0.00 N | 28.66 3.07 0.00 N | 23.98 2.46 -0.01 N | 16.02 1.57 0.00 N | 12.76 1.16 0.00 N |
| ASTORIA_GT2_1 24094 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|
| ASTORIA_GT2_2 24095 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N |
| ASTORIA_GT2_3 24096 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N |
| ASTORIA_GT2_4 24097 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N |
| ASTORIA_GT3_1 24098 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N |
| ASTORIA_GT3_2 24099 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N |
| ASTORIA_GT3_3 24100 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N |
| ASTORIA_GT3_4 24101 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N |
| ASTORIA_GT4_1 24102 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N |
| ASTORIA_GT4_2 24103 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N |
| ASTORIA_GT4_3 24104 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N |
| ASTORIA_GT4_4 24105 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N |
| ASTORIA_GT_1 23523 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N |
| ASTORIA_GT_10 24110 | 25.59 2.24 -1.26 N | 26.91 1.47 -8.77 N | 23.75 1.68 -1.57 N | 39.15 0.56 -31.88 N | 53.54 -1.63 -75.76 N | 38.27 1.66 -18.91 N | 34.55 2.38 -10.54 N | 41.95 2.11 -22.16 N | 36.76 2.36 -15.93 N | 36.70 3.24 -8.64 N | 34.61 3.67 -3.06 N | 32.67 3.67 -1.26 N | 31.52 3.58 -0.88 N | 31.62 3.60 -1.02 N | 31.48 3.65 0.00 N | 31.02 3.59 0.00 N | 31.61 3.54 0.00 N | 40.57 4.27 -2.42 N | 50.58 5.53 -0.13 N | 35.95 3.92 0.00 N | 28.76 3.17 0.00 N | 24.08 2.56 -0.01 N | 16.07 1.62 0.00 N | 12.80 1.20 0.00 N |
| ASTORIA_GT_11 24225 | 25.59 2.24 -1.26 N | 26.91 1.47 -8.77 N | 23.75 1.68 -1.57 N | 39.15 0.56 -31.88 N | 53.54 -1.63 -75.76 N | 38.27 1.66 -18.91 N | 34.55 2.38 -10.54 N | 41.95 2.11 -22.16 N | 36.76 2.36 -15.93 N | 36.70 3.24 -8.64 N | 34.61 3.67 -3.06 N | 32.67 3.67 -1.26 N | 31.52 3.58 -0.88 N | 31.62 3.60 -1.02 N | 31.48 3.65 0.00 N | 31.02 3.59 0.00 N | 31.61 3.54 0.00 N | 40.57 4.27 -2.42 N | 50.58 5.53 -0.13 N | 35.95 3.92 0.00 N | 28.76 3.17 0.00 N | 24.08 2.56 -0.01 N | 16.07 1.62 0.00 N | 12.80 1.20 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 |
|----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|---|
| ASTORIA_GT_12 24226 | 25.59 2.24 -1.26 N | 26.91 1.47 -8.77 N | 23.75 1.68 -1.57 N | 39.15 0.56 -31.88 N | 53.54 -1.63 -75.76 N | 38.27 1.66 -18.91 N | 34.55 2.38 -10.54 N | 41.95 2.11 -22.16 N | 36.76 2.36 -15.93 N | 36.70 3.24 -8.64 N | 34.61 3.67 -3.06 N | 32.67 3.67 -1.26 N | 31.52 3.58 -0.88 N | 31.62 3.60 -1.02 N | 31.48 3.65 0.00 N | 31.02 3.59 0.00 N | 31.61 3.54 0.00 N | 40.57 4.27 -2.42 N | 50.58 5.53 -0.13 N | 35.95 3.92 0.00 N | 28.76 3.17 0.00 N | 24.08 2.56 -0.01 N | 16.07 1.62 0.00 N | 12.80 1.20 0.00 N | |
| ASTORIA_GT_13 24227 | 25.59 2.24 -1.26 N | 26.91 1.47 -8.77 N | 23.75 1.68 -1.57 N | 39.15 0.56 -31.88 N | 53.54 -1.63 -75.76 N | 38.27 1.66 -18.91 N | 34.55 2.38 -10.54 N | 41.95 2.11 -22.16 N | 36.76 2.36 -15.93 N | 36.70 3.24 -8.64 N | 34.61 3.67 -3.06 N | 32.67 3.67 -1.26 N | 31.52 3.58 -0.88 N | 31.62 3.60 -1.02 N | 31.48 3.65 0.00 N | 31.02 3.59 0.00 N | 31.61 3.54 0.00 N | 40.57 4.27 -2.42 N | 50.58 5.53 -0.13 N | 35.95 3.92 0.00 N | 28.76 3.17 0.00 N | 24.08 2.56 -0.01 N | 16.07 1.62 0.00 N | 12.80 1.20 0.00 N | |
| ASTORIA_GT_5 24106 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N | |
| ASTORIA_GT_7 24107 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N | |
| ASTORIA_GT_8 24108 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N | |
| ASTORIA___2 24149 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N | |
| ASTORIA___3 23516 | 25.59 2.24 -1.26 N | 26.91 1.47 -8.77 N | 23.75 1.68 -1.57 N | 39.15 0.56 -31.88 N | 53.54 -1.63 -75.76 N | 38.27 1.66 -18.91 N | 34.55 2.38 -10.54 N | 41.95 2.11 -22.16 N | 36.76 2.36 -15.93 N | 36.70 3.24 -8.64 N | 34.61 3.67 -3.06 N | 32.67 3.67 -1.26 N | 31.52 3.58 -0.88 N | 31.62 3.60 -1.02 N | 31.48 3.65 0.00 N | 31.02 3.59 0.00 N | 31.61 3.54 0.00 N | 40.57 4.27 -2.42 N | 50.58 5.53 -0.13 N | 35.95 3.92 0.00 N | 28.76 3.17 0.00 N | 24.08 2.56 -0.01 N | 16.07 1.62 0.00 N | 12.80 1.20 0.00 N | |
| ASTORIA___4 23517 | 25.59 2.24 -1.26 N | 26.91 1.47 -8.77 N | 23.75 1.68 -1.57 N | 39.15 0.56 -31.88 N | 53.54 -1.63 -75.76 N | 38.27 1.66 -18.91 N | 34.55 2.38 -10.54 N | 41.95 2.11 -22.16 N | 36.76 2.36 -15.93 N | 36.70 3.24 -8.64 N | 34.61 3.67 -3.06 N | 32.67 3.67 -1.26 N | 31.52 3.58 -0.88 N | 31.62 3.60 -1.02 N | 31.48 3.65 0.00 N | 31.02 3.59 0.00 N | 31.61 3.54 0.00 N | 40.57 4.27 -2.42 N | 50.58 5.53 -0.13 N | 35.95 3.92 0.00 N | 28.76 3.17 0.00 N | 24.08 2.56 -0.01 N | 16.07 1.62 0.00 N | 12.80 1.20 0.00 N | |
| ASTORIA___5 23518 | 25.58 2.23 -1.26 N | 26.89 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.16 0.57 -31.88 N | 53.55 -1.62 -75.76 N | 38.29 1.67 -18.91 N | 34.56 2.39 -10.54 N | 41.95 2.11 -22.16 N | 36.70 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.49 3.54 -3.06 N | 32.50 3.49 -1.26 N | 31.42 3.48 -0.88 N | 31.55 3.53 -1.02 N | 31.37 3.54 0.00 N | 30.90 3.48 0.00 N | 31.52 3.45 0.00 N | 40.46 4.16 -2.42 N | 50.43 5.37 -0.13 N | 35.85 3.82 0.00 N | 28.68 3.09 0.00 N | 23.99 2.48 -0.01 N | 16.02 1.58 0.00 N | 12.76 1.17 0.00 N | |
| AST_ENERGY_2_CC3 323677 | 25.43 2.08 -1.26 N | 26.80 1.36 -8.77 N | 23.62 1.54 -1.57 N | 39.11 0.52 -31.88 N | 45.70 -1.49 -67.78 N | 36.41 1.53 -17.19 N | 34.41 2.24 -10.54 N | 41.83 1.99 -22.16 N | 36.62 2.23 -15.93 N | 32.49 3.04 -4.63 N | 32.85 3.44 -1.52 N | 32.44 3.45 -1.26 N | 31.31 3.38 -0.87 N | 31.42 3.39 -1.03 N | 31.29 3.46 0.00 N | 30.84 3.42 0.00 N | 31.27 3.36 0.16 N | 39.01 4.03 -1.10 N | 49.25 5.25 0.93 N | 35.71 3.69 0.01 N | 28.56 2.97 0.00 N | 23.92 2.41 0.00 N | 15.96 1.52 0.00 N | 12.72 1.13 0.00 N | |
| AST_ENERGY_2_CC4 323678 | 25.43 2.08 -1.26 N | 26.80 1.36 -8.77 N | 23.62 1.54 -1.57 N | 39.11 0.52 -31.88 N | 45.70 -1.49 -67.78 N | 36.41 1.53 -17.19 N | 34.41 2.24 -10.54 N | 41.83 1.99 -22.16 N | 36.62 2.23 -15.93 N | 32.49 3.04 -4.63 N | 32.85 3.44 -1.52 N | 32.44 3.45 -1.26 N | 31.31 3.38 -0.87 N | 31.42 3.39 -1.03 N | 31.29 3.46 0.00 N | 30.84 3.42 0.00 N | 31.27 3.36 0.16 N | 39.01 4.03 -1.10 N | 49.25 5.25 0.93 N | 35.71 3.69 0.01 N | 28.56 2.97 0.00 N | 23.92 2.41 0.00 N | 15.96 1.52 0.00 N | 12.72 1.13 0.00 N | |
| ATHENS_STG_1 23668 | 24.97 1.49 -1.39 N | 27.43 1.10 -9.66 N | 23.54 1.30 -1.73 N | 42.28 0.43 -35.14 N | 61.62 -1.29 -83.49 N | 39.69 1.14 -20.85 N | 34.77 1.53 -11.62 N | 43.41 1.29 -24.44 N | 37.44 1.41 -17.56 N | 29.87 1.93 -3.13 N | 30.03 2.15 0.00 N | 29.87 2.13 0.00 N | 29.13 2.07 0.00 N | 29.08 2.08 0.00 N | 30.01 2.18 0.00 N | 29.58 2.16 0.00 N | 30.16 2.09 0.00 N | 39.14 2.58 -2.69 N | 48.47 3.40 -0.14 N | 34.38 2.35 0.00 N | 27.41 1.83 0.00 N | 22.96 1.45 0.00 N | 15.36 0.92 0.00 N | 12.35 0.75 0.00 N | |
| ATHENS_STG_2 23670 | 24.97 1.49 -1.39 N | 27.43 1.10 -9.66 N | 23.54 1.30 -1.73 N | 42.28 0.43 -35.14 N | 61.62 -1.29 -83.49 N | 39.69 1.14 -20.85 N | 34.77 1.53 -11.62 N | 43.41 1.29 -24.44 N | 37.44 1.41 -17.56 N | 29.87 1.93 -3.13 N | 30.03 2.15 0.00 N | 29.87 2.13 0.00 N | 29.13 2.07 0.00 N | 29.08 2.08 0.00 N | 30.01 2.18 0.00 N | 29.58 2.16 0.00 N | 30.16 2.09 0.00 N | 39.14 2.58 -2.69 N | 48.47 3.40 -0.14 N | 34.38 2.35 0.00 N | 27.41 1.83 0.00 N | 22.96 1.45 0.00 N | 15.36 0.92 0.00 N | 12.35 0.75 0.00 N | |
| ATHENS_STG_3 | 24.97 | 27.43 | 23.54 | 42.28 | 61.62 | 39.69 | 34.77 | 43.41 | 37.44 | 29.87 | 30.03 | 29.87 | 29.13 | 29.08 | 30.01 | 29.58 | 30.16 | 39.14 | 48.47 | 34.38 | 27.41 | 22.96 | 15.36 | 12.35 | |

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|------------------------|--|--------------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|
| 23677 | | 1.49 -1.39 N | 1.10 -9.66 N | 1.30 -1.73 N | 0.43 -35.14 N | -1.29 -83.49 N | 1.14 -20.85 N | 1.53 -11.62 N | 1.29 -24.44 N | 1.41 -17.56 N | 1.93 -3.13 N | 2.15 0.00 N | 2.13 0.00 N | 2.07 0.00 N | 2.08 0.00 N | 2.18 0.00 N | 2.16 0.00 N | 2.09 0.00 N | 2.58 -2.69 N | 3.40 -0.14 N | 2.35 0.00 N | 1.83 0.00 N | 1.45 0.00 N | 0.92 0.00 N | 0.75 0.00 N |
| BARRETT_IC_1 23704 | | 129.20 2.45 -104.65 N | 27.11 1.67 -8.77 N | 24.02 1.94 -1.57 N | 39.23 0.63 -31.88 N | 53.42 -1.75 -75.76 N | 38.42 1.80 -18.92 N | 34.76 2.60 -10.54 N | 41.93 2.09 -22.17 N | 36.59 2.20 -15.93 N | 31.25 2.74 -3.69 N | 32.54 3.50 -1.15 N | 33.32 3.60 -1.98 N | 38.73 3.54 -8.12 N | 56.40 3.49 -25.91 N | 31.42 3.59 0.00 N | 30.88 3.46 0.00 N | 31.37 3.30 0.00 N | 40.24 3.94 -2.43 N | 50.31 5.25 -0.13 N | 35.77 3.74 0.00 N | 30.24 3.07 -1.58 N | 23.96 2.46 0.00 N | 16.03 1.59 0.00 N | 12.87 1.27 0.00 N |
| BARRETT_IC_10 23701 | | 129.20 2.45 -104.65 N | 27.11 1.67 -8.77 N | 24.02 1.94 -1.57 N | 39.23 0.63 -31.88 N | 53.42 -1.75 -75.76 N | 38.42 1.80 -18.92 N | 34.76 2.60 -10.54 N | 41.93 2.09 -22.17 N | 36.59 2.20 -15.93 N | 31.25 2.74 -3.69 N | 32.54 3.50 -1.15 N | 33.32 3.60 -1.98 N | 38.73 3.54 -8.12 N | 56.40 3.49 -25.91 N | 31.42 3.59 0.00 N | 30.88 3.46 0.00 N | 31.37 3.30 0.00 N | 40.24 3.94 -2.43 N | 50.31 5.25 -0.13 N | 35.77 3.74 0.00 N | 30.24 3.07 -1.58 N | 23.96 2.46 0.00 N | 16.03 1.59 0.00 N | 12.87 1.27 0.00 N |
| BARRETT_IC_11 23702 | | 129.20 2.45 -104.65 N | 27.11 1.67 -8.77 N | 24.02 1.94 -1.57 N | 39.23 0.63 -31.88 N | 53.42 -1.75 -75.76 N | 38.42 1.80 -18.92 N | 34.76 2.60 -10.54 N | 41.93 2.09 -22.17 N | 36.59 2.20 -15.93 N | 31.25 2.74 -3.69 N | 32.54 3.50 -1.15 N | 33.32 3.60 -1.98 N | 38.73 3.54 -8.12 N | 56.40 3.49 -25.91 N | 31.42 3.59 0.00 N | 30.88 3.46 0.00 N | 31.37 3.30 0.00 N | 40.24 3.94 -2.43 N | 50.31 5.25 -0.13 N | 35.77 3.74 0.00 N | 30.24 3.07 -1.58 N | 23.96 2.46 0.00 N | 16.03 1.59 0.00 N | 12.87 1.27 0.00 N |
| BARRETT_IC_12 23703 | | 129.20 2.45 -104.65 N | 27.11 1.67 -8.77 N | 24.02 1.94 -1.57 N | 39.23 0.63 -31.88 N | 53.42 -1.75 -75.76 N | 38.42 1.80 -18.92 N | 34.76 2.60 -10.54 N | 41.93 2.09 -22.17 N | 36.59 2.20 -15.93 N | 31.25 2.74 -3.69 N | 32.54 3.50 -1.15 N | 33.32 3.60 -1.98 N | 38.73 3.54 -8.12 N | 56.40 3.49 -25.91 N | 31.42 3.59 0.00 N | 30.88 3.46 0.00 N | 31.37 3.30 0.00 N | 40.24 3.94 -2.43 N | 50.31 5.25 -0.13 N | 35.77 3.74 0.00 N | 30.24 3.07 -1.58 N | 23.96 2.46 0.00 N | 16.03 1.59 0.00 N | 12.87 1.27 0.00 N |
| BARRETT_IC_2 23705 | | 129.20 2.45 -104.65 N | 27.11 1.67 -8.77 N | 24.02 1.94 -1.57 N | 39.23 0.63 -31.88 N | 53.42 -1.75 -75.76 N | 38.42 1.80 -18.92 N | 34.76 2.60 -10.54 N | 41.93 2.09 -22.17 N | 36.59 2.20 -15.93 N | 31.25 2.74 -3.69 N | 32.54 3.50 -1.15 N | 33.32 3.60 -1.98 N | 38.73 3.54 -8.12 N | 56.40 3.49 -25.91 N | 31.42 3.59 0.00 N | 30.88 3.46 0.00 N | 31.37 3.30 0.00 N | 40.24 3.94 -2.43 N | 50.31 5.25 -0.13 N | 35.77 3.74 0.00 N | 30.24 3.07 -1.58 N | 23.96 2.46 0.00 N | 16.03 1.59 0.00 N | 12.87 1.27 0.00 N |
| BARRETT_IC_3 23706 | | 129.20 2.45 -104.65 N | 27.11 1.67 -8.77 N | 24.02 1.94 -1.57 N | 39.23 0.63 -31.88 N | 53.42 -1.75 -75.76 N | 38.42 1.80 -18.92 N | 34.76 2.60 -10.54 N | 41.93 2.09 -22.17 N | 36.59 2.20 -15.93 N | 31.25 2.74 -3.69 N | 32.54 3.50 -1.15 N | 33.32 3.60 -1.98 N | 38.73 3.54 -8.12 N | 56.40 3.49 -25.91 N | 31.42 3.59 0.00 N | 30.88 3.46 0.00 N | 31.37 3.30 0.00 N | 40.24 3.94 -2.43 N | 50.31 5.25 -0.13 N | 35.77 3.74 0.00 N | 30.24 3.07 -1.58 N | 23.96 2.46 0.00 N | 16.03 1.59 0.00 N | 12.87 1.27 0.00 N |
| BARRETT_IC_4 23707 | | 129.20 2.45 -104.65 N | 27.11 1.67 -8.77 N | 24.02 1.94 -1.57 N | 39.23 0.63 -31.88 N | 53.42 -1.75 -75.76 N | 38.42 1.80 -18.92 N | 34.76 2.60 -10.54 N | 41.93 2.09 -22.17 N | 36.59 2.20 -15.93 N | 31.25 2.74 -3.69 N | 32.54 3.50 -1.15 N | 33.32 3.60 -1.98 N | 38.73 3.54 -8.12 N | 56.40 3.49 -25.91 N | 31.42 3.59 0.00 N | 30.88 3.46 0.00 N | 31.37 3.30 0.00 N | 40.24 3.94 -2.43 N | 50.31 5.25 -0.13 N | 35.77 3.74 0.00 N | 30.24 3.07 -1.58 N | 23.96 2.46 0.00 N | 16.03 1.59 0.00 N | 12.87 1.27 0.00 N |
| BARRETT_IC_5 23708 | | 129.20 2.45 -104.65 N | 27.11 1.67 -8.77 N | 24.02 1.94 -1.57 N | 39.23 0.63 -31.88 N | 53.42 -1.75 -75.76 N | 38.42 1.80 -18.92 N | 34.76 2.60 -10.54 N | 41.93 2.09 -22.17 N | 36.59 2.20 -15.93 N | 31.25 2.74 -3.69 N | 32.54 3.50 -1.15 N | 33.32 3.60 -1.98 N | 38.73 3.54 -8.12 N | 56.40 3.49 -25.91 N | 31.42 3.59 0.00 N | 30.88 3.46 0.00 N | 31.37 3.30 0.00 N | 40.24 3.94 -2.43 N | 50.31 5.25 -0.13 N | 35.77 3.74 0.00 N | 30.24 3.07 -1.58 N | 23.96 2.46 0.00 N | 16.03 1.59 0.00 N | 12.87 1.27 0.00 N |
| BARRETT_IC_6 23709 | | 129.20 2.45 -104.65 N | 27.11 1.67 -8.77 N | 24.02 1.94 -1.57 N | 39.23 0.63 -31.88 N | 53.42 -1.75 -75.76 N | 38.42 1.80 -18.92 N | 34.76 2.60 -10.54 N | 41.93 2.09 -22.17 N | 36.59 2.20 -15.93 N | 31.25 2.74 -3.69 N | 32.54 3.50 -1.15 N | 33.32 3.60 -1.98 N | 38.73 3.54 -8.12 N | 56.40 3.49 -25.91 N | 31.42 3.59 0.00 N | 30.88 3.46 0.00 N | 31.37 3.30 0.00 N | 40.24 3.94 -2.43 N | 50.31 5.25 -0.13 N | 35.77 3.74 0.00 N | 30.24 3.07 -1.58 N | 23.96 2.46 0.00 N | 16.03 1.59 0.00 N | 12.87 1.27 0.00 N |
| BARRETT_IC_7 23710 | | 129.20 2.45 -104.65 N | 27.11 1.67 -8.77 N | 24.02 1.94 -1.57 N | 39.23 0.63 -31.88 N | 53.42 -1.75 -75.76 N | 38.42 1.80 -18.92 N | 34.76 2.60 -10.54 N | 41.93 2.09 -22.17 N | 36.59 2.20 -15.93 N | 31.25 2.74 -3.69 N | 32.54 3.50 -1.15 N | 33.32 3.60 -1.98 N | 38.73 3.54 -8.12 N | 56.40 3.49 -25.91 N | 31.42 3.59 0.00 N | 30.88 3.46 0.00 N | 31.37 3.30 0.00 N | 40.24 3.94 -2.43 N | 50.31 5.25 -0.13 N | 35.77 3.74 0.00 N | 30.24 3.07 -1.58 N | 23.96 2.46 0.00 N | 16.03 1.59 0.00 N | 12.87 1.27 0.00 N |
| BARRETT_IC_8 23711 | | 129.20 2.45 -104.65 N | 27.11 1.67 -8.77 N | 24.02 1.94 -1.57 N | 39.23 0.63 -31.88 N | 53.42 -1.75 -75.76 N | 38.42 1.80 -18.92 N | 34.76 2.60 -10.54 N | 41.93 2.09 -22.17 N | 36.59 2.20 -15.93 N | 31.25 2.74 -3.69 N | 32.54 3.50 -1.15 N | 33.32 3.60 -1.98 N | 38.73 3.54 -8.12 N | 56.40 3.49 -25.91 N | 31.42 3.59 0.00 N | 30.88 3.46 0.00 N | 31.37 3.30 0.00 N | 40.24 3.94 -2.43 N | 50.31 5.25 -0.13 N | 35.77 3.74 0.00 N | 30.24 3.07 -1.58 N | 23.96 2.46 0.00 N | 16.03 1.59 0.00 N | 12.87 1.27 0.00 N |
| BARRETT_IC_9 23700 | | 129.20 2.45 -104.65 N | 27.11 1.67 -8.77 N | 24.02 1.94 -1.57 N | 39.23 0.63 -31.88 N | 53.42 -1.75 -75.76 N | 38.42 1.80 -18.92 N | 34.76 2.60 -10.54 N | 41.93 2.09 -22.17 N | 36.59 2.20 -15.93 N | 31.25 2.74 -3.69 N | 32.54 3.50 -1.15 N | 33.32 3.60 -1.98 N | 38.73 3.54 -8.12 N | 56.40 3.49 -25.91 N | 31.42 3.59 0.00 N | 30.88 3.46 0.00 N | 31.37 3.30 0.00 N | 40.24 3.94 -2.43 N | 50.31 5.25 -0.13 N | 35.77 3.74 0.00 N | 30.24 3.07 -1.58 N | 23.96 2.46 0.00 N | 16.03 1.59 0.00 N | 12.87 1.27 0.00 N |
| BARRETT___1 23545 | | 129.20 2.45 -104.65 N | 27.11 1.67 -8.77 N | 24.02 1.94 -1.57 N | 39.23 0.63 -31.88 N | 53.42 -1.75 -75.76 N | 38.42 1.80 -18.92 N | 34.76 2.60 -10.54 N | 41.93 2.09 -22.17 N | 36.59 2.20 -15.93 N | 31.25 2.74 -3.69 N | 32.54 3.50 -1.15 N | 33.32 3.60 -1.98 N | 38.73 3.54 -8.12 N | 56.40 3.49 -25.91 N | 31.42 3.59 0.00 N | 30.88 3.46 0.00 N | 31.37 3.30 0.00 N | 40.24 3.94 -2.43 N | 50.31 5.25 -0.13 N | 35.77 3.74 0.00 N | 30.24 3.07 -1.58 N | 23.96 2.46 0.00 N | 16.03 1.59 0.00 N | 12.87 1.27 0.00 N |

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| BARRETT___2 23546 | 129.20 2.45 -104.65 N | 27.11 1.67 -8.77 N | 24.02 1.94 -1.57 N | 39.23 0.63 -31.88 N | 53.42 -1.75 -75.76 N | 38.42 1.80 -18.92 N | 34.76 2.60 -10.54 N | 41.93 2.09 -22.17 N | 36.59 2.20 -15.93 N | 31.25 2.74 -3.69 N | 32.54 3.50 -1.15 N | 33.32 3.60 -1.98 N | 38.73 3.54 -8.12 N | 56.40 3.49 -25.91 N | 31.42 3.59 0.00 N | 30.88 3.46 0.00 N | 31.37 3.30 0.00 N | 40.24 3.94 -2.43 N | 50.31 5.25 -0.13 N | 35.77 3.74 0.00 N | 30.24 3.07 -1.58 N | 23.96 2.46 0.00 N | 16.03 1.59 0.00 N | 12.87 1.27 0.00 N |
| BAYONEEC___CTG1 323682 | 25.46 2.10 -1.26 N | 26.81 1.38 -8.77 N | 23.64 1.56 -1.57 N | 39.11 0.52 -31.88 N | 53.63 -1.54 -75.76 N | 38.17 1.56 -18.91 N | 34.43 2.26 -10.54 N | 41.85 2.01 -22.16 N | 36.65 2.26 -15.93 N | 36.56 3.10 -8.64 N | 34.46 3.52 -3.06 N | 32.50 3.51 -1.26 N | 31.37 3.43 -0.87 N | 31.47 3.44 -1.03 N | 31.34 3.51 0.00 N | 30.89 3.47 0.00 N | 31.47 3.40 0.00 N | 40.40 4.10 -2.42 N | 50.39 5.33 -0.13 N | 35.79 3.76 0.00 N | 28.61 3.03 0.00 N | 23.95 2.44 0.00 N | 15.98 1.54 0.00 N | 12.74 1.14 0.00 N |
| BAYONEEC___CTG2 323683 | 25.46 2.10 -1.26 N | 26.81 1.38 -8.77 N | 23.64 1.56 -1.57 N | 39.11 0.52 -31.88 N | 53.63 -1.54 -75.76 N | 38.17 1.56 -18.91 N | 34.43 2.26 -10.54 N | 41.85 2.01 -22.16 N | 36.65 2.26 -15.93 N | 36.56 3.10 -8.64 N | 34.46 3.52 -3.06 N | 32.50 3.51 -1.26 N | 31.37 3.43 -0.87 N | 31.47 3.44 -1.03 N | 31.34 3.51 0.00 N | 30.89 3.47 0.00 N | 31.47 3.40 0.00 N | 40.40 4.10 -2.42 N | 50.39 5.33 -0.13 N | 35.79 3.76 0.00 N | 28.61 3.03 0.00 N | 23.95 2.44 0.00 N | 15.98 1.54 0.00 N | 12.74 1.14 0.00 N |
| BAYONEEC___CTG3 323684 | 25.46 2.10 -1.26 N | 26.81 1.38 -8.77 N | 23.64 1.56 -1.57 N | 39.11 0.52 -31.88 N | 53.63 -1.54 -75.76 N | 38.17 1.56 -18.91 N | 34.43 2.26 -10.54 N | 41.85 2.01 -22.16 N | 36.65 2.26 -15.93 N | 36.56 3.10 -8.64 N | 34.46 3.52 -3.06 N | 32.50 3.51 -1.26 N | 31.37 3.43 -0.87 N | 31.47 3.44 -1.03 N | 31.34 3.51 0.00 N | 30.89 3.47 0.00 N | 31.47 3.40 0.00 N | 40.40 4.10 -2.42 N | 50.39 5.33 -0.13 N | 35.79 3.76 0.00 N | 28.61 3.03 0.00 N | 23.95 2.44 0.00 N | 15.98 1.54 0.00 N | 12.74 1.14 0.00 N |
| BAYONEEC___CTG4 323685 | 25.46 2.10 -1.26 N | 26.81 1.38 -8.77 N | 23.64 1.56 -1.57 N | 39.11 0.52 -31.88 N | 53.63 -1.54 -75.76 N | 38.17 1.56 -18.91 N | 34.43 2.26 -10.54 N | 41.85 2.01 -22.16 N | 36.65 2.26 -15.93 N | 36.56 3.10 -8.64 N | 34.46 3.52 -3.06 N | 32.50 3.51 -1.26 N | 31.37 3.43 -0.87 N | 31.47 3.44 -1.03 N | 31.34 3.51 0.00 N | 30.89 3.47 0.00 N | 31.47 3.40 0.00 N | 40.40 4.10 -2.42 N | 50.39 5.33 -0.13 N | 35.79 3.76 0.00 N | 28.61 3.03 0.00 N | 23.95 2.44 0.00 N | 15.98 1.54 0.00 N | 12.74 1.14 0.00 N |
| BAYONEEC___CTG5 323686 | 25.46 2.10 -1.26 N | 26.81 1.38 -8.77 N | 23.64 1.56 -1.57 N | 39.11 0.52 -31.88 N | 53.63 -1.54 -75.76 N | 38.17 1.56 -18.91 N | 34.43 2.26 -10.54 N | 41.85 2.01 -22.16 N | 36.65 2.26 -15.93 N | 36.56 3.10 -8.64 N | 34.46 3.52 -3.06 N | 32.50 3.51 -1.26 N | 31.37 3.43 -0.87 N | 31.47 3.44 -1.03 N | 31.34 3.51 0.00 N | 30.89 3.47 0.00 N | 31.47 3.40 0.00 N | 40.40 4.10 -2.42 N | 50.39 5.33 -0.13 N | 35.79 3.76 0.00 N | 28.61 3.03 0.00 N | 23.95 2.44 0.00 N | 15.98 1.54 0.00 N | 12.74 1.14 0.00 N |
| BAYONEEC___CTG6 323687 | 25.46 2.10 -1.26 N | 26.81 1.38 -8.77 N | 23.64 1.56 -1.57 N | 39.11 0.52 -31.88 N | 53.63 -1.54 -75.76 N | 38.17 1.56 -18.91 N | 34.43 2.26 -10.54 N | 41.85 2.01 -22.16 N | 36.65 2.26 -15.93 N | 36.56 3.10 -8.64 N | 34.46 3.52 -3.06 N | 32.50 3.51 -1.26 N | 31.37 3.43 -0.87 N | 31.47 3.44 -1.03 N | 31.34 3.51 0.00 N | 30.89 3.47 0.00 N | 31.47 3.40 0.00 N | 40.40 4.10 -2.42 N | 50.39 5.33 -0.13 N | 35.79 3.76 0.00 N | 28.61 3.03 0.00 N | 23.95 2.44 0.00 N | 15.98 1.54 0.00 N | 12.74 1.14 0.00 N |
| BAYONEEC___CTG7 323688 | 25.46 2.10 -1.26 N | 26.81 1.38 -8.77 N | 23.64 1.56 -1.57 N | 39.11 0.52 -31.88 N | 53.63 -1.54 -75.76 N | 38.17 1.56 -18.91 N | 34.43 2.26 -10.54 N | 41.85 2.01 -22.16 N | 36.65 2.26 -15.93 N | 36.56 3.10 -8.64 N | 34.46 3.52 -3.06 N | 32.50 3.51 -1.26 N | 31.37 3.43 -0.87 N | 31.47 3.44 -1.03 N | 31.34 3.51 0.00 N | 30.89 3.47 0.00 N | 31.47 3.40 0.00 N | 40.40 4.10 -2.42 N | 50.39 5.33 -0.13 N | 35.79 3.76 0.00 N | 28.61 3.03 0.00 N | 23.95 2.44 0.00 N | 15.98 1.54 0.00 N | 12.74 1.14 0.00 N |
| BAYONEEC___CTG8 323689 | 25.46 2.10 -1.26 N | 26.81 1.38 -8.77 N | 23.64 1.56 -1.57 N | 39.11 0.52 -31.88 N | 53.63 -1.54 -75.76 N | 38.17 1.56 -18.91 N | 34.43 2.26 -10.54 N | 41.85 2.01 -22.16 N | 36.65 2.26 -15.93 N | 36.56 3.10 -8.64 N | 34.46 3.52 -3.06 N | 32.50 3.51 -1.26 N | 31.37 3.43 -0.87 N | 31.47 3.44 -1.03 N | 31.34 3.51 0.00 N | 30.89 3.47 0.00 N | 31.47 3.40 0.00 N | 40.40 4.10 -2.42 N | 50.39 5.33 -0.13 N | 35.79 3.76 0.00 N | 28.61 3.03 0.00 N | 23.95 2.44 0.00 N | 15.98 1.54 0.00 N | 12.74 1.14 0.00 N |
| BEACON___LESR 323632 | 25.28 1.62 -1.57 N | 28.89 1.24 -10.98 N | 24.01 1.53 -1.97 N | 47.14 0.50 -39.93 N | 72.85 -1.43 -94.87 N | 42.69 1.30 -23.69 N | 36.46 1.63 -13.20 N | 46.64 1.15 -27.82 N | 39.70 1.25 -19.99 N | 30.09 1.71 -3.56 N | 29.73 1.84 0.00 N | 29.59 1.85 0.00 N | 28.83 1.77 0.00 N | 28.76 1.77 0.00 N | 29.71 1.89 0.00 N | 29.29 1.87 0.00 N | 29.90 1.83 0.00 N | 39.30 2.35 -3.07 N | 48.15 3.07 -0.16 N | 34.09 2.06 0.00 N | 27.12 1.54 0.00 N | 22.79 1.28 0.00 N | 15.24 0.80 0.00 N | 12.31 0.71 0.00 N |
| BEAVER RIVER___HYD 24048 | 22.43 0.33 0.00 N | 16.86 0.19 0.00 N | 20.73 0.22 0.00 N | 6.77 0.07 0.00 N | -20.52 -0.22 -0.28 N | 20.74 0.21 -2.84 N | 24.92 0.24 -3.05 N | 20.52 0.23 -2.61 N | 21.63 0.12 -3.04 N | 28.43 0.17 -3.63 N | 31.91 0.40 -3.63 N | 31.29 0.51 -3.04 N | 28.14 0.48 -0.60 N | 29.29 0.50 -1.79 N | 31.36 0.35 -3.18 N | 31.09 0.29 -3.38 N | 31.63 0.15 -3.41 N | 37.79 0.17 -3.75 N | 45.87 0.31 -0.63 N | 32.28 0.25 0.00 N | 25.75 0.17 0.00 N | 21.66 0.15 0.00 N | 14.50 0.06 0.00 N | 14.38 -0.03 -2.81 N |
| BEEBEE_GT_13 23619 | 22.22 -0.04 -0.16 N | 17.68 -0.08 -1.09 N | 20.54 -0.16 -0.20 N | 10.64 -0.05 -3.98 N | -10.82 0.31 -9.45 N | 19.91 -0.15 -2.36 N | 22.92 -0.03 -1.32 N | 20.28 -0.17 -2.77 N | 20.34 -0.09 -1.98 N | 25.03 -0.15 -0.35 N | 27.68 -0.21 0.00 N | 27.52 -0.22 0.00 N | 26.93 -0.13 0.00 N | 26.84 -0.15 0.00 N | 27.69 -0.13 0.00 N | 27.33 -0.10 0.00 N | 27.91 -0.15 0.00 N | 33.70 -0.48 -0.29 N | 44.18 -0.76 -0.02 N | 31.65 -0.38 0.00 N | 25.42 -0.17 0.00 N | 21.33 -0.18 0.00 N | 14.50 0.06 0.00 N | 11.70 0.10 0.00 N |
| BETHLEHEM___GRP 23843 | 24.97 1.30 -1.58 N | 28.73 1.04 -11.02 N | 23.77 1.29 -1.97 N | 47.19 0.43 -40.05 N | 73.36 -1.22 -95.17 N | 42.53 1.07 -23.76 N | 36.12 1.25 -13.24 N | 46.34 0.76 -27.91 N | 39.34 0.83 -20.05 N | 29.55 1.17 -3.57 N | 29.14 1.26 0.00 N | 28.98 1.24 0.00 N | 28.25 1.19 0.00 N | 28.19 1.19 0.00 N | 29.12 1.29 0.00 N | 28.71 1.28 0.00 N | 29.28 1.22 0.00 N | 38.53 1.57 -3.08 N | 47.14 2.05 -0.16 N | 33.39 1.36 0.00 N | 26.58 0.99 0.00 N | 22.39 0.89 0.00 N | 15.00 0.56 0.00 N | 12.11 0.51 0.00 N |
| BETHLEHEM___GS1 323560 | 24.97 1.30 -1.58 N | 28.73 1.04 -11.02 N | 23.77 1.29 -1.97 N | 47.19 0.43 -40.05 N | 73.36 -1.22 -95.17 N | 42.53 1.07 -23.76 N | 36.12 1.25 -13.24 N | 46.34 0.76 -27.91 N | 39.34 0.83 -20.05 N | 29.55 1.17 -3.57 N | 29.14 1.26 0.00 N | 28.98 1.24 0.00 N | 28.25 1.19 0.00 N | 28.19 1.19 0.00 N | 29.12 1.29 0.00 N | 28.71 1.28 0.00 N | 29.28 1.22 0.00 N | 38.53 1.57 -3.08 N | 47.14 2.05 -0.16 N | 33.39 1.36 0.00 N | 26.58 0.99 0.00 N | 22.39 0.89 0.00 N | 15.00 0.56 0.00 N | 12.11 0.51 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 |
|-----------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---|
| BETHLEHEM___GS2 323561 | 24.97 1.30 -1.58 N | 28.73 1.04 -11.02 N | 23.77 1.29 -1.97 N | 47.19 0.43 -40.05 N | 73.36 -1.22 -95.17 N | 42.53 1.07 -23.76 N | 36.12 1.25 -13.24 N | 46.34 0.76 -27.91 N | 39.34 0.83 -20.05 N | 29.55 1.17 -3.57 N | 29.14 1.26 0.00 N | 28.98 1.24 0.00 N | 28.25 1.19 0.00 N | 28.19 1.19 0.00 N | 29.12 1.29 0.00 N | 28.71 1.28 0.00 N | 29.28 1.22 0.00 N | 38.53 1.57 -3.08 N | 47.14 2.05 -0.16 N | 33.39 1.36 0.00 N | 26.58 0.99 0.00 N | 22.39 0.89 0.00 N | 15.00 0.56 0.00 N | 12.11 0.51 0.00 N | |
| BETHLEHEM___GS3 323562 | 24.97 1.30 -1.58 N | 28.73 1.04 -11.02 N | 23.77 1.29 -1.97 N | 47.19 0.43 -40.05 N | 73.36 -1.22 -95.17 N | 42.53 1.07 -23.76 N | 36.12 1.25 -13.24 N | 46.34 0.76 -27.91 N | 39.34 0.83 -20.05 N | 29.55 1.17 -3.57 N | 29.14 1.26 0.00 N | 28.98 1.24 0.00 N | 28.25 1.19 0.00 N | 28.19 1.19 0.00 N | 29.12 1.29 0.00 N | 28.71 1.28 0.00 N | 29.28 1.22 0.00 N | 38.53 1.57 -3.08 N | 47.14 2.05 -0.16 N | 33.39 1.36 0.00 N | 26.58 0.99 0.00 N | 22.39 0.89 0.00 N | 15.00 0.56 0.00 N | 12.11 0.51 0.00 N | |
| BETHLEHEM___STEEL 23779 | 22.17 -0.17 -0.24 N | 18.10 -0.27 -1.70 N | 20.35 -0.46 -0.30 N | 12.76 -0.14 -6.19 N | -5.23 0.64 -14.72 N | 20.90 -0.47 -3.67 N | 23.24 -0.44 -2.05 N | 21.23 -0.76 -4.31 N | 20.95 -0.64 -3.13 N | 24.46 -0.92 -0.56 N | 26.73 -1.16 0.00 N | 26.54 -1.21 0.00 N | 26.10 -0.97 0.00 N | 26.04 -0.95 0.00 N | 26.92 -0.90 0.00 N | 26.52 -0.90 0.00 N | 26.76 -1.30 0.00 N | 32.27 -2.01 -0.40 N | 42.15 -2.81 -0.02 N | 30.30 -1.73 0.00 N | 24.45 -1.13 0.00 N | 20.69 -0.81 0.00 N | 14.29 -0.15 0.00 N | 11.62 0.03 0.00 N | |
| BETHPAGE_CC_5 323564 | 129.25 2.51 -104.65 N | 27.10 1.67 -8.77 N | 23.97 1.89 -1.57 N | 39.21 0.62 -31.88 N | 53.52 -1.66 -75.76 N | 38.31 1.70 -18.92 N | 34.65 2.48 -10.54 N | 41.89 2.04 -22.17 N | 36.58 2.19 -15.93 N | 31.29 2.78 -3.69 N | 32.47 3.43 -1.15 N | 33.19 3.48 -1.98 N | 38.61 3.42 -8.12 N | 56.36 3.45 -25.91 N | 31.33 3.51 0.00 N | 30.80 3.38 0.00 N | 31.24 3.18 0.00 N | 40.15 3.85 -2.43 N | 50.33 5.27 -0.13 N | 35.79 3.75 0.00 N | 30.33 3.16 -1.58 N | 23.96 2.45 0.00 N | 15.98 1.54 0.00 N | 12.84 1.24 0.00 N | |
| BINGHAMTON___COGEN 23790 | 23.71 1.07 -0.55 N | 21.22 0.72 -3.83 N | 21.97 0.77 -0.69 N | 20.87 0.23 -13.93 N | 11.70 -0.82 -33.10 N | 26.70 0.74 -8.27 N | 27.42 1.18 -4.61 N | 28.29 0.92 -9.69 N | 26.54 1.10 -6.97 N | 27.55 1.49 -1.24 N | 29.50 1.62 0.00 N | 29.32 1.58 0.00 N | 28.67 1.61 0.00 N | 28.64 1.65 0.00 N | 29.59 1.76 0.00 N | 29.03 1.61 0.00 N | 28.92 0.86 0.00 N | 35.60 0.93 -0.79 N | 46.11 1.14 -0.04 N | 32.87 0.84 0.00 N | 26.24 0.66 0.00 N | 22.03 0.52 0.00 N | 14.82 0.38 0.00 N | 11.93 0.34 0.00 N | |
| BLACK RIVER___HYD 24047 | 22.75 0.63 -0.03 N | 17.29 0.40 -0.22 N | 20.99 0.45 -0.04 N | 7.64 0.14 -0.80 N | -18.96 -0.46 -2.09 N | 20.62 0.47 -2.46 N | 24.75 0.71 -2.40 N | 20.70 0.64 -2.39 N | 21.64 0.58 -2.59 N | 28.09 0.78 -2.49 N | 31.42 1.00 -2.55 N | 30.91 1.04 -2.13 N | 28.48 1.00 -0.42 N | 29.29 1.03 -1.26 N | 30.97 0.91 -2.23 N | 30.65 0.86 -2.37 N | 31.34 0.88 -2.39 N | 37.69 1.10 -0.44 N | 46.84 1.47 -0.44 N | 33.13 1.10 0.00 N | 26.42 0.83 0.00 N | 22.11 0.60 0.00 N | 14.76 0.32 0.00 N | 13.74 0.18 -1.97 N | |
| BLISS_WT_PWR 323608 | 22.06 -0.28 -0.24 N | 17.32 -1.09 -1.74 N | 19.26 -1.57 -0.32 N | 12.62 -0.50 -6.41 N | -3.89 1.46 -15.23 N | 20.59 -0.91 -3.80 N | 22.68 -1.07 -2.12 N | 20.93 -1.21 -4.46 N | 20.59 -1.11 -3.24 N | 23.98 -1.42 -0.57 N | 26.28 -1.60 0.00 N | 26.08 -1.66 0.00 N | 26.35 -0.71 0.00 N | 25.96 -1.04 0.00 N | 26.52 -1.31 0.00 N | 25.81 -1.62 0.00 N | 25.91 -2.16 0.00 N | 31.48 -2.81 -0.41 N | 41.20 -3.75 -0.02 N | 29.48 -2.55 0.00 N | 23.96 -1.62 0.00 N | 20.74 -0.77 0.00 N | 14.36 -0.08 0.00 N | 11.67 0.08 0.00 N | |
| BLUE_CIRC_CHEM_DRP 24182 | 24.72 1.06 -1.56 N | 28.41 0.85 -10.90 N | 23.49 1.03 -1.95 N | 46.68 0.35 -39.62 N | 72.56 -1.00 -94.15 N | 42.07 0.87 -23.51 N | 35.84 1.11 -13.10 N | 46.12 0.84 -27.60 N | 39.20 0.90 -19.83 N | 29.59 1.24 -3.53 N | 29.35 1.46 0.00 N | 29.18 1.44 0.00 N | 28.46 1.39 0.00 N | 28.40 1.40 0.00 N | 29.31 1.48 0.00 N | 28.87 1.45 0.00 N | 29.34 1.27 0.00 N | 38.54 1.61 -3.05 N | 47.19 2.10 -0.16 N | 33.45 1.42 0.00 N | 26.66 1.07 0.00 N | 22.36 0.86 0.00 N | 14.98 0.54 0.00 N | 12.07 0.48 0.00 N | |
| BOC_GAS_DRP 24189 | 24.81 1.14 -1.58 N | 28.58 0.92 -11.00 N | 23.61 1.13 -1.97 N | 47.08 0.37 -40.00 N | 73.35 -1.10 -95.04 N | 42.36 0.93 -23.73 N | 36.02 1.16 -13.22 N | 46.43 0.88 -27.87 N | 39.44 0.95 -20.03 N | 29.67 1.28 -3.56 N | 29.29 1.41 0.00 N | 29.14 1.40 0.00 N | 28.42 1.36 0.00 N | 28.36 1.36 0.00 N | 29.28 1.45 0.00 N | 28.86 1.43 0.00 N | 29.42 1.36 0.00 N | 38.67 1.71 -3.08 N | 47.33 2.24 -0.16 N | 33.55 1.52 0.00 N | 26.74 1.15 0.00 N | 22.44 0.93 0.00 N | 15.03 0.59 0.00 N | 12.13 0.53 0.00 N | |
| BORALEX_4TH_BRANCH 23824 | 25.73 2.04 -1.59 N | 29.27 1.51 -11.09 N | 24.35 1.85 -1.99 N | 47.66 0.63 -40.33 N | 73.43 -1.81 -95.83 N | 43.24 1.61 -23.93 N | 36.86 1.90 -13.33 N | 47.40 1.64 -28.08 N | 40.36 1.72 -20.18 N | 30.77 2.36 -3.59 N | 30.50 2.62 0.00 N | 30.31 2.57 0.00 N | 29.50 2.43 0.00 N | 29.43 2.43 0.00 N | 30.48 2.66 0.00 N | 30.06 2.64 0.00 N | 30.71 2.65 0.00 N | 40.33 3.34 -3.10 N | 49.58 4.49 -0.16 N | 35.00 2.97 0.00 N | 27.70 2.12 0.00 N | 23.20 1.70 0.00 N | 15.53 1.08 0.00 N | 12.54 0.94 0.00 N | |
| BOWLINE___1 23526 | 25.26 1.93 -1.23 N | 26.53 1.28 -8.58 N | 23.49 1.45 -1.54 N | 38.39 0.47 -31.21 N | 52.11 -1.46 -74.15 N | 37.67 1.46 -18.51 N | 34.05 2.10 -10.32 N | 41.21 1.84 -21.69 N | 36.08 2.02 -15.59 N | 30.19 2.76 -2.61 N | 30.92 3.13 0.09 N | 30.81 3.11 0.04 N | 30.07 3.04 0.02 N | 30.03 3.06 0.03 N | 31.00 3.17 0.00 N | 30.54 3.12 0.00 N | 31.12 3.05 0.00 N | 40.02 3.77 -0.12 N | 50.03 4.97 0.00 N | 35.49 3.46 0.00 N | 28.33 2.75 0.00 N | 23.71 2.20 0.00 N | 15.82 1.38 0.00 N | 12.65 1.05 0.00 N | |
| BOWLINE___2 23595 | 25.26 1.93 -1.23 N | 26.53 1.28 -8.58 N | 23.50 1.45 -1.54 N | 38.39 0.47 -31.21 N | 52.11 -1.46 -74.16 N | 37.67 1.46 -18.51 N | 34.05 2.10 -10.32 N | 41.22 1.84 -21.69 N | 36.08 2.03 -15.59 N | 30.19 2.77 -2.61 N | 30.93 3.13 0.09 N | 30.81 3.11 0.04 N | 30.07 3.04 0.02 N | 30.03 3.07 0.03 N | 31.00 3.17 0.00 N | 30.55 3.12 0.00 N | 31.12 3.05 0.00 N | 40.02 3.78 -0.12 N | 50.04 4.99 0.00 N | 35.50 3.47 0.00 N | 28.33 2.75 0.00 N | 23.71 2.21 0.00 N | 15.83 1.38 0.00 N | 12.65 1.05 0.00 N | |
| BROOKHAVEN___DRP 24191 | 129.52 2.78 -104.65 N | 27.29 1.86 -8.77 N | 24.20 2.12 -1.57 N | 39.28 0.69 -31.88 N | 53.31 -1.87 -75.76 N | 38.58 1.96 -18.92 N | 35.07 2.90 -10.54 N | 42.06 2.21 -22.17 N | 36.72 2.33 -15.93 N | 31.42 2.91 -3.69 N | 32.71 3.67 -1.15 N | 33.41 3.69 -1.98 N | 38.82 3.64 -8.12 N | 56.60 3.69 -25.91 N | 31.36 3.53 0.00 N | 30.82 3.39 0.00 N | 31.30 3.23 0.00 N | 40.42 4.12 -0.13 N | 51.13 6.07 -0.13 N | 36.29 4.26 0.00 N | 30.74 3.57 -1.58 N | 24.15 2.65 0.00 N | 16.10 1.66 0.00 N | 12.99 1.39 0.00 N | |
| BROOKLYN_NAVY_YARD | 25.43 | 26.79 | 23.61 | 39.10 | 53.67 | 38.15 | 34.43 | 41.85 | 36.63 | 36.54 | 34.42 | 32.49 | 31.33 | 31.41 | 31.28 | 30.83 | 31.40 | 40.32 | 50.28 | 35.71 | 28.54 | 23.89 | 15.94 | 12.70 | |

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| 23515 | 2.08 -1.26 N | 1.36 -8.77 N | 1.53 -1.57 N | 0.51 -31.88 N | -1.50 -75.76 N | 1.54 -18.91 N | 2.26 -10.54 N | 2.01 -22.16 N | 2.24 -15.93 N | 3.08 -8.64 N | 3.48 -3.06 N | 3.49 -1.26 N | 3.40 -0.87 N | 3.38 -1.03 N | 3.45 0.00 N | 3.41 0.00 N | 3.34 0.00 N | 4.02 -2.42 N | 5.23 -0.13 N | 3.68 0.00 N | 2.96 0.00 N | 2.38 0.00 N | 1.50 0.00 N | 1.11 0.00 N |
| BROOKLYN___ARMY_DRP 323595 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.87 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| BROOME___LFGE 323600 | 23.71 1.07 -0.55 N | 21.22 0.72 -3.83 N | 21.97 0.77 -0.69 N | 20.87 0.23 -13.93 N | 11.70 -0.82 -33.10 N | 26.70 0.74 -8.27 N | 27.42 1.18 -4.61 N | 28.29 0.92 -9.69 N | 26.54 1.10 -6.97 N | 27.55 1.49 -1.24 N | 29.50 1.62 0.00 N | 29.32 1.58 0.00 N | 28.67 1.61 0.00 N | 28.64 1.65 0.00 N | 29.59 1.76 0.00 N | 29.03 1.61 0.00 N | 28.92 0.86 0.00 N | 35.60 0.93 -0.79 N | 46.11 1.14 -0.04 N | 32.87 0.84 0.00 N | 26.24 0.66 0.00 N | 22.03 0.52 0.00 N | 14.82 0.38 0.00 N | 11.93 0.34 0.00 N |
| BURROWS___LYONSDAL 23803 | 22.47 0.37 0.00 N | 16.92 0.25 0.00 N | 20.78 0.27 0.00 N | 6.79 0.08 0.00 N | -20.75 -0.30 -0.14 N | 19.42 0.29 -1.44 N | 23.61 0.44 -1.55 N | 19.41 0.39 -1.34 N | 20.58 0.38 -1.74 N | 27.31 0.52 -1.96 N | 30.63 0.67 -2.07 N | 30.19 0.71 -1.74 N | 28.08 0.67 -0.34 N | 28.72 0.70 -1.03 N | 30.10 0.60 -1.67 N | 29.68 0.55 -1.71 N | 30.27 0.48 -1.73 N | 36.36 0.58 -1.90 N | 46.00 0.75 -0.32 N | 32.58 0.54 0.00 N | 25.97 0.39 0.00 N | 21.80 0.29 0.00 N | 14.60 0.16 0.00 N | 13.10 0.08 -1.42 N |
| CAITHNESS_CC_1 323624 | 129.48 2.73 -104.65 N | 27.26 1.82 -8.77 N | 24.16 2.09 -1.57 N | 39.27 0.68 -31.88 N | 53.34 -1.83 -75.76 N | 38.54 1.93 -18.92 N | 35.02 2.84 -10.54 N | 42.04 2.19 -22.17 N | 36.69 2.30 -15.93 N | 31.39 2.88 -3.69 N | 32.67 3.64 -1.15 N | 33.37 3.66 -1.98 N | 38.80 3.61 -8.12 N | 56.57 3.66 -25.91 N | 31.36 3.53 0.00 N | 30.82 3.40 0.00 N | 31.30 3.24 0.00 N | 40.39 4.09 -2.43 N | 51.00 5.94 -0.13 N | 36.22 4.19 0.00 N | 30.67 3.51 -1.58 N | 24.13 2.62 0.00 N | 16.08 1.64 0.00 N | 12.97 1.37 0.00 N |
| CALPINE BETH_PAGE_GT4 24209 | 129.24 2.50 -104.65 N | 27.10 1.66 -8.77 N | 23.97 1.89 -1.57 N | 39.21 0.62 -31.88 N | 53.49 -1.69 -75.76 N | 38.34 1.73 -18.92 N | 34.69 2.52 -10.54 N | 41.91 2.06 -22.17 N | 36.60 2.21 -15.93 N | 31.32 2.81 -3.69 N | 32.47 3.43 -1.15 N | 33.20 3.48 -1.98 N | 38.61 3.43 -8.12 N | 56.37 3.46 -25.91 N | 31.34 3.52 0.00 N | 30.82 3.39 0.00 N | 31.28 3.21 0.00 N | 40.18 3.88 -2.43 N | 50.36 5.31 -0.13 N | 35.82 3.78 0.00 N | 30.39 3.22 -1.58 N | 24.02 2.52 0.00 N | 16.01 1.57 0.00 N | 12.85 1.26 0.00 N |
| CALPINE_BETH_PAGE_GT_4 323586 | 129.24 2.50 -104.65 N | 27.10 1.66 -8.77 N | 23.97 1.89 -1.57 N | 39.21 0.62 -31.88 N | 53.49 -1.69 -75.76 N | 38.34 1.73 -18.92 N | 34.69 2.52 -10.54 N | 41.91 2.06 -22.17 N | 36.60 2.21 -15.93 N | 31.32 2.81 -3.69 N | 32.47 3.43 -1.15 N | 33.20 3.48 -1.98 N | 38.61 3.43 -8.12 N | 56.37 3.46 -25.91 N | 31.34 3.52 0.00 N | 30.82 3.39 0.00 N | 31.28 3.21 0.00 N | 40.18 3.88 -2.43 N | 50.36 5.31 -0.13 N | 35.82 3.78 0.00 N | 30.39 3.22 -1.58 N | 24.02 2.52 0.00 N | 16.01 1.57 0.00 N | 12.85 1.26 0.00 N |
| CALPINE_BP_GT1 23823 | 129.24 2.50 -104.65 N | 27.10 1.66 -8.77 N | 23.97 1.89 -1.57 N | 39.21 0.62 -31.88 N | 53.49 -1.69 -75.76 N | 38.34 1.73 -18.92 N | 34.69 2.52 -10.54 N | 41.91 2.06 -22.17 N | 36.60 2.21 -15.93 N | 31.32 2.81 -3.69 N | 32.47 3.43 -1.15 N | 33.20 3.48 -1.98 N | 38.61 3.43 -8.12 N | 56.37 3.46 -25.91 N | 31.34 3.52 0.00 N | 30.82 3.39 0.00 N | 31.28 3.21 0.00 N | 40.18 3.88 -2.43 N | 50.36 5.31 -0.13 N | 35.82 3.78 0.00 N | 30.39 3.22 -1.58 N | 24.02 2.52 0.00 N | 16.01 1.57 0.00 N | 12.85 1.26 0.00 N |
| CALSPAN___DRP 24200 | 22.17 -0.17 -0.24 N | 18.10 -0.27 -1.70 N | 20.35 -0.46 -0.30 N | 12.76 -0.14 -6.19 N | -5.23 0.64 -14.72 N | 20.90 -0.47 -3.67 N | 23.24 -0.44 -2.05 N | 21.23 -0.76 -4.31 N | 20.95 -0.64 -3.13 N | 24.46 -0.92 -0.56 N | 26.73 -1.16 0.00 N | 26.54 -1.21 0.00 N | 26.10 -0.97 0.00 N | 26.04 -0.95 0.00 N | 26.92 -0.90 0.00 N | 26.52 -0.90 0.00 N | 26.76 -1.30 0.00 N | 32.27 -2.01 -0.40 N | 42.15 -2.81 -0.02 N | 30.30 -1.73 0.00 N | 24.45 -1.13 0.00 N | 20.69 -0.81 0.00 N | 14.29 -0.15 0.00 N | 11.62 0.03 0.00 N |
| CANDIGU_WT_PWR 323617 | 22.83 0.38 -0.36 N | 19.25 0.10 -2.48 N | 20.93 -0.02 -0.44 N | 15.68 -0.03 -9.01 N | 0.88 0.06 -21.41 N | 23.09 0.05 -5.35 N | 24.95 0.34 -2.98 N | 24.01 0.06 -6.27 N | 23.23 0.24 -4.52 N | 25.93 0.31 -0.80 N | 28.21 0.33 0.00 N | 28.05 0.31 0.00 N | 27.54 0.47 0.00 N | 27.56 0.56 0.00 N | 28.42 0.59 0.00 N | 27.90 0.47 0.00 N | 27.94 -0.13 0.00 N | 33.99 -0.42 -0.53 N | 44.24 -0.72 -0.03 N | 31.66 -0.37 0.00 N | 25.36 -0.22 0.00 N | 21.37 -0.14 0.00 N | 14.53 0.09 0.00 N | 11.75 0.15 0.00 N |
| CARR STREET_E__SYR 24060 | 21.83 -0.34 -0.07 N | 16.91 -0.27 -0.52 N | 20.22 -0.37 -0.09 N | 8.47 -0.13 -1.89 N | -15.71 0.38 -4.50 N | 18.53 -0.29 -1.12 N | 22.02 -0.24 -0.63 N | 18.80 -0.19 -1.32 N | 19.27 -0.15 -0.96 N | 24.82 -0.18 -0.17 N | 27.67 -0.21 0.00 N | 27.49 -0.25 0.00 N | 26.82 -0.24 0.00 N | 26.76 -0.24 0.00 N | 27.58 -0.25 0.00 N | 27.24 -0.18 0.00 N | 28.16 0.09 0.00 N | 34.13 0.04 -0.21 N | 44.88 -0.06 -0.01 N | 32.02 -0.01 0.00 N | 25.59 0.00 0.00 N | 21.46 -0.05 0.00 N | 14.44 0.00 0.00 N | 11.60 0.00 0.00 N |
| CARTHAGE___PAPER 23857 | 22.64 0.53 -0.03 N | 17.18 0.33 -0.18 N | 20.91 0.37 -0.03 N | 7.50 0.12 -0.67 N | -19.15 -0.38 -1.82 N | 20.70 0.38 -2.62 N | 24.78 0.54 -2.62 N | 20.69 0.49 -2.52 N | 21.66 0.40 -2.79 N | 28.14 0.55 -2.77 N | 31.50 0.76 -2.85 N | 30.97 0.84 -2.39 N | 28.33 0.80 -0.47 N | 29.23 0.83 -1.41 N | 31.02 0.70 -2.50 N | 30.71 0.64 -2.65 N | 31.34 0.60 -2.67 N | 37.63 0.74 -3.01 N | 46.46 1.04 -0.50 N | 32.81 0.78 0.00 N | 26.16 0.57 0.00 N | 21.94 0.44 0.00 N | 14.66 0.22 0.00 N | 13.90 0.09 -2.21 N |
| CE_DUNWOOD___DRP 24194 | 25.40 2.04 -1.26 N | 26.79 1.36 -8.76 N | 23.63 1.55 -1.57 N | 39.07 0.51 -31.85 N | 53.55 -1.54 -75.68 N | 38.12 1.53 -18.89 N | 34.36 2.20 -10.53 N | 41.74 1.92 -22.14 N | 36.50 2.12 -15.91 N | 30.30 2.89 -2.59 N | 31.05 3.30 0.13 N | 30.96 3.28 0.05 N | 30.23 3.20 0.04 N | 30.18 3.23 0.04 N | 31.16 3.33 0.00 N | 30.71 3.29 0.00 N | 31.29 3.22 0.00 N | 40.24 3.95 -2.42 N | 50.24 5.19 -0.13 N | 35.65 3.62 0.00 N | 28.46 2.88 0.00 N | 23.81 2.31 0.00 N | 15.89 1.45 0.00 N | 12.70 1.10 0.00 N |
| CE_MILLWOOD___DRP 24193 | 25.33 1.98 -1.25 N | 26.73 1.32 -8.74 N | 23.58 1.50 -1.57 N | 38.98 0.50 -31.78 N | 53.42 -1.50 -75.50 N | 38.04 1.49 -18.85 N | 34.28 2.14 -10.50 N | 41.64 1.87 -22.09 N | 36.40 2.07 -15.87 N | 30.27 2.82 -2.62 N | 30.97 3.20 0.11 N | 30.88 3.18 0.04 N | 30.13 3.10 0.03 N | 30.09 3.13 0.04 N | 31.06 3.23 0.00 N | 30.62 3.19 0.00 N | 31.20 3.13 0.00 N | 40.14 3.84 -2.42 N | 50.11 5.06 -0.13 N | 35.56 3.53 0.00 N | 28.39 2.80 0.00 N | 23.75 2.24 0.00 N | 15.85 1.41 0.00 N | 12.67 1.07 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|
| CE_NYC2_DRP 24202 | 25.58 2.23 -1.26 N | 26.91 1.47 -8.77 N | 23.75 1.67 -1.57 N | 39.15 0.56 -31.88 N | 53.55 -1.63 -75.76 N | 38.27 1.66 -18.91 N | 34.55 2.38 -10.54 N | 41.95 2.10 -22.16 N | 36.76 2.36 -15.93 N | 36.70 3.24 -8.64 N | 34.61 3.67 -3.06 N | 32.67 3.67 -1.26 N | 31.52 3.58 -0.88 N | 31.61 3.59 -1.02 N | 31.48 3.65 0.00 N | 31.02 3.59 0.00 N | 31.61 3.54 0.00 N | 40.57 4.26 -2.42 N | 50.58 5.53 -0.13 N | 35.95 3.92 0.00 N | 28.75 3.17 0.00 N | 24.08 2.56 -0.01 N | 16.07 1.62 0.00 N | 12.80 1.20 0.00 N |
| CE_NYC_DRP 24195 | 25.48 2.13 -1.26 N | 26.84 1.40 -8.77 N | 23.66 1.58 -1.57 N | 39.12 0.53 -31.88 N | 53.61 -1.56 -75.76 N | 38.20 1.59 -18.91 N | 34.47 2.30 -10.54 N | 41.88 2.04 -22.16 N | 36.68 2.29 -15.93 N | 36.61 3.13 -8.66 N | 34.51 3.56 -3.07 N | 32.56 3.56 -1.26 N | 31.41 3.48 -0.88 N | 31.52 3.50 -1.03 N | 31.39 3.57 0.00 N | 30.94 3.52 0.00 N | 31.53 3.46 0.00 N | 40.48 4.17 -2.42 N | 50.49 5.43 -0.13 N | 35.84 3.81 0.00 N | 28.65 3.06 0.00 N | 23.97 2.47 0.00 N | 16.00 1.56 0.00 N | 12.76 1.16 0.00 N |
| CHAFFEE___LFGE 323603 | 22.57 0.23 -0.24 N | 18.31 -0.07 -1.71 N | 20.56 -0.27 -0.31 N | 12.92 -0.09 -6.30 N | -5.21 0.40 -14.97 N | 21.23 -0.21 -3.74 N | 23.70 -0.01 -2.08 N | 21.72 -0.34 -4.38 N | 21.47 -0.18 -3.18 N | 25.12 -0.27 -0.56 N | 27.45 -0.44 0.00 N | 27.25 -0.49 0.00 N | 26.84 -0.22 0.00 N | 26.76 -0.23 0.00 N | 27.64 -0.19 0.00 N | 27.20 -0.22 0.00 N | 27.42 -0.64 0.00 N | 33.13 -1.15 -0.40 N | 43.33 -1.62 -0.02 N | 31.13 -0.90 0.00 N | 25.07 -0.51 0.00 N | 21.22 -0.29 0.00 N | 14.60 0.16 0.00 N | 11.85 0.25 0.00 N |
| CHATEAUG_WT_PWR 323614 | 20.95 -1.14 0.00 N | 15.69 -0.98 0.00 N | 19.42 -1.09 0.00 N | 6.32 -0.38 0.00 N | -23.95 1.06 4.43 N | -28.06 -1.10 44.66 N | -28.01 -1.55 48.09 N | -24.49 -1.25 40.91 N | -28.05 -1.56 44.95 N | -28.06 -2.17 50.72 N | -28.09 -2.32 53.65 N | -19.33 -2.15 44.92 N | 16.21 -2.03 8.82 N | -1.59 -2.09 26.51 N | -23.60 -2.23 49.21 N | -28.11 -2.33 53.20 N | -28.11 -2.51 53.67 N | -28.14 -3.02 58.99 N | 32.55 -2.51 9.88 N | 30.65 -1.39 0.00 N | 24.57 -1.02 0.00 N | 20.93 -0.58 0.00 N | 13.73 -0.71 0.00 N | -33.48 -0.77 44.30 N |
| CHAT_HIGH_FALL_HYD 323578 | 21.10 -0.99 0.00 N | 15.82 -0.84 0.00 N | 19.58 -0.92 0.00 N | 6.38 -0.33 0.00 N | -24.48 0.89 4.79 N | -31.47 -0.91 48.26 N | -31.69 -1.35 51.97 N | -27.61 -1.08 44.21 N | -31.47 -1.36 48.58 N | -31.89 -1.90 54.81 N | -32.11 -2.03 57.97 N | -22.68 -1.88 48.54 N | 15.76 -1.78 9.53 N | -3.47 -1.82 28.65 N | -27.29 -1.95 53.18 N | -32.10 -2.04 57.49 N | -32.14 -2.21 58.00 N | -32.53 -2.65 63.75 N | 32.02 -2.24 10.67 N | 30.75 -1.29 0.00 N | 24.64 -0.94 0.00 N | 20.97 -0.54 0.00 N | 13.81 -0.63 0.00 N | -36.96 -0.68 47.88 N |
| CHAUTAUQUA___LFGE 323629 | 22.52 0.17 -0.25 N | 18.37 -0.10 -1.81 N | 20.55 -0.29 -0.33 N | 13.27 -0.12 -6.68 N | -4.41 0.30 -15.88 N | 21.50 -0.16 -3.97 N | 23.93 0.09 -2.21 N | 22.11 -0.22 -4.65 N | 21.82 -0.01 -3.37 N | 25.37 -0.05 -0.60 N | 27.70 -0.18 0.00 N | 27.44 -0.30 0.00 N | 26.94 -0.12 0.00 N | 26.94 -0.06 0.00 N | 27.87 0.04 0.00 N | 27.45 0.02 0.00 N | 27.63 -0.44 0.00 N | 33.42 -0.88 -0.42 N | 43.55 -1.40 -0.02 N | 31.21 -0.81 0.00 N | 25.07 -0.52 0.00 N | 21.18 -0.32 0.00 N | 14.49 0.05 0.00 N | 11.78 0.18 0.00 N |
| CH_MIDHUDSON___DRP 24192 | 25.49 2.06 -1.33 N | 27.40 1.43 -9.31 N | 23.83 1.66 -1.67 N | 41.09 0.55 -33.83 N | 58.16 -1.64 -80.40 N | 39.34 1.57 -20.07 N | 35.02 2.20 -11.19 N | 43.05 1.90 -23.48 N | 37.42 2.08 -16.87 N | 30.66 2.82 -3.01 N | 31.07 3.19 0.00 N | 30.91 3.17 0.00 N | 30.15 3.09 0.00 N | 30.11 3.11 0.00 N | 31.06 3.24 0.00 N | 30.59 3.16 0.00 N | 31.16 3.09 0.00 N | 40.27 3.82 -2.57 N | 50.10 5.04 -0.13 N | 35.54 3.51 0.00 N | 28.34 2.75 0.00 N | 23.70 2.19 0.00 N | 15.82 1.38 0.00 N | 12.66 1.07 0.00 N |
| CH_MISC_IPPS 23765 | 25.52 2.14 -1.29 N | 27.11 1.48 -8.96 N | 23.82 1.71 -1.61 N | 39.86 0.57 -32.59 N | 55.16 -1.69 -77.44 N | 38.66 1.63 -19.33 N | 34.71 2.31 -10.77 N | 42.30 2.00 -22.63 N | 36.91 2.19 -16.26 N | 30.70 2.97 -2.90 N | 31.24 3.35 0.00 N | 31.07 3.34 0.00 N | 30.32 3.25 0.00 N | 30.28 3.28 0.00 N | 31.23 3.40 0.00 N | 30.77 3.35 0.00 N | 31.35 3.29 0.00 N | 40.44 4.08 -2.48 N | 50.41 5.35 -0.13 N | 35.76 3.73 0.00 N | 28.52 2.93 0.00 N | 23.85 2.34 0.00 N | 15.91 1.47 0.00 N | 12.73 1.13 0.00 N |
| CH_RES_BVR_FALLS 23983 | 21.45 -0.58 0.06 N | 15.76 -0.48 0.43 N | 19.87 -0.56 0.08 N | 4.95 -0.18 1.57 N | -23.80 0.51 3.73 N | 16.32 -0.45 0.93 N | 20.49 -0.62 0.52 N | 16.06 -0.53 1.09 N | 17.09 -0.59 0.78 N | 23.89 -0.79 0.14 N | 26.98 -0.90 0.00 N | 26.85 -0.90 0.00 N | 26.19 -0.87 0.00 N | 26.13 -0.87 0.00 N | 26.97 -0.86 0.00 N | 26.51 -0.92 0.00 N | 27.11 -0.96 0.00 N | 32.55 -1.20 0.13 N | 43.42 -1.50 0.01 N | 31.01 -1.03 0.00 N | 24.78 -0.81 0.00 N | 20.88 -0.63 0.00 N | 14.03 -0.41 0.00 N | 11.26 -0.34 0.00 N |
| CH_RES_NIAGARA 23895 | 21.63 -0.68 -0.22 N | 17.66 -0.55 -1.54 N | 20.02 -0.76 -0.28 N | 12.11 -0.23 -5.63 N | -6.19 1.02 -13.38 N | 20.19 -0.85 -3.34 N | 22.41 -1.08 -1.86 N | 20.18 -1.41 -3.92 N | 19.93 -1.39 -2.85 N | 23.33 -2.00 -0.51 N | 25.50 -2.38 0.00 N | 25.34 -2.40 0.00 N | 24.89 -2.17 0.00 N | 24.85 -2.15 0.00 N | 25.67 -2.16 0.00 N | 25.33 -2.09 0.00 N | 25.62 -2.44 0.00 N | 30.77 -3.48 -0.37 N | 40.19 -4.76 -0.02 N | 28.98 -3.05 0.00 N | 23.47 -2.11 0.00 N | 19.91 -1.60 0.00 N | 13.90 -0.54 0.00 N | 11.37 -0.23 0.00 N |
| CH_RES_SYRACUSE 23985 | 21.91 -0.28 -0.10 N | 17.12 -0.23 -0.68 N | 20.32 -0.31 -0.12 N | 9.07 -0.10 -2.47 N | -14.40 0.31 -5.87 N | 18.94 -0.23 -1.47 N | 22.27 -0.17 -0.82 N | 19.26 -0.14 -1.72 N | 19.59 -0.12 -0.22 N | 24.90 -0.15 -0.22 N | 27.70 -0.18 0.00 N | 27.51 -0.23 0.00 N | 26.84 -0.22 0.00 N | 26.76 -0.23 0.00 N | 27.59 -0.24 0.00 N | 27.26 -0.16 0.00 N | 28.17 0.11 0.00 N | 34.16 0.05 -0.24 N | 44.88 -0.06 -0.01 N | 32.04 0.02 0.00 N | 25.62 0.03 0.00 N | 21.48 -0.02 0.00 N | 14.46 0.01 0.00 N | 11.61 0.01 0.00 N |
| CLINTON_WT_PWR 323605 | 20.95 -1.14 0.00 N | 15.69 -0.98 0.00 N | 19.42 -1.09 0.00 N | 6.32 -0.38 0.00 N | -23.95 1.06 4.43 N | -28.06 -1.10 44.66 N | -28.01 -1.55 48.09 N | -24.49 -1.25 40.91 N | -28.05 -1.56 44.95 N | -28.06 -2.17 50.72 N | -28.09 -2.32 53.65 N | -19.33 -2.15 44.92 N | 16.21 -2.03 8.82 N | -1.59 -2.09 26.51 N | -23.60 -2.23 49.21 N | -28.11 -2.33 53.20 N | -28.11 -2.51 53.67 N | -28.14 -3.02 58.99 N | 32.55 -2.51 9.88 N | 30.65 -1.39 0.00 N | 24.57 -1.02 0.00 N | 20.93 -0.58 0.00 N | 13.73 -0.71 0.00 N | -33.48 -0.77 44.30 N |
| CLINTON___LFGE 323618 | 21.27 -0.83 0.00 N | 15.94 -0.73 0.00 N | 19.70 -0.81 0.00 N | 6.41 -0.29 0.00 N | -24.32 0.79 4.52 N | -28.74 -0.84 45.59 N | -28.69 -1.23 49.09 N | -25.01 -0.93 41.77 N | -28.65 -1.23 45.89 N | -28.70 -1.75 51.77 N | -28.75 -1.87 54.76 N | -19.79 -1.68 45.85 N | 16.52 -1.54 9.00 N | -1.68 -1.62 27.06 N | -24.18 -1.78 50.23 N | -28.78 -1.90 54.30 N | -28.80 -2.07 54.79 N | -28.83 -2.49 60.22 N | 33.04 -1.80 10.08 N | 31.13 -0.90 0.00 N | 24.90 -0.69 0.00 N | 21.22 -0.29 0.00 N | 13.92 -0.52 0.00 N | -34.24 -0.61 45.22 N |
| COLONIE_LFGE___ 323577 | 25.59 1.89 -1.61 N | 29.29 1.43 -11.20 N | 24.26 1.75 -2.01 N | 48.02 0.59 -40.72 N | 74.46 -1.71 -96.76 N | 43.38 1.52 -24.16 N | 36.93 1.84 -13.46 N | 47.57 1.54 -28.36 N | 40.45 1.60 -20.38 N | 30.62 2.17 -3.63 N | 30.31 2.43 0.00 N | 30.08 2.34 0.00 N | 29.28 2.22 0.00 N | 29.21 2.21 0.00 N | 30.21 2.38 0.00 N | 29.80 2.38 0.00 N | 30.47 2.40 0.00 N | 40.10 3.09 -3.14 N | 49.15 4.06 -0.16 N | 34.76 2.73 0.00 N | 27.53 1.94 0.00 N | 23.09 1.59 0.00 N | 15.42 0.98 0.00 N | 12.42 0.82 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 | N |
| CORNELL____ | 23.42 | 20.05 | 21.66 | 16.93 | 2.59 | 24.29 | 26.14 | 25.64 | 24.64 | 27.28 | 29.59 | 29.41 | 28.75 | 28.72 | 29.65 | 28.97 | 28.53 | 34.68 | 45.16 | 32.40 | 25.96 | 21.75 | 14.66 | 11.81 | | |
| 23752 | 0.93 | 0.62 | 0.66 | 0.19 | -0.67 | 0.64 | 1.19 | 0.98 | 1.15 | 1.56 | 1.71 | 1.68 | 1.69 | 1.73 | 1.82 | 1.55 | 0.46 | 0.33 | 0.20 | 0.37 | 0.38 | 0.25 | 0.22 | 0.21 | | |
| | -0.40 | -2.76 | -0.49 | -10.03 | -23.84 | -5.95 | -3.32 | -6.98 | -5.02 | -0.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.47 | -0.02 | 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 | | |
| COXSACKIE____GT | 25.49 | 27.95 | 24.04 | 42.99 | 62.48 | 40.47 | 35.58 | 43.75 | 37.83 | 30.44 | 30.63 | 30.45 | 29.74 | 29.67 | 30.63 | 30.04 | 30.57 | 39.73 | 49.31 | 34.95 | 27.80 | 23.26 | 15.53 | 12.47 | | |
| 23611 | 1.99 | 1.46 | 1.77 | 0.59 | -1.75 | 1.60 | 2.15 | 1.73 | 1.88 | 2.48 | 2.75 | 2.71 | 2.68 | 2.68 | 2.80 | 2.62 | 2.50 | 3.19 | 4.24 | 2.92 | 2.22 | 1.76 | 1.09 | 0.87 | | |
| | -1.41 | -9.82 | -1.76 | -35.69 | -84.81 | -21.18 | -11.80 | -24.33 | -17.49 | -3.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.66 | -0.14 | 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 | | |
| CRESCENT____HYD | 25.59 | 29.29 | 24.26 | 48.02 | 74.46 | 43.38 | 36.93 | 47.57 | 40.45 | 30.62 | 30.31 | 30.08 | 29.28 | 29.21 | 30.21 | 29.80 | 30.47 | 40.10 | 49.15 | 34.76 | 27.53 | 23.09 | 15.42 | 12.42 | | |
| 24018 | 1.89 | 1.43 | 1.75 | 0.59 | -1.71 | 1.52 | 1.84 | 1.54 | 1.60 | 2.17 | 2.43 | 2.34 | 2.22 | 2.21 | 2.38 | 2.38 | 2.40 | 3.09 | 4.06 | 2.73 | 1.94 | 1.59 | 0.98 | 0.82 | | |
| | -1.61 | -11.20 | -2.01 | -40.72 | -96.76 | -24.16 | -13.46 | -28.36 | -20.38 | -3.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.14 | -0.16 | 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 | | |
| CRUCIBLE_METL_DRP | 21.91 | 17.12 | 20.32 | 9.07 | -14.40 | 18.94 | 22.27 | 19.26 | 19.59 | 24.90 | 27.70 | 27.51 | 26.84 | 26.76 | 27.59 | 27.26 | 28.17 | 34.16 | 44.88 | 32.04 | 25.62 | 21.48 | 14.46 | 11.61 | | |
| 24180 | -0.28 | -0.23 | -0.31 | -0.10 | 0.31 | -0.23 | -0.17 | -0.14 | -0.12 | -0.15 | -0.18 | -0.23 | -0.22 | -0.23 | -0.24 | -0.16 | 0.11 | 0.05 | -0.06 | 0.02 | 0.03 | -0.02 | 0.01 | 0.01 | | |
| | -0.10 | -0.68 | -0.12 | -2.47 | -5.87 | -1.47 | -0.82 | -1.72 | -1.24 | -0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.24 | -0.01 | 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 | | |
| DANC____LFGE | 22.75 | 17.29 | 20.99 | 7.64 | -18.96 | 20.62 | 24.75 | 20.70 | 21.64 | 28.09 | 31.42 | 30.91 | 28.48 | 29.29 | 30.97 | 30.65 | 31.34 | 37.69 | 46.84 | 33.13 | 26.42 | 22.11 | 14.76 | 13.74 | | |
| 323619 | 0.63 | 0.40 | 0.45 | 0.14 | -0.46 | 0.47 | 0.71 | 0.64 | 0.58 | 0.78 | 1.00 | 1.04 | 1.00 | 1.03 | 0.91 | 0.86 | 0.88 | 1.10 | 1.47 | 1.10 | 0.83 | 0.60 | 0.32 | 0.18 | | |
| | -0.03 | -0.22 | -0.04 | -0.80 | -2.09 | -2.46 | -2.40 | -2.39 | -2.59 | -2.49 | -2.55 | -2.13 | -0.42 | -1.26 | -2.23 | -2.37 | -2.39 | -2.71 | -0.44 | 0.00 | 0.00 | 0.00 | 0.00 | -1.97 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| DANSKAMMER____1 | 25.52 | 27.11 | 23.82 | 39.86 | 55.16 | 38.66 | 34.71 | 42.30 | 36.91 | 30.70 | 31.24 | 31.07 | 30.32 | 30.28 | 31.23 | 30.77 | 31.35 | 40.44 | 50.41 | 35.76 | 28.52 | 23.85 | 15.91 | 12.73 | | |
| 23586 | 2.14 | 1.48 | 1.71 | 0.57 | -1.69 | 1.63 | 2.31 | 2.00 | 2.19 | 2.97 | 3.35 | 3.34 | 3.25 | 3.28 | 3.40 | 3.35 | 3.29 | 4.08 | 5.35 | 3.73 | 2.93 | 2.34 | 1.47 | 1.13 | | |
| | -1.29 | -8.96 | -1.61 | -32.59 | -77.44 | -19.33 | -10.77 | -22.63 | -16.26 | -2.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.48 | -0.13 | 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 | | |
| DANSKAMMER____2 | 25.52 | 27.11 | 23.82 | 39.86 | 55.16 | 38.66 | 34.71 | 42.30 | 36.91 | 30.70 | 31.24 | 31.07 | 30.32 | 30.28 | 31.23 | 30.77 | 31.35 | 40.44 | 50.41 | 35.76 | 28.52 | 23.85 | 15.91 | 12.73 | | |
| 23589 | 2.14 | 1.48 | 1.71 | 0.57 | -1.69 | 1.63 | 2.31 | 2.00 | 2.19 | 2.97 | 3.35 | 3.34 | 3.25 | 3.28 | 3.40 | 3.35 | 3.29 | 4.08 | 5.35 | 3.73 | 2.93 | 2.34 | 1.47 | 1.13 | | |
| | -1.29 | -8.96 | -1.61 | -32.59 | -77.44 | -19.33 | -10.77 | -22.63 | -16.26 | -2.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.48 | -0.13 | 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 | | |
| DANSKAMMER____3 | 25.52 | 27.11 | 23.82 | 39.86 | 55.16 | 38.66 | 34.71 | 42.30 | 36.91 | 30.70 | 31.24 | 31.07 | 30.32 | 30.28 | 31.23 | 30.77 | 31.35 | 40.44 | 50.41 | 35.76 | 28.52 | 23.85 | 15.91 | 12.73 | | |
| 23590 | 2.14 | 1.48 | 1.71 | 0.57 | -1.69 | 1.63 | 2.31 | 2.00 | 2.19 | 2.97 | 3.35 | 3.34 | 3.25 | 3.28 | 3.40 | 3.35 | 3.29 | 4.08 | 5.35 | 3.73 | 2.93 | 2.34 | 1.47 | 1.13 | | |
| | -1.29 | -8.96 | -1.61 | -32.59 | -77.44 | -19.33 | -10.77 | -22.63 | -16.26 | -2.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.48 | -0.13 | 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 | | |
| DANSKAMMER____4 | 25.52 | 27.11 | 23.82 | 39.86 | 55.16 | 38.66 | 34.71 | 42.30 | 36.91 | 30.70 | 31.24 | 31.07 | 30.32 | 30.28 | 31.23 | 30.77 | 31.35 | 40.44 | 50.41 | 35.76 | 28.52 | 23.85 | 15.91 | 12.73 | | |
| 23591 | 2.14 | 1.48 | 1.71 | 0.57 | -1.69 | 1.63 | 2.31 | 2.00 | 2.19 | 2.97 | 3.35 | 3.34 | 3.25 | 3.28 | 3.40 | 3.35 | 3.29 | 4.08 | 5.35 | 3.73 | 2.93 | 2.34 | 1.47 | 1.13 | | |
| | -1.29 | -8.96 | -1.61 | -32.59 | -77.44 | -19.33 | -10.77 | -22.63 | -16.26 | -2.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.48 | -0.13 | 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 | | |
| DANSKAMMER____DIESEL | 25.52 | 27.11 | 23.82 | 39.86 | 55.16 | 38.66 | 34.71 | 42.30 | 36.91 | 30.70 | 31.24 | 31.07 | 30.32 | 30.28 | 31.23 | 30.77 | 31.35 | 40.44 | 50.41 | 35.76 | 28.52 | 23.85 | 15.91 | 12.73 | | |
| 23592 | 2.14 | 1.48 | 1.71 | 0.57 | -1.69 | 1.63 | 2.31 | 2.00 | 2.19 | 2.97 | 3.35 | 3.34 | 3.25 | 3.28 | 3.40 | 3.35 | 3.29 | 4.08 | 5.35 | 3.73 | 2.93 | 2.34 | 1.47 | 1.13 | | |
| | -1.29 | -8.96 | -1.61 | -32.59 | -77.44 | -19.33 | -10.77 | -22.63 | -16.26 | -2.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.48 | -0.13 | 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 | | |
| DASHVILLE____HYD | 25.31 | 26.97 | 23.57 | 39.96 | 55.86 | 38.54 | 34.50 | 42.12 | 36.72 | 30.47 | 30.92 | 30.77 | 30.01 | 29.94 | 30.87 | 30.44 | 31.03 | 40.02 | 49.87 | 35.40 | 28.23 | 23.60 | 15.75 | 12.60 | | |
| 23610 | 1.92 | 1.29 | 1.45 | 0.48 | -1.43 | 1.40 | 2.03 | 1.75 | 1.94 | 2.69 | 3.03 | 3.03 | 2.95 | 2.95 | 3.05 | 3.02 | 2.96 | 3.65 | 4.82 | 3.37 | 2.64 | 2.10 | 1.31 | 1.00 | | |
| | -1.29 | -9.01 | -1.61 | -32.78 | -77.88 | -19.44 | -10.84 | -22.69 | -16.31 | -2.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.49 | -0.13 | 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 | | |
| DELAWARE____LFGE | 23.88 | 21.78 | 22.27 | 22.43 | 14.99 | 27.71 | 27.99 | 29.48 | 27.38 | 27.83 | 29.69 | 29.52 | 28.82 | 28.77 | 29.68 | 29.22 | 29.61 | 36.81 | 47.44 | 33.77 | 26.95 | 22.58 | 15.12 | 12.15 | | |
| 323621 | 1.18 | 0.87 | 1.01 | 0.32 | -1.02 | 0.87 | 1.27 | 1.09 | 1.21 | 1.64 | 1.80 | 1.78 | 1.76 | 1.78 | 1.86 | 1.80 | 1.55 | 1.91 | 2.45 | 1.74 | 1.36 | 1.07 | 0.68 | 0.55 | | |
| | -0.61 | -4.24 | -0.76 | -15.40 | -36.59 | -9.14 | -5.09 | -10.71 | -7.70 | -1.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.03 | -0.05 | 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 | | |
| DOGLEVILLE____HYD | 23.66 | 17.67 | 21.87 | 6.46 | -23.67 | 18.56 | 23.14 | 18.55 | 19.59 | 26.77 | 29.85 | 29.65 | 28.89 | 28.82 | 29.75 | 29.48 | 30.12 | 36.48 | 48.35 | 34.48 | 27.33 | 22.83 | 15.15 | 12.20 | | |
| 23807 | 1.59 | 1.19 | 1.39 | 0.45 | -1.43 | 1.28 | 1.74 | 1.35 | 1.49 | 2.01 | 1.97 | 1.91 | 1.83 | 1.83 | 1.92 | 2.06 | 2.06 | 2.66 | 3.42 | 2.45 | 1.75 | 1.32 | 0.71 | 0.60 | | |
| | 0.03 | 0.19 | 0.03 | 0.70 | 1.65 | 0.41 | 0.23 | 0.48 | 0.36 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 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 | | |
| DUNKIRK____1 | 22.38 | 18.28 | 20.44 | 13.19 | -4.41 | 21.38 | 23.79 | 21.96 | 21.68 | 25.22 | 27.51 | 27.28 | 26.79 | 26.77 | 27.71 | 27.29 | 27.46 | 33.20 | 43.28 | 31.03 | 24.92 | 21.05 | 14.41 | 11.72 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|
| 23563 | 0.03 -0.25 N | -0.19 -1.80 N | -0.39 -0.33 N | -0.15 -6.64 N | 0.40 -15.78 N | -0.26 -3.94 N | -0.04 -2.20 N | -0.34 -4.62 N | -0.13 -3.35 N | -0.20 -0.60 N | -0.37 0.00 N | -0.46 0.00 N | -0.27 0.00 N | -0.22 0.00 N | -0.12 0.00 N | -0.14 0.00 N | -0.60 0.00 N | -1.09 -0.42 N | -1.67 -0.02 N | -1.00 0.00 N | -0.67 0.00 N | -0.45 0.00 N | -0.04 0.00 N | 0.12 0.00 N |
| DUNKIRK___2 23564 | 22.38 0.03 -0.25 N | 18.28 -0.19 -1.80 N | 20.44 -0.39 -0.33 N | 13.19 -0.15 -6.64 N | -4.41 0.40 -15.78 N | 21.38 -0.26 -3.94 N | 23.79 -0.04 -2.20 N | 21.96 -0.34 -4.62 N | 21.68 -0.13 -3.35 N | 25.22 -0.20 -0.60 N | 27.51 -0.37 0.00 N | 27.28 -0.46 0.00 N | 26.79 -0.27 0.00 N | 26.77 -0.22 0.00 N | 27.71 -0.12 0.00 N | 27.29 -0.14 0.00 N | 27.46 -0.60 0.00 N | 33.20 -1.09 -0.42 N | 43.28 -1.67 -0.02 N | 31.03 -1.00 0.00 N | 24.92 -0.67 0.00 N | 21.05 -0.45 0.00 N | 14.41 -0.04 0.00 N | 11.72 0.12 0.00 N |
| DUNKIRK___3 23565 | 22.29 -0.07 -0.26 N | 18.25 -0.24 -1.82 N | 20.39 -0.45 -0.33 N | 13.19 -0.16 -6.65 N | -4.32 0.47 -15.79 N | 21.31 -0.34 -3.94 N | 23.66 -0.17 -2.20 N | 21.84 -0.47 -4.63 N | 21.53 -0.28 -3.35 N | 25.01 -0.41 -0.60 N | 27.28 -0.61 0.00 N | 27.06 -0.67 0.00 N | 26.59 -0.47 0.00 N | 26.56 -0.43 0.00 N | 27.49 -0.34 0.00 N | 27.07 -0.36 0.00 N | 27.26 -0.81 0.00 N | 32.95 -1.35 -2.00 N | 42.96 -2.00 -0.02 N | 30.81 -1.22 0.00 N | 24.76 -0.82 0.00 N | 20.92 -0.58 0.00 N | 14.35 -0.10 0.00 N | 11.67 0.08 0.00 N |
| DUNKIRK___4 23566 | 22.29 -0.07 -0.26 N | 18.25 -0.24 -1.82 N | 20.39 -0.45 -0.33 N | 13.19 -0.16 -6.65 N | -4.32 0.47 -15.79 N | 21.31 -0.34 -3.94 N | 23.66 -0.17 -2.20 N | 21.84 -0.47 -4.63 N | 21.53 -0.28 -3.35 N | 25.01 -0.41 -0.60 N | 27.28 -0.61 0.00 N | 27.06 -0.67 0.00 N | 26.59 -0.47 0.00 N | 26.56 -0.43 0.00 N | 27.49 -0.34 0.00 N | 27.07 -0.36 0.00 N | 27.26 -0.81 0.00 N | 32.95 -1.35 -2.00 N | 42.96 -2.00 -0.02 N | 30.81 -1.22 0.00 N | 24.76 -0.82 0.00 N | 20.92 -0.58 0.00 N | 14.35 -0.10 0.00 N | 11.67 0.08 0.00 N |
| EAST HAMPTON___GT 23717 | 132.22 5.47 -104.65 N | 29.08 3.65 -8.77 N | 26.34 4.26 -1.57 N | 39.97 1.38 -31.88 N | 51.12 -4.05 -75.76 N | 40.57 3.95 -18.92 N | 37.78 5.61 -10.54 N | 44.39 4.55 -22.17 N | 39.26 4.87 -15.93 N | 34.93 6.41 -3.69 N | 36.63 7.60 -1.15 N | 37.25 7.53 -1.98 N | 42.54 7.35 -8.12 N | 60.30 7.39 -25.91 N | 35.20 7.37 0.00 N | 34.83 7.41 0.00 N | 35.62 7.56 0.00 N | 46.20 9.90 -2.43 N | 58.75 13.69 -0.13 N | 41.26 9.23 0.00 N | 34.51 7.35 -1.58 N | 27.15 5.64 0.00 N | 17.96 3.52 0.00 N | 14.32 2.73 0.00 N |
| EAST RIVER___6 23660 | 25.48 2.13 -1.26 N | 26.83 1.39 -8.77 N | 23.66 1.58 -1.57 N | 39.12 0.52 -31.88 N | 53.62 -1.55 -75.76 N | 38.19 1.58 -18.91 N | 34.47 2.31 -10.54 N | 41.88 2.04 -22.16 N | 36.68 2.29 -15.93 N | 36.61 3.14 -8.65 N | 34.51 3.56 -3.06 N | 32.56 3.56 -1.26 N | 31.41 3.47 -0.88 N | 31.52 3.49 -1.03 N | 31.39 3.57 0.00 N | 30.95 3.53 0.00 N | 31.53 3.47 0.00 N | 40.48 4.18 -2.42 N | 50.46 5.41 -0.13 N | 35.84 3.81 0.00 N | 28.64 3.05 0.00 N | 23.97 2.46 0.00 N | 16.00 1.56 0.00 N | 12.75 1.15 0.00 N |
| EAST RIVER___7 23524 | 25.48 2.13 -1.26 N | 26.83 1.39 -8.77 N | 23.66 1.58 -1.57 N | 39.12 0.52 -31.88 N | 53.62 -1.55 -75.76 N | 38.19 1.58 -18.91 N | 34.47 2.31 -10.54 N | 41.88 2.04 -22.16 N | 36.68 2.29 -15.93 N | 36.61 3.14 -8.65 N | 34.51 3.56 -3.06 N | 32.56 3.56 -1.26 N | 31.41 3.47 -0.88 N | 31.52 3.49 -1.03 N | 31.39 3.57 0.00 N | 30.95 3.53 0.00 N | 31.53 3.47 0.00 N | 40.48 4.18 -2.42 N | 50.46 5.41 -0.13 N | 35.84 3.81 0.00 N | 28.64 3.05 0.00 N | 23.97 2.46 0.00 N | 16.00 1.56 0.00 N | 12.75 1.15 0.00 N |
| EAST_HAMPTON___DIESEL 23722 | 132.22 5.47 -104.65 N | 29.08 3.65 -8.77 N | 26.34 4.26 -1.57 N | 39.97 1.38 -31.88 N | 51.12 -4.05 -75.76 N | 40.57 3.95 -18.92 N | 37.78 5.61 -10.54 N | 44.39 4.55 -22.17 N | 39.26 4.87 -15.93 N | 34.93 6.41 -3.69 N | 36.63 7.60 -1.15 N | 37.25 7.53 -1.98 N | 42.54 7.35 -8.12 N | 60.30 7.39 -25.91 N | 35.20 7.37 0.00 N | 34.83 7.41 0.00 N | 35.62 7.56 0.00 N | 46.20 9.90 -2.43 N | 58.75 13.69 -0.13 N | 41.26 9.23 0.00 N | 34.51 7.35 -1.58 N | 27.15 5.64 0.00 N | 17.96 3.52 0.00 N | 14.32 2.73 0.00 N |
| EAST_RIVER___1 323558 | 25.48 2.13 -1.26 N | 26.84 1.40 -8.77 N | 23.66 1.58 -1.57 N | 39.12 0.53 -31.88 N | 53.61 -1.56 -75.76 N | 38.20 1.59 -18.91 N | 34.47 2.30 -10.54 N | 41.88 2.04 -22.16 N | 36.68 2.29 -15.93 N | 36.61 3.13 -8.66 N | 34.51 3.56 -3.07 N | 32.56 3.56 -1.26 N | 31.41 3.48 -0.88 N | 31.52 3.50 -1.03 N | 31.39 3.57 0.00 N | 30.94 3.52 0.00 N | 31.53 3.46 0.00 N | 40.48 4.17 -2.42 N | 50.49 5.43 -0.13 N | 35.84 3.81 0.00 N | 28.65 3.06 0.00 N | 23.97 2.47 0.00 N | 16.00 1.56 0.00 N | 12.76 1.16 0.00 N |
| EAST_RIVER___2 323559 | 25.48 2.13 -1.26 N | 26.83 1.39 -8.77 N | 23.66 1.58 -1.57 N | 39.12 0.52 -31.88 N | 53.62 -1.55 -75.76 N | 38.19 1.58 -18.91 N | 34.47 2.31 -10.54 N | 41.88 2.04 -22.16 N | 36.68 2.29 -15.93 N | 36.61 3.14 -8.65 N | 34.51 3.56 -3.06 N | 32.56 3.56 -1.26 N | 31.41 3.47 -0.88 N | 31.52 3.49 -1.03 N | 31.39 3.57 0.00 N | 30.95 3.53 0.00 N | 31.53 3.47 0.00 N | 40.48 4.18 -2.42 N | 50.46 5.41 -0.13 N | 35.84 3.81 0.00 N | 28.64 3.05 0.00 N | 23.97 2.46 0.00 N | 16.00 1.56 0.00 N | 12.75 1.15 0.00 N |
| EAST___DELAWARE_HYD 23607 | 24.78 1.59 -1.10 N | 25.40 1.08 -7.65 N | 23.11 1.23 -1.37 N | 34.91 0.40 -27.81 N | 44.25 -1.24 -66.07 N | 35.39 1.20 -16.50 N | 32.59 1.77 -9.19 N | 38.53 1.55 -19.30 N | 34.29 1.92 -13.90 N | 32.11 4.39 -2.90 N | 32.69 4.81 0.00 N | 32.03 4.29 0.00 N | 30.03 2.97 0.00 N | 29.80 2.80 0.00 N | 30.88 3.05 0.00 N | 30.47 3.04 0.00 N | 31.06 3.00 0.00 N | 39.73 3.76 -2.10 N | 49.95 4.91 -0.11 N | 35.46 3.43 0.00 N | 28.26 2.68 0.00 N | 23.61 2.11 0.00 N | 15.75 1.31 0.00 N | 12.59 0.99 0.00 N |
| ELEC_TRO_TEK 24086 | 129.03 2.29 -104.65 N | 26.96 1.52 -8.77 N | 23.82 1.74 -1.57 N | 39.17 0.57 -31.88 N | 53.58 -1.60 -75.76 N | 38.27 1.66 -18.92 N | 34.60 2.43 -10.54 N | 41.90 2.06 -22.17 N | 36.59 2.20 -15.93 N | 31.35 2.83 -3.69 N | 32.51 3.47 -1.15 N | 33.22 3.50 -1.98 N | 38.62 3.43 -8.12 N | 56.36 3.45 -25.91 N | 31.35 3.52 0.00 N | 30.85 3.43 0.00 N | 31.35 3.29 0.00 N | 40.23 3.93 -2.43 N | 50.33 5.27 -0.13 N | 35.77 3.73 0.00 N | 30.23 3.06 -1.58 N | 23.90 2.39 0.00 N | 15.95 1.51 0.00 N | 12.79 1.19 0.00 N |
| ELLENBURG_WT_PWR 323604 | 20.95 -1.14 0.00 N | 15.69 -0.98 0.00 N | 19.42 -1.09 0.00 N | 6.32 -0.38 0.00 N | -23.95 1.06 4.43 N | -28.06 -1.10 44.66 N | -28.01 -1.55 48.09 N | -24.49 -1.25 40.91 N | -28.05 -1.56 44.95 N | -28.06 -2.17 50.72 N | -28.09 -2.32 44.92 N | -19.33 -2.15 8.82 N | 16.21 -2.03 26.51 N | -1.59 -2.09 49.21 N | -23.60 -2.23 53.20 N | -28.11 -2.33 53.67 N | -28.11 -2.51 58.99 N | -28.14 -3.02 9.88 N | 32.55 -2.51 0.00 N | 30.65 -1.39 0.00 N | 24.57 -1.02 0.00 N | 20.93 -0.58 0.00 N | 13.73 -0.71 0.00 N | -33.48 -0.77 44.30 N |
| EMPIRE_CC_1 323656 | 25.19 1.56 -1.53 N | 28.56 1.19 -10.70 N | 23.87 1.44 -1.92 N | 46.11 0.49 -38.92 N | 70.49 -1.40 -92.47 N | 41.96 1.18 -23.09 N | 35.80 1.31 -12.87 N | 45.77 1.01 -27.09 N | 39.02 1.09 -19.46 N | 29.76 1.48 -3.46 N | 29.46 1.58 0.00 N | 29.30 1.56 0.00 N | 28.54 1.48 0.00 N | 28.49 1.49 0.00 N | 29.46 1.63 0.00 N | 29.03 1.61 0.00 N | 29.56 1.50 0.00 N | 38.79 1.92 -2.99 N | 47.63 2.54 -0.16 N | 33.74 1.70 0.00 N | 26.89 1.30 0.00 N | 22.53 1.03 0.00 N | 15.12 0.68 0.00 N | 12.31 0.71 0.00 N |

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|----------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| EMPIRE_CC_2 323658 | 25.19 1.56 -1.53 N | 28.56 1.19 -10.70 N | 23.87 1.44 -1.92 N | 46.11 0.49 -38.92 N | 70.49 -1.40 -92.47 N | 41.96 1.18 -23.09 N | 35.80 1.31 -12.87 N | 45.77 1.01 -27.09 N | 39.02 1.09 -19.46 N | 29.76 1.48 -3.46 N | 29.46 1.58 0.00 N | 29.30 1.56 0.00 N | 28.54 1.48 0.00 N | 28.49 1.49 0.00 N | 29.46 1.63 0.00 N | 29.03 1.61 0.00 N | 29.56 1.50 0.00 N | 38.79 1.92 -2.99 N | 47.63 2.54 -0.16 N | 33.74 1.70 0.00 N | 26.89 1.30 0.00 N | 22.53 1.03 0.00 N | 15.12 0.68 0.00 N | 12.31 0.71 0.00 N |
| ERIE_WT_PWR 323693 | 22.16 -0.18 -0.24 N | 18.09 -0.27 -1.70 N | 20.34 -0.47 -0.30 N | 12.76 -0.15 -6.19 N | -5.21 0.66 -14.72 N | 20.89 -0.48 -3.67 N | 23.23 -0.45 -2.05 N | 21.22 -0.76 -4.31 N | 20.94 -0.65 -3.13 N | 24.45 -0.93 -0.56 N | 26.71 -1.17 0.00 N | 26.53 -1.21 0.00 N | 26.08 -0.98 0.00 N | 26.03 -0.97 0.00 N | 26.91 -0.92 0.00 N | 26.51 -0.92 0.00 N | 26.74 -1.32 0.00 N | 32.24 -2.04 -0.40 N | 42.14 -2.81 -0.02 N | 30.30 -1.74 0.00 N | 24.43 -1.15 0.00 N | 20.68 -0.82 0.00 N | 14.29 -0.15 0.00 N | 11.62 0.02 0.00 N |
| E_CANADA_CAP_HY 24051 | 24.61 0.51 -2.01 N | 31.00 0.34 -13.99 N | 23.36 0.35 -2.51 N | 57.67 0.10 -50.86 N | 99.83 -0.43 -120.85 N | 48.29 0.42 -30.17 N | 39.11 0.66 -16.81 N | 53.87 0.78 -35.41 N | 44.69 0.78 -25.44 N | 30.31 0.96 -4.52 N | 28.73 0.84 0.00 N | 28.48 0.74 0.00 N | 27.97 0.91 0.00 N | 27.91 0.91 0.00 N | 28.70 0.87 0.00 N | 28.33 0.91 0.00 N | 29.20 1.13 0.00 N | 39.35 1.57 -3.90 N | 46.87 1.74 -0.20 N | 33.39 1.36 0.00 N | 26.76 1.17 0.00 N | 22.43 0.92 0.00 N | 14.98 0.54 0.00 N | 11.89 0.29 0.00 N |
| E_CANADA_MHWK_HY 24050 | 23.66 1.59 0.03 N | 17.67 1.19 0.19 N | 21.87 1.39 0.03 N | 6.46 0.45 0.70 N | -23.67 -1.43 1.65 N | 18.56 1.28 0.41 N | 23.14 1.74 0.23 N | 18.55 1.35 0.48 N | 19.59 1.49 0.36 N | 26.77 2.01 0.06 N | 29.85 1.97 0.00 N | 29.65 1.91 0.00 N | 28.89 1.83 0.00 N | 28.82 1.83 0.00 N | 29.75 1.92 0.00 N | 29.48 2.06 0.00 N | 30.12 2.06 0.00 N | 36.48 2.66 0.06 N | 48.35 3.42 0.00 N | 34.48 2.45 0.00 N | 27.33 1.75 0.00 N | 22.83 1.32 0.00 N | 15.15 0.71 0.00 N | 12.20 0.60 0.00 N |
| E_FISHKILL___LBMP 23776 | 25.26 1.88 -1.28 N | 26.89 1.29 -8.94 N | 23.60 1.49 -1.60 N | 39.70 0.49 -32.50 N | 55.16 -1.47 -77.21 N | 38.40 1.42 -19.28 N | 34.37 1.99 -10.74 N | 42.01 1.74 -22.59 N | 36.61 1.91 -16.23 N | 30.39 2.60 -2.97 N | 30.86 2.94 -0.04 N | 30.68 2.92 -0.02 N | 29.92 2.85 -0.01 N | 29.87 2.86 -0.02 N | 30.81 2.98 0.00 N | 30.36 2.94 0.00 N | 30.94 2.88 0.00 N | 39.90 3.55 -2.47 N | 49.72 4.66 -0.13 N | 35.28 3.25 0.00 N | 28.14 2.56 0.00 N | 23.54 2.04 0.00 N | 15.72 1.28 0.00 N | 12.59 0.99 0.00 N |
| FAR ROCKAWAY___4 23548 | 129.60 2.85 -104.65 N | 27.36 1.92 -8.77 N | 24.31 2.23 -1.57 N | 39.32 0.73 -31.88 N | 53.10 -2.08 -75.76 N | 38.72 2.10 -18.92 N | 35.18 3.01 -10.54 N | 42.12 2.28 -22.17 N | 36.85 2.46 -15.93 N | 31.67 3.15 -3.69 N | 32.93 3.90 -1.15 N | 33.67 3.95 -1.98 N | 39.04 3.85 -8.12 N | 56.76 3.85 -25.91 N | 31.79 3.96 0.00 N | 31.27 3.84 0.00 N | 31.81 3.74 0.00 N | 40.83 4.52 -2.43 N | 51.09 6.04 -0.13 N | 36.30 4.27 0.00 N | 30.63 3.46 -1.58 N | 24.27 2.76 0.00 N | 16.35 1.91 0.00 N | 13.09 1.50 0.00 N |
| FARRAGUT___LBMP 323566 | 25.47 2.12 -1.26 N | 26.82 1.39 -8.77 N | 23.65 1.57 -1.57 N | 39.12 0.52 -31.88 N | 53.63 -1.54 -75.76 N | 38.18 1.57 -18.91 N | 34.45 2.28 -10.54 N | 41.86 2.02 -22.16 N | 36.65 2.26 -15.93 N | 36.56 3.10 -8.64 N | 34.46 3.52 -3.06 N | 32.51 3.51 -1.26 N | 31.37 3.43 -0.87 N | 31.47 3.45 -1.03 N | 31.35 3.51 0.00 N | 30.89 3.47 0.00 N | 31.48 3.41 0.00 N | 40.42 4.12 -2.42 N | 50.41 5.35 -0.13 N | 35.79 3.76 0.00 N | 28.61 3.02 0.00 N | 23.94 2.44 0.00 N | 15.98 1.54 0.00 N | 12.74 1.14 0.00 N |
| FENNER___WINDPWR 24204 | 22.76 0.55 -0.11 N | 17.79 0.36 -0.77 N | 21.03 0.38 -0.14 N | 9.56 0.06 -2.79 N | -14.51 -0.55 -6.63 N | 19.77 0.42 -1.66 N | 23.28 0.72 -0.92 N | 20.24 0.62 -1.94 N | 20.59 0.71 -1.42 N | 26.04 0.96 -0.25 N | 28.93 1.05 0.00 N | 28.76 1.02 0.00 N | 28.06 1.00 0.00 N | 28.01 1.02 0.00 N | 28.88 1.05 0.00 N | 28.38 0.95 0.00 N | 28.69 0.63 0.00 N | 34.72 0.70 0.14 N | 45.81 0.87 -0.01 N | 32.67 0.63 0.00 N | 26.06 0.47 0.00 N | 21.82 0.32 0.00 N | 14.65 0.21 0.00 N | 11.75 0.15 0.00 N |
| FIBERTEK___ENERGY 23856 | 21.91 -0.28 -0.10 N | 17.12 -0.23 -0.68 N | 20.32 -0.31 -0.12 N | 9.07 -0.10 -2.47 N | -14.40 0.31 -5.87 N | 18.94 -0.23 -1.47 N | 22.27 -0.17 -0.82 N | 19.26 -0.14 -1.72 N | 19.59 -0.12 -0.22 N | 24.90 -0.15 -0.22 N | 27.70 -0.18 0.00 N | 27.51 -0.23 0.00 N | 26.84 -0.22 0.00 N | 26.76 -0.23 0.00 N | 27.59 -0.24 0.00 N | 27.26 -0.16 0.00 N | 28.17 0.11 0.00 N | 34.16 0.05 -0.24 N | 44.88 -0.06 -0.01 N | 32.04 0.02 0.00 N | 25.62 0.03 0.00 N | 21.48 -0.02 0.00 N | 14.46 0.01 0.00 N | 11.61 0.01 0.00 N |
| FITZPATRICK___ 23598 | 21.35 -0.79 -0.04 N | 16.38 -0.59 -0.31 N | 19.81 -0.75 -0.05 N | 7.58 -0.25 -1.12 N | -17.15 0.76 -2.67 N | 17.72 -0.64 -0.67 N | 21.26 -0.74 -0.37 N | 17.84 -0.62 -0.78 N | 18.41 -0.62 -0.56 N | 24.11 -0.81 -0.10 N | 26.96 -0.92 0.00 N | 26.79 -0.95 0.00 N | 26.12 -0.94 0.00 N | 26.06 -0.93 0.00 N | 26.86 -0.97 0.00 N | 26.52 -0.91 0.00 N | 27.30 -0.77 0.00 N | 33.01 -1.01 -0.14 N | 43.53 -1.41 -0.01 N | 31.07 -0.96 0.00 N | 24.85 -0.74 0.00 N | 20.87 -0.64 0.00 N | 14.05 -0.39 0.00 N | 11.29 -0.31 0.00 N |
| FORT ORANGE___ 23900 | 25.13 1.48 -1.55 N | 28.66 1.15 -10.84 N | 23.87 1.42 -1.94 N | 46.59 0.47 -39.42 N | 71.70 -1.37 -93.66 N | 42.29 1.21 -23.38 N | 36.13 1.47 -13.03 N | 46.18 1.05 -27.45 N | 39.33 1.14 -19.72 N | 29.89 1.56 -3.51 N | 29.57 1.68 0.00 N | 29.41 1.67 0.00 N | 28.68 1.62 0.00 N | 28.62 1.62 0.00 N | 29.56 1.73 0.00 N | 29.13 1.71 0.00 N | 29.72 1.65 0.00 N | 39.02 2.11 -3.03 N | 47.84 2.75 -0.16 N | 33.89 1.86 0.00 N | 26.98 1.39 0.00 N | 22.67 1.17 0.00 N | 15.19 0.75 0.00 N | 12.26 0.66 0.00 N |
| FORT_DRUM_COGEN 23780 | 22.75 0.62 -0.03 N | 17.27 0.39 -0.21 N | 20.99 0.44 -0.04 N | 7.61 0.14 -0.76 N | -19.02 -0.45 -2.02 N | 20.66 0.46 -2.50 N | 24.78 0.69 -2.46 N | 20.72 0.62 -2.42 N | 21.67 0.56 -2.63 N | 28.14 0.75 -2.26 N | 31.48 0.97 -1.02 N | 30.96 1.02 -2.20 N | 28.47 0.98 -0.43 N | 29.30 1.00 -1.30 N | 31.01 0.88 -2.30 N | 30.70 0.83 -2.44 N | 31.38 0.85 -2.46 N | 37.72 1.05 -2.79 N | 46.81 1.42 -0.46 N | 33.10 1.07 0.00 N | 26.38 0.80 0.00 N | 22.09 0.58 0.00 N | 14.75 0.31 0.00 N | 13.80 0.17 -2.03 N |
| FPL_FAR_ROCK_GT1 24212 | 129.60 2.85 -104.65 N | 27.36 1.92 -8.77 N | 24.31 2.23 -1.57 N | 39.32 0.73 -31.88 N | 53.10 -2.08 -75.76 N | 38.72 2.10 -18.92 N | 35.18 3.01 -10.54 N | 42.12 2.28 -22.17 N | 36.85 2.46 -15.93 N | 31.67 3.15 -3.69 N | 32.93 3.90 -1.15 N | 33.67 3.95 -1.98 N | 39.04 3.85 -8.12 N | 56.76 3.85 -25.91 N | 31.79 3.96 0.00 N | 31.27 3.84 0.00 N | 31.81 3.74 0.00 N | 40.83 4.52 -2.43 N | 51.09 6.04 -0.13 N | 36.30 4.27 0.00 N | 30.63 3.46 -1.58 N | 24.27 2.76 0.00 N | 16.35 1.91 0.00 N | 13.09 1.50 0.00 N |
| FPL_FAR_ROCK_GT2 23815 | 129.60 2.85 -104.65 N | 27.36 1.92 -8.77 N | 24.31 2.23 -1.57 N | 39.32 0.73 -31.88 N | 53.10 -2.08 -75.76 N | 38.72 2.10 -18.92 N | 35.18 3.01 -10.54 N | 42.12 2.28 -22.17 N | 36.85 2.46 -15.93 N | 31.67 3.15 -3.69 N | 32.93 3.90 -1.15 N | 33.67 3.95 -1.98 N | 39.04 3.85 -8.12 N | 56.76 3.85 -25.91 N | 31.79 3.96 0.00 N | 31.27 3.84 0.00 N | 31.81 3.74 0.00 N | 40.83 4.52 -2.43 N | 51.09 6.04 -0.13 N | 36.30 4.27 0.00 N | 30.63 3.46 -1.58 N | 24.27 2.76 0.00 N | 16.35 1.91 0.00 N | 13.09 1.50 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 |
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| FRANKLIN_FALL_HYD 24054 | 21.48 -0.62 0.00 N | 16.10 -0.57 0.00 N | 19.91 -0.60 0.00 N | 6.49 -0.22 0.00 N | -16.83 0.60 -3.16 N | 48.94 -0.63 -31.87 N | 54.92 -1.03 -34.32 N | 46.09 -0.79 -29.21 N | 49.53 -1.11 -32.17 N | 59.54 -1.58 -36.30 N | 64.60 -1.68 -38.39 N | 58.40 -1.49 -32.15 N | 31.98 -1.40 -6.31 N | 44.50 -1.46 -15.53 N | 61.45 -1.53 -35.14 N | 63.74 -1.66 -37.97 N | 64.50 -1.90 -38.33 N | 73.74 -2.26 -42.13 N | 50.09 -1.89 -7.05 N | 30.95 -1.08 0.00 N | 24.80 -0.79 0.00 N | 21.11 -0.40 0.00 N | 13.97 -0.47 0.00 N | 42.70 -0.53 -31.63 N | |
| FREEPORT_EQUS_GT1 23764 | 129.27 2.53 -104.65 N | 27.12 1.68 -8.77 N | 24.00 1.92 -1.57 N | 39.22 0.63 -31.88 N | 53.43 -1.75 -75.76 N | 38.41 1.80 -18.92 N | 34.78 2.61 -10.54 N | 41.95 2.10 -22.17 N | 36.64 2.25 -15.93 N | 31.37 2.85 -3.69 N | 32.47 3.43 -1.15 N | 33.20 3.48 -1.98 N | 38.60 3.42 -8.12 N | 56.34 3.42 -25.91 N | 31.32 3.49 0.00 N | 30.80 3.38 0.00 N | 31.29 3.22 0.00 N | 40.22 3.92 -2.43 N | 50.42 5.37 -0.13 N | 35.86 3.82 0.00 N | 30.35 3.18 -1.58 N | 24.13 2.62 0.00 N | 16.08 1.64 0.00 N | 12.90 1.30 0.00 N | |
| FREEPORT___CT2 23818 | 129.27 2.53 -104.65 N | 27.12 1.68 -8.77 N | 24.00 1.92 -1.57 N | 39.22 0.63 -31.88 N | 53.43 -1.75 -75.76 N | 38.41 1.80 -18.92 N | 34.78 2.61 -10.54 N | 41.95 2.10 -22.17 N | 36.64 2.25 -15.93 N | 31.37 2.85 -3.69 N | 32.47 3.43 -1.15 N | 33.20 3.48 -1.98 N | 38.60 3.42 -8.12 N | 56.34 3.42 -25.91 N | 31.32 3.49 0.00 N | 30.80 3.38 0.00 N | 31.29 3.22 0.00 N | 40.22 3.92 -2.43 N | 50.42 5.37 -0.13 N | 35.86 3.82 0.00 N | 30.35 3.18 -1.58 N | 24.13 2.62 0.00 N | 16.08 1.64 0.00 N | 12.90 1.30 0.00 N | |
| FULTON COGEN____ 23766 | 22.19 0.02 -0.07 N | 17.18 -0.01 -0.51 N | 20.55 -0.05 -0.09 N | 8.56 -0.02 -1.87 N | -16.13 0.01 -4.45 N | 18.88 0.08 -1.11 N | 22.53 0.28 -0.62 N | 19.21 0.23 -1.30 N | 19.65 0.24 -0.94 N | 25.35 0.36 -0.17 N | 28.21 0.33 0.00 N | 28.00 0.26 0.00 N | 27.27 0.21 0.00 N | 27.25 0.26 0.00 N | 28.07 0.24 0.00 N | 27.68 0.26 0.00 N | 28.70 0.64 0.00 N | 34.84 0.77 -0.20 N | 45.70 0.76 -0.01 N | 32.67 0.64 0.00 N | 26.01 0.43 0.00 N | 21.77 0.27 0.00 N | 14.66 0.22 0.00 N | 11.76 0.16 0.00 N | |
| FULTON___LFGE 323630 | 26.45 2.46 -1.90 N | 31.73 1.83 -13.24 N | 25.07 2.19 -2.37 N | 55.57 0.71 -48.15 N | 91.53 -2.28 -114.40 N | 48.38 2.12 -28.56 N | 40.51 2.96 -15.92 N | 53.84 2.64 -33.52 N | 45.30 2.75 -24.09 N | 32.68 3.57 -4.28 N | 31.63 3.75 0.00 N | 31.45 3.71 0.00 N | 30.80 3.74 0.00 N | 30.65 3.66 0.00 N | 31.53 3.71 0.00 N | 31.10 3.68 0.00 N | 32.08 4.01 0.00 N | 42.85 5.27 -3.70 N | 51.59 6.47 -0.19 N | 36.68 4.65 0.00 N | 29.22 3.64 0.00 N | 24.36 2.85 0.00 N | 16.18 1.74 0.00 N | 12.83 1.23 0.00 N | |
| G.F.CEMENT___DRP 24184 | 25.91 2.19 -1.63 N | 29.64 1.63 -11.34 N | 24.52 1.98 -2.03 N | 48.62 0.67 -41.24 N | 75.44 -1.97 -97.99 N | 43.96 1.79 -24.47 N | 37.54 2.27 -13.63 N | 48.40 2.01 -28.72 N | 41.22 2.12 -20.63 N | 31.09 2.60 -3.67 N | 30.60 2.72 0.00 N | 30.11 2.37 0.00 N | 29.23 2.17 0.00 N | 29.12 2.13 0.00 N | 30.13 2.30 0.00 N | 29.72 2.30 0.00 N | 30.47 2.40 0.00 N | 40.30 3.24 -3.18 N | 49.34 4.24 -0.16 N | 34.84 2.81 0.00 N | 27.49 1.91 0.00 N | 22.99 1.48 0.00 N | 15.27 0.83 0.00 N | 12.22 0.62 0.00 N | |
| GARDENVILLE___LBMP 24039 | 22.10 -0.24 -0.24 N | 18.05 -0.31 -1.70 N | 20.30 -0.51 -0.30 N | 12.73 -0.16 -6.19 N | -5.21 0.68 -14.70 N | 20.86 -0.51 -3.67 N | 23.18 -0.49 -2.04 N | 21.18 -0.80 -4.31 N | 20.89 -0.69 -3.12 N | 24.39 -0.99 -0.55 N | 26.65 -1.24 0.00 N | 26.46 -1.28 0.00 N | 26.01 -1.05 0.00 N | 25.96 -1.03 0.00 N | 26.84 -0.99 0.00 N | 26.44 -0.98 0.00 N | 26.68 -1.38 0.00 N | 32.17 -2.11 -0.40 N | 42.02 -2.93 -0.02 N | 30.20 -1.83 0.00 N | 24.37 -1.22 0.00 N | 20.62 -0.88 0.00 N | 14.24 -0.20 0.00 N | 11.59 -0.01 0.00 N | |
| GENERAL___MILLS 23808 | 22.17 -0.17 -0.24 N | 18.10 -0.27 -1.70 N | 20.35 -0.46 -0.30 N | 12.76 -0.14 -6.19 N | -5.23 0.64 -14.72 N | 20.90 -0.47 -3.67 N | 23.24 -0.44 -2.05 N | 21.23 -0.76 -4.31 N | 20.95 -0.64 -3.13 N | 24.46 -0.92 -0.56 N | 26.73 -1.16 0.00 N | 26.54 -1.21 0.00 N | 26.10 -0.97 0.00 N | 26.04 -0.95 0.00 N | 26.92 -0.90 0.00 N | 26.52 -0.90 0.00 N | 26.76 -1.30 0.00 N | 32.27 -2.01 -0.40 N | 42.15 -2.81 -0.02 N | 30.30 -1.73 0.00 N | 24.45 -1.13 0.00 N | 20.69 -0.81 0.00 N | 14.29 -0.15 0.00 N | 11.62 0.03 0.00 N | |
| GE_PLASTICS___DRP 24183 | 24.78 1.12 -1.57 N | 28.54 0.94 -10.94 N | 23.68 1.22 -1.96 N | 46.87 0.40 -39.76 N | 72.70 -1.18 -94.47 N | 42.30 1.01 -23.59 N | 36.01 1.23 -13.14 N | 46.29 0.87 -27.74 N | 39.29 0.89 -19.93 N | 29.54 1.17 -3.55 N | 29.17 1.29 0.00 N | 29.01 1.27 0.00 N | 28.29 1.23 0.00 N | 28.23 1.23 0.00 N | 29.15 1.32 0.00 N | 28.73 1.31 0.00 N | 29.29 1.23 0.00 N | 38.51 1.57 -3.06 N | 47.13 2.05 -0.16 N | 33.40 1.37 0.00 N | 26.61 1.03 0.00 N | 22.34 0.83 0.00 N | 14.97 0.53 0.00 N | 12.10 0.50 0.00 N | |
| GILBOA___1 23756 | 24.61 1.28 -1.24 N | 26.36 1.07 -8.62 N | 23.32 1.27 -1.55 N | 38.46 0.42 -31.34 N | 52.61 -1.26 -74.46 N | 37.26 0.97 -18.59 N | 33.27 1.28 -10.36 N | 40.53 1.06 -21.80 N | 35.30 1.17 -15.67 N | 29.19 1.58 -2.79 N | 29.64 1.76 0.00 N | 29.47 1.74 0.00 N | 28.75 1.69 0.00 N | 28.70 1.70 0.00 N | 29.62 1.79 0.00 N | 29.19 1.76 0.00 N | 29.71 1.65 0.00 N | 38.28 2.04 -2.37 N | 47.72 2.66 -0.12 N | 33.88 1.85 0.00 N | 27.01 1.42 0.00 N | 22.64 1.14 0.00 N | 15.16 0.72 0.00 N | 12.22 0.62 0.00 N | |
| GILBOA___2 23757 | 24.61 1.28 -1.24 N | 26.36 1.07 -8.62 N | 23.32 1.27 -1.55 N | 38.46 0.42 -31.34 N | 52.61 -1.26 -74.46 N | 37.26 0.97 -18.59 N | 33.27 1.28 -10.36 N | 40.53 1.06 -21.80 N | 35.30 1.17 -15.67 N | 29.19 1.58 -2.79 N | 29.64 1.76 0.00 N | 29.47 1.74 0.00 N | 28.75 1.69 0.00 N | 28.70 1.70 0.00 N | 29.62 1.79 0.00 N | 29.19 1.76 0.00 N | 29.71 1.65 0.00 N | 38.28 2.04 -2.37 N | 47.72 2.66 -0.12 N | 33.88 1.85 0.00 N | 27.01 1.42 0.00 N | 22.64 1.14 0.00 N | 15.16 0.72 0.00 N | 12.22 0.62 0.00 N | |
| GILBOA___3 23758 | 24.61 1.28 -1.24 N | 26.36 1.07 -8.62 N | 23.32 1.27 -1.55 N | 38.46 0.42 -31.34 N | 52.61 -1.26 -74.46 N | 37.26 0.97 -18.59 N | 33.27 1.28 -10.36 N | 40.53 1.06 -21.80 N | 35.30 1.17 -15.67 N | 29.19 1.58 -2.79 N | 29.64 1.76 0.00 N | 29.47 1.74 0.00 N | 28.75 1.69 0.00 N | 28.70 1.70 0.00 N | 29.62 1.79 0.00 N | 29.19 1.76 0.00 N | 29.71 1.65 0.00 N | 38.28 2.04 -2.37 N | 47.72 2.66 -0.12 N | 33.88 1.85 0.00 N | 27.01 1.42 0.00 N | 22.64 1.14 0.00 N | 15.16 0.72 0.00 N | 12.22 0.62 0.00 N | |
| GILBOA___4 23759 | 24.61 1.28 -1.24 N | 26.36 1.07 -8.62 N | 23.32 1.27 -1.55 N | 38.46 0.42 -31.34 N | 52.61 -1.26 -74.46 N | 37.26 0.97 -18.59 N | 33.27 1.28 -10.36 N | 40.53 1.06 -21.80 N | 35.30 1.17 -15.67 N | 29.19 1.58 -2.79 N | 29.64 1.76 0.00 N | 29.47 1.74 0.00 N | 28.75 1.69 0.00 N | 28.70 1.70 0.00 N | 29.62 1.79 0.00 N | 29.19 1.76 0.00 N | 29.71 1.65 0.00 N | 38.28 2.04 -2.37 N | 47.72 2.66 -0.12 N | 33.88 1.85 0.00 N | 27.01 1.42 0.00 N | 22.64 1.14 0.00 N | 15.16 0.72 0.00 N | 12.22 0.62 0.00 N | |
| GILBOA_____ | 24.61 | 26.36 | 23.32 | 38.46 | 52.61 | 37.26 | 33.27 | 40.53 | 35.30 | 29.19 | 29.64 | 29.47 | 28.75 | 28.70 | 29.62 | 29.19 | 29.71 | 38.28 | 47.72 | 33.88 | 27.01 | 22.64 | 15.16 | 12.22 | |

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|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 23599 | 1.28 -1.24 N | 1.07 -8.62 N | 1.27 -1.55 N | 0.42 -31.34 N | -1.26 -74.46 N | 0.97 -18.59 N | 1.28 -10.36 N | 1.06 -21.80 N | 1.17 -15.67 N | 1.58 -2.79 N | 1.76 0.00 N | 1.74 0.00 N | 1.69 0.00 N | 1.70 0.00 N | 1.79 0.00 N | 1.76 0.00 N | 1.65 0.00 N | 2.04 -2.37 N | 2.66 -0.12 N | 1.85 0.00 N | 1.42 0.00 N | 1.14 0.00 N | 0.72 0.00 N | 0.62 0.00 N |
| GINNA____ 23603 | 21.04 -1.20 -0.15 N | 16.76 -0.95 -1.04 N | 19.46 -1.23 -0.19 N | 10.12 -0.39 -3.80 N | -10.21 1.35 -9.03 N | 18.89 -1.06 -2.26 N | 21.77 -1.11 -1.26 N | 19.28 -1.04 -2.65 N | 19.30 -1.06 -1.90 N | 23.73 -1.43 -0.34 N | 26.23 -1.65 0.00 N | 26.05 -1.70 0.00 N | 25.46 -1.60 0.00 N | 25.39 -1.60 0.00 N | 26.20 -1.62 0.00 N | 25.90 -1.52 0.00 N | 26.52 -1.55 0.00 N | 32.03 -2.13 -0.28 N | 41.96 -2.98 -0.02 N | 30.07 -1.96 0.00 N | 24.17 -1.41 0.00 N | 20.30 -1.20 0.00 N | 13.77 -0.67 0.00 N | 11.08 -0.51 0.00 N |
| GLEN PARK____ 23778 | 22.83 0.70 -0.03 N | 17.34 0.45 -0.22 N | 21.05 0.51 -0.04 N | 7.68 0.16 -0.82 N | -18.97 -0.52 -2.14 N | 20.65 0.52 -2.43 N | 24.79 0.80 -2.36 N | 20.77 0.72 -2.37 N | 21.69 0.67 -2.55 N | 28.16 0.90 -2.44 N | 31.50 1.12 -2.49 N | 30.99 1.17 -2.08 N | 28.60 1.13 -0.41 N | 29.38 1.16 -1.23 N | 31.05 1.04 -2.18 N | 30.73 0.99 -2.32 N | 31.43 1.03 -2.34 N | 37.81 1.27 -2.66 N | 47.07 1.71 -0.43 N | 33.31 1.28 0.00 N | 26.55 0.96 0.00 N | 22.21 0.70 0.00 N | 14.81 0.37 0.00 N | 13.73 0.21 -1.93 N |
| GLENWOOD_IC_1_G5 23712 | 129.09 2.34 -104.65 N | 26.99 1.56 -8.77 N | 23.86 1.78 -1.57 N | 39.18 0.59 -31.88 N | 53.49 -1.69 -75.76 N | 38.34 1.72 -18.92 N | 34.66 2.49 -10.54 N | 41.98 2.14 -22.17 N | 36.73 2.34 -15.93 N | 31.61 3.10 -3.69 N | 32.73 3.70 -1.15 N | 33.43 3.72 -1.98 N | 38.81 3.63 -8.12 N | 56.56 3.65 -25.91 N | 31.56 3.73 0.00 N | 31.04 3.61 0.00 N | 31.62 3.55 0.00 N | 40.61 4.31 -2.43 N | 50.77 5.72 -0.13 N | 35.96 3.93 0.00 N | 30.42 3.25 -1.58 N | 24.08 2.57 0.00 N | 16.04 1.60 0.00 N | 12.83 1.24 0.00 N |
| GLENWOOD_IC_2_G1 23688 | 129.01 2.26 -104.65 N | 26.94 1.50 -8.77 N | 23.79 1.72 -1.57 N | 39.16 0.57 -31.88 N | 53.53 -1.65 -75.76 N | 38.28 1.66 -18.92 N | 34.57 2.40 -10.54 N | 41.91 2.07 -22.17 N | 36.65 2.26 -15.93 N | 31.51 2.99 -3.69 N | 32.58 3.55 -1.15 N | 33.27 3.55 -1.98 N | 38.65 3.47 -8.12 N | 56.40 3.49 -25.91 N | 31.41 3.59 0.00 N | 30.93 3.51 0.00 N | 31.48 3.41 0.00 N | 40.44 4.13 -2.43 N | 50.53 5.48 -0.13 N | 35.88 3.85 0.00 N | 30.28 3.12 -1.58 N | 23.98 2.47 0.00 N | 15.99 1.55 0.00 N | 12.79 1.20 0.00 N |
| GLENWOOD_IC_3_G1 23689 | 129.01 2.26 -104.65 N | 26.94 1.50 -8.77 N | 23.79 1.72 -1.57 N | 39.16 0.57 -31.88 N | 53.53 -1.65 -75.76 N | 38.28 1.66 -18.92 N | 34.57 2.40 -10.54 N | 41.91 2.07 -22.17 N | 36.65 2.26 -15.93 N | 31.51 2.99 -3.69 N | 32.58 3.55 -1.15 N | 33.27 3.55 -1.98 N | 38.65 3.47 -8.12 N | 56.40 3.49 -25.91 N | 31.41 3.59 0.00 N | 30.93 3.51 0.00 N | 31.48 3.41 0.00 N | 40.44 4.13 -2.43 N | 50.53 5.48 -0.13 N | 35.88 3.85 0.00 N | 30.28 3.12 -1.58 N | 23.98 2.47 0.00 N | 15.99 1.55 0.00 N | 12.79 1.20 0.00 N |
| GLENWOOD____4 23550 | 129.09 2.34 -104.65 N | 26.99 1.56 -8.77 N | 23.86 1.78 -1.57 N | 39.18 0.59 -31.88 N | 53.49 -1.69 -75.76 N | 38.34 1.72 -18.92 N | 34.66 2.49 -10.54 N | 41.98 2.14 -22.17 N | 36.73 2.34 -15.93 N | 31.61 3.10 -3.69 N | 32.73 3.70 -1.15 N | 33.43 3.72 -1.98 N | 38.81 3.63 -8.12 N | 56.56 3.65 -25.91 N | 31.56 3.73 0.00 N | 31.05 3.63 0.00 N | 31.62 3.55 0.00 N | 40.61 4.31 -2.43 N | 50.78 5.72 -0.13 N | 35.99 3.96 0.00 N | 30.42 3.25 -1.58 N | 24.08 2.57 0.00 N | 16.04 1.60 0.00 N | 12.83 1.24 0.00 N |
| GLENWOOD____5 23614 | 129.09 2.34 -104.65 N | 26.99 1.56 -8.77 N | 23.86 1.78 -1.57 N | 39.18 0.59 -31.88 N | 53.49 -1.69 -75.76 N | 38.34 1.72 -18.92 N | 34.66 2.49 -10.54 N | 41.98 2.14 -22.17 N | 36.73 2.34 -15.93 N | 31.61 3.10 -3.69 N | 32.73 3.70 -1.15 N | 33.43 3.72 -1.98 N | 38.81 3.63 -8.12 N | 56.56 3.65 -25.91 N | 31.56 3.73 0.00 N | 31.05 3.63 0.00 N | 31.62 3.55 0.00 N | 40.61 4.31 -2.43 N | 50.78 5.72 -0.13 N | 35.99 3.96 0.00 N | 30.42 3.25 -1.58 N | 24.08 2.57 0.00 N | 16.04 1.60 0.00 N | 12.83 1.24 0.00 N |
| GLOBAL GREEN_PORT_GT1 23814 | 132.17 5.43 -104.65 N | 29.06 3.62 -8.77 N | 26.31 4.23 -1.57 N | 39.96 1.37 -31.88 N | 51.14 -4.04 -75.76 N | 40.55 3.94 -18.92 N | 37.76 5.59 -10.54 N | 44.36 4.51 -22.17 N | 39.21 4.82 -15.93 N | 34.86 6.34 -3.69 N | 36.55 7.51 -1.15 N | 37.14 7.42 -1.98 N | 42.43 7.24 -8.12 N | 60.20 7.29 -25.91 N | 35.10 7.27 0.00 N | 34.72 7.30 0.00 N | 35.52 7.46 0.00 N | 46.07 9.76 -2.43 N | 58.56 13.51 -0.13 N | 41.13 9.10 0.00 N | 34.42 7.25 -1.58 N | 27.07 5.56 0.00 N | 17.91 3.47 0.00 N | 14.30 2.70 0.00 N |
| GLOBE____DSASP 323697 | 21.54 -0.77 -0.22 N | 17.60 -0.60 -1.54 N | 19.96 -0.83 -0.28 N | 12.07 -0.25 -5.62 N | -6.15 1.10 -13.34 N | 20.10 -0.93 -3.33 N | 22.31 -1.17 -1.86 N | 20.08 -1.51 -3.91 N | 19.84 -1.47 -2.84 N | 23.23 -2.10 -0.51 N | 25.40 -2.48 0.00 N | 25.23 -2.51 0.00 N | 24.80 -2.27 0.00 N | 24.74 -2.25 0.00 N | 25.57 -2.26 0.00 N | 25.22 -2.21 0.00 N | 25.52 -2.54 0.00 N | 30.63 -3.62 -0.37 N | 40.01 -4.94 -0.02 N | 28.85 -3.18 0.00 N | 23.38 -2.20 0.00 N | 19.82 -1.68 0.00 N | 13.85 -0.59 0.00 N | 11.33 -0.27 0.00 N |
| GOETHSLN____LBMP 323567 | 25.42 2.07 -1.26 N | 26.79 1.35 -8.77 N | 23.60 1.52 -1.57 N | 39.10 0.51 -31.88 N | 53.67 -1.50 -75.76 N | 38.14 1.53 -18.91 N | 34.41 2.24 -10.54 N | 41.83 1.99 -22.16 N | 36.63 2.24 -15.93 N | 36.54 3.07 -8.64 N | 34.44 3.50 -3.06 N | 32.50 3.50 -1.26 N | 31.34 3.41 -0.87 N | 31.44 3.41 -1.03 N | 31.32 3.48 0.00 N | 30.87 3.44 0.00 N | 31.45 3.38 0.00 N | 40.35 4.04 -2.42 N | 50.31 5.26 -0.13 N | 35.76 3.73 0.00 N | 28.61 3.03 0.00 N | 23.96 2.45 0.00 N | 15.98 1.54 0.00 N | 12.72 1.13 0.00 N |
| GOODYEAR_LAKE_HYD 323669 | 23.69 1.17 -0.43 N | 20.48 0.85 -2.97 N | 21.99 0.95 -0.53 N | 17.81 0.30 -10.80 N | 4.08 -0.99 -25.65 N | 24.96 0.86 -6.40 N | 26.50 1.30 -3.57 N | 26.37 1.18 -7.51 N | 25.17 1.30 -5.41 N | 27.51 1.73 -0.96 N | 29.77 1.89 0.00 N | 29.60 1.86 0.00 N | 28.93 1.87 0.00 N | 28.88 1.89 0.00 N | 29.78 1.95 0.00 N | 29.33 1.90 0.00 N | 29.77 1.70 0.00 N | 36.66 2.09 -0.69 N | 47.60 2.64 -0.04 N | 33.92 1.88 0.00 N | 27.09 1.50 0.00 N | 22.68 1.18 0.00 N | 15.18 0.74 0.00 N | 12.16 0.56 0.00 N |
| GOUDEY____7 23579 | 23.72 1.08 -0.55 N | 21.17 0.70 -3.81 N | 21.95 0.76 -0.68 N | 20.76 0.23 -13.83 N | 11.46 -0.81 -32.85 N | 26.62 0.72 -8.20 N | 27.36 1.16 -4.57 N | 28.18 0.89 -9.62 N | 26.46 1.08 -6.92 N | 27.51 1.46 -1.23 N | 29.46 1.57 0.00 N | 29.29 1.55 0.00 N | 28.63 1.57 0.00 N | 28.60 1.60 0.00 N | 29.55 1.72 0.00 N | 29.00 1.58 0.00 N | 28.89 0.82 0.00 N | 35.54 0.88 -0.78 N | 46.11 1.14 -0.04 N | 32.88 0.85 0.00 N | 26.26 0.67 0.00 N | 22.04 0.54 0.00 N | 14.83 0.39 0.00 N | 11.95 0.35 0.00 N |
| GOUDEY____8 23580 | 23.70 1.06 -0.55 N | 21.17 0.70 -3.81 N | 21.95 0.76 -0.68 N | 20.76 0.23 -13.83 N | 11.46 -0.81 -32.85 N | 26.62 0.72 -8.20 N | 27.36 1.16 -4.57 N | 28.18 0.89 -9.62 N | 26.46 1.08 -6.92 N | 27.51 1.46 -1.23 N | 29.46 1.57 0.00 N | 29.29 1.55 0.00 N | 28.63 1.57 0.00 N | 28.60 1.60 0.00 N | 29.55 1.72 0.00 N | 29.00 1.58 0.00 N | 28.89 0.82 0.00 N | 35.55 0.89 -0.78 N | 46.07 1.10 -0.04 N | 32.85 0.82 0.00 N | 26.23 0.65 0.00 N | 22.02 0.52 0.00 N | 14.82 0.38 0.00 N | 11.94 0.34 0.00 N |

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|------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|
| GOWANUS_GT1_1 24077 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT1_2 24078 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT1_3 24079 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT1_4 24080 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT1_5 24084 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT1_6 24111 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT1_7 24112 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT1_8 24113 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT2_1 24114 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT2_2 24115 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT2_3 24116 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT2_4 24117 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT2_5 24118 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT2_6 24119 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 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 | N | N |
|---------------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|---|---|
| GOWANUS_GT2_7 | 25.65 | 26.94 | 23.80 | 39.17 | 53.49 | 38.32 | 34.61 | 42.02 | 36.84 | 36.77 | 34.70 | 32.75 | 31.54 | 31.63 | 31.49 | 31.03 | 31.63 | 40.59 | 50.62 | 36.04 | 28.83 | 24.15 | 16.12 | 12.82 | | | |
| 24120 | 2.29 | 1.51 | 1.72 | 0.58 | -1.69 | 1.71 | 2.44 | 2.18 | 2.44 | 3.31 | 3.75 | 3.75 | 3.60 | 3.61 | 3.66 | 3.60 | 3.56 | 4.29 | 5.56 | 4.00 | 3.24 | 2.64 | 1.67 | 1.23 | | | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.64 | -3.06 | -1.26 | -0.88 | -1.02 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 0.00 | 0.00 | -0.01 | 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 | | | |
| GOWANUS_GT2_8 | 25.65 | 26.94 | 23.80 | 39.17 | 53.49 | 38.32 | 34.61 | 42.02 | 36.84 | 36.77 | 34.70 | 32.75 | 31.54 | 31.63 | 31.49 | 31.03 | 31.63 | 40.59 | 50.62 | 36.04 | 28.83 | 24.15 | 16.12 | 12.82 | | | |
| 24121 | 2.29 | 1.51 | 1.72 | 0.58 | -1.69 | 1.71 | 2.44 | 2.18 | 2.44 | 3.31 | 3.75 | 3.75 | 3.60 | 3.61 | 3.66 | 3.60 | 3.56 | 4.29 | 5.56 | 4.00 | 3.24 | 2.64 | 1.67 | 1.23 | | | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.64 | -3.06 | -1.26 | -0.88 | -1.02 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 0.00 | 0.00 | -0.01 | 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 | | | |
| GOWANUS_GT3_1 | 25.65 | 26.94 | 23.80 | 39.17 | 53.49 | 38.32 | 34.61 | 42.02 | 36.84 | 36.77 | 34.70 | 32.75 | 31.54 | 31.63 | 31.49 | 31.03 | 31.63 | 40.59 | 50.62 | 36.04 | 28.83 | 24.15 | 16.12 | 12.82 | | | |
| 24122 | 2.29 | 1.51 | 1.72 | 0.58 | -1.69 | 1.71 | 2.44 | 2.18 | 2.44 | 3.31 | 3.75 | 3.75 | 3.60 | 3.61 | 3.66 | 3.60 | 3.56 | 4.29 | 5.56 | 4.00 | 3.24 | 2.64 | 1.67 | 1.23 | | | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.64 | -3.06 | -1.26 | -0.88 | -1.02 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 0.00 | 0.00 | -0.01 | 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 | | | |
| GOWANUS_GT3_2 | 25.65 | 26.94 | 23.80 | 39.17 | 53.49 | 38.32 | 34.61 | 42.02 | 36.84 | 36.77 | 34.70 | 32.75 | 31.54 | 31.63 | 31.49 | 31.03 | 31.63 | 40.59 | 50.62 | 36.04 | 28.83 | 24.15 | 16.12 | 12.82 | | | |
| 24123 | 2.29 | 1.51 | 1.72 | 0.58 | -1.69 | 1.71 | 2.44 | 2.18 | 2.44 | 3.31 | 3.75 | 3.75 | 3.60 | 3.61 | 3.66 | 3.60 | 3.56 | 4.29 | 5.56 | 4.00 | 3.24 | 2.64 | 1.67 | 1.23 | | | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.64 | -3.06 | -1.26 | -0.88 | -1.02 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 0.00 | 0.00 | -0.01 | 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 | | | |
| GOWANUS_GT3_3 | 25.65 | 26.94 | 23.80 | 39.17 | 53.49 | 38.32 | 34.61 | 42.02 | 36.84 | 36.77 | 34.70 | 32.75 | 31.54 | 31.63 | 31.49 | 31.03 | 31.63 | 40.59 | 50.62 | 36.04 | 28.83 | 24.15 | 16.12 | 12.82 | | | |
| 24124 | 2.29 | 1.51 | 1.72 | 0.58 | -1.69 | 1.71 | 2.44 | 2.18 | 2.44 | 3.31 | 3.75 | 3.75 | 3.60 | 3.61 | 3.66 | 3.60 | 3.56 | 4.29 | 5.56 | 4.00 | 3.24 | 2.64 | 1.67 | 1.23 | | | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.64 | -3.06 | -1.26 | -0.88 | -1.02 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 0.00 | 0.00 | -0.01 | 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 | | | |
| GOWANUS_GT3_4 | 25.65 | 26.94 | 23.80 | 39.17 | 53.49 | 38.32 | 34.61 | 42.02 | 36.84 | 36.77 | 34.70 | 32.75 | 31.54 | 31.63 | 31.49 | 31.03 | 31.63 | 40.59 | 50.62 | 36.04 | 28.83 | 24.15 | 16.12 | 12.82 | | | |
| 24125 | 2.29 | 1.51 | 1.72 | 0.58 | -1.69 | 1.71 | 2.44 | 2.18 | 2.44 | 3.31 | 3.75 | 3.75 | 3.60 | 3.61 | 3.66 | 3.60 | 3.56 | 4.29 | 5.56 | 4.00 | 3.24 | 2.64 | 1.67 | 1.23 | | | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.64 | -3.06 | -1.26 | -0.88 | -1.02 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 0.00 | 0.00 | -0.01 | 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 | | | |
| GOWANUS_GT3_5 | 25.65 | 26.94 | 23.80 | 39.17 | 53.49 | 38.32 | 34.61 | 42.02 | 36.84 | 36.77 | 34.70 | 32.75 | 31.54 | 31.63 | 31.49 | 31.03 | 31.63 | 40.59 | 50.62 | 36.04 | 28.83 | 24.15 | 16.12 | 12.82 | | | |
| 24126 | 2.29 | 1.51 | 1.72 | 0.58 | -1.69 | 1.71 | 2.44 | 2.18 | 2.44 | 3.31 | 3.75 | 3.75 | 3.60 | 3.61 | 3.66 | 3.60 | 3.56 | 4.29 | 5.56 | 4.00 | 3.24 | 2.64 | 1.67 | 1.23 | | | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.64 | -3.06 | -1.26 | -0.88 | -1.02 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 0.00 | 0.00 | -0.01 | 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 | | | |
| GOWANUS_GT3_6 | 25.65 | 26.94 | 23.80 | 39.17 | 53.49 | 38.32 | 34.61 | 42.02 | 36.84 | 36.77 | 34.70 | 32.75 | 31.54 | 31.63 | 31.49 | 31.03 | 31.63 | 40.59 | 50.62 | 36.04 | 28.83 | 24.15 | 16.12 | 12.82 | | | |
| 24127 | 2.29 | 1.51 | 1.72 | 0.58 | -1.69 | 1.71 | 2.44 | 2.18 | 2.44 | 3.31 | 3.75 | 3.75 | 3.60 | 3.61 | 3.66 | 3.60 | 3.56 | 4.29 | 5.56 | 4.00 | 3.24 | 2.64 | 1.67 | 1.23 | | | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.64 | -3.06 | -1.26 | -0.88 | -1.02 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 0.00 | 0.00 | -0.01 | 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 | | | |
| GOWANUS_GT3_7 | 25.65 | 26.94 | 23.80 | 39.17 | 53.49 | 38.32 | 34.61 | 42.02 | 36.84 | 36.77 | 34.70 | 32.75 | 31.54 | 31.63 | 31.49 | 31.03 | 31.63 | 40.59 | 50.62 | 36.04 | 28.83 | 24.15 | 16.12 | 12.82 | | | |
| 24128 | 2.29 | 1.51 | 1.72 | 0.58 | -1.69 | 1.71 | 2.44 | 2.18 | 2.44 | 3.31 | 3.75 | 3.75 | 3.60 | 3.61 | 3.66 | 3.60 | 3.56 | 4.29 | 5.56 | 4.00 | 3.24 | 2.64 | 1.67 | 1.23 | | | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.64 | -3.06 | -1.26 | -0.88 | -1.02 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 0.00 | 0.00 | -0.01 | 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 | | | |
| GOWANUS_GT3_8 | 25.65 | 26.94 | 23.80 | 39.17 | 53.49 | 38.32 | 34.61 | 42.02 | 36.84 | 36.77 | 34.70 | 32.75 | 31.54 | 31.63 | 31.49 | 31.03 | 31.63 | 40.59 | 50.62 | 36.04 | 28.83 | 24.15 | 16.12 | 12.82 | | | |
| 24129 | 2.29 | 1.51 | 1.72 | 0.58 | -1.69 | 1.71 | 2.44 | 2.18 | 2.44 | 3.31 | 3.75 | 3.75 | 3.60 | 3.61 | 3.66 | 3.60 | 3.56 | 4.29 | 5.56 | 4.00 | 3.24 | 2.64 | 1.67 | 1.23 | | | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.64 | -3.06 | -1.26 | -0.88 | -1.02 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 0.00 | 0.00 | -0.01 | 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 | | | |
| GOWANUS_GT4_1 | 25.65 | 26.94 | 23.80 | 39.17 | 53.49 | 38.32 | 34.61 | 42.02 | 36.84 | 36.77 | 34.70 | 32.75 | 31.54 | 31.63 | 31.49 | 31.03 | 31.63 | 40.59 | 50.62 | 36.04 | 28.83 | 24.15 | 16.12 | 12.82 | | | |
| 24130 | 2.29 | 1.51 | 1.72 | 0.58 | -1.69 | 1.71 | 2.44 | 2.18 | 2.44 | 3.31 | 3.75 | 3.75 | 3.60 | 3.61 | 3.66 | 3.60 | 3.56 | 4.29 | 5.56 | 4.00 | 3.24 | 2.64 | 1.67 | 1.23 | | | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.64 | -3.06 | -1.26 | -0.88 | -1.02 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 0.00 | 0.00 | -0.01 | 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 | | | |
| GOWANUS_GT4_2 | 25.65 | 26.94 | 23.80 | 39.17 | 53.49 | 38.32 | 34.61 | 42.02 | 36.84 | 36.77 | 34.70 | 32.75 | 31.54 | 31.63 | 31.49 | 31.03 | 31.63 | 40.59 | 50.62 | 36.04 | 28.83 | 24.15 | 16.12 | 12.82 | | | |
| 24131 | 2.29 | 1.51 | 1.72 | 0.58 | -1.69 | 1.71 | 2.44 | 2.18 | 2.44 | 3.31 | 3.75 | 3.75 | 3.60 | 3.61 | 3.66 | 3.60 | 3.56 | 4.29 | 5.56 | 4.00 | 3.24 | 2.64 | 1.67 | 1.23 | | | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.64 | -3.06 | -1.26 | -0.88 | -1.02 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 0.00 | 0.00 | -0.01 | 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 | | | |
| GOWANUS_GT4_3 | 25.65 | 26.94 | 23.80 | 39.17 | 53.49 | 38.32 | 34.61 | 42.02 | 36.84 | 36.77 | 34.70 | 32.75 | 31.54 | 31.63 | 31.49 | 31.03 | 31.63 | 40.59 | 50.62 | 36.04 | 28.83 | 24.15 | 16.12 | 12.82 | | | |
| 24132 | 2.29 | 1.51 | 1.72 | 0.58 | -1.69 | 1.71 | 2.44 | 2.18 | 2.44 | 3.31 | 3.75 | 3.75 | 3.60 | 3.61 | 3.66 | 3.60 | 3.56 | 4.29 | 5.56 | 4.00 | 3.24 | 2.64 | 1.67 | 1.23 | | | |
| | -1.26 | -8.77 | -1.57 | -31.88 | -75.76 | -18.91 | -10.54 | -22.16 | -15.93 | -8.64 | -3.06 | -1.26 | -0.88 | -1.02 | 0.00 | 0.00 | 0.00 | -2.42 | -0.13 | 0.00 | 0.00 | -0.01 | 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 | | | |
| GOWANUS_GT4_4 | 25.65 | 26.94 | 23.80 | 39.17 | 53.49 | 38.32 | 34.61 | 42.02 | 36.84 | 36.77 | 34.70 | 32.75 | 31.54 | 31.63 | 31.49 | 31.03 | 31.63 | 40.59 | 50.62 | 36.04 | 28.83 | 24.15 | 16.12 | 12.82 | | | |

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|---------------------------------|--------------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| 24133 | 2.29 -1.26 N | 1.51 -8.77 N | 1.72 -1.57 N | 0.58 -31.88 N | -1.69 -75.76 N | 1.71 -18.91 N | 2.44 -10.54 N | 2.18 -22.16 N | 2.44 -15.93 N | 3.31 -8.64 N | 3.75 -3.06 N | 3.75 -1.26 N | 3.60 -0.88 N | 3.61 -1.02 N | 3.66 0.00 N | 3.60 0.00 N | 3.56 0.00 N | 4.29 -2.42 N | 5.56 -0.13 N | 4.00 0.00 N | 3.24 0.00 N | 2.64 -0.01 N | 1.67 0.00 N | 1.23 0.00 N |
| GOWANUS_GT4_5 24134 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT4_6 24135 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT4_7 24136 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GOWANUS_GT4_8 24137 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| GREENIDGE___3 23582 | 22.92 0.52 -0.31 N | 19.09 0.27 -2.15 N | 21.11 0.22 -0.39 N | 14.58 0.05 -7.83 N | -2.19 -0.20 -18.60 N | 22.62 0.28 -4.64 N | 24.88 0.66 -2.59 N | 23.57 0.44 -5.45 N | 22.98 0.60 -3.92 N | 26.31 0.80 -0.70 N | 28.71 0.83 0.00 N | 28.55 0.81 0.00 N | 27.94 0.88 0.00 N | 27.92 0.92 0.00 N | 28.80 0.97 0.00 N | 28.32 0.90 0.00 N | 28.57 0.50 0.00 N | 34.70 0.36 -0.46 N | 45.25 0.29 -0.02 N | 32.38 0.35 0.00 N | 25.91 0.32 0.00 N | 21.75 0.25 0.00 N | 14.70 0.26 0.00 N | 11.84 0.24 0.00 N |
| GREENIDGE___4 23583 | 22.92 0.52 -0.31 N | 19.09 0.27 -2.15 N | 21.11 0.22 -0.39 N | 14.58 0.05 -7.83 N | -2.19 -0.20 -18.60 N | 22.62 0.28 -4.64 N | 24.88 0.66 -2.59 N | 23.57 0.44 -5.45 N | 22.98 0.60 -3.92 N | 26.31 0.80 -0.70 N | 28.71 0.83 0.00 N | 28.55 0.81 0.00 N | 27.94 0.88 0.00 N | 27.92 0.92 0.00 N | 28.80 0.97 0.00 N | 28.32 0.90 0.00 N | 28.57 0.50 0.00 N | 34.70 0.36 -0.46 N | 45.25 0.29 -0.02 N | 32.38 0.35 0.00 N | 25.91 0.32 0.00 N | 21.75 0.25 0.00 N | 14.70 0.26 0.00 N | 11.84 0.24 0.00 N |
| GROVEVILLE___HYD 323602 | 25.58 2.19 -1.29 N | 27.17 1.51 -8.99 N | 23.87 1.75 -1.61 N | 39.96 0.58 -32.67 N | 55.31 -1.74 -77.63 N | 38.76 1.68 -19.38 N | 34.80 2.37 -10.80 N | 42.42 2.05 -22.69 N | 37.01 2.24 -16.30 N | 30.78 3.05 -2.91 N | 31.32 3.43 0.00 N | 31.16 3.42 0.00 N | 30.39 3.33 0.00 N | 30.36 3.36 0.00 N | 31.32 3.48 0.00 N | 30.85 3.43 0.00 N | 31.44 3.37 0.00 N | 40.55 4.18 -2.48 N | 50.55 5.49 -0.13 N | 35.86 3.83 0.00 N | 28.59 3.01 0.00 N | 23.91 2.40 0.00 N | 15.95 1.51 0.00 N | 12.76 1.16 0.00 N |
| HAMPSHIRE___PAPER_HYD 323593 | 22.06 -0.04 0.00 N | 16.59 -0.08 0.00 N | 20.43 -0.08 0.00 N | 6.68 -0.03 0.00 N | -19.95 0.13 -0.51 N | 22.69 -0.14 -5.13 N | 26.74 -0.42 -5.53 N | 22.08 -0.31 -4.71 N | 23.18 -0.59 -5.30 N | 30.01 -0.80 -6.33 N | 33.62 -0.60 -5.30 N | 32.67 -0.37 -1.04 N | 27.73 -0.38 -3.13 N | 29.74 -0.38 -3.13 N | 32.99 -0.53 -5.70 N | 32.91 -0.64 -6.12 N | 33.27 -0.97 -6.17 N | 39.52 -1.15 -6.79 N | 44.75 -1.31 -1.14 N | 31.14 -0.89 0.00 N | 24.89 -0.69 0.00 N | 21.11 -0.39 0.00 N | 14.17 -0.27 0.00 N | 16.40 -0.29 -5.10 N |
| HARDSCRABBLE_WT_PWR 323673 | 23.19 1.12 0.03 N | 17.31 0.83 0.19 N | 21.41 0.93 0.03 N | 6.31 0.29 0.70 N | -23.23 -0.99 1.65 N | 18.17 0.89 0.41 N | 22.58 1.19 0.23 N | 18.12 0.92 0.48 N | 19.14 1.03 0.36 N | 26.18 1.42 0.06 N | 29.23 1.34 0.00 N | 29.05 1.31 0.00 N | 28.32 1.26 0.00 N | 28.26 1.26 0.00 N | 29.13 1.30 0.00 N | 28.91 1.49 0.00 N | 29.64 1.58 0.00 N | 35.90 2.08 0.06 N | 47.48 2.55 0.00 N | 33.86 1.83 0.00 N | 26.85 1.27 0.00 N | 22.46 0.95 0.00 N | 14.89 0.45 0.00 N | 11.95 0.35 0.00 N |
| HARZA MOOSE___RIVER 24016 | 22.47 0.37 0.00 N | 16.92 0.25 0.00 N | 20.78 0.27 0.00 N | 6.79 0.08 0.00 N | -20.75 -0.30 -0.14 N | 19.42 0.29 -1.44 N | 23.61 0.44 -1.55 N | 19.41 0.39 -1.34 N | 20.58 0.38 -1.74 N | 27.31 0.52 -1.96 N | 30.63 0.67 -2.07 N | 30.19 0.71 -1.74 N | 28.08 0.67 -0.34 N | 28.72 0.70 -1.03 N | 30.10 0.60 -1.67 N | 29.68 0.55 -1.71 N | 30.27 0.48 -1.73 N | 36.36 0.58 -1.90 N | 46.00 0.75 -0.32 N | 32.58 0.54 0.00 N | 25.97 0.39 0.00 N | 21.80 0.29 0.00 N | 14.60 0.16 0.00 N | 13.10 0.08 -1.42 N |
| HEMPSTEAD___ 23647 | 129.11 2.37 -104.65 N | 27.00 1.56 -8.77 N | 23.86 1.78 -1.57 N | 39.18 0.58 -31.88 N | 53.54 -1.64 -75.76 N | 38.30 1.69 -18.92 N | 34.64 2.47 -10.54 N | 41.92 2.08 -22.17 N | 36.65 2.25 -15.93 N | 31.43 2.91 -3.69 N | 32.58 3.54 -1.15 N | 33.28 3.57 -1.98 N | 38.69 3.50 -8.12 N | 56.43 3.52 -25.91 N | 31.42 3.59 0.00 N | 30.90 3.48 0.00 N | 31.42 3.35 0.00 N | 40.36 4.05 -2.43 N | 50.52 5.46 -0.13 N | 35.86 3.83 0.00 N | 30.34 3.17 -1.58 N | 24.01 2.50 0.00 N | 16.00 1.56 0.00 N | 12.82 1.22 0.00 N |
| HICKLING___1 23621 | 23.51 1.00 -0.42 N | 20.16 0.59 -2.90 N | 21.61 0.58 -0.52 N | 17.39 0.16 -10.52 N | 3.79 -0.63 -25.01 N | 24.56 0.62 -6.24 N | 26.23 1.12 -3.48 N | 25.76 0.76 -7.32 N | 24.73 0.99 -5.27 N | 27.08 1.33 -0.94 N | 29.30 1.42 0.00 N | 29.15 1.41 0.00 N | 28.59 1.53 0.00 N | 28.58 1.58 0.00 N | 29.54 1.71 0.00 N | 29.01 1.59 0.00 N | 29.03 0.97 0.00 N | 35.46 0.98 -0.60 N | 46.04 1.07 -0.03 N | 32.87 0.84 0.00 N | 26.26 0.67 0.00 N | 22.08 0.58 0.00 N | 14.93 0.49 0.00 N | 12.06 0.46 0.00 N |
| HICKLING___2 23622 | 23.51 1.00 -0.42 N | 20.16 0.59 -2.90 N | 21.61 0.58 -0.52 N | 17.39 0.16 -10.52 N | 3.79 -0.63 -25.01 N | 24.56 0.62 -6.24 N | 26.23 1.12 -3.48 N | 25.76 0.76 -7.32 N | 24.73 0.99 -5.27 N | 27.08 1.33 -0.94 N | 29.30 1.42 0.00 N | 29.15 1.41 0.00 N | 28.59 1.53 0.00 N | 28.58 1.58 0.00 N | 29.54 1.71 0.00 N | 29.01 1.59 0.00 N | 29.03 0.97 0.00 N | 35.46 0.98 -0.60 N | 46.04 1.07 -0.03 N | 32.87 0.84 0.00 N | 26.26 0.67 0.00 N | 22.08 0.58 0.00 N | 14.93 0.49 0.00 N | 12.06 0.46 0.00 N |

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|---------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| HIGH FALLS___HY 23754 | 25.64 2.28 -1.26 N | 27.03 1.54 -8.82 N | 23.87 1.78 -1.58 N | 39.36 0.59 -32.07 N | 53.82 -1.79 -76.20 N | 38.43 1.71 -19.02 N | 34.69 2.46 -10.60 N | 41.99 2.12 -22.19 N | 36.84 2.42 -15.96 N | 31.62 3.84 -2.96 N | 32.23 4.35 0.00 N | 31.86 4.12 0.00 N | 30.48 3.42 0.00 N | 30.44 3.45 0.00 N | 31.48 3.65 0.00 N | 31.07 3.65 0.00 N | 31.71 3.64 0.00 N | 40.89 4.58 -2.43 N | 51.14 6.09 -0.13 N | 36.37 4.33 0.00 N | 29.00 3.41 0.00 N | 24.19 2.68 0.00 N | 16.10 1.65 0.00 N | 12.83 1.23 0.00 N |
| HILLBURN___GT 23639 | 25.41 2.11 -1.21 N | 26.51 1.39 -8.45 N | 23.60 1.58 -1.51 N | 37.95 0.52 -30.72 N | 50.82 -1.59 -72.99 N | 37.52 1.59 -18.22 N | 34.09 2.30 -10.16 N | 41.04 2.01 -21.35 N | 36.00 2.19 -15.34 N | 30.42 3.00 -2.59 N | 31.21 3.40 0.07 N | 31.07 3.36 0.03 N | 30.33 3.29 0.02 N | 30.30 3.33 0.02 N | 31.27 3.44 0.00 N | 30.82 3.39 0.00 N | 31.39 3.33 0.00 N | 40.34 4.13 -2.33 N | 50.49 5.44 -0.12 N | 35.83 3.80 0.00 N | 28.60 3.02 0.00 N | 23.92 2.42 0.00 N | 15.96 1.52 0.00 N | 12.75 1.16 0.00 N |
| HISHELDN_WT_PWR 323625 | 22.09 -0.27 -0.27 N | 18.15 -0.39 -1.88 N | 20.21 -0.63 -0.34 N | 13.34 -0.21 -6.84 N | -3.55 0.79 -16.25 N | 21.17 -0.58 -4.06 N | 23.34 -0.55 -2.26 N | 21.62 -0.82 -4.76 N | 21.19 -0.72 -3.45 N | 24.41 -1.02 -0.61 N | 26.65 -1.24 0.00 N | 26.49 -1.25 0.00 N | 26.06 -1.00 0.00 N | 26.02 -0.98 0.00 N | 26.87 -0.96 0.00 N | 26.41 -1.02 0.00 N | 26.61 -1.46 0.00 N | 32.18 -2.13 -0.43 N | 41.95 -3.00 -0.02 N | 30.15 -1.88 0.00 N | 24.32 -1.26 0.00 N | 20.58 -0.92 0.00 N | 14.19 -0.25 0.00 N | 11.51 -0.09 0.00 N |
| HOLTSVILLE_IC_1 23690 | 129.39 2.65 -104.65 N | 27.19 1.76 -8.77 N | 24.09 2.01 -1.57 N | 39.25 0.65 -31.88 N | 53.40 -1.77 -75.76 N | 38.47 1.86 -18.92 N | 34.91 2.74 -10.54 N | 41.99 2.14 -22.17 N | 36.65 2.26 -15.93 N | 31.34 2.83 -3.69 N | 32.61 3.58 -1.15 N | 33.30 3.59 -1.98 N | 38.71 3.52 -8.12 N | 56.50 3.59 -25.91 N | 31.33 3.50 0.00 N | 30.80 3.37 0.00 N | 31.27 3.20 0.00 N | 40.30 4.00 -2.43 N | 50.77 5.71 -0.13 N | 36.08 4.05 0.00 N | 30.56 3.39 -1.58 N | 24.04 2.53 0.00 N | 16.03 1.59 0.00 N | 12.92 1.32 0.00 N |
| HOLTSVILLE_IC_10 23699 | 129.79 3.05 -104.65 N | 27.48 2.05 -8.77 N | 24.43 2.35 -1.57 N | 39.35 0.76 -31.88 N | 53.06 -2.11 -75.76 N | 38.79 2.17 -18.92 N | 35.34 3.17 -10.54 N | 42.31 2.47 -22.17 N | 36.99 2.59 -15.93 N | 31.79 3.28 -3.69 N | 33.16 4.13 -1.15 N | 33.86 4.14 -1.98 N | 39.27 4.08 -8.12 N | 57.05 4.14 -25.91 N | 31.89 4.06 0.00 N | 31.35 3.92 0.00 N | 31.86 3.79 0.00 N | 41.05 4.75 -2.43 N | 51.75 6.70 -0.13 N | 36.75 4.72 0.00 N | 31.09 3.93 -1.58 N | 24.49 2.99 0.00 N | 16.33 1.89 0.00 N | 13.13 1.54 0.00 N |
| HOLTSVILLE_IC_2 23691 | 129.39 2.65 -104.65 N | 27.19 1.76 -8.77 N | 24.09 2.01 -1.57 N | 39.25 0.65 -31.88 N | 53.40 -1.77 -75.76 N | 38.47 1.86 -18.92 N | 34.91 2.74 -10.54 N | 41.99 2.14 -22.17 N | 36.65 2.26 -15.93 N | 31.34 2.83 -3.69 N | 32.61 3.58 -1.15 N | 33.30 3.59 -1.98 N | 38.71 3.52 -8.12 N | 56.50 3.59 -25.91 N | 31.33 3.50 0.00 N | 30.80 3.37 0.00 N | 31.27 3.20 0.00 N | 40.30 4.00 -2.43 N | 50.77 5.71 -0.13 N | 36.08 4.05 0.00 N | 30.56 3.39 -1.58 N | 24.04 2.53 0.00 N | 16.03 1.59 0.00 N | 12.92 1.32 0.00 N |
| HOLTSVILLE_IC_3 23692 | 129.39 2.65 -104.65 N | 27.19 1.76 -8.77 N | 24.09 2.01 -1.57 N | 39.25 0.65 -31.88 N | 53.40 -1.77 -75.76 N | 38.47 1.86 -18.92 N | 34.91 2.74 -10.54 N | 41.99 2.14 -22.17 N | 36.65 2.26 -15.93 N | 31.34 2.83 -3.69 N | 32.61 3.58 -1.15 N | 33.30 3.59 -1.98 N | 38.71 3.52 -8.12 N | 56.50 3.59 -25.91 N | 31.33 3.50 0.00 N | 30.80 3.37 0.00 N | 31.27 3.20 0.00 N | 40.30 4.00 -2.43 N | 50.77 5.71 -0.13 N | 36.08 4.05 0.00 N | 30.56 3.39 -1.58 N | 24.04 2.53 0.00 N | 16.03 1.59 0.00 N | 12.92 1.32 0.00 N |
| HOLTSVILLE_IC_4 23693 | 129.39 2.65 -104.65 N | 27.19 1.76 -8.77 N | 24.09 2.01 -1.57 N | 39.25 0.65 -31.88 N | 53.40 -1.77 -75.76 N | 38.47 1.86 -18.92 N | 34.91 2.74 -10.54 N | 41.99 2.14 -22.17 N | 36.65 2.26 -15.93 N | 31.34 2.83 -3.69 N | 32.61 3.58 -1.15 N | 33.30 3.59 -1.98 N | 38.71 3.52 -8.12 N | 56.50 3.59 -25.91 N | 31.33 3.50 0.00 N | 30.80 3.37 0.00 N | 31.27 3.20 0.00 N | 40.30 4.00 -2.43 N | 50.77 5.71 -0.13 N | 36.08 4.05 0.00 N | 30.56 3.39 -1.58 N | 24.04 2.53 0.00 N | 16.03 1.59 0.00 N | 12.92 1.32 0.00 N |
| HOLTSVILLE_IC_5 23694 | 129.39 2.65 -104.65 N | 27.19 1.76 -8.77 N | 24.09 2.01 -1.57 N | 39.25 0.65 -31.88 N | 53.40 -1.77 -75.76 N | 38.47 1.86 -18.92 N | 34.91 2.74 -10.54 N | 41.99 2.14 -22.17 N | 36.65 2.26 -15.93 N | 31.34 2.83 -3.69 N | 32.61 3.58 -1.15 N | 33.30 3.59 -1.98 N | 38.71 3.52 -8.12 N | 56.50 3.59 -25.91 N | 31.33 3.50 0.00 N | 30.80 3.37 0.00 N | 31.27 3.20 0.00 N | 40.30 4.00 -2.43 N | 50.77 5.71 -0.13 N | 36.08 4.05 0.00 N | 30.56 3.39 -1.58 N | 24.04 2.53 0.00 N | 16.03 1.59 0.00 N | 12.92 1.32 0.00 N |
| HOLTSVILLE_IC_6 23695 | 129.79 3.05 -104.65 N | 27.48 2.05 -8.77 N | 24.43 2.35 -1.57 N | 39.35 0.76 -31.88 N | 53.06 -2.11 -75.76 N | 38.79 2.17 -18.92 N | 35.34 3.17 -10.54 N | 42.31 2.47 -22.17 N | 36.99 2.59 -15.93 N | 31.79 3.28 -3.69 N | 33.16 4.13 -1.15 N | 33.86 4.14 -1.98 N | 39.27 4.08 -8.12 N | 57.05 4.14 -25.91 N | 31.89 4.06 0.00 N | 31.35 3.92 0.00 N | 31.86 3.79 0.00 N | 41.05 4.75 -2.43 N | 51.75 6.70 -0.13 N | 36.75 4.72 0.00 N | 31.09 3.93 -1.58 N | 24.49 2.99 0.00 N | 16.33 1.89 0.00 N | 13.13 1.54 0.00 N |
| HOLTSVILLE_IC_7 23696 | 129.79 3.05 -104.65 N | 27.48 2.05 -8.77 N | 24.43 2.35 -1.57 N | 39.35 0.76 -31.88 N | 53.06 -2.11 -75.76 N | 38.79 2.17 -18.92 N | 35.34 3.17 -10.54 N | 42.31 2.47 -22.17 N | 36.99 2.59 -15.93 N | 31.79 3.28 -3.69 N | 33.16 4.13 -1.15 N | 33.86 4.14 -1.98 N | 39.27 4.08 -8.12 N | 57.05 4.14 -25.91 N | 31.89 4.06 0.00 N | 31.35 3.92 0.00 N | 31.86 3.79 0.00 N | 41.05 4.75 -2.43 N | 51.75 6.70 -0.13 N | 36.75 4.72 0.00 N | 31.09 3.93 -1.58 N | 24.49 2.99 0.00 N | 16.33 1.89 0.00 N | 13.13 1.54 0.00 N |
| HOLTSVILLE_IC_8 23697 | 129.79 3.05 -104.65 N | 27.48 2.05 -8.77 N | 24.43 2.35 -1.57 N | 39.35 0.76 -31.88 N | 53.06 -2.11 -75.76 N | 38.79 2.17 -18.92 N | 35.34 3.17 -10.54 N | 42.31 2.47 -22.17 N | 36.99 2.59 -15.93 N | 31.79 3.28 -3.69 N | 33.16 4.13 -1.15 N | 33.86 4.14 -1.98 N | 39.27 4.08 -8.12 N | 57.05 4.14 -25.91 N | 31.89 4.06 0.00 N | 31.35 3.92 0.00 N | 31.86 3.79 0.00 N | 41.05 4.75 -2.43 N | 51.75 6.70 -0.13 N | 36.75 4.72 0.00 N | 31.09 3.93 -1.58 N | 24.49 2.99 0.00 N | 16.33 1.89 0.00 N | 13.13 1.54 0.00 N |
| HOLTSVILLE_IC_9 23698 | 129.79 3.05 -104.65 N | 27.48 2.05 -8.77 N | 24.43 2.35 -1.57 N | 39.35 0.76 -31.88 N | 53.06 -2.11 -75.76 N | 38.79 2.17 -18.92 N | 35.34 3.17 -10.54 N | 42.31 2.47 -22.17 N | 36.99 2.59 -15.93 N | 31.79 3.28 -3.69 N | 33.16 4.13 -1.15 N | 33.86 4.14 -1.98 N | 39.27 4.08 -8.12 N | 57.05 4.14 -25.91 N | 31.89 4.06 0.00 N | 31.35 3.92 0.00 N | 31.86 3.79 0.00 N | 41.05 4.75 -2.43 N | 51.75 6.70 -0.13 N | 36.75 4.72 0.00 N | 31.09 3.93 -1.58 N | 24.49 2.99 0.00 N | 16.33 1.89 0.00 N | 13.13 1.54 0.00 N |
| HOWARD_WT_PWR 323690 | 22.74 0.31 -0.34 N | 19.08 0.02 -2.39 N | 20.81 -0.12 -0.43 N | 15.30 -0.09 -8.68 N | 0.25 0.21 -20.63 N | 22.84 -0.01 -5.15 N | 24.78 0.27 -2.87 N | 23.73 0.01 -6.04 N | 23.01 0.20 -4.35 N | 25.86 0.26 -0.77 N | 28.14 0.25 0.00 N | 27.98 0.23 0.00 N | 27.45 0.39 0.00 N | 27.58 0.58 0.00 N | 28.40 0.57 0.00 N | 27.85 0.42 0.00 N | 27.87 -0.19 0.00 N | 33.90 -0.48 -0.51 N | 44.18 -0.78 -0.03 N | 31.70 -0.33 0.00 N | 25.33 -0.25 0.00 N | 21.32 -0.19 0.00 N | 14.51 0.07 0.00 N | 11.71 0.12 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 |
|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|---|
| HQ_GEN_CEDARS 23644 | 21.60 -0.49 0.00 N | 16.26 -0.40 0.00 N | 20.09 -0.42 0.00 N | 6.56 -0.14 0.00 N | -19.95 0.42 -0.21 N | 19.39 -0.44 -2.13 N | 23.10 -0.82 -2.29 N | 18.96 -0.67 -1.95 N | 19.40 -1.25 -2.18 N | 25.55 -1.74 -2.46 N | 28.69 -1.79 -2.60 N | 28.34 -1.58 -2.18 N | 25.97 -1.52 -0.43 N | 26.73 -1.55 -1.29 N | 28.50 -1.68 -2.36 N | 28.18 -1.78 -2.53 N | 28.63 -1.99 -2.56 N | 34.28 -2.41 -2.81 N | 42.53 -2.88 -0.47 N | 30.07 -1.96 0.00 N | 24.11 -1.47 0.00 N | 20.65 -0.86 0.00 N | 13.95 -0.49 0.00 N | 13.29 -0.42 -2.11 N | |
| HQ_GEN_CEDARS_PROXY 323590 | 20.51 -0.51 -0.31 N | 16.26 -0.40 0.00 N | 20.09 -0.42 0.00 N | 6.56 -0.14 0.00 N | -19.95 0.42 -0.21 N | 19.39 -0.44 -2.13 N | 23.10 -0.82 -2.29 N | 20.68 -0.53 -4.59 N | 19.40 -1.25 -2.18 N | 26.48 -1.56 -4.45 N | 25.75 -1.53 -3.79 N | 28.78 -1.45 -4.04 N | 25.97 -1.52 -0.43 N | 26.73 -1.55 -1.29 N | 28.50 -1.68 -2.36 N | 26.89 -1.72 -2.62 N | 28.63 -1.99 -2.56 N | 34.28 -2.41 -2.81 N | 42.53 -2.88 -0.47 N | 33.41 -2.48 -1.53 N | 24.11 -1.47 0.00 N | 20.65 -0.86 0.00 N | 13.95 -0.49 0.00 N | 13.29 -0.42 -2.11 N | |
| HQ_GEN_IMPORT 323601 | 22.17 -0.49 0.00 N | 16.32 -0.35 0.00 N | 20.14 -0.37 0.00 N | 6.59 -0.12 0.00 N | -20.22 0.36 0.00 N | 17.35 -0.35 0.00 N | 21.06 -0.56 0.00 N | 16.64 -0.44 0.00 N | 17.90 -0.57 0.00 N | 23.44 -0.77 0.00 N | 26.28 -0.82 0.00 N | 26.90 -0.77 0.00 N | 26.31 -0.75 0.00 N | 26.23 -0.76 0.00 N | 27.00 -0.83 0.00 N | 26.47 -0.85 -0.11 N | 27.15 -0.91 0.00 N | 32.79 -1.09 0.00 N | 43.61 -1.33 0.00 N | 31.16 -0.94 0.35 N | 24.88 -0.70 0.00 N | 21.18 -0.53 0.04 N | 15.58 -0.37 0.42 N | 11.30 -0.30 0.00 N | |
| HQ_GEN_WHEEL 23651 | 22.17 -0.49 0.00 N | 16.32 -0.35 0.00 N | 20.14 -0.37 0.00 N | 6.59 -0.12 0.00 N | -20.22 0.36 0.00 N | 17.35 -0.35 0.00 N | 21.06 -0.56 0.00 N | 16.64 -0.44 0.00 N | 17.90 -0.57 0.00 N | 23.44 -0.77 0.00 N | 26.28 -0.82 0.00 N | 26.90 -0.77 0.00 N | 26.31 -0.75 0.00 N | 26.23 -0.76 0.00 N | 27.00 -0.83 0.00 N | 26.47 -0.85 -0.11 N | 27.15 -0.91 0.00 N | 32.79 -1.09 0.00 N | 43.61 -1.33 0.00 N | 31.16 -0.94 0.35 N | 24.88 -0.70 0.00 N | 21.00 -0.51 0.00 N | 14.10 -0.34 0.00 N | 11.30 -0.30 0.00 N | |
| HUDSON_AVE_GT_3 23810 | 25.51 2.16 -1.26 N | 26.86 1.42 -8.77 N | 23.69 1.61 -1.57 N | 39.12 0.54 -31.88 N | 53.59 -1.58 -75.76 N | 38.21 1.60 -18.91 N | 34.49 2.32 -10.54 N | 41.90 2.06 -22.16 N | 36.70 2.31 -15.93 N | 36.63 3.17 -8.64 N | 34.53 3.59 -3.06 N | 32.58 3.58 -1.26 N | 31.44 3.50 -0.87 N | 31.53 3.51 -1.03 N | 31.41 3.58 0.00 N | 30.97 3.55 0.00 N | 31.55 3.49 0.00 N | 40.51 4.21 -2.42 N | 50.53 5.47 -0.13 N | 35.88 3.85 0.00 N | 28.67 3.08 0.00 N | 24.00 2.49 0.00 N | 16.01 1.57 0.00 N | 12.77 1.17 0.00 N | |
| HUDSON_AVE_GT_4 23540 | 25.51 2.16 -1.26 N | 26.86 1.42 -8.77 N | 23.69 1.61 -1.57 N | 39.12 0.54 -31.88 N | 53.59 -1.58 -75.76 N | 38.21 1.60 -18.91 N | 34.49 2.32 -10.54 N | 41.90 2.06 -22.16 N | 36.70 2.31 -15.93 N | 36.63 3.17 -8.64 N | 34.53 3.59 -3.06 N | 32.58 3.58 -1.26 N | 31.44 3.50 -0.87 N | 31.53 3.51 -1.03 N | 31.41 3.58 0.00 N | 30.97 3.55 0.00 N | 31.55 3.49 0.00 N | 40.51 4.21 -2.42 N | 50.53 5.47 -0.13 N | 35.88 3.85 0.00 N | 28.67 3.08 0.00 N | 24.00 2.49 0.00 N | 16.01 1.57 0.00 N | 12.77 1.17 0.00 N | |
| HUDSON_AVE_GT_5 23657 | 25.51 2.16 -1.26 N | 26.86 1.42 -8.77 N | 23.69 1.61 -1.57 N | 39.12 0.54 -31.88 N | 53.59 -1.58 -75.76 N | 38.21 1.60 -18.91 N | 34.49 2.32 -10.54 N | 41.90 2.06 -22.16 N | 36.70 2.31 -15.93 N | 36.63 3.17 -8.64 N | 34.53 3.59 -3.06 N | 32.58 3.58 -1.26 N | 31.44 3.50 -0.87 N | 31.53 3.51 -1.03 N | 31.41 3.58 0.00 N | 30.97 3.55 0.00 N | 31.55 3.49 0.00 N | 40.51 4.21 -2.42 N | 50.53 5.47 -0.13 N | 35.88 3.85 0.00 N | 28.67 3.08 0.00 N | 24.00 2.49 0.00 N | 16.01 1.57 0.00 N | 12.77 1.17 0.00 N | |
| HUDSON_AVE_10 24168 | 25.43 2.08 -1.26 N | 26.79 1.36 -8.77 N | 23.61 1.53 -1.57 N | 39.10 0.51 -31.88 N | 53.67 -1.50 -75.76 N | 38.15 1.54 -18.91 N | 34.43 2.26 -10.54 N | 41.85 2.01 -22.16 N | 36.63 2.24 -15.93 N | 36.54 3.08 -8.64 N | 34.42 3.48 -3.06 N | 32.49 3.49 -1.26 N | 31.33 3.40 -0.87 N | 31.41 3.38 -1.03 N | 31.28 3.45 0.00 N | 30.83 3.41 0.00 N | 31.40 3.34 0.00 N | 40.32 4.02 -2.42 N | 50.28 5.23 -0.13 N | 35.71 3.68 0.00 N | 28.54 2.96 0.00 N | 23.89 2.38 0.00 N | 15.94 1.50 0.00 N | 12.70 1.11 0.00 N | |
| HUNTER_MOUNT___DRP 323613 | 25.49 1.99 -1.41 N | 27.95 1.46 -9.82 N | 24.04 1.77 -1.76 N | 42.99 0.59 -35.69 N | 62.48 -1.75 -84.81 N | 40.47 1.60 -21.18 N | 35.58 2.15 -11.80 N | 43.75 1.73 -24.33 N | 37.83 1.88 -17.49 N | 30.44 2.48 -3.13 N | 30.63 2.75 0.00 N | 30.45 2.71 0.00 N | 29.74 2.68 0.00 N | 29.67 2.68 0.00 N | 30.63 2.80 0.00 N | 30.04 2.62 0.00 N | 30.57 2.50 0.00 N | 39.73 3.19 -2.66 N | 49.31 4.24 -0.14 N | 34.95 2.92 0.00 N | 27.80 2.22 0.00 N | 23.26 1.76 0.00 N | 15.53 1.09 0.00 N | 12.47 0.87 0.00 N | |
| HUNTLEY___63 23557 | 22.08 -0.24 -0.22 N | 17.99 -0.25 -1.57 N | 20.37 -0.42 -0.28 N | 12.31 -0.12 -5.73 N | -6.34 0.64 -13.60 N | 20.61 -0.48 -3.40 N | 22.98 -0.55 -1.89 N | 20.73 -0.93 -3.99 N | 20.49 -0.88 -2.91 N | 24.05 -1.29 -0.52 N | 26.32 -1.56 0.00 N | 26.14 -1.60 0.00 N | 25.69 -1.37 0.00 N | 25.64 -1.35 0.00 N | 26.50 -1.33 0.00 N | 26.12 -1.31 0.00 N | 26.40 -1.66 0.00 N | 31.77 -2.49 -0.38 N | 41.51 -3.44 -0.02 N | 29.91 -2.13 0.00 N | 24.17 -1.41 0.00 N | 20.46 -1.05 0.00 N | 14.22 -0.22 0.00 N | 11.60 0.00 0.00 N | |
| HUNTLEY___64 23558 | 22.08 -0.24 -0.22 N | 17.99 -0.25 -1.57 N | 20.37 -0.42 -0.28 N | 12.31 -0.12 -5.73 N | -6.34 0.64 -13.60 N | 20.61 -0.48 -3.40 N | 22.98 -0.55 -1.89 N | 20.73 -0.93 -3.99 N | 20.49 -0.88 -2.91 N | 24.05 -1.29 -0.52 N | 26.32 -1.56 0.00 N | 26.14 -1.60 0.00 N | 25.69 -1.37 0.00 N | 25.64 -1.35 0.00 N | 26.50 -1.33 0.00 N | 26.12 -1.31 0.00 N | 26.40 -1.66 0.00 N | 31.77 -2.49 -0.38 N | 41.51 -3.44 -0.02 N | 29.91 -2.13 0.00 N | 24.17 -1.41 0.00 N | 20.46 -1.05 0.00 N | 14.22 -0.22 0.00 N | 11.60 0.00 0.00 N | |
| HUNTLEY___65 23559 | 22.08 -0.24 -0.22 N | 17.99 -0.25 -1.57 N | 20.37 -0.42 -0.28 N | 12.31 -0.12 -5.73 N | -6.34 0.64 -13.60 N | 20.61 -0.48 -3.40 N | 22.98 -0.55 -1.89 N | 20.73 -0.93 -3.99 N | 20.49 -0.88 -2.91 N | 24.05 -1.29 -0.52 N | 26.32 -1.56 0.00 N | 26.14 -1.60 0.00 N | 25.69 -1.37 0.00 N | 25.64 -1.35 0.00 N | 26.50 -1.33 0.00 N | 26.12 -1.31 0.00 N | 26.40 -1.66 0.00 N | 31.77 -2.49 -0.38 N | 41.51 -3.44 -0.02 N | 29.91 -2.13 0.00 N | 24.17 -1.41 0.00 N | 20.46 -1.05 0.00 N | 14.22 -0.22 0.00 N | 11.60 0.00 0.00 N | |
| HUNTLEY___66 23560 | 22.08 -0.24 -0.22 N | 17.99 -0.25 -1.57 N | 20.37 -0.42 -0.28 N | 12.31 -0.12 -5.73 N | -6.34 0.64 -13.60 N | 20.61 -0.48 -3.40 N | 22.98 -0.55 -1.89 N | 20.73 -0.93 -3.99 N | 20.49 -0.88 -2.91 N | 24.05 -1.29 -0.52 N | 26.32 -1.56 0.00 N | 26.14 -1.60 0.00 N | 25.69 -1.37 0.00 N | 25.64 -1.35 0.00 N | 26.50 -1.33 0.00 N | 26.12 -1.31 0.00 N | 26.40 -1.66 0.00 N | 31.77 -2.49 -0.38 N | 41.51 -3.44 -0.02 N | 29.91 -2.13 0.00 N | 24.17 -1.41 0.00 N | 20.46 -1.05 0.00 N | 14.22 -0.22 0.00 N | 11.60 0.00 0.00 N | |
| HUNTLEY___67 | 21.85 | 17.81 | 20.13 | 12.31 | -5.92 | 20.44 | 22.77 | 20.64 | 20.40 | 23.93 | 26.16 | 25.97 | 25.52 | 25.48 | 26.35 | 25.98 | 26.25 | 31.57 | 41.25 | 29.70 | 24.00 | 20.32 | 14.07 | 11.47 | |

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|----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 23561 | -0.47 -0.23 N | -0.44 -1.59 N | -0.66 -0.29 N | -0.20 -5.80 N | 0.88 -13.78 N | -0.70 -3.44 N | -0.78 -1.92 N | -1.07 -4.04 N | -1.00 -2.93 N | -1.41 -0.52 N | -1.72 0.00 N | -1.77 0.00 N | -1.54 0.00 N | -1.51 0.00 N | -1.48 0.00 N | -1.45 0.00 N | -1.82 0.00 N | -2.69 -0.38 N | -3.70 -0.02 N | -2.34 0.00 N | -1.59 0.00 N | -1.19 0.00 N | -0.37 0.00 N | -0.13 0.00 N |
| HUNTLEY___68 23562 | 21.85 -0.47 -0.23 N | 17.81 -0.44 -1.59 N | 20.13 -0.66 -0.29 N | 12.31 -0.20 -5.80 N | -5.92 0.88 -13.78 N | 20.44 -0.70 -3.44 N | 22.77 -0.78 -1.92 N | 20.64 -1.07 -4.04 N | 20.40 -1.00 -2.93 N | 23.93 -1.41 -0.52 N | 26.16 -1.72 0.00 N | 25.97 -1.77 0.00 N | 25.52 -1.54 0.00 N | 25.48 -1.51 0.00 N | 26.35 -1.48 0.00 N | 25.98 -1.45 0.00 N | 26.25 -1.82 0.00 N | 31.57 -2.69 -0.38 N | 41.25 -3.70 -0.02 N | 29.70 -2.34 0.00 N | 24.00 -1.59 0.00 N | 20.32 -1.19 0.00 N | 14.07 -0.37 0.00 N | 11.47 -0.13 0.00 N |
| HYLAND___LFG 323620 | 23.06 0.71 -0.26 N | 18.84 0.36 -1.82 N | 21.15 0.31 -0.33 N | 13.42 0.09 -6.61 N | -5.09 -0.21 -15.71 N | 21.97 0.35 -3.92 N | 24.62 0.80 -2.19 N | 22.80 0.52 -4.60 N | 22.47 0.70 -3.31 N | 26.30 0.90 -0.59 N | 28.83 0.95 0.00 N | 28.68 0.94 0.00 N | 28.09 1.03 0.00 N | 28.00 1.00 0.00 N | 28.85 1.02 0.00 N | 28.40 0.98 0.00 N | 28.82 0.75 0.00 N | 35.02 0.72 -0.42 N | 45.73 0.78 -0.02 N | 32.77 0.74 0.00 N | 26.28 0.70 0.00 N | 22.06 0.55 0.00 N | 14.97 0.53 0.00 N | 12.05 0.45 0.00 N |
| INDECK___CORINTH 23802 | 25.45 1.72 -1.63 N | 29.34 1.27 -11.40 N | 24.09 1.54 -2.04 N | 48.69 0.53 -41.45 N | 76.38 -1.53 -98.50 N | 43.71 1.42 -24.59 N | 37.14 1.81 -13.70 N | 48.19 1.65 -28.86 N | 40.96 1.75 -20.74 N | 30.53 2.02 -3.69 N | 29.92 2.04 0.00 N | 29.32 1.58 0.00 N | 28.45 1.39 0.00 N | 28.33 1.34 0.00 N | 29.30 1.48 0.00 N | 28.90 1.48 0.00 N | 29.64 1.57 0.00 N | 39.36 2.29 -3.19 N | 48.10 3.01 -0.17 N | 33.97 1.93 0.00 N | 26.78 1.19 0.00 N | 22.39 0.89 0.00 N | 14.87 0.42 0.00 N | 11.89 0.29 0.00 N |
| INDECK___ILION 23567 | 22.89 0.82 0.03 N | 17.09 0.61 0.19 N | 21.18 0.71 0.03 N | 6.24 0.23 0.70 N | -22.97 -0.73 1.65 N | 17.95 0.66 0.41 N | 22.31 0.91 0.23 N | 17.91 0.72 0.48 N | 18.89 0.79 0.36 N | 25.82 1.06 0.06 N | 28.95 1.07 0.00 N | 28.77 1.04 0.00 N | 28.06 1.00 0.00 N | 28.00 1.01 0.00 N | 28.89 1.06 0.00 N | 28.53 1.10 0.00 N | 29.20 1.13 0.00 N | 35.28 1.46 0.06 N | 46.79 1.87 0.00 N | 33.35 1.32 0.00 N | 26.53 0.95 0.00 N | 22.23 0.72 0.00 N | 14.85 0.41 0.00 N | 11.94 0.34 0.00 N |
| INDECK___OLEAN 23982 | 23.20 0.85 -0.25 N | 18.58 0.14 -1.78 N | 20.80 -0.04 -0.33 N | 13.29 -0.03 -6.62 N | -4.85 0.00 -15.73 N | 21.83 0.21 -3.93 N | 24.46 0.64 -2.19 N | 22.62 0.34 -4.61 N | 22.41 0.61 -3.34 N | 26.25 0.83 -0.59 N | 28.69 0.80 0.00 N | 28.45 0.71 0.00 N | 28.13 1.07 0.00 N | 27.96 0.96 0.00 N | 28.81 0.99 0.00 N | 28.28 0.86 0.00 N | 28.43 0.37 0.00 N | 34.49 0.20 -0.42 N | 45.13 0.17 -0.02 N | 32.29 0.26 0.00 N | 25.95 0.36 0.00 N | 22.01 0.50 0.00 N | 15.04 0.60 0.00 N | 12.18 0.58 0.00 N |
| INDECK___OSWEGO 23783 | 21.49 -0.66 -0.06 N | 16.57 -0.51 -0.41 N | 19.93 -0.65 -0.07 N | 7.98 -0.22 -1.49 N | -16.39 0.66 -3.53 N | 18.04 -0.54 -0.88 N | 21.53 -0.59 -0.49 N | 18.22 -0.49 -1.04 N | 18.74 -0.48 -0.76 N | 24.33 -0.63 -0.13 N | 27.18 -0.70 0.00 N | 27.00 -0.74 0.00 N | 26.33 -0.73 0.00 N | 26.27 -0.73 0.00 N | 27.06 -0.77 0.00 N | 26.73 -0.70 0.00 N | 27.59 -0.48 0.00 N | 33.41 -0.65 -0.18 N | 43.99 -0.95 -0.01 N | 31.41 -0.62 0.00 N | 25.11 -0.48 0.00 N | 21.06 -0.45 0.00 N | 14.17 -0.27 0.00 N | 11.38 -0.22 0.00 N |
| INDECK___YERKES 23781 | 22.08 -0.24 -0.22 N | 17.99 -0.25 -1.57 N | 20.37 -0.42 -0.28 N | 12.31 -0.12 -5.73 N | -6.34 0.64 -13.60 N | 20.61 -0.48 -3.40 N | 22.98 -0.55 -1.89 N | 20.73 -0.93 -3.99 N | 20.49 -0.88 -2.91 N | 24.05 -1.29 -0.52 N | 26.32 -1.56 0.00 N | 26.14 -1.60 0.00 N | 25.69 -1.37 0.00 N | 25.64 -1.35 0.00 N | 26.50 -1.33 0.00 N | 26.12 -1.31 0.00 N | 26.40 -1.66 0.00 N | 31.77 -2.49 -0.38 N | 41.51 -3.44 -0.02 N | 29.91 -2.13 0.00 N | 24.17 -1.41 0.00 N | 20.46 -1.05 0.00 N | 14.22 -0.22 0.00 N | 11.60 0.00 0.00 N |
| INDIAN POINT_GT_1 24139 | 25.29 1.95 -1.25 N | 26.67 1.29 -8.71 N | 23.53 1.47 -1.56 N | 38.86 0.49 -31.67 N | 53.21 -1.46 -75.26 N | 37.95 1.46 -18.79 N | 34.21 2.11 -10.47 N | 41.55 1.85 -22.02 N | 36.32 2.04 -15.82 N | 30.22 2.78 -2.61 N | 30.94 3.16 0.11 N | 30.84 3.14 0.04 N | 30.10 3.07 0.03 N | 30.05 3.09 0.04 N | 31.03 3.20 0.00 N | 30.57 3.15 0.00 N | 31.15 3.08 0.00 N | 40.09 3.81 -2.41 N | 50.07 5.01 -0.12 N | 35.52 3.49 0.00 N | 28.36 2.77 0.00 N | 23.72 2.21 0.00 N | 15.83 1.39 0.00 N | 12.65 1.05 0.00 N |
| INDIAN POINT_GT_2 23659 | 25.29 1.95 -1.25 N | 26.67 1.29 -8.71 N | 23.53 1.47 -1.56 N | 38.86 0.49 -31.67 N | 53.21 -1.46 -75.26 N | 37.95 1.46 -18.79 N | 34.21 2.11 -10.47 N | 41.55 1.85 -22.02 N | 36.32 2.04 -15.82 N | 30.22 2.78 -2.61 N | 30.94 3.16 0.11 N | 30.84 3.14 0.04 N | 30.10 3.07 0.03 N | 30.05 3.09 0.04 N | 31.03 3.20 0.00 N | 30.57 3.15 0.00 N | 31.15 3.08 0.00 N | 40.09 3.81 -2.41 N | 50.07 5.01 -0.12 N | 35.52 3.49 0.00 N | 28.36 2.77 0.00 N | 23.72 2.21 0.00 N | 15.83 1.39 0.00 N | 12.65 1.05 0.00 N |
| INDIAN POINT_GT_3 24019 | 25.29 1.95 -1.25 N | 26.67 1.29 -8.71 N | 23.53 1.47 -1.56 N | 38.86 0.49 -31.67 N | 53.21 -1.46 -75.26 N | 37.95 1.46 -18.79 N | 34.21 2.11 -10.47 N | 41.55 1.85 -22.02 N | 36.32 2.04 -15.82 N | 30.22 2.78 -2.61 N | 30.94 3.16 0.11 N | 30.84 3.14 0.04 N | 30.10 3.07 0.03 N | 30.05 3.09 0.04 N | 31.03 3.20 0.00 N | 30.57 3.15 0.00 N | 31.15 3.08 0.00 N | 40.09 3.81 -2.41 N | 50.07 5.01 -0.12 N | 35.52 3.49 0.00 N | 28.36 2.77 0.00 N | 23.72 2.21 0.00 N | 15.83 1.39 0.00 N | 12.65 1.05 0.00 N |
| INDIAN POINT___2 23530 | 25.22 1.89 -1.24 N | 26.54 1.25 -8.62 N | 23.46 1.41 -1.55 N | 38.52 0.46 -31.35 N | 52.50 -1.40 -74.49 N | 37.71 1.42 -18.60 N | 34.05 2.06 -10.36 N | 41.28 1.81 -21.79 N | 36.12 1.99 -15.66 N | 30.13 2.72 -2.58 N | 30.87 3.09 0.11 N | 30.77 3.07 0.04 N | 30.03 3.00 0.03 N | 29.99 3.03 0.04 N | 30.95 3.12 0.00 N | 30.51 3.08 0.00 N | 31.08 3.02 0.00 N | 39.98 3.72 -2.38 N | 49.95 4.90 -0.12 N | 35.44 3.42 0.00 N | 28.30 2.71 0.00 N | 23.67 2.17 0.00 N | 15.80 1.36 0.00 N | 12.62 1.03 0.00 N |
| INDIAN POINT___3 23531 | 25.21 1.87 -1.25 N | 26.62 1.24 -8.72 N | 23.47 1.40 -1.56 N | 38.86 0.46 -31.69 N | 53.32 -1.39 -75.30 N | 37.90 1.40 -18.80 N | 34.14 2.03 -10.48 N | 41.49 1.78 -22.03 N | 36.26 1.96 -15.83 N | 30.13 2.68 -2.63 N | 30.83 3.04 0.10 N | 30.73 3.03 0.04 N | 29.99 2.96 0.03 N | 29.94 2.98 0.03 N | 30.91 3.08 0.00 N | 30.46 3.04 0.00 N | 31.03 2.97 0.00 N | 39.95 3.66 -2.41 N | 49.88 4.83 -0.12 N | 35.39 3.36 0.00 N | 28.24 2.66 0.00 N | 23.63 2.13 0.00 N | 15.77 1.33 0.00 N | 12.61 1.01 0.00 N |
| IP CORINTH___1 23988 | 25.75 2.02 -1.63 N | 29.56 1.50 -11.40 N | 24.36 1.81 -2.04 N | 48.77 0.62 -41.45 N | 76.11 -1.81 -98.50 N | 43.95 1.66 -24.59 N | 37.46 2.13 -13.70 N | 48.45 1.91 -28.86 N | 41.21 2.01 -20.74 N | 30.78 2.27 -3.69 N | 30.14 2.26 0.00 N | 29.46 1.72 0.00 N | 28.55 1.49 0.00 N | 28.42 1.42 0.00 N | 29.39 1.57 0.00 N | 28.98 1.56 0.00 N | 29.71 1.65 0.00 N | 39.46 2.39 -3.19 N | 48.23 3.14 -0.17 N | 34.06 2.03 0.00 N | 26.85 1.27 0.00 N | 22.46 0.95 0.00 N | 14.91 0.47 0.00 N | 11.92 0.32 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| IP____TICONDEROGA 23804 | 26.90 3.23 -1.58 N | 30.09 2.40 -11.03 N | 25.40 2.92 -1.98 N | 47.80 0.99 -40.10 N | 71.83 -2.87 -95.29 N | 44.10 2.62 -23.79 N | 38.04 3.16 -13.26 N | 48.48 2.88 -27.92 N | 41.62 3.10 -20.06 N | 32.44 4.05 -3.57 N | 32.12 4.24 0.00 N | 31.80 4.06 0.00 N | 30.79 3.73 0.00 N | 30.63 3.64 0.00 N | 31.81 3.99 0.00 N | 31.40 3.98 0.00 N | 32.15 4.09 0.00 N | 42.20 5.24 -3.09 N | 52.11 7.02 -0.16 N | 36.79 4.76 0.00 N | 29.01 3.42 0.00 N | 24.12 2.61 0.00 N | 16.06 1.62 0.00 N | 12.94 1.34 0.00 N |
| ISLIP_RES_REC 323679 | 130.15 3.40 -104.65 N | 27.73 2.30 -8.77 N | 24.73 2.65 -1.57 N | 39.45 0.85 -31.88 N | 52.76 -2.42 -75.76 N | 39.08 2.46 -18.92 N | 35.75 3.58 -10.54 N | 42.65 2.81 -22.17 N | 37.35 2.96 -15.93 N | 32.31 3.79 -3.69 N | 33.73 4.70 -1.15 N | 34.42 4.70 -1.98 N | 39.82 4.64 -8.12 N | 57.62 4.71 -25.91 N | 32.49 4.66 0.00 N | 31.94 4.52 0.00 N | 32.49 4.43 0.00 N | 41.86 5.56 -2.43 N | 52.78 7.72 -0.13 N | 37.44 5.41 0.00 N | 31.62 4.45 -1.58 N | 24.93 3.42 0.00 N | 16.60 2.16 0.00 N | 13.33 1.73 0.00 N |
| JARVIS____ 23743 | 22.22 0.15 0.03 N | 16.59 0.11 0.19 N | 20.60 0.12 0.03 N | 6.05 0.04 0.70 N | -22.37 -0.13 1.65 N | 17.41 0.12 0.41 N | 21.58 0.18 0.23 N | 17.33 0.14 0.48 N | 18.26 0.16 0.36 N | 24.98 0.22 0.06 N | 28.10 0.22 0.00 N | 27.95 0.21 0.00 N | 27.28 0.22 0.00 N | 27.21 0.22 0.00 N | 28.06 0.23 0.00 N | 27.64 0.22 0.00 N | 28.31 0.25 0.00 N | 34.12 0.30 0.06 N | 45.30 0.37 0.00 N | 32.29 0.26 0.00 N | 25.77 0.18 0.00 N | 21.65 0.15 0.00 N | 14.53 0.09 0.00 N | 11.68 0.08 0.00 N |
| JENNISON____1 23625 | 24.38 1.74 -0.54 N | 21.69 1.22 -3.80 N | 22.59 1.41 -0.68 N | 20.95 0.42 -13.82 N | 10.78 -1.46 -32.83 N | 27.21 1.32 -8.20 N | 28.25 2.05 -4.57 N | 29.02 1.73 -9.61 N | 27.29 1.91 -6.91 N | 28.60 2.56 -1.23 N | 30.69 2.80 0.00 N | 30.48 2.74 0.00 N | 29.78 2.72 0.00 N | 29.76 2.77 0.00 N | 30.73 2.90 0.00 N | 30.12 2.70 0.00 N | 30.13 2.06 0.00 N | 37.26 2.55 -0.83 N | 48.38 3.40 -0.04 N | 34.49 2.46 0.00 N | 27.45 1.86 0.00 N | 22.93 1.42 0.00 N | 15.34 0.90 0.00 N | 12.28 0.69 0.00 N |
| JENNISON____2 23626 | 24.34 1.71 -0.54 N | 21.66 1.19 -3.80 N | 22.56 1.37 -0.68 N | 20.93 0.41 -13.82 N | 10.82 -1.42 -32.83 N | 27.18 1.28 -8.20 N | 28.20 2.00 -4.57 N | 28.98 1.69 -9.61 N | 27.25 1.87 -6.91 N | 28.55 2.50 -1.23 N | 30.62 2.74 0.00 N | 30.42 2.68 0.00 N | 29.72 2.65 0.00 N | 29.70 2.71 0.00 N | 30.66 2.83 0.00 N | 30.07 2.64 0.00 N | 30.07 2.00 0.00 N | 37.18 2.48 -0.83 N | 48.27 3.29 -0.04 N | 34.41 2.38 0.00 N | 27.39 1.81 0.00 N | 22.88 1.38 0.00 N | 15.31 0.87 0.00 N | 12.26 0.66 0.00 N |
| KEDC_PORT_JEFF_GT2 24210 | 129.79 3.05 -104.65 N | 27.47 2.03 -8.77 N | 24.40 2.33 -1.57 N | 39.33 0.74 -31.88 N | 53.11 -2.06 -75.76 N | 38.74 2.13 -18.92 N | 35.28 3.11 -10.54 N | 42.20 2.36 -22.17 N | 36.86 2.46 -15.93 N | 31.62 3.10 -3.69 N | 32.99 3.95 -1.15 N | 33.69 3.97 -1.98 N | 39.12 3.93 -8.12 N | 56.89 3.98 -25.91 N | 31.71 3.88 0.00 N | 31.16 3.74 0.00 N | 31.68 3.61 0.00 N | 40.82 4.52 -2.43 N | 51.45 6.39 -0.13 N | 36.54 4.50 0.00 N | 30.99 3.82 -1.58 N | 24.42 2.91 0.00 N | 16.30 1.86 0.00 N | 13.11 1.52 0.00 N |
| KEDC_PORT_JEFF_GT3 24211 | 129.79 3.05 -104.65 N | 27.47 2.03 -8.77 N | 24.40 2.33 -1.57 N | 39.33 0.74 -31.88 N | 53.11 -2.06 -75.76 N | 38.74 2.13 -18.92 N | 35.28 3.11 -10.54 N | 42.20 2.36 -22.17 N | 36.86 2.46 -15.93 N | 31.62 3.10 -3.69 N | 32.99 3.95 -1.15 N | 33.69 3.97 -1.98 N | 39.12 3.93 -8.12 N | 56.89 3.98 -25.91 N | 31.71 3.88 0.00 N | 31.16 3.74 0.00 N | 31.68 3.61 0.00 N | 40.82 4.52 -2.43 N | 51.45 6.39 -0.13 N | 36.54 4.50 0.00 N | 30.99 3.82 -1.58 N | 24.42 2.91 0.00 N | 16.30 1.86 0.00 N | 13.11 1.52 0.00 N |
| KEDC_GLWD_GT4 24219 | 129.09 2.34 -104.65 N | 26.99 1.56 -8.77 N | 23.86 1.78 -1.57 N | 39.18 0.59 -31.88 N | 53.49 -1.69 -75.76 N | 38.34 1.72 -18.92 N | 34.66 2.49 -10.54 N | 41.98 2.14 -22.17 N | 36.73 2.34 -15.93 N | 31.61 3.10 -3.69 N | 32.73 3.70 -1.15 N | 33.43 3.72 -1.98 N | 38.81 3.63 -8.12 N | 56.56 3.65 -25.91 N | 31.56 3.73 0.00 N | 31.04 3.61 0.00 N | 31.62 3.55 0.00 N | 40.61 4.31 -2.43 N | 50.77 5.72 -0.13 N | 35.96 3.93 0.00 N | 30.42 3.25 -1.58 N | 24.08 2.57 0.00 N | 16.04 1.60 0.00 N | 12.83 1.24 0.00 N |
| KEDC_GLWD_GT5 24220 | 129.09 2.34 -104.65 N | 26.99 1.56 -8.77 N | 23.86 1.78 -1.57 N | 39.18 0.59 -31.88 N | 53.49 -1.69 -75.76 N | 38.34 1.72 -18.92 N | 34.66 2.49 -10.54 N | 41.98 2.14 -22.17 N | 36.73 2.34 -15.93 N | 31.61 3.10 -3.69 N | 32.73 3.70 -1.15 N | 33.43 3.72 -1.98 N | 38.81 3.63 -8.12 N | 56.56 3.65 -25.91 N | 31.56 3.73 0.00 N | 31.04 3.61 0.00 N | 31.62 3.55 0.00 N | 40.61 4.31 -2.43 N | 50.77 5.72 -0.13 N | 35.96 3.93 0.00 N | 30.42 3.25 -1.58 N | 24.08 2.57 0.00 N | 16.04 1.60 0.00 N | 12.83 1.24 0.00 N |
| KENSICO____ 23655 | 25.40 2.04 -1.26 N | 26.79 1.36 -8.76 N | 23.63 1.55 -1.57 N | 39.07 0.51 -31.85 N | 53.55 -1.54 -75.68 N | 38.12 1.53 -18.89 N | 34.36 2.20 -10.53 N | 41.74 1.92 -22.14 N | 36.50 2.12 -15.91 N | 30.30 2.89 -2.59 N | 31.05 3.30 0.13 N | 30.96 3.28 0.05 N | 30.23 3.20 0.04 N | 30.18 3.23 0.04 N | 31.16 3.33 0.00 N | 30.71 3.29 0.00 N | 31.29 3.22 0.00 N | 40.24 3.95 -2.42 N | 50.24 5.19 -0.13 N | 35.65 3.62 0.00 N | 28.46 2.88 0.00 N | 23.81 2.31 0.00 N | 15.89 1.45 0.00 N | 12.70 1.10 0.00 N |
| KIAC_JFK_GT1 23816 | 25.46 2.11 -1.26 N | 26.80 1.37 -8.77 N | 23.60 1.52 -1.57 N | 39.09 0.50 -31.88 N | 53.68 -1.49 -75.76 N | 38.13 1.52 -18.91 N | 34.43 2.26 -10.54 N | 41.89 2.04 -22.16 N | 36.64 2.25 -15.93 N | 36.53 3.07 -8.64 N | 34.37 3.43 -3.06 N | 32.48 3.48 -1.26 N | 31.29 3.35 -0.87 N | 31.30 3.28 -1.03 N | 31.16 3.34 0.00 N | 30.76 3.34 0.00 N | 31.30 3.24 0.00 N | 40.16 3.86 -2.42 N | 50.12 5.07 -0.13 N | 35.59 3.56 0.00 N | 28.45 2.86 0.00 N | 23.82 2.31 0.00 N | 15.90 1.46 0.00 N | 12.67 1.08 0.00 N |
| KIAC_JFK_GT2 23817 | 25.46 2.11 -1.26 N | 26.80 1.37 -8.77 N | 23.60 1.52 -1.57 N | 39.09 0.50 -31.88 N | 53.68 -1.49 -75.76 N | 38.13 1.52 -18.91 N | 34.43 2.26 -10.54 N | 41.89 2.04 -22.16 N | 36.64 2.25 -15.93 N | 36.53 3.07 -8.64 N | 34.37 3.43 -3.06 N | 32.48 3.48 -1.26 N | 31.29 3.35 -0.87 N | 31.30 3.28 -1.03 N | 31.16 3.34 0.00 N | 30.76 3.34 0.00 N | 31.30 3.24 0.00 N | 40.16 3.86 -2.42 N | 50.12 5.07 -0.13 N | 35.59 3.56 0.00 N | 28.45 2.86 0.00 N | 23.82 2.31 0.00 N | 15.90 1.46 0.00 N | 12.67 1.08 0.00 N |
| KINTIGH____ 23543 | 21.58 -0.70 -0.18 N | 17.37 -0.57 -1.27 N | 19.95 -0.78 -0.23 N | 11.10 -0.24 -4.64 N | -8.57 1.00 -11.01 N | 19.65 -0.80 -2.75 N | 22.25 -0.91 -1.53 N | 19.81 -1.09 -3.23 N | 19.75 -1.05 -2.33 N | 23.79 -1.45 -0.41 N | 26.14 -1.74 0.00 N | 25.95 -1.79 0.00 N | 25.45 -1.61 0.00 N | 25.41 -1.59 0.00 N | 26.25 -1.58 0.00 N | 25.91 -1.52 0.00 N | 26.30 -1.76 0.00 N | 31.42 -2.79 -0.32 N | 40.96 -3.99 -0.02 N | 29.58 -2.45 0.00 N | 24.04 -1.54 0.00 N | 20.32 -1.19 0.00 N | 13.98 -0.46 0.00 N | 11.36 -0.24 0.00 N |
| LEDERLE____ 23769 | 25.50 2.18 -1.22 N | 26.64 1.46 -8.52 N | 23.69 1.66 -1.53 N | 38.23 0.54 -30.98 N | 51.35 -1.67 -73.60 N | 37.72 1.65 -18.38 N | 34.24 2.37 -10.24 N | 41.27 2.06 -21.53 N | 36.20 2.26 -15.47 N | 30.51 3.09 -2.60 N | 31.29 3.49 0.08 N | 31.17 3.47 0.03 N | 30.43 3.39 0.02 N | 30.40 3.43 0.03 N | 31.37 3.54 0.00 N | 30.92 3.49 0.00 N | 31.48 3.42 0.00 N | 40.47 4.24 -2.35 N | 50.65 5.60 -0.12 N | 35.93 3.90 0.00 N | 28.68 3.10 0.00 N | 23.99 2.48 0.00 N | 16.01 1.57 0.00 N | 12.80 1.20 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 |
|---------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|---|
| LINDEN COGEN____ 23786 | 25.38 2.03 -1.26 N | 26.76 1.32 -8.77 N | 23.56 1.49 -1.57 N | 39.09 0.50 -31.88 N | 53.70 -1.47 -75.76 N | 38.12 1.50 -18.91 N | 34.37 2.20 -10.54 N | 41.81 1.97 -22.16 N | 36.61 2.22 -15.93 N | 36.50 3.04 -8.64 N | 34.40 3.46 -3.06 N | 32.44 3.45 -1.26 N | 31.30 3.37 -0.87 N | 31.40 3.38 -1.03 N | 31.27 3.44 0.00 N | 30.83 3.40 0.00 N | 31.41 3.34 0.00 N | 40.30 4.00 -2.42 N | 50.26 5.20 -0.13 N | 35.71 3.68 0.00 N | 28.59 3.01 0.00 N | 23.93 2.43 0.00 N | 15.97 1.53 0.00 N | 12.71 1.11 0.00 N | |
| LIPA_MISC_IPP 23656 | 129.52 2.78 -104.65 N | 27.29 1.86 -8.77 N | 24.20 2.12 -1.57 N | 39.28 0.69 -31.88 N | 53.31 -1.87 -75.76 N | 38.58 1.96 -18.92 N | 35.07 2.90 -10.54 N | 42.06 2.21 -22.17 N | 36.72 2.33 -15.93 N | 31.42 2.91 -3.69 N | 32.71 3.67 -1.15 N | 33.41 3.69 -1.98 N | 38.82 3.64 -8.12 N | 56.60 3.69 -25.91 N | 31.36 3.53 0.00 N | 30.82 3.39 0.00 N | 31.30 3.23 0.00 N | 40.42 4.12 -2.43 N | 51.13 6.07 -0.13 N | 36.29 4.26 0.00 N | 30.74 3.57 -1.58 N | 24.15 2.65 0.00 N | 16.10 1.66 0.00 N | 12.99 1.39 0.00 N | |
| LISF____SOLAR 323691 | 129.60 2.85 -104.65 N | 27.34 1.90 -8.77 N | 24.26 2.18 -1.57 N | 39.30 0.71 -31.88 N | 53.25 -1.93 -75.76 N | 38.63 2.02 -18.92 N | 35.15 2.98 -10.54 N | 42.12 2.27 -22.17 N | 36.78 2.39 -15.93 N | 31.50 2.98 -3.69 N | 32.80 3.76 -1.15 N | 33.50 3.78 -1.98 N | 38.91 3.72 -8.12 N | 56.69 3.78 -25.91 N | 31.43 3.61 0.00 N | 30.90 3.48 0.00 N | 31.40 3.33 0.00 N | 40.56 4.26 -2.43 N | 51.34 6.28 -0.13 N | 36.42 4.38 0.00 N | 30.83 3.66 -1.58 N | 24.22 2.72 0.00 N | 16.15 1.71 0.00 N | 13.02 1.42 0.00 N | |
| LITTLE FALLS____HYD 24013 | 23.66 1.59 0.03 N | 17.67 1.19 0.19 N | 21.87 1.39 0.03 N | 6.46 0.45 0.70 N | -23.67 -1.43 1.65 N | 18.56 1.28 0.41 N | 23.14 1.74 0.23 N | 18.55 1.35 0.48 N | 19.59 1.49 0.36 N | 26.77 2.01 0.06 N | 29.85 1.97 0.00 N | 29.65 1.91 0.00 N | 28.89 1.83 0.00 N | 28.82 1.83 0.00 N | 29.75 1.92 0.00 N | 29.48 2.06 0.00 N | 30.12 2.06 0.00 N | 36.48 2.66 0.06 N | 48.35 3.42 0.00 N | 34.48 2.45 0.00 N | 27.33 1.75 0.00 N | 22.83 1.32 0.00 N | 15.15 0.71 0.00 N | 12.20 0.60 0.00 N | |
| LI_NEWBRDGE____DRP 323616 | 129.10 2.36 -104.65 N | 27.00 1.56 -8.77 N | 23.85 1.78 -1.57 N | 39.18 0.58 -31.88 N | 53.56 -1.62 -75.76 N | 38.29 1.68 -18.92 N | 34.63 2.46 -10.54 N | 41.94 2.09 -22.17 N | 36.63 2.24 -15.93 N | 31.39 2.87 -3.69 N | 32.57 3.53 -1.15 N | 33.27 3.56 -1.98 N | 38.66 3.47 -8.12 N | 56.42 3.51 -25.91 N | 31.40 3.57 0.00 N | 30.88 3.46 0.00 N | 31.36 3.30 0.00 N | 40.23 3.93 -2.43 N | 50.38 5.32 -0.13 N | 35.81 3.78 0.00 N | 30.28 3.11 -1.58 N | 23.92 2.41 0.00 N | 15.96 1.52 0.00 N | 12.81 1.21 0.00 N | |
| LONG_LAKE_PHOENIX 24014 | 22.19 0.02 -0.07 N | 17.18 -0.01 -0.51 N | 20.55 -0.05 -0.09 N | 8.56 -0.02 -1.87 N | -16.13 0.01 -4.45 N | 18.88 0.08 -1.11 N | 22.53 0.28 -0.62 N | 19.21 0.23 -1.30 N | 19.65 0.24 -0.94 N | 25.35 0.36 -0.17 N | 28.21 0.33 0.00 N | 28.00 0.26 0.00 N | 27.27 0.21 0.00 N | 27.25 0.26 0.00 N | 28.07 0.24 0.00 N | 27.68 0.26 0.00 N | 28.70 0.64 0.00 N | 34.84 0.77 -0.20 N | 45.70 0.76 -0.01 N | 32.67 0.64 0.00 N | 26.01 0.43 0.00 N | 21.77 0.27 0.00 N | 14.66 0.22 0.00 N | 11.76 0.16 0.00 N | |
| LOVETT____3 23632 | 24.95 1.63 -1.23 N | 26.26 1.05 -8.55 N | 23.20 1.16 -1.53 N | 38.17 0.38 -31.08 N | 52.09 -1.17 -73.85 N | 37.34 1.21 -18.44 N | 33.70 1.80 -10.27 N | 40.88 1.60 -21.60 N | 35.74 1.76 -15.52 N | 29.83 2.40 -2.60 N | 30.53 2.73 0.09 N | 30.40 2.70 0.03 N | 29.67 2.64 0.02 N | 29.64 2.67 0.03 N | 30.59 2.76 0.00 N | 30.13 2.71 0.00 N | 30.69 2.63 0.00 N | 39.50 3.27 -2.36 N | 49.37 4.32 -0.12 N | 35.04 3.01 0.00 N | 27.97 2.39 0.00 N | 23.40 1.90 0.00 N | 15.62 1.18 0.00 N | 12.49 0.89 0.00 N | |
| LOVETT____4 23642 | 25.26 1.94 -1.23 N | 26.50 1.28 -8.55 N | 23.48 1.44 -1.53 N | 38.28 0.47 -31.10 N | 51.85 -1.45 -73.88 N | 37.60 1.46 -18.45 N | 34.02 2.12 -10.28 N | 41.15 1.85 -21.61 N | 36.03 2.03 -15.53 N | 30.20 2.78 -2.60 N | 30.95 3.15 0.09 N | 30.82 3.12 0.03 N | 30.09 3.05 0.02 N | 30.05 3.08 0.03 N | 31.01 3.18 0.00 N | 30.56 3.14 0.00 N | 31.13 3.07 0.00 N | 40.03 3.80 -2.36 N | 50.06 5.01 -0.12 N | 35.52 3.49 0.00 N | 28.36 2.77 0.00 N | 23.72 2.22 0.00 N | 15.84 1.40 0.00 N | 12.66 1.06 0.00 N | |
| LOVETT____5 23593 | 25.26 1.94 -1.23 N | 26.50 1.28 -8.55 N | 23.48 1.44 -1.53 N | 38.28 0.47 -31.10 N | 51.85 -1.45 -73.88 N | 37.60 1.46 -18.45 N | 34.02 2.12 -10.28 N | 41.15 1.85 -21.61 N | 36.03 2.03 -15.53 N | 30.20 2.78 -2.60 N | 30.95 3.15 0.09 N | 30.82 3.12 0.03 N | 30.09 3.05 0.02 N | 30.05 3.08 0.03 N | 31.01 3.18 0.00 N | 30.56 3.14 0.00 N | 31.13 3.07 0.00 N | 40.03 3.80 -2.36 N | 50.06 5.01 -0.12 N | 35.52 3.49 0.00 N | 28.36 2.77 0.00 N | 23.72 2.22 0.00 N | 15.84 1.40 0.00 N | 12.66 1.06 0.00 N | |
| LOWER RAQUET____HYD 24057 | 21.63 -0.47 0.00 N | 16.26 -0.41 0.00 N | 20.08 -0.43 0.00 N | 6.56 -0.15 0.00 N | -19.31 0.53 -0.75 N | 24.75 -0.54 -7.59 N | 28.76 -1.04 -8.17 N | 23.81 -0.82 -6.96 N | 24.85 -1.33 -7.72 N | 31.69 -1.84 -8.71 N | 35.24 -1.85 -9.21 N | 33.97 -1.48 -7.71 N | 27.13 -1.44 -1.51 N | 30.08 -1.47 -4.55 N | 34.58 -1.63 -8.38 N | 34.71 -1.75 -9.04 N | 35.04 -2.15 -9.12 N | 41.35 -2.56 -10.03 N | 43.59 -3.01 -1.68 N | 29.97 -2.06 0.00 N | 24.01 -1.57 0.00 N | 20.57 -0.93 0.00 N | 13.88 -0.56 0.00 N | 18.66 -0.47 -7.53 N | |
| LOWER____HUDSON 24059 | 25.59 1.89 -1.61 N | 29.29 1.43 -11.20 N | 24.26 1.75 -2.01 N | 48.02 0.59 -40.72 N | 74.46 -1.71 -96.76 N | 43.38 1.52 -24.16 N | 36.93 1.84 -13.46 N | 47.57 1.54 -28.36 N | 40.45 1.60 -20.38 N | 30.62 2.17 -3.63 N | 30.31 2.43 0.00 N | 30.08 2.34 0.00 N | 29.28 2.22 0.00 N | 29.21 2.21 0.00 N | 30.21 2.38 0.00 N | 29.80 2.38 0.00 N | 30.47 2.40 0.00 N | 40.10 3.09 -3.14 N | 49.15 4.06 -0.16 N | 34.76 2.73 0.00 N | 27.53 1.94 0.00 N | 23.09 1.59 0.00 N | 15.42 0.98 0.00 N | 12.42 0.82 0.00 N | |
| LWR____OSWEGATCHIE_HYD 23850 | 22.06 -0.04 0.00 N | 16.59 -0.08 0.00 N | 20.43 -0.08 0.00 N | 6.68 -0.03 0.00 N | -19.95 0.13 -0.51 N | 22.69 -0.14 -5.13 N | 26.74 -0.42 -5.53 N | 22.08 -0.31 -4.71 N | 23.18 -0.59 -5.30 N | 30.01 -0.80 -5.98 N | 33.62 -0.60 -6.33 N | 32.67 -0.37 -5.30 N | 27.73 -0.38 -1.04 N | 29.74 -0.38 -3.13 N | 32.99 -0.53 -5.70 N | 32.91 -0.64 -6.12 N | 33.27 -0.97 -6.17 N | 39.52 -1.15 -6.79 N | 44.75 -1.31 -1.14 N | 31.14 -0.89 0.00 N | 24.89 -0.69 0.00 N | 21.11 -0.39 0.00 N | 14.17 -0.27 0.00 N | 16.40 -0.29 -5.10 N | |
| LYONS_FALL_HYD 23570 | 22.47 0.37 0.00 N | 16.92 0.25 0.00 N | 20.78 0.27 0.00 N | 6.79 0.08 0.00 N | -20.75 -0.30 -0.14 N | 19.42 0.29 -1.44 N | 23.61 0.44 -1.55 N | 19.41 0.39 -1.34 N | 20.58 0.38 -1.74 N | 27.31 0.52 -1.96 N | 30.63 0.67 -2.07 N | 30.19 0.71 -1.74 N | 28.08 0.67 -0.34 N | 28.72 0.70 -1.03 N | 30.10 0.60 -1.67 N | 29.68 0.55 -1.71 N | 30.27 0.48 -1.73 N | 36.36 0.58 -1.90 N | 46.00 0.75 -0.32 N | 32.58 0.54 0.00 N | 25.97 0.39 0.00 N | 21.80 0.29 0.00 N | 14.60 0.16 0.00 N | 13.10 0.08 -1.42 N | |
| MADISON____COUNTY_LFGE | 22.69 | 17.35 | 20.97 | 7.90 | -18.49 | 18.79 | 22.72 | 19.06 | 19.73 | 25.86 | 28.91 | 28.75 | 28.04 | 27.99 | 28.84 | 28.39 | 28.91 | 34.95 | 46.18 | 32.92 | 26.26 | 22.00 | 14.76 | 11.83 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|
| 323628 | 0.55 -0.04 N | 0.38 -0.30 N | 0.41 -0.05 N | 0.10 -1.09 N | -0.51 -2.60 N | 0.44 -0.65 N | 0.73 -0.36 N | 0.62 -0.76 N | 0.68 -0.58 N | 0.93 -0.10 N | 1.03 0.00 N | 1.01 0.00 N | 0.97 0.00 N | 1.00 0.00 N | 1.01 0.00 N | 0.97 0.00 N | 0.85 0.00 N | 1.00 -0.07 N | 1.25 0.00 N | 0.90 0.00 N | 0.68 0.00 N | 0.50 0.00 N | 0.32 0.00 N | 0.23 0.00 N |
| MAPLE_RIDGE_WT_1 323574 | 21.34 -0.68 0.07 N | 15.63 -0.57 0.47 N | 19.75 -0.68 0.08 N | 4.78 -0.22 1.70 N | -24.01 0.62 4.05 N | 16.17 -0.52 1.01 N | 20.37 -0.70 0.56 N | 15.90 -0.60 1.18 N | 16.98 -0.63 0.85 N | 23.83 -0.84 0.15 N | 26.90 -0.98 0.00 N | 26.74 -1.01 0.00 N | 26.07 -0.99 0.00 N | 26.03 -0.97 0.00 N | 26.89 -0.94 0.00 N | 26.43 -1.00 0.00 N | 27.04 -1.03 0.00 N | 32.44 -1.30 0.14 N | 43.26 -1.67 0.01 N | 30.90 -1.13 0.00 N | 24.67 -0.91 0.00 N | 20.77 -0.73 0.00 N | 13.96 -0.48 0.00 N | 11.22 -0.38 0.00 N |
| MAPLE_RIDGE_WT_2 323611 | 21.34 -0.68 0.07 N | 15.63 -0.57 0.47 N | 19.75 -0.68 0.08 N | 4.78 -0.22 1.70 N | -24.01 0.62 4.05 N | 16.17 -0.52 1.01 N | 20.37 -0.70 0.56 N | 15.90 -0.60 1.18 N | 16.98 -0.63 0.85 N | 23.83 -0.84 0.15 N | 26.90 -0.98 0.00 N | 26.74 -1.01 0.00 N | 26.07 -0.99 0.00 N | 26.03 -0.97 0.00 N | 26.89 -0.94 0.00 N | 26.43 -1.00 0.00 N | 27.04 -1.03 0.00 N | 32.44 -1.30 0.14 N | 43.26 -1.67 0.01 N | 30.90 -1.13 0.00 N | 24.67 -0.91 0.00 N | 20.77 -0.73 0.00 N | 13.96 -0.48 0.00 N | 11.22 -0.38 0.00 N |
| MARBLE_RIVER_WT_PWR 323696 | 20.93 -1.16 0.00 N | 15.69 -0.98 0.00 N | 19.42 -1.09 0.00 N | 6.32 -0.39 0.00 N | -23.96 1.06 4.43 N | -28.00 -1.04 44.66 N | -28.00 -1.54 48.09 N | -24.46 -1.23 40.91 N | -28.00 -1.52 44.95 N | -28.00 -2.11 50.72 N | -28.00 -2.24 53.64 N | -19.26 -2.09 44.92 N | 16.26 -1.99 8.82 N | -1.54 -2.03 26.50 N | -23.54 -2.17 49.20 N | -28.00 -2.23 53.20 N | -28.00 -2.40 53.67 N | -28.00 -2.89 58.99 N | 32.62 -2.44 9.88 N | 30.66 -1.37 0.00 N | 24.58 -1.01 0.00 N | 20.92 -0.58 0.00 N | 13.74 -0.71 0.00 N | -33.45 -0.75 44.30 N |
| MG INDUSTRY___DRP 24185 | 24.72 1.06 -1.56 N | 28.41 0.85 -10.90 N | 23.49 1.03 -1.95 N | 46.68 0.35 -39.62 N | 72.56 -1.00 -94.15 N | 42.07 0.87 -23.51 N | 35.84 1.11 -13.10 N | 46.12 0.84 -27.60 N | 39.20 0.90 -19.83 N | 29.59 1.24 -3.53 N | 29.35 1.46 0.00 N | 29.18 1.44 0.00 N | 28.46 1.39 0.00 N | 28.40 1.40 0.00 N | 29.31 1.48 0.00 N | 28.87 1.45 0.00 N | 29.34 1.27 0.00 N | 38.54 1.61 -3.05 N | 47.19 2.10 -0.16 N | 33.45 1.42 0.00 N | 26.66 1.07 0.00 N | 22.36 0.86 0.00 N | 14.98 0.54 0.00 N | 12.07 0.48 0.00 N |
| MID___OSWEGATCHIE_HYD 23849 | 22.06 -0.04 0.00 N | 16.59 -0.08 0.00 N | 20.43 -0.08 0.00 N | 6.68 -0.03 0.00 N | -19.95 0.13 -0.51 N | 22.69 -0.14 -5.13 N | 26.74 -0.42 -5.53 N | 22.08 -0.31 -4.71 N | 23.18 -0.59 -5.30 N | 30.01 -0.80 -5.98 N | 33.62 -0.60 -6.33 N | 32.67 -0.37 -5.30 N | 27.73 -0.38 -1.04 N | 29.74 -0.38 -3.13 N | 32.99 -0.53 -5.70 N | 32.91 -0.64 -6.12 N | 33.27 -0.97 -6.17 N | 39.52 -1.15 -6.79 N | 44.75 -1.31 -1.14 N | 31.14 -0.89 0.00 N | 24.89 -0.69 0.00 N | 21.11 -0.39 0.00 N | 14.17 -0.27 0.00 N | 16.40 -0.29 -5.10 N |
| MID___RAQUETTE_HYD 23851 | 21.63 -0.47 0.00 N | 16.26 -0.41 0.00 N | 20.08 -0.43 0.00 N | 6.56 -0.15 0.00 N | -19.31 0.53 -0.75 N | 24.75 -0.54 -7.59 N | 28.76 -1.04 -8.17 N | 23.81 -0.82 -6.96 N | 24.85 -1.33 -7.72 N | 31.69 -1.84 -8.71 N | 35.24 -1.85 -9.21 N | 33.97 -1.48 -7.71 N | 27.13 -1.44 -1.51 N | 30.08 -1.47 -4.55 N | 34.58 -1.63 -8.38 N | 34.71 -1.75 -9.04 N | 35.04 -2.15 -9.12 N | 41.35 -2.56 -10.03 N | 43.59 -3.01 -1.68 N | 29.97 -2.06 0.00 N | 24.01 -1.57 0.00 N | 20.57 -0.93 0.00 N | 13.88 -0.56 0.00 N | 18.66 -0.47 -7.53 N |
| MILLIKEN___1 23584 | 23.02 0.57 -0.35 N | 19.46 0.36 -2.44 N | 21.29 0.34 -0.44 N | 15.65 0.08 -8.86 N | 0.15 -0.32 -21.06 N | 23.30 0.35 -5.26 N | 25.35 0.79 -2.93 N | 24.49 0.65 -6.16 N | 23.68 0.78 -4.44 N | 26.67 1.06 -0.79 N | 29.03 1.15 0.00 N | 28.85 1.11 0.00 N | 28.19 1.13 0.00 N | 28.15 1.16 0.00 N | 29.05 1.22 0.00 N | 28.42 1.00 0.00 N | 28.12 0.05 0.00 N | 33.86 -0.45 -0.43 N | 44.00 -0.95 -0.02 N | 31.78 -0.25 0.00 N | 25.61 0.02 0.00 N | 21.45 -0.06 0.00 N | 14.42 -0.02 0.00 N | 11.57 -0.03 0.00 N |
| MILLIKEN___2 23585 | 23.02 0.57 -0.35 N | 19.46 0.36 -2.44 N | 21.29 0.34 -0.44 N | 15.65 0.08 -8.86 N | 0.15 -0.32 -21.06 N | 23.30 0.35 -5.26 N | 25.35 0.79 -2.93 N | 24.49 0.65 -6.16 N | 23.68 0.78 -4.44 N | 26.67 1.06 -0.79 N | 29.03 1.15 0.00 N | 28.85 1.11 0.00 N | 28.19 1.13 0.00 N | 28.15 1.16 0.00 N | 29.05 1.22 0.00 N | 28.42 1.00 0.00 N | 28.12 0.05 0.00 N | 33.86 -0.45 -0.43 N | 44.00 -0.95 -0.02 N | 31.78 -0.25 0.00 N | 25.61 0.02 0.00 N | 21.45 -0.06 0.00 N | 14.42 -0.02 0.00 N | 11.57 -0.03 0.00 N |
| MILLIKEN___DIESEL 23629 | 23.02 0.57 -0.35 N | 19.46 0.36 -2.44 N | 21.29 0.34 -0.44 N | 15.65 0.08 -8.86 N | 0.15 -0.32 -21.06 N | 23.30 0.35 -5.26 N | 25.35 0.79 -2.93 N | 24.49 0.65 -6.16 N | 23.68 0.78 -4.44 N | 26.67 1.06 -0.79 N | 29.03 1.15 0.00 N | 28.85 1.11 0.00 N | 28.19 1.13 0.00 N | 28.15 1.16 0.00 N | 29.05 1.22 0.00 N | 28.42 1.00 0.00 N | 28.12 0.05 0.00 N | 33.86 -0.45 -0.43 N | 44.00 -0.95 -0.02 N | 31.78 -0.25 0.00 N | 25.61 0.02 0.00 N | 21.45 -0.06 0.00 N | 14.42 -0.02 0.00 N | 11.57 -0.03 0.00 N |
| MILLSEAT___LFGE 323607 | 22.05 -0.25 -0.20 N | 17.82 -0.26 -1.41 N | 20.32 -0.44 -0.25 N | 11.73 -0.13 -5.15 N | -7.69 0.65 -12.25 N | 20.28 -0.48 -3.06 N | 22.83 -0.51 -1.70 N | 20.42 -0.84 -3.59 N | 20.28 -0.81 -2.63 N | 24.09 -1.20 -0.47 N | 26.42 -1.47 0.00 N | 26.26 -1.48 0.00 N | 25.77 -1.29 0.00 N | 25.70 -1.29 0.00 N | 26.54 -1.28 0.00 N | 26.19 -1.24 0.00 N | 26.56 -1.51 0.00 N | 31.95 -2.28 -0.35 N | 41.81 -3.14 -0.02 N | 30.10 -1.93 0.00 N | 24.32 -1.27 0.00 N | 20.55 -0.96 0.00 N | 14.23 -0.21 0.00 N | 11.59 0.00 0.00 N |
| MODEL_CITY_ENERGY 24167 | 21.69 -0.63 -0.22 N | 17.66 -0.52 -1.51 N | 20.04 -0.74 -0.27 N | 12.00 -0.22 -5.52 N | -6.50 0.97 -13.12 N | 20.17 -0.80 -3.27 N | 22.42 -1.03 -1.83 N | 20.15 -1.37 -3.84 N | 19.90 -1.37 -2.81 N | 23.32 -2.01 -0.50 N | 25.51 -2.37 0.00 N | 25.36 -2.39 0.00 N | 24.91 -2.15 0.00 N | 24.86 -2.14 0.00 N | 25.68 -2.15 0.00 N | 25.33 -2.09 0.00 N | 25.64 -2.43 0.00 N | 30.79 -3.46 -0.37 N | 40.23 -4.72 -0.02 N | 29.01 -3.02 0.00 N | 23.49 -2.09 0.00 N | 19.92 -1.59 0.00 N | 13.91 -0.53 0.00 N | 11.38 -0.22 0.00 N |
| MODERN_LFGE___ 323580 | 21.69 -0.63 -0.22 N | 17.66 -0.52 -1.51 N | 20.04 -0.74 -0.27 N | 12.00 -0.22 -5.52 N | -6.50 0.97 -13.12 N | 20.17 -0.80 -3.27 N | 22.42 -1.03 -1.83 N | 20.15 -1.37 -3.84 N | 19.90 -1.37 -2.81 N | 23.32 -2.01 -0.50 N | 25.51 -2.37 0.00 N | 25.36 -2.39 0.00 N | 24.91 -2.15 0.00 N | 24.86 -2.14 0.00 N | 25.68 -2.15 0.00 N | 25.33 -2.09 0.00 N | 25.64 -2.43 0.00 N | 30.79 -3.46 -0.37 N | 40.23 -4.72 -0.02 N | 29.01 -3.02 0.00 N | 23.49 -2.09 0.00 N | 19.92 -1.59 0.00 N | 13.91 -0.53 0.00 N | 11.38 -0.22 0.00 N |
| MOHAWK_PAPER___DRP 24187 | 25.34 1.65 -1.60 N | 29.10 1.28 -11.16 N | 24.08 1.57 -2.00 N | 47.80 0.52 -40.57 N | 74.29 -1.53 -96.41 N | 43.11 1.34 -24.07 N | 36.66 1.62 -13.41 N | 47.14 1.20 -28.26 N | 40.05 1.28 -20.31 N | 30.18 1.74 -3.61 N | 29.76 1.88 0.00 N | 29.59 1.85 0.00 N | 28.84 1.78 0.00 N | 28.77 1.78 0.00 N | 29.73 1.91 0.00 N | 29.33 1.90 0.00 N | 29.94 1.88 0.00 N | 39.40 2.39 -3.12 N | 48.22 3.13 -0.16 N | 34.15 2.12 0.00 N | 27.16 1.57 0.00 N | 22.79 1.28 0.00 N | 15.26 0.82 0.00 N | 12.32 0.72 0.00 N |

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| MONGAUP___HYD 23641 | 25.34 2.10 -1.15 N | 26.17 1.46 -8.04 N | 23.66 1.71 -1.44 N | 36.49 0.56 -29.22 N | 47.12 -1.73 -69.43 N | 36.66 1.63 -17.33 N | 33.58 2.29 -9.66 N | 39.93 1.95 -20.31 N | 35.17 2.11 -14.59 N | 30.21 2.86 -2.52 N | 31.06 3.22 0.04 N | 30.92 3.19 0.02 N | 30.17 3.12 0.01 N | 29.96 2.98 0.01 N | 30.93 3.10 0.00 N | 30.42 3.00 0.00 N | 31.03 2.97 0.00 N | 39.81 3.72 -2.21 N | 49.88 4.84 -0.11 N | 35.39 3.36 0.00 N | 28.21 2.63 0.00 N | 23.64 2.13 0.00 N | 15.78 1.34 0.00 N | 12.70 1.10 0.00 N |
| MONTAUK___DIESEL 23721 | 132.22 5.47 -104.65 N | 29.08 3.65 -8.77 N | 26.34 4.26 -1.57 N | 39.97 1.38 -31.88 N | 51.12 -4.05 -75.76 N | 40.57 3.95 -18.92 N | 37.78 5.61 -10.54 N | 44.39 4.55 -22.17 N | 39.26 4.87 -15.93 N | 34.93 6.41 -3.69 N | 36.63 7.60 -1.15 N | 37.25 7.53 -1.98 N | 42.54 7.35 -8.12 N | 60.30 7.39 -25.91 N | 35.20 7.37 0.00 N | 34.83 7.41 0.00 N | 35.62 7.56 0.00 N | 46.20 9.90 -2.43 N | 58.75 13.69 -0.13 N | 41.26 9.23 0.00 N | 34.51 7.35 -1.58 N | 27.15 5.64 0.00 N | 17.96 3.52 0.00 N | 14.32 2.73 0.00 N |
| MUNSVILLE_WIND_PWR 323609 | 24.25 1.65 -0.50 N | 21.27 1.12 -3.48 N | 22.46 1.33 -0.62 N | 19.73 0.36 -12.66 N | 8.09 -1.40 -30.08 N | 26.47 1.26 -7.51 N | 27.93 2.11 -4.18 N | 28.33 1.85 -8.81 N | 26.82 2.02 -6.34 N | 28.56 2.61 -1.13 N | 30.70 2.81 0.00 N | 30.47 2.73 0.00 N | 29.77 2.71 0.00 N | 29.79 2.79 0.00 N | 30.81 2.98 0.00 N | 30.06 2.64 0.00 N | 29.97 1.90 0.00 N | 37.23 2.63 -0.71 N | 48.82 3.85 -0.04 N | 34.81 2.77 0.00 N | 27.57 1.99 0.00 N | 22.92 1.41 0.00 N | 15.28 0.83 0.00 N | 12.16 0.56 0.00 N |
| N SALMON___HYD 24042 | 21.48 -0.62 0.00 N | 16.10 -0.57 0.00 N | 19.91 -0.60 0.00 N | 6.49 -0.22 0.00 N | -16.83 0.60 -3.16 N | 48.94 -0.63 -31.87 N | 54.92 -1.03 -34.32 N | 46.09 -0.79 -29.21 N | 49.53 -1.11 -32.17 N | 59.54 -1.58 -36.30 N | 64.60 -1.68 -38.39 N | 58.40 -1.49 -32.15 N | 31.98 -1.40 -6.31 N | 44.50 -1.46 -18.97 N | 61.45 -1.53 -35.14 N | 63.74 -1.66 -37.97 N | 64.50 -1.90 -38.33 N | 73.74 -2.26 -42.13 N | 50.09 -1.89 -7.05 N | 30.95 -1.08 0.00 N | 24.80 -0.79 0.00 N | 21.11 -0.40 0.00 N | 13.97 -0.47 0.00 N | 42.70 -0.53 -31.63 N |
| N.E_GEN_SANDY PD 24062 | 29.93 1.88 -7.34 N | 28.36 1.38 -10.31 N | 24.01 1.66 -1.85 N | 44.76 0.56 -37.49 N | 66.87 -1.63 -89.08 N | 41.42 1.48 -22.24 N | 35.88 1.86 -12.39 N | 56.51 1.43 -38.46 N | 38.94 1.74 -18.74 N | 34.90 2.22 -9.09 N | 42.89 2.18 -17.23 N | 30.05 2.36 -1.51 N | 29.46 2.40 0.00 N | 29.39 2.40 0.00 N | 30.40 2.57 0.00 N | 28.54 2.45 -0.11 N | 30.59 2.52 0.00 N | 39.92 3.17 -2.88 N | 49.27 4.19 -0.15 N | 38.40 3.20 -0.83 N | 27.73 2.15 0.00 N | 23.20 1.69 0.00 N | 15.51 1.07 0.00 N | 12.50 0.90 0.00 N |
| NARROWS_GT1_1 24228 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| NARROWS_GT1_2 24229 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| NARROWS_GT1_3 24230 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| NARROWS_GT1_4 24231 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| NARROWS_GT1_5 24232 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| NARROWS_GT1_6 24233 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| NARROWS_GT1_7 24234 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| NARROWS_GT1_8 24235 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N |
| NARROWS_GT2_1 24236 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 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 |
| NARROWS_GT2_2 24237 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N | |
| NARROWS_GT2_3 24238 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N | |
| NARROWS_GT2_4 24239 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N | |
| NARROWS_GT2_5 24240 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N | |
| NARROWS_GT2_6 24241 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N | |
| NARROWS_GT2_7 24242 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N | |
| NARROWS_GT2_8 24243 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N | |
| NEG CAPITAL___MECHNVIL 23645 | 25.84 2.10 -1.64 N | 29.67 1.57 -11.43 N | 24.47 1.92 -2.05 N | 48.89 0.64 -41.54 N | 76.23 -1.89 -98.71 N | 44.06 1.71 -24.64 N | 37.53 2.17 -13.73 N | 48.45 1.84 -28.93 N | 41.18 1.93 -20.79 N | 31.01 2.48 -3.70 N | 30.58 2.69 0.00 N | 30.26 2.52 0.00 N | 29.45 2.39 0.00 N | 29.36 2.37 0.00 N | 30.36 2.53 0.00 N | 29.96 2.54 0.00 N | 30.68 2.62 0.00 N | 40.50 3.42 -3.20 N | 49.56 4.46 -0.17 N | 35.04 3.00 0.00 N | 27.74 2.15 0.00 N | 23.22 1.72 0.00 N | 15.48 1.04 0.00 N | 12.43 0.83 0.00 N | |
| NEG CENTRAL_HIGH_ACRES 23767 | 21.49 -0.75 -0.15 N | 17.10 -0.61 -1.04 N | 19.89 -0.81 -0.19 N | 10.23 -0.26 -3.79 N | -10.66 0.93 -8.99 N | 19.23 -0.72 -2.25 N | 22.16 -0.71 -1.25 N | 19.59 -0.73 -2.63 N | 19.65 -0.70 -1.89 N | 24.20 -0.95 -0.33 N | 26.75 -1.13 0.00 N | 26.58 -1.17 0.00 N | 25.98 -1.09 0.00 N | 25.91 -1.08 0.00 N | 26.75 -1.08 0.00 N | 26.42 -1.00 0.00 N | 27.04 -1.03 0.00 N | 32.64 -1.53 -0.28 N | 42.75 -2.19 -0.02 N | 30.65 -1.39 0.00 N | 24.64 -0.95 0.00 N | 20.71 -0.79 0.00 N | 14.06 -0.39 0.00 N | 11.32 -0.27 0.00 N | |
| NEG CENTRAL___DRP 24199 | 22.33 0.07 -0.16 N | 17.79 -0.01 -1.14 N | 20.62 -0.08 -0.20 N | 10.79 -0.04 -4.13 N | -10.65 0.13 -9.80 N | 20.12 -0.03 -2.45 N | 23.19 0.20 -1.36 N | 20.65 0.10 -2.87 N | 20.72 0.19 -2.07 N | 25.45 0.26 -0.37 N | 28.14 0.26 0.00 N | 27.98 0.24 0.00 N | 27.34 0.27 0.00 N | 27.28 0.29 0.00 N | 28.13 0.30 0.00 N | 27.73 0.31 0.00 N | 28.30 0.23 0.00 N | 34.28 0.10 -0.31 N | 44.90 -0.04 -0.02 N | 32.11 0.08 0.00 N | 25.70 0.12 0.00 N | 21.56 0.05 0.00 N | 14.54 0.10 0.00 N | 11.69 0.09 0.00 N | |
| NEG CENTRAL___INDECK 23768 | 22.90 0.54 -0.26 N | 18.74 0.25 -1.82 N | 21.01 0.17 -0.33 N | 13.38 0.05 -6.62 N | -4.92 -0.08 -15.74 N | 21.85 0.22 -3.93 N | 24.42 0.61 -2.19 N | 22.62 0.33 -4.61 N | 22.28 0.50 -3.32 N | 26.05 0.64 -0.59 N | 28.54 0.66 0.00 N | 28.38 0.63 0.00 N | 27.80 0.74 0.00 N | 27.72 0.72 0.00 N | 28.57 0.74 0.00 N | 28.13 0.70 0.00 N | 28.53 0.47 0.00 N | 34.64 0.34 -0.42 N | 45.23 0.28 -0.02 N | 32.42 0.39 0.00 N | 26.00 0.42 0.00 N | 21.84 0.34 0.00 N | 14.84 0.40 0.00 N | 11.96 0.36 0.00 N | |
| NEG CENTRAL___SENECA 23627 | 22.66 0.37 -0.20 N | 18.23 0.18 -1.39 N | 20.88 0.13 -0.25 N | 11.79 0.03 -5.05 N | -8.67 -0.09 -12.01 N | 20.87 0.17 -3.00 N | 23.82 0.52 -1.67 N | 21.54 0.34 -3.52 N | 21.47 0.47 -2.53 N | 25.89 0.62 -0.45 N | 28.54 0.66 0.00 N | 28.38 0.64 0.00 N | 27.74 0.68 0.00 N | 27.70 0.71 0.00 N | 28.59 0.76 0.00 N | 28.14 0.71 0.00 N | 28.53 0.46 0.00 N | 34.56 0.34 -0.34 N | 45.20 0.25 -0.02 N | 32.34 0.31 0.00 N | 25.89 0.30 0.00 N | 21.73 0.22 0.00 N | 14.67 0.23 0.00 N | 11.80 0.21 0.00 N | |
| NEG CENTRAL___STATE_STREET 24147 | 22.92 0.65 -0.17 N | 18.28 0.41 -1.20 N | 21.16 0.44 -0.21 N | 11.18 0.12 -4.35 N | -10.55 -0.31 -10.34 N | 20.64 0.36 -2.58 N | 23.83 0.76 -1.44 N | 21.29 0.59 -3.03 N | 21.33 0.69 -2.18 N | 26.15 0.94 -0.39 N | 28.90 1.02 0.00 N | 28.71 0.97 0.00 N | 28.05 0.98 0.00 N | 27.99 0.99 0.00 N | 28.87 1.04 0.00 N | 28.40 0.98 0.00 N | 28.81 0.74 0.00 N | 34.83 0.65 -0.30 N | 45.57 0.62 -0.02 N | 32.68 0.64 0.00 N | 26.20 0.61 0.00 N | 21.94 0.44 0.00 N | 14.76 0.32 0.00 N | 11.85 0.25 0.00 N | |
| NEG MILLWOOD___DRP | 25.65 | 27.20 | 23.90 | 39.97 | 55.28 | 38.80 | 34.88 | 42.51 | 37.10 | 30.89 | 31.45 | 31.28 | 30.52 | 30.47 | 31.43 | 30.98 | 31.58 | 40.71 | 50.78 | 36.02 | 28.74 | 24.02 | 16.02 | 12.80 | |

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| 24198 | 2.26 -1.29 N | 1.55 -8.99 N | 1.78 -1.61 N | 0.59 -32.67 N | -1.76 -77.63 N | 1.72 -19.38 N | 2.44 -10.80 N | 2.13 -22.70 N | 2.33 -16.31 N | 3.16 -2.91 N | 3.56 0.00 N | 3.54 0.00 N | 3.46 0.00 N | 3.48 0.00 N | 3.60 0.00 N | 3.56 0.00 N | 3.51 0.00 N | 4.35 -2.48 N | 5.72 -0.13 N | 3.99 0.00 N | 3.15 0.00 N | 2.51 0.00 N | 1.58 0.00 N | 1.20 0.00 N |
| NEG NORTH_FLCN_SEA 23793 | 21.06 -1.03 0.00 N | 15.78 -0.88 0.00 N | 19.52 -0.99 0.00 N | 6.35 -0.36 0.00 N | -24.09 0.97 4.47 N | -28.40 -1.01 45.08 N | -28.36 -1.44 48.55 N | -24.74 -1.12 41.30 N | -28.35 -1.44 45.38 N | -28.42 -2.04 51.20 N | -28.47 -2.20 54.16 N | -19.59 -1.98 45.34 N | 16.34 -1.82 8.90 N | -1.66 -1.89 26.76 N | -23.90 -2.06 49.67 N | -28.47 -2.19 53.70 N | -28.50 -2.38 54.19 N | -28.55 -2.87 59.55 N | 32.67 -2.28 9.97 N | 30.79 -1.24 0.00 N | 24.63 -0.96 0.00 N | 21.02 -0.48 0.00 N | 13.79 -0.65 0.00 N | -33.83 -0.70 44.72 N |
| NEG NORTH_KES_CHATEGAY 23792 | 21.10 -0.99 0.00 N | 15.82 -0.84 0.00 N | 19.58 -0.92 0.00 N | 6.38 -0.33 0.00 N | -24.48 0.89 4.79 N | -31.47 -0.91 48.26 N | -31.69 -1.35 51.97 N | -27.61 -1.08 44.21 N | -31.47 -1.36 48.58 N | -31.89 -1.90 54.81 N | -32.11 -2.03 57.97 N | -22.68 -1.88 48.54 N | 15.76 -1.78 9.53 N | -3.47 -1.82 28.65 N | -27.29 -1.95 53.18 N | -32.10 -2.04 57.49 N | -32.14 -2.21 58.00 N | -32.53 -2.65 63.75 N | 32.02 -2.24 10.67 N | 30.75 -1.29 0.00 N | 24.64 -0.94 0.00 N | 20.97 -0.54 0.00 N | 13.81 -0.63 0.00 N | -36.96 -0.68 47.88 N |
| NEG NORTH___ALICE_FALLS 23915 | 21.27 -0.83 0.00 N | 15.94 -0.73 0.00 N | 19.70 -0.81 0.00 N | 6.41 -0.29 0.00 N | -24.32 0.79 4.52 N | -28.74 -0.84 45.59 N | -28.69 -1.23 49.09 N | -25.01 -0.93 41.77 N | -28.65 -1.23 45.89 N | -28.70 -1.75 51.77 N | -28.75 -1.87 54.76 N | -19.79 -1.68 45.85 N | 16.52 -1.54 9.00 N | -1.68 -1.62 27.06 N | -24.18 -1.78 50.23 N | -28.78 -1.90 54.30 N | -28.80 -2.07 54.79 N | -28.83 -2.49 60.22 N | 33.04 -1.80 10.08 N | 31.13 -0.90 0.00 N | 24.90 -0.69 0.00 N | 21.22 -0.29 0.00 N | 13.92 -0.52 0.00 N | -34.24 -0.61 45.22 N |
| NEG NORTH___LWR_SARANAC 23913 | 21.27 -0.83 0.00 N | 15.94 -0.73 0.00 N | 19.70 -0.81 0.00 N | 6.41 -0.29 0.00 N | -24.32 0.79 4.52 N | -28.74 -0.84 45.59 N | -28.69 -1.23 49.09 N | -25.01 -0.93 41.77 N | -28.65 -1.23 45.89 N | -28.70 -1.75 51.77 N | -28.75 -1.87 54.76 N | -19.79 -1.68 45.85 N | 16.52 -1.54 9.00 N | -1.68 -1.62 27.06 N | -24.18 -1.78 50.23 N | -28.78 -1.90 54.30 N | -28.80 -2.07 54.79 N | -28.83 -2.49 60.22 N | 33.04 -1.80 10.08 N | 31.13 -0.90 0.00 N | 24.90 -0.69 0.00 N | 21.22 -0.29 0.00 N | 13.92 -0.52 0.00 N | -34.24 -0.61 45.22 N |
| NEG NORTH___PLATTSBURG 23628 | 21.27 -0.83 0.00 N | 15.94 -0.73 0.00 N | 19.70 -0.81 0.00 N | 6.41 -0.29 0.00 N | -24.32 0.79 4.52 N | -28.74 -0.84 45.59 N | -28.69 -1.23 49.09 N | -25.01 -0.93 41.77 N | -28.65 -1.23 45.89 N | -28.70 -1.75 51.77 N | -28.75 -1.87 54.76 N | -19.79 -1.68 45.85 N | 16.52 -1.54 9.00 N | -1.68 -1.62 27.06 N | -24.18 -1.78 50.23 N | -28.78 -1.90 54.30 N | -28.80 -2.07 54.79 N | -28.83 -2.49 60.22 N | 33.04 -1.80 10.08 N | 31.13 -0.90 0.00 N | 24.90 -0.69 0.00 N | 21.22 -0.29 0.00 N | 13.92 -0.52 0.00 N | -34.24 -0.61 45.22 N |
| NEG WEST_LEA_LOCKPORT 23791 | 21.74 -0.57 -0.21 N | 17.67 -0.50 -1.50 N | 20.05 -0.72 -0.27 N | 11.95 -0.22 -5.46 N | -6.65 0.95 -12.98 N | 20.18 -0.76 -3.24 N | 22.49 -0.95 -1.81 N | 20.19 -1.29 -3.81 N | 19.98 -1.27 -2.79 N | 23.50 -1.82 -0.49 N | 25.70 -2.18 0.00 N | 25.54 -2.20 0.00 N | 25.09 -1.97 0.00 N | 25.04 -1.95 0.00 N | 25.88 -1.95 0.00 N | 25.52 -1.90 0.00 N | 25.82 -2.25 0.00 N | 31.02 -3.22 -0.36 N | 40.55 -4.40 -0.02 N | 29.22 -2.81 0.00 N | 23.64 -1.94 0.00 N | 20.03 -1.47 0.00 N | 13.95 -0.50 0.00 N | 11.40 -0.19 0.00 N |
| NEG WEST___LANCASTR 23811 | 22.22 -0.14 -0.26 N | 18.23 -0.26 -1.83 N | 20.38 -0.46 -0.33 N | 13.20 -0.17 -6.66 N | -4.22 0.53 -15.83 N | 21.26 -0.39 -3.95 N | 23.57 -0.26 -2.20 N | 21.76 -0.55 -4.64 N | 21.45 -0.38 -3.36 N | 24.87 -0.55 -0.60 N | 27.13 -0.76 0.00 N | 26.94 -0.80 0.00 N | 26.47 -0.59 0.00 N | 26.44 -0.55 0.00 N | 27.36 -0.47 0.00 N | 26.95 -0.48 0.00 N | 27.15 -0.92 0.00 N | 32.82 -1.48 -0.42 N | 42.85 -2.11 -0.02 N | 30.74 -1.29 0.00 N | 24.72 -0.87 0.00 N | 20.88 -0.62 0.00 N | 14.33 -0.11 0.00 N | 11.65 0.06 0.00 N |
| NEG_PENN_ALLEGHNY 23528 | 23.80 1.16 -0.55 N | 21.28 0.78 -3.83 N | 22.05 0.85 -0.69 N | 20.89 0.26 -13.92 N | 11.59 -0.91 -33.08 N | 26.78 0.82 -8.26 N | 27.54 1.31 -4.60 N | 28.39 1.02 -9.69 N | 26.64 1.21 -6.97 N | 27.69 1.64 -1.24 N | 29.65 1.77 0.00 N | 29.48 1.74 0.00 N | 28.82 1.76 0.00 N | 28.80 1.80 0.00 N | 29.75 1.92 0.00 N | 29.19 1.77 0.00 N | 29.09 1.03 0.00 N | 35.80 1.14 -0.79 N | 46.38 1.41 -0.04 N | 33.05 1.02 0.00 N | 26.39 0.80 0.00 N | 22.14 0.63 0.00 N | 14.89 0.45 0.00 N | 11.99 0.39 0.00 N |
| NEG___GEN_MONROE 24207 | 22.31 0.05 -0.17 N | 17.80 -0.04 -1.17 N | 20.58 -0.13 -0.21 N | 10.95 -0.03 -4.27 N | -10.14 0.29 -10.15 N | 20.09 -0.14 -2.54 N | 23.07 0.03 -1.41 N | 20.44 -0.21 -2.97 N | 20.45 -0.15 -2.13 N | 24.95 -0.25 -0.38 N | 27.51 -0.37 0.00 N | 27.33 -0.41 0.00 N | 26.77 -0.29 0.00 N | 26.70 -0.29 0.00 N | 27.56 -0.27 0.00 N | 27.21 -0.22 0.00 N | 27.74 -0.32 0.00 N | 33.47 -0.72 -0.31 N | 43.87 -1.08 -0.02 N | 31.50 -0.53 0.00 N | 25.37 -0.22 0.00 N | 21.34 -0.17 0.00 N | 14.57 0.13 0.00 N | 11.77 0.17 0.00 N |
| NEPA___ENERGY 23901 | 22.31 -0.08 -0.29 N | 18.41 -0.26 -2.00 N | 20.38 -0.48 -0.36 N | 13.77 -0.20 -7.26 N | -2.98 0.35 -17.26 N | 21.75 -0.26 -4.31 N | 24.02 -0.01 -2.40 N | 22.45 -0.28 -5.06 N | 22.09 -0.03 -3.66 N | 25.44 -0.04 -0.65 N | 27.65 -0.23 0.00 N | 27.45 -0.30 0.00 N | 26.95 -0.11 0.00 N | 26.95 -0.05 0.00 N | 27.92 0.09 0.00 N | 27.49 0.07 0.00 N | 27.62 -0.44 0.00 N | 33.48 -0.85 -0.45 N | 43.58 -1.38 -0.02 N | 31.16 -0.87 0.00 N | 24.95 -0.64 0.00 N | 21.07 -0.44 0.00 N | 14.34 -0.10 0.00 N | 11.68 0.08 0.00 N |
| NEVERSINK___HYD 23608 | 24.79 1.59 -1.09 N | 25.39 1.10 -7.63 N | 23.12 1.25 -1.37 N | 34.84 0.41 -27.73 N | 44.05 -1.25 -65.89 N | 35.35 1.20 -16.45 N | 32.57 1.77 -9.17 N | 38.47 1.55 -19.25 N | 34.23 1.90 -13.87 N | 32.12 4.40 -2.90 N | 32.70 4.81 0.00 N | 32.00 4.25 0.00 N | 30.00 2.94 0.00 N | 29.78 2.78 0.00 N | 30.86 3.03 0.00 N | 30.45 3.03 0.00 N | 31.04 2.97 0.00 N | 39.70 3.73 -2.09 N | 49.90 4.87 -0.11 N | 35.43 3.40 0.00 N | 28.24 2.65 0.00 N | 23.60 2.09 0.00 N | 15.74 1.30 0.00 N | 12.59 0.99 0.00 N |
| NEWTON___FALLS_HYD 23847 | 22.06 -0.04 0.00 N | 16.59 -0.08 0.00 N | 20.43 -0.08 0.00 N | 6.68 -0.03 0.00 N | -19.95 0.13 -0.51 N | 22.69 -0.14 -5.13 N | 26.74 -0.42 -5.53 N | 22.08 -0.31 -4.71 N | 23.18 -0.59 -5.30 N | 30.01 -0.80 -5.98 N | 33.62 -0.60 -6.33 N | 32.67 -0.37 -5.30 N | 27.73 -0.38 -1.04 N | 29.74 -0.38 -3.13 N | 32.99 -0.53 -5.70 N | 32.91 -0.64 -6.12 N | 33.27 -0.97 -6.17 N | 39.52 -1.15 -6.79 N | 44.75 -1.31 -1.14 N | 31.14 -0.89 0.00 N | 24.89 -0.69 0.00 N | 21.11 -0.39 0.00 N | 14.17 -0.27 0.00 N | 16.40 -0.29 -5.10 N |
| NIAGARA____ 23760 | 21.65 -0.67 -0.22 N | 17.62 -0.56 -1.51 N | 20.00 -0.78 -0.27 N | 11.98 -0.23 -5.50 N | -6.48 1.04 -13.07 N | 20.12 -0.84 -3.26 N | 22.44 -1.00 -1.82 N | 20.22 -1.29 -3.83 N | 20.00 -1.24 -2.78 N | 23.57 -1.75 -0.49 N | 25.78 -2.11 0.00 N | 25.58 -2.17 0.00 N | 25.13 -1.93 0.00 N | 25.09 -1.91 0.00 N | 25.95 -1.89 0.00 N | 25.59 -1.83 0.00 N | 25.89 -2.18 0.00 N | 31.07 -3.18 -0.36 N | 40.60 -4.35 -0.02 N | 29.26 -2.77 0.00 N | 23.68 -1.90 0.00 N | 20.07 -1.44 0.00 N | 13.94 -0.51 0.00 N | 11.37 -0.22 0.00 N |

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| NINE_MILE_1 23575 | 21.35 -0.79 -0.05 N | 16.39 -0.60 -0.32 N | 19.81 -0.75 -0.06 N | 7.62 -0.25 -1.17 N | -17.05 0.76 -2.77 N | 17.74 -0.65 -0.69 N | 21.27 -0.75 -0.38 N | 17.87 -0.62 -0.81 N | 18.43 -0.62 -0.58 N | 24.11 -0.82 -0.10 N | 26.96 -0.93 0.00 N | 26.78 -0.96 0.00 N | 26.12 -0.94 0.00 N | 26.05 -0.94 0.00 N | 26.86 -0.97 0.00 N | 26.51 -0.91 0.00 N | 27.30 -0.77 0.00 N | 33.01 -1.02 -0.15 N | 43.52 -1.42 -0.01 N | 31.07 -0.96 0.00 N | 24.84 -0.75 0.00 N | 20.87 -0.64 0.00 N | 14.05 -0.39 0.00 N | 11.29 -0.31 0.00 N |
| NINE_MILE_2 23744 | 21.35 -0.79 -0.05 N | 16.39 -0.59 -0.32 N | 19.81 -0.75 -0.06 N | 7.61 -0.25 -1.16 N | -17.08 0.76 -2.74 N | 17.74 -0.64 -0.68 N | 21.27 -0.74 -0.38 N | 17.86 -0.62 -0.80 N | 18.43 -0.62 -0.58 N | 24.11 -0.82 -0.10 N | 26.96 -0.93 0.00 N | 26.79 -0.95 0.00 N | 26.12 -0.94 0.00 N | 26.06 -0.94 0.00 N | 26.86 -0.97 0.00 N | 26.51 -0.91 0.00 N | 27.30 -0.77 0.00 N | 33.02 -1.01 -0.15 N | 43.53 -1.41 -0.01 N | 31.07 -0.96 0.00 N | 24.85 -0.74 0.00 N | 20.87 -0.64 0.00 N | 14.05 -0.39 0.00 N | 11.29 -0.31 0.00 N |
| NM_CAPITAL___DRP 24208 | 25.16 1.48 -1.59 N | 28.90 1.16 -11.07 N | 23.92 1.43 -1.98 N | 47.43 0.48 -40.24 N | 73.66 -1.39 -95.63 N | 42.77 1.20 -23.88 N | 36.35 1.42 -13.30 N | 46.70 0.99 -28.03 N | 39.68 1.07 -20.14 N | 29.87 1.47 -3.58 N | 29.46 1.58 0.00 N | 29.30 1.56 0.00 N | 28.56 1.51 0.00 N | 28.49 1.49 0.00 N | 29.45 1.62 0.00 N | 29.03 1.61 0.00 N | 29.62 1.55 0.00 N | 38.97 1.99 -3.10 N | 47.70 2.60 -0.16 N | 33.77 1.74 0.00 N | 26.87 1.29 0.00 N | 22.59 1.08 0.00 N | 15.13 0.69 0.00 N | 12.23 0.63 0.00 N |
| NM_CENTRAL___DRP 24181 | 21.86 -0.31 -0.07 N | 16.92 -0.26 -0.51 N | 20.24 -0.35 -0.09 N | 8.43 -0.12 -1.84 N | -15.85 0.35 -4.38 N | 18.52 -0.27 -1.09 N | 22.03 -0.21 -0.61 N | 18.79 -0.17 -1.28 N | 19.27 -0.12 -0.93 N | 24.85 -0.14 -0.17 N | 27.71 -0.17 0.00 N | 27.53 -0.20 0.00 N | 26.85 -0.21 0.00 N | 26.80 -0.19 0.00 N | 27.62 -0.20 0.00 N | 27.29 -0.14 0.00 N | 28.19 0.12 0.00 N | 34.15 0.08 -0.20 N | 44.92 -0.02 -0.01 N | 32.05 0.02 0.00 N | 25.61 0.03 0.00 N | 21.48 -0.03 0.00 N | 14.45 0.01 0.00 N | 11.60 0.01 0.00 N |
| NM_FRONTIER___DRP 24179 | 21.54 -0.77 -0.22 N | 17.60 -0.60 -1.54 N | 19.96 -0.83 -0.28 N | 12.07 -0.25 -5.62 N | -6.15 1.10 -13.34 N | 20.10 -0.93 -3.33 N | 22.31 -1.17 -1.86 N | 20.08 -1.51 -3.91 N | 19.84 -1.47 -2.84 N | 23.23 -2.10 -0.51 N | 25.40 -2.48 0.00 N | 25.23 -2.51 0.00 N | 24.80 -2.27 0.00 N | 24.74 -2.25 0.00 N | 25.57 -2.26 0.00 N | 25.22 -2.21 0.00 N | 25.52 -2.54 0.00 N | 30.63 -3.62 -0.37 N | 40.01 -4.94 -0.02 N | 28.85 -3.18 0.00 N | 23.38 -2.20 0.00 N | 19.82 -1.68 0.00 N | 13.85 -0.59 0.00 N | 11.33 -0.27 0.00 N |
| NM_ST_REGIS___HYD 24053 | 21.61 -0.49 0.00 N | 16.23 -0.44 0.00 N | 20.05 -0.46 0.00 N | 6.55 -0.16 0.00 N | -18.90 0.53 -1.15 N | 28.78 -0.55 -11.63 N | 33.13 -1.02 -12.52 N | 27.54 -0.80 -10.66 N | 28.99 -1.26 -11.78 N | 36.37 -1.75 -13.30 N | 40.17 -1.78 -14.06 N | 38.06 -1.46 -11.78 N | 27.97 -1.40 -2.31 N | 32.50 -1.44 -6.95 N | 39.08 -1.59 -12.83 N | 39.56 -1.71 -13.85 N | 39.98 -2.07 -13.98 N | 46.78 -2.47 -15.37 N | 44.82 -2.68 -2.57 N | 30.27 -1.76 0.00 N | 24.25 -1.34 0.00 N | 20.74 -0.77 0.00 N | 13.91 -0.53 0.00 N | 22.66 -0.48 -11.54 N |
| NORTHPORT___1 23551 | 129.46 2.72 -104.65 N | 27.24 1.80 -8.77 N | 24.14 2.06 -1.57 N | 39.26 0.67 -31.88 N | 53.32 -1.86 -75.76 N | 38.53 1.91 -18.92 N | 34.94 2.77 -10.54 N | 42.05 2.21 -22.17 N | 36.72 2.33 -15.93 N | 31.43 2.92 -3.69 N | 32.70 3.67 -1.15 N | 33.39 3.67 -1.98 N | 38.80 3.61 -8.12 N | 56.60 3.69 -25.91 N | 31.52 3.69 0.00 N | 30.99 3.56 0.00 N | 31.40 3.33 0.00 N | 40.39 4.09 -2.43 N | 50.66 5.61 -0.13 N | 36.08 4.05 0.00 N | 30.56 3.39 -1.58 N | 24.03 2.53 0.00 N | 16.05 1.61 0.00 N | 12.93 1.33 0.00 N |
| NORTHPORT___2 23552 | 129.46 2.72 -104.65 N | 27.24 1.80 -8.77 N | 24.14 2.06 -1.57 N | 39.26 0.67 -31.88 N | 53.32 -1.86 -75.76 N | 38.53 1.91 -18.92 N | 34.94 2.77 -10.54 N | 42.05 2.21 -22.17 N | 36.72 2.33 -15.93 N | 31.43 2.92 -3.69 N | 32.70 3.67 -1.15 N | 33.39 3.67 -1.98 N | 38.80 3.61 -8.12 N | 56.60 3.69 -25.91 N | 31.52 3.69 0.00 N | 30.99 3.56 0.00 N | 31.40 3.33 0.00 N | 40.39 4.09 -2.43 N | 50.66 5.61 -0.13 N | 36.08 4.05 0.00 N | 30.56 3.39 -1.58 N | 24.03 2.53 0.00 N | 16.05 1.61 0.00 N | 12.93 1.33 0.00 N |
| NORTHPORT___3 23553 | 129.07 2.32 -104.65 N | 26.96 1.53 -8.77 N | 23.81 1.73 -1.57 N | 39.15 0.56 -31.88 N | 53.65 -1.53 -75.76 N | 38.22 1.61 -18.92 N | 34.52 2.35 -10.54 N | 41.79 1.95 -22.17 N | 36.45 2.05 -15.93 N | 31.08 2.57 -3.69 N | 32.34 3.30 -1.15 N | 33.04 3.32 -1.98 N | 38.43 3.25 -8.12 N | 56.20 3.29 -25.91 N | 31.16 3.33 0.00 N | 30.60 3.17 0.00 N | 31.02 2.95 0.00 N | 39.89 3.58 -2.43 N | 49.99 4.93 -0.13 N | 35.57 3.54 0.00 N | 30.10 2.93 -1.58 N | 23.71 2.20 0.00 N | 15.82 1.38 0.00 N | 12.75 1.16 0.00 N |
| NORTHPORT___4 23650 | 129.07 2.32 -104.65 N | 26.96 1.53 -8.77 N | 23.81 1.73 -1.57 N | 39.15 0.56 -31.88 N | 53.65 -1.53 -75.76 N | 38.22 1.61 -18.92 N | 34.52 2.35 -10.54 N | 41.79 1.95 -22.17 N | 36.45 2.05 -15.93 N | 31.08 2.57 -3.69 N | 32.34 3.30 -1.15 N | 33.04 3.32 -1.98 N | 38.43 3.25 -8.12 N | 56.20 3.29 -25.91 N | 31.16 3.33 0.00 N | 30.60 3.17 0.00 N | 31.02 2.95 0.00 N | 39.89 3.58 -2.43 N | 49.99 4.93 -0.13 N | 35.57 3.54 0.00 N | 30.10 2.93 -1.58 N | 23.71 2.20 0.00 N | 15.82 1.38 0.00 N | 12.75 1.16 0.00 N |
| NORTHPORT___IC 23718 | 129.46 2.72 -104.65 N | 27.24 1.80 -8.77 N | 24.14 2.06 -1.57 N | 39.26 0.67 -31.88 N | 53.32 -1.86 -75.76 N | 38.53 1.91 -18.92 N | 34.94 2.77 -10.54 N | 42.05 2.21 -22.17 N | 36.72 2.33 -15.93 N | 31.43 2.92 -3.69 N | 32.70 3.67 -1.15 N | 33.39 3.67 -1.98 N | 38.80 3.61 -8.12 N | 56.60 3.69 -25.91 N | 31.52 3.69 0.00 N | 30.99 3.56 0.00 N | 31.40 3.33 0.00 N | 40.39 4.09 -2.43 N | 50.66 5.61 -0.13 N | 36.08 4.05 0.00 N | 30.56 3.39 -1.58 N | 24.03 2.53 0.00 N | 16.05 1.61 0.00 N | 12.93 1.33 0.00 N |
| NPX_GEN_1385_PROXY 323591 | 32.54 2.95 -8.88 N | 27.24 1.80 -8.77 N | 24.14 2.06 -1.57 N | 39.26 0.67 -31.88 N | 53.32 -1.86 -75.76 N | 38.53 1.92 -18.92 N | 35.09 2.92 -10.54 N | 51.38 1.68 -33.08 N | 36.46 2.07 -15.93 N | 33.84 2.22 -8.03 N | 41.05 2.69 -14.88 N | 42.39 2.70 -13.51 N | 38.02 2.83 -8.12 N | 55.99 3.08 -25.91 N | 30.90 3.07 0.00 N | 28.79 2.70 -0.11 N | 30.59 2.53 0.00 N | 39.66 3.35 -2.43 N | 49.41 4.36 -0.13 N | 39.39 4.19 -0.83 N | 30.47 3.30 -1.58 N | 23.42 1.92 0.00 N | 15.74 1.30 0.00 N | 12.79 1.19 0.00 N |
| NPX_GEN_CSC 323557 | 32.42 2.83 -8.88 N | 27.28 1.84 -8.77 N | 24.18 2.11 -1.57 N | 39.28 0.68 -31.88 N | 53.32 -1.85 -75.76 N | 38.56 1.95 -18.92 N | 35.04 2.87 -10.54 N | 51.44 1.74 -33.08 N | 36.64 2.25 -15.93 N | 34.26 2.63 -8.03 N | 41.51 3.16 -14.88 N | 43.08 3.38 -13.51 N | 38.71 3.52 -8.12 N | 56.48 3.57 -25.91 N | 31.13 3.30 0.00 N | 28.96 2.87 -0.11 N | 31.05 2.99 0.00 N | 40.18 3.88 -2.43 N | 51.08 6.02 -0.13 N | 40.06 4.86 -0.83 N | 30.72 3.55 -1.58 N | 24.11 2.60 0.00 N | 16.07 1.63 0.00 N | 12.97 1.37 0.00 N |
| NSINS_S_GLNS_FALLS 23858 | 25.87 2.15 -1.63 N | 29.63 1.59 -11.36 N | 24.48 1.94 -2.04 N | 48.69 0.66 -41.32 N | 75.67 -1.93 -98.18 N | 43.98 1.77 -24.51 N | 37.54 2.25 -13.66 N | 48.45 2.00 -28.77 N | 41.24 2.11 -20.67 N | 31.04 2.54 -3.68 N | 30.52 2.64 0.00 N | 29.98 2.24 0.00 N | 29.10 2.04 0.00 N | 28.99 1.99 0.00 N | 29.98 2.15 0.00 N | 29.58 2.15 0.00 N | 30.32 2.26 0.00 N | 40.16 3.10 -3.18 N | 49.14 4.04 -0.17 N | 34.69 2.66 0.00 N | 27.36 1.78 0.00 N | 22.88 1.38 0.00 N | 15.19 0.75 0.00 N | 12.15 0.55 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 |
|-------------------------------|--------------------------------|-----------------------------|-----------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|---|
| NUCOR_STEEL____DRP 24197 | 22.75 0.48 -0.17 N | 18.18 0.29 -1.22 N | 21.01 0.28 -0.22 N | 11.23 0.07 -4.45 N | -10.15 -0.13 -10.57 N | 20.53 0.19 -2.64 N | 23.62 0.52 -1.47 N | 21.16 0.39 -3.09 N | 21.17 0.47 -2.23 N | 25.86 0.64 -0.40 N | 28.57 0.69 0.00 N | 28.38 0.64 0.00 N | 27.73 0.66 0.00 N | 27.67 0.67 0.00 N | 28.54 0.72 0.00 N | 28.07 0.65 0.00 N | 28.42 0.36 0.00 N | 34.33 0.14 -0.30 N | 44.91 -0.04 -0.02 N | 32.24 0.21 0.00 N | 25.88 0.30 0.00 N | 21.68 0.17 0.00 N | 14.60 0.16 0.00 N | 11.72 0.12 0.00 N | |
| NYISO_LBMP_REFERENCE 24008 | 22.10 0.00 0.00 N | 16.67 0.00 0.00 N | 20.51 0.00 0.00 N | 6.71 0.00 0.00 N | -20.59 0.00 0.00 N | 17.70 0.00 0.00 N | 21.63 0.00 0.00 N | 17.68 0.00 0.00 N | 18.46 0.00 0.00 N | 24.82 0.00 0.00 N | 27.88 0.00 0.00 N | 27.74 0.00 0.00 N | 27.06 0.00 0.00 N | 27.00 0.00 0.00 N | 27.83 0.00 0.00 N | 27.42 0.00 0.00 N | 28.07 0.00 0.00 N | 33.88 0.00 0.00 N | 44.93 0.00 0.00 N | 32.03 0.00 0.00 N | 25.59 0.00 0.00 N | 21.51 0.00 0.00 N | 14.44 0.00 0.00 N | 11.60 0.00 0.00 N | |
| NYPA_BRENTWD____GT 24164 | 129.60 2.85 -104.65 N | 27.33 1.90 -8.77 N | 24.25 2.17 -1.57 N | 39.30 0.71 -31.88 N | 53.22 -1.96 -75.76 N | 38.62 2.01 -18.92 N | 35.09 2.92 -10.54 N | 42.12 2.28 -22.17 N | 36.79 2.40 -15.93 N | 31.53 3.01 -3.69 N | 32.81 3.78 -1.15 N | 33.52 3.81 -1.98 N | 38.93 3.74 -8.12 N | 56.80 3.89 -25.91 N | 31.68 3.86 0.00 N | 31.14 3.72 0.00 N | 31.60 3.53 0.00 N | 40.61 4.31 -2.43 N | 51.03 5.98 -0.13 N | 36.28 4.25 0.00 N | 30.72 3.55 -1.58 N | 24.31 2.80 0.00 N | 16.20 1.76 0.00 N | 13.03 1.43 0.00 N | |
| NYPA_GOWANUS____GT5 24156 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.74 3.74 -1.26 N | 31.53 3.59 -0.88 N | 31.62 3.60 -1.02 N | 31.48 3.65 0.00 N | 31.01 3.59 0.00 N | 31.62 3.55 0.00 N | 40.58 4.28 -2.42 N | 50.61 5.55 -0.13 N | 36.03 4.00 0.00 N | 28.82 3.23 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N | |
| NYPA_GOWANUS____GT6 24157 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.74 3.74 -1.26 N | 31.53 3.59 -0.88 N | 31.62 3.60 -1.02 N | 31.48 3.65 0.00 N | 31.01 3.59 0.00 N | 31.62 3.55 0.00 N | 40.58 4.28 -2.42 N | 50.61 5.55 -0.13 N | 36.03 4.00 0.00 N | 28.82 3.23 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N | |
| NYPA_HARLEM_RVR_GT1 24160 | 25.56 2.21 -1.26 N | 26.88 1.45 -8.77 N | 23.73 1.65 -1.57 N | 39.15 0.57 -31.88 N | 53.57 -1.60 -75.76 N | 38.28 1.66 -18.91 N | 34.54 2.37 -10.54 N | 41.93 2.09 -22.16 N | 36.69 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.48 3.54 -3.06 N | 32.49 3.49 -1.26 N | 31.41 3.48 -0.88 N | 31.54 3.52 -1.02 N | 31.36 3.53 0.00 N | 30.90 3.47 0.00 N | 31.50 3.44 0.00 N | 40.43 4.13 -2.42 N | 50.40 5.35 -0.13 N | 35.83 3.80 0.00 N | 28.66 3.07 0.00 N | 23.98 2.47 -0.01 N | 16.01 1.57 0.00 N | 12.76 1.16 0.00 N | |
| NYPA_HARLEM_RVR_GT2 24161 | 25.56 2.21 -1.26 N | 26.88 1.45 -8.77 N | 23.73 1.65 -1.57 N | 39.15 0.57 -31.88 N | 53.57 -1.60 -75.76 N | 38.28 1.66 -18.91 N | 34.54 2.37 -10.54 N | 41.93 2.09 -22.16 N | 36.69 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.48 3.54 -3.06 N | 32.49 3.49 -1.26 N | 31.41 3.48 -0.88 N | 31.54 3.52 -1.02 N | 31.36 3.53 0.00 N | 30.90 3.47 0.00 N | 31.50 3.44 0.00 N | 40.43 4.13 -2.42 N | 50.40 5.35 -0.13 N | 35.83 3.80 0.00 N | 28.66 3.07 0.00 N | 23.98 2.47 -0.01 N | 16.01 1.57 0.00 N | 12.76 1.16 0.00 N | |
| NYPA_KENT____GT 24152 | 25.62 2.26 -1.26 N | 26.93 1.49 -8.77 N | 23.78 1.70 -1.57 N | 39.16 0.57 -31.88 N | 53.51 -1.66 -75.76 N | 38.30 1.69 -18.91 N | 34.58 2.41 -10.54 N | 41.98 2.14 -22.16 N | 36.80 2.40 -15.93 N | 36.75 3.28 -8.65 N | 34.67 3.72 -3.07 N | 32.71 3.70 -1.27 N | 31.53 3.59 -0.88 N | 31.63 3.61 -1.03 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.62 3.56 0.00 N | 40.59 4.28 -2.42 N | 50.61 5.55 -0.13 N | 36.00 3.97 0.00 N | 28.80 3.21 0.00 N | 24.12 2.61 -0.01 N | 16.09 1.65 0.00 N | 12.81 1.21 0.00 N | |
| NYPA_POUCH1____GT 24155 | 25.56 2.21 -1.26 N | 26.89 1.45 -8.77 N | 23.74 1.66 -1.57 N | 39.15 0.56 -31.88 N | 53.54 -1.64 -75.76 N | 38.27 1.66 -18.91 N | 34.54 2.37 -10.54 N | 41.96 2.12 -22.16 N | 36.78 2.38 -15.93 N | 36.66 3.20 -8.64 N | 34.56 3.61 -3.06 N | 32.60 3.59 -1.26 N | 31.39 3.45 -0.88 N | 31.48 3.46 -1.02 N | 31.32 3.49 0.00 N | 30.86 3.44 0.00 N | 31.46 3.39 0.00 N | 40.37 4.07 -2.42 N | 50.35 5.29 -0.13 N | 35.89 3.86 0.00 N | 28.72 3.13 0.00 N | 24.07 2.55 -0.01 N | 16.05 1.61 0.00 N | 12.77 1.17 0.00 N | |
| NYPA_VERNON____GT2 24162 | 25.59 2.24 -1.26 N | 26.91 1.47 -8.77 N | 23.76 1.68 -1.57 N | 39.15 0.56 -31.88 N | 53.54 -1.63 -75.76 N | 38.27 1.66 -18.91 N | 34.55 2.38 -10.54 N | 41.95 2.11 -22.16 N | 36.76 2.36 -15.93 N | 36.73 3.24 -8.67 N | 34.64 3.68 -3.08 N | 32.68 3.67 -1.27 N | 31.52 3.58 -0.88 N | 31.62 3.60 -1.03 N | 31.49 3.66 0.00 N | 31.02 3.60 0.00 N | 31.62 3.55 0.00 N | 40.58 4.28 -2.42 N | 50.61 5.55 -0.13 N | 35.96 3.93 0.00 N | 28.76 3.17 0.00 N | 24.09 2.57 -0.01 N | 16.07 1.62 0.00 N | 12.80 1.20 0.00 N | |
| NYPA_VERNON____GT3 24163 | 25.59 2.24 -1.26 N | 26.91 1.47 -8.77 N | 23.76 1.68 -1.57 N | 39.15 0.56 -31.88 N | 53.54 -1.63 -75.76 N | 38.27 1.66 -18.91 N | 34.55 2.38 -10.54 N | 41.95 2.11 -22.16 N | 36.76 2.36 -15.93 N | 36.73 3.24 -8.67 N | 34.64 3.68 -3.08 N | 32.68 3.67 -1.27 N | 31.52 3.58 -0.88 N | 31.62 3.60 -1.03 N | 31.49 3.66 0.00 N | 31.02 3.60 0.00 N | 31.62 3.55 0.00 N | 40.58 4.28 -2.42 N | 50.61 5.55 -0.13 N | 35.96 3.93 0.00 N | 28.76 3.17 0.00 N | 24.09 2.57 -0.01 N | 16.07 1.62 0.00 N | 12.80 1.20 0.00 N | |
| NYPA____ASTORIA_CC1 323568 | 25.59 2.24 -1.26 N | 26.91 1.47 -8.77 N | 23.75 1.68 -1.57 N | 39.15 0.56 -31.88 N | 53.54 -1.63 -75.76 N | 38.27 1.66 -18.91 N | 34.55 2.38 -10.54 N | 41.95 2.11 -22.16 N | 36.76 2.36 -15.93 N | 36.70 3.24 -8.64 N | 34.61 3.67 -3.06 N | 32.67 3.67 -1.26 N | 31.52 3.58 -0.88 N | 31.62 3.60 -1.02 N | 31.48 3.65 0.00 N | 31.02 3.59 0.00 N | 31.61 3.54 0.00 N | 40.57 4.27 -2.42 N | 50.58 5.53 -0.13 N | 35.95 3.92 0.00 N | 28.76 3.17 0.00 N | 24.08 2.56 -0.01 N | 16.07 1.62 0.00 N | 12.80 1.20 0.00 N | |
| NYPA____ASTORIA_CC2 323569 | 25.59 2.24 -1.26 N | 26.91 1.47 -8.77 N | 23.75 1.68 -1.57 N | 39.15 0.56 -31.88 N | 53.54 -1.63 -75.76 N | 38.27 1.66 -18.91 N | 34.55 2.38 -10.54 N | 41.95 2.11 -22.16 N | 36.76 2.36 -15.93 N | 36.70 3.24 -8.64 N | 34.61 3.67 -3.06 N | 32.67 3.67 -1.26 N | 31.52 3.58 -0.88 N | 31.62 3.60 -1.02 N | 31.48 3.65 0.00 N | 31.02 3.59 0.00 N | 31.61 3.54 0.00 N | 40.57 4.27 -2.42 N | 50.58 5.53 -0.13 N | 35.95 3.92 0.00 N | 28.76 3.17 0.00 N | 24.08 2.56 -0.01 N | 16.07 1.62 0.00 N | 12.80 1.20 0.00 N | |
| NYPA____HOLTSVILL | 129.38 | 27.19 | 24.08 | 39.24 | 53.41 | 38.47 | 34.91 | 41.99 | 36.65 | 31.33 | 32.59 | 33.29 | 38.71 | 56.49 | 31.32 | 30.79 | 31.25 | 40.29 | 50.77 | 36.07 | 30.55 | 24.04 | 16.03 | 12.91 | |

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|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| 23794 | 2.64 -104.65 N | 1.75 -8.77 N | 2.00 -1.57 N | 0.65 -31.88 N | -1.76 -75.76 N | 1.85 -18.92 N | 2.74 -10.54 N | 2.14 -22.17 N | 2.26 -15.93 N | 2.82 -3.69 N | 3.56 -1.15 N | 3.58 -1.98 N | 3.52 -8.12 N | 3.58 -25.91 N | 3.50 0.00 N | 3.37 0.00 N | 3.19 0.00 N | 3.99 -2.43 N | 5.71 -0.13 N | 4.04 0.00 N | 3.38 -1.58 N | 2.53 0.00 N | 1.59 0.00 N | 1.31 0.00 N |
| NYPA_____HELLGATE_GT1 24158 | 25.56 2.21 -1.26 N | 26.88 1.45 -8.77 N | 23.73 1.65 -1.57 N | 39.15 0.57 -31.88 N | 53.57 -1.60 -75.76 N | 38.28 1.66 -18.91 N | 34.54 2.37 -10.54 N | 41.93 2.09 -22.16 N | 36.69 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.48 3.54 -3.06 N | 32.49 3.49 -1.26 N | 31.41 3.48 -0.88 N | 31.54 3.52 -1.02 N | 31.36 3.53 0.00 N | 30.90 3.47 0.00 N | 31.50 3.44 0.00 N | 40.43 4.13 -2.42 N | 50.40 5.35 -0.13 N | 35.83 3.80 0.00 N | 28.66 3.07 0.00 N | 23.98 2.47 -0.01 N | 16.01 1.57 0.00 N | 12.76 1.16 0.00 N |
| NYPA_____HELLGATE_GT2 24159 | 25.56 2.21 -1.26 N | 26.88 1.45 -8.77 N | 23.73 1.65 -1.57 N | 39.15 0.57 -31.88 N | 53.57 -1.60 -75.76 N | 38.28 1.66 -18.91 N | 34.54 2.37 -10.54 N | 41.93 2.09 -22.16 N | 36.69 2.30 -15.93 N | 36.61 3.15 -8.64 N | 34.48 3.54 -3.06 N | 32.49 3.49 -1.26 N | 31.41 3.48 -0.88 N | 31.54 3.52 -1.02 N | 31.36 3.53 0.00 N | 30.90 3.47 0.00 N | 31.50 3.44 0.00 N | 40.43 4.13 -2.42 N | 50.40 5.35 -0.13 N | 35.83 3.80 0.00 N | 28.66 3.07 0.00 N | 23.98 2.47 -0.01 N | 16.01 1.57 0.00 N | 12.76 1.16 0.00 N |
| NYS_BARGE___HYD 23848 | 21.80 -0.50 -0.21 N | 17.70 -0.44 -1.48 N | 20.12 -0.65 -0.27 N | 11.91 -0.19 -5.39 N | -6.89 0.88 -12.81 N | 20.19 -0.70 -3.20 N | 22.53 -0.88 -1.78 N | 20.21 -1.22 -3.76 N | 20.01 -1.21 -2.76 N | 23.55 -1.76 -0.49 N | 25.78 -2.10 0.00 N | 25.62 -2.12 0.00 N | 25.17 -1.90 0.00 N | 25.11 -1.88 0.00 N | 25.95 -1.89 0.00 N | 25.59 -1.83 0.00 N | 25.90 -2.17 0.00 N | 31.12 -3.12 -0.36 N | 40.68 -4.27 -0.02 N | 29.32 -2.71 0.00 N | 23.73 -1.86 0.00 N | 20.10 -1.41 0.00 N | 14.00 -0.44 0.00 N | 11.45 -0.15 0.00 N |
| O.H._GEN_BRUCE 24063 | 21.45 -0.74 -1.48 N | 17.90 -0.48 -1.71 N | 20.12 -0.69 -0.31 N | 12.71 -0.22 -6.22 N | -4.94 0.86 -14.78 N | 20.70 -0.69 -3.69 N | 22.95 -0.74 -2.06 N | 24.39 -0.71 -8.48 N | 20.70 -0.90 -3.14 N | 25.66 -1.16 -3.23 N | 40.58 -1.42 -18.51 N | 39.33 -1.53 -14.67 N | 30.28 -1.50 -5.49 N | 25.62 -1.37 0.00 N | 26.52 -1.31 0.00 N | 25.15 -0.95 -0.11 N | 26.40 -1.67 0.00 N | 31.78 -2.50 -0.40 N | 41.48 -3.48 -0.02 N | 51.38 -2.33 -19.34 N | 24.06 -1.53 0.00 N | 20.36 -1.15 0.00 N | 14.04 -0.40 0.00 N | 11.44 -0.16 0.00 N |
| OAK ORCHARD___HYD 24046 | 21.99 -0.27 -0.16 N | 17.51 -0.26 -1.10 N | 20.31 -0.39 -0.20 N | 10.61 -0.12 -4.02 N | -10.48 0.54 -9.56 N | 19.71 -0.37 -2.39 N | 22.67 -0.28 -1.33 N | 20.05 -0.42 -2.80 N | 20.10 -0.36 -2.00 N | 24.67 -0.51 -0.35 N | 27.23 -0.65 0.00 N | 27.05 -0.69 0.00 N | 26.48 -0.58 0.00 N | 26.41 -0.58 0.00 N | 27.27 -0.57 0.00 N | 26.92 -0.51 0.00 N | 27.50 -0.56 0.00 N | 33.16 -1.01 -0.30 N | 43.46 -1.48 -0.02 N | 31.18 -0.85 0.00 N | 25.10 -0.49 0.00 N | 21.10 -0.40 0.00 N | 14.37 -0.07 0.00 N | 11.60 0.00 0.00 N |
| OCC_CHEM___DRP 24175 | 21.63 -0.68 -0.22 N | 17.66 -0.55 -1.54 N | 20.02 -0.76 -0.28 N | 12.11 -0.23 -5.63 N | -6.19 1.02 -13.38 N | 20.19 -0.85 -3.34 N | 22.41 -1.08 -1.86 N | 20.18 -1.41 -3.92 N | 19.93 -1.39 -2.85 N | 23.33 -2.00 -0.51 N | 25.50 -2.38 0.00 N | 25.34 -2.40 0.00 N | 24.89 -2.17 0.00 N | 24.85 -2.15 0.00 N | 25.67 -2.16 0.00 N | 25.33 -2.09 0.00 N | 25.62 -2.44 0.00 N | 30.77 -3.48 -0.37 N | 40.19 -4.76 -0.02 N | 28.98 -3.05 0.00 N | 23.47 -2.11 0.00 N | 19.91 -1.60 0.00 N | 13.90 -0.54 0.00 N | 11.37 -0.23 0.00 N |
| OLIN_CORP_DRP 24177 | 21.63 -0.68 -0.22 N | 17.66 -0.55 -1.54 N | 20.02 -0.76 -0.28 N | 12.11 -0.23 -5.63 N | -6.19 1.02 -13.38 N | 20.19 -0.85 -3.34 N | 22.41 -1.08 -1.86 N | 20.18 -1.41 -3.92 N | 19.93 -1.39 -2.85 N | 23.33 -2.00 -0.51 N | 25.50 -2.38 0.00 N | 25.34 -2.40 0.00 N | 24.89 -2.17 0.00 N | 24.85 -2.15 0.00 N | 25.67 -2.16 0.00 N | 25.33 -2.09 0.00 N | 25.62 -2.44 0.00 N | 30.77 -3.48 -0.37 N | 40.19 -4.76 -0.02 N | 28.98 -3.05 0.00 N | 23.47 -2.11 0.00 N | 19.91 -1.60 0.00 N | 13.90 -0.54 0.00 N | 11.37 -0.23 0.00 N |
| ONEIDA_HERK_LFGE 323681 | 22.63 0.53 0.00 N | 17.04 0.37 0.00 N | 20.94 0.43 0.00 N | 6.83 0.13 0.00 N | -20.94 -0.45 -0.10 N | 19.14 0.42 -1.02 N | 23.36 0.63 -1.10 N | 19.03 0.53 -0.82 N | 18.54 0.44 0.36 N | 25.33 0.58 0.06 N | 28.42 0.54 0.00 N | 28.24 0.50 0.00 N | 27.57 0.51 0.00 N | 27.57 0.57 0.00 N | 29.39 0.74 -0.82 N | 29.44 0.80 -1.22 N | 30.04 0.74 -1.23 N | 36.13 0.91 -1.35 N | 46.31 1.15 -0.23 N | 32.86 0.83 0.00 N | 26.20 0.61 0.00 N | 21.97 0.47 0.00 N | 14.72 0.28 0.00 N | 12.80 0.18 -1.01 N |
| ONONDAGA_REF_OCCRA 23987 | 22.06 -0.14 -0.11 N | 17.29 -0.14 -0.76 N | 20.43 -0.21 -0.14 N | 9.38 -0.08 -2.75 N | -13.85 0.20 -6.54 N | 19.19 -0.14 -1.63 N | 22.51 -0.03 -0.91 N | 19.58 -0.01 -1.92 N | 19.89 0.04 -1.38 N | 25.14 0.08 -0.25 N | 27.95 0.07 0.00 N | 27.77 0.03 0.00 N | 27.10 0.04 0.00 N | 27.03 0.04 0.00 N | 27.87 0.04 0.00 N | 27.49 0.06 0.00 N | 28.27 0.20 0.00 N | 34.32 0.21 -0.23 N | 45.13 0.19 -0.01 N | 32.20 0.17 0.00 N | 25.72 0.13 0.00 N | 21.57 0.06 0.00 N | 14.50 0.06 0.00 N | 11.64 0.05 0.00 N |
| ONONDAGA___COGEN 23986 | 21.91 -0.28 -0.10 N | 17.12 -0.23 -0.68 N | 20.32 -0.31 -0.12 N | 9.07 -0.10 -2.47 N | -14.40 0.31 -5.87 N | 18.94 -0.23 -1.47 N | 22.27 -0.17 -0.82 N | 19.26 -0.14 -1.72 N | 19.59 -0.12 -0.22 N | 24.90 -0.15 -0.18 N | 27.70 -0.23 0.00 N | 27.51 -0.23 0.00 N | 26.84 -0.22 0.00 N | 26.76 -0.23 0.00 N | 27.59 -0.24 0.00 N | 27.26 -0.16 0.00 N | 28.17 0.11 0.00 N | 34.16 0.05 -0.24 N | 44.88 -0.06 -0.01 N | 32.04 0.02 0.00 N | 25.62 0.03 0.00 N | 21.48 -0.02 0.00 N | 14.46 0.01 0.00 N | 11.61 0.01 0.00 N |
| ONTARIO___LFGE 23819 | 22.66 0.37 -0.20 N | 18.23 0.18 -1.39 N | 20.88 0.13 -0.25 N | 11.79 0.03 -5.05 N | -8.67 -0.09 -12.01 N | 20.87 0.17 -3.00 N | 23.82 0.52 -1.67 N | 21.54 0.34 -3.52 N | 21.47 0.47 -2.53 N | 25.89 0.62 -0.45 N | 28.54 0.66 0.00 N | 28.38 0.64 0.00 N | 27.74 0.68 0.00 N | 27.70 0.71 0.00 N | 28.59 0.76 0.00 N | 28.14 0.71 0.00 N | 28.53 0.46 0.00 N | 34.56 0.34 -0.34 N | 45.20 0.25 -0.02 N | 32.34 0.31 0.00 N | 25.89 0.30 0.00 N | 21.73 0.22 0.00 N | 14.67 0.23 0.00 N | 11.80 0.21 0.00 N |
| OSWEGATCHIE___HYD 24044 | 22.06 -0.04 0.00 N | 16.59 -0.08 0.00 N | 20.43 -0.08 0.00 N | 6.68 -0.03 0.00 N | -19.95 0.13 -0.51 N | 22.69 -0.14 -5.13 N | 26.74 -0.42 -5.53 N | 22.08 -0.31 -4.71 N | 23.18 -0.59 -5.30 N | 30.01 -0.80 -5.98 N | 33.62 -0.60 -6.33 N | 32.67 -0.37 -5.30 N | 27.73 -0.38 -1.04 N | 29.74 -0.38 -3.13 N | 32.99 -0.53 -5.70 N | 32.91 -0.64 -6.12 N | 33.27 -0.97 -6.17 N | 39.52 -1.15 -6.79 N | 44.75 -1.31 -1.14 N | 31.14 -0.89 0.00 N | 24.89 -0.69 0.00 N | 21.11 -0.39 0.00 N | 14.17 -0.27 0.00 N | 16.40 -0.29 -5.10 N |
| OSWEGO___5 23606 | 21.52 -0.62 -0.05 N | 16.54 -0.47 -0.34 N | 19.96 -0.61 -0.06 N | 7.76 -0.20 -1.26 N | -16.99 0.62 -2.98 N | 17.92 -0.52 -0.74 N | 21.46 -0.58 -0.41 N | 18.06 -0.49 -0.87 N | 18.62 -0.48 -0.63 N | 24.30 -0.63 -0.11 N | 27.16 -0.73 0.00 N | 26.99 -0.75 0.00 N | 26.33 -0.73 0.00 N | 26.26 -0.73 0.00 N | 27.07 -0.75 0.00 N | 26.73 -0.69 0.00 N | 27.54 -0.52 0.00 N | 33.34 -0.71 -0.17 N | 43.91 -1.03 -0.01 N | 31.35 -0.68 0.00 N | 25.07 -0.52 0.00 N | 21.05 -0.46 0.00 N | 14.17 -0.27 0.00 N | 11.39 -0.21 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| OSWEGO___6 23613 | 21.52 -0.62 -0.05 N | 16.54 -0.47 -0.34 N | 19.96 -0.61 -0.06 N | 7.76 -0.20 -1.26 N | -16.99 0.62 -2.98 N | 17.92 -0.52 -0.74 N | 21.46 -0.58 -0.41 N | 18.06 -0.49 -0.87 N | 18.62 -0.48 -0.63 N | 24.30 -0.63 -0.11 N | 27.16 -0.73 0.00 N | 26.99 -0.75 0.00 N | 26.33 -0.73 0.00 N | 26.26 -0.73 0.00 N | 27.07 -0.75 0.00 N | 26.73 -0.69 0.00 N | 27.54 -0.52 0.00 N | 33.34 -0.71 -0.17 N | 43.91 -1.03 -0.01 N | 31.35 -0.68 0.00 N | 25.07 -0.52 0.00 N | 21.05 -0.46 0.00 N | 14.17 -0.27 0.00 N | 11.39 -0.21 0.00 N |
| OUTOKUMPU-AB___DRP 24206 | 22.08 -0.24 -0.22 N | 17.99 -0.25 -1.57 N | 20.37 -0.42 -0.28 N | 12.31 -0.12 -5.73 N | -6.34 0.64 -13.60 N | 20.61 -0.48 -3.40 N | 22.98 -0.55 -1.89 N | 20.73 -0.93 -3.99 N | 20.49 -0.88 -2.91 N | 24.05 -1.29 -0.52 N | 26.32 -1.56 0.00 N | 26.14 -1.60 0.00 N | 25.69 -1.37 0.00 N | 25.64 -1.35 0.00 N | 26.50 -1.33 0.00 N | 26.12 -1.31 0.00 N | 26.40 -1.66 0.00 N | 31.77 -2.49 -0.38 N | 41.51 -3.44 -0.02 N | 29.91 -2.13 0.00 N | 24.17 -1.41 0.00 N | 20.46 -1.05 0.00 N | 14.22 -0.22 0.00 N | 11.60 0.00 0.00 N |
| OXBOW___ 24026 | 21.91 -0.41 -0.22 N | 17.86 -0.36 -1.56 N | 20.25 -0.54 -0.28 N | 12.23 -0.16 -5.68 N | -6.31 0.79 -13.49 N | 20.44 -0.63 -3.37 N | 22.75 -0.75 -1.88 N | 20.51 -1.12 -3.95 N | 20.27 -1.08 -2.88 N | 23.77 -1.56 -0.51 N | 26.01 -1.87 0.00 N | 25.83 -1.91 0.00 N | 25.38 -1.68 0.00 N | 25.33 -1.67 0.00 N | 26.18 -1.65 0.00 N | 25.82 -1.61 0.00 N | 26.10 -1.96 0.00 N | 31.39 -2.87 -0.37 N | 41.00 -3.95 -0.02 N | 29.56 -2.47 0.00 N | 23.91 -1.68 0.00 N | 20.25 -1.25 0.00 N | 14.10 -0.34 0.00 N | 11.51 -0.08 0.00 N |
| OXY_CHEM_DSASP 323612 | 21.63 -0.68 -0.22 N | 17.66 -0.55 -1.54 N | 20.02 -0.76 -0.28 N | 12.11 -0.23 -5.63 N | -6.19 1.02 -13.38 N | 20.19 -0.85 -3.34 N | 22.41 -1.08 -1.86 N | 20.18 -1.41 -3.92 N | 19.93 -1.39 -2.85 N | 23.33 -2.00 -0.51 N | 25.50 -2.38 0.00 N | 25.34 -2.40 0.00 N | 24.89 -2.17 0.00 N | 24.85 -2.15 0.00 N | 25.67 -2.16 0.00 N | 25.33 -2.09 0.00 N | 25.62 -2.44 0.00 N | 30.77 -3.48 -0.37 N | 40.19 -4.76 -0.02 N | 28.98 -3.05 0.00 N | 23.47 -2.11 0.00 N | 19.91 -1.60 0.00 N | 13.90 -0.54 0.00 N | 11.37 -0.23 0.00 N |
| PEEKSKILL___ 23653 | 25.29 1.95 -1.25 N | 26.67 1.29 -8.71 N | 23.53 1.47 -1.56 N | 38.86 0.49 -31.67 N | 53.21 -1.46 -75.26 N | 37.95 1.46 -18.79 N | 34.21 2.11 -10.47 N | 41.55 1.85 -22.02 N | 36.32 2.04 -15.82 N | 30.22 2.78 -2.61 N | 30.94 3.16 0.11 N | 30.84 3.14 0.04 N | 30.10 3.07 0.03 N | 30.05 3.09 0.04 N | 31.03 3.20 0.00 N | 30.57 3.15 0.00 N | 31.15 3.08 0.00 N | 40.09 3.81 -2.41 N | 50.07 5.01 -0.12 N | 35.52 3.49 0.00 N | 28.36 2.77 0.00 N | 23.72 2.21 0.00 N | 15.83 1.39 0.00 N | 12.65 1.05 0.00 N |
| PGE MADISON___WINDPWR 24146 | 24.25 1.65 -0.50 N | 21.27 1.12 -3.48 N | 22.46 1.33 -0.62 N | 19.73 0.36 -12.66 N | 8.09 -1.40 -30.08 N | 26.47 1.26 -7.51 N | 27.93 2.11 -4.18 N | 28.33 1.85 -8.81 N | 26.82 2.02 -6.34 N | 28.56 2.61 -1.13 N | 30.70 2.81 0.00 N | 30.47 2.73 0.00 N | 29.77 2.71 0.00 N | 29.79 2.79 0.00 N | 30.81 2.98 0.00 N | 30.06 2.64 0.00 N | 29.97 1.90 0.00 N | 37.23 2.63 -0.71 N | 48.82 3.85 -0.04 N | 34.81 2.77 0.00 N | 27.57 1.99 0.00 N | 22.92 1.41 0.00 N | 15.28 0.83 0.00 N | 12.16 0.56 0.00 N |
| PIERCEFIELD___HYD 23852 | 21.63 -0.47 0.00 N | 16.26 -0.41 0.00 N | 20.08 -0.43 0.00 N | 6.56 -0.15 0.00 N | -19.31 0.53 -0.75 N | 24.75 -0.54 -7.59 N | 28.76 -1.04 -8.17 N | 23.81 -0.82 -6.96 N | 24.85 -1.33 -7.72 N | 31.69 -1.84 -8.71 N | 35.24 -1.85 -9.21 N | 33.97 -1.48 -7.71 N | 27.13 -1.44 -1.51 N | 30.08 -1.47 -4.55 N | 34.58 -1.63 -8.38 N | 34.71 -1.75 -9.04 N | 35.04 -2.15 -9.12 N | 41.35 -2.56 -10.03 N | 43.59 -3.01 -1.68 N | 29.97 -2.06 0.00 N | 24.01 -1.57 0.00 N | 20.57 -0.93 0.00 N | 13.88 -0.56 0.00 N | 18.66 -0.47 -7.53 N |
| PINELAWN_CC_1 323563 | 129.37 2.62 -104.65 N | 27.17 1.74 -8.77 N | 24.06 1.97 -1.57 N | 39.24 0.64 -31.88 N | 53.45 -1.73 -75.76 N | 38.28 1.67 -18.92 N | 34.59 2.42 -10.54 N | 41.82 1.98 -22.17 N | 36.55 2.16 -15.93 N | 31.14 2.63 -3.69 N | 32.39 3.36 -1.15 N | 33.12 3.40 -1.98 N | 38.53 3.35 -8.12 N | 56.31 3.40 -25.91 N | 31.25 3.42 0.00 N | 30.73 3.30 0.00 N | 31.12 3.05 0.00 N | 40.04 3.74 -2.43 N | 50.19 5.14 -0.13 N | 35.68 3.65 0.00 N | 30.28 3.11 -1.58 N | 23.91 2.40 0.00 N | 15.93 1.49 0.00 N | 12.82 1.22 0.00 N |
| PJM_GEN_KEystone 24065 | 23.44 0.71 -0.08 N | 21.73 0.32 -4.75 N | 21.61 0.26 -0.85 N | 24.03 0.07 -17.25 N | 20.12 -0.29 -40.99 N | 28.29 0.36 -10.23 N | 28.06 0.72 -5.70 N | 31.16 0.49 -13.59 N | 27.76 0.66 -8.63 N | 28.05 0.91 -2.93 N | 28.03 0.93 0.00 N | 28.50 0.83 0.00 N | 28.03 0.97 0.00 N | 28.01 1.02 0.00 N | 28.95 1.12 0.00 N | 28.52 1.09 0.00 N | 28.83 0.76 0.00 N | 35.87 0.75 -1.24 N | 45.86 0.87 -0.06 N | 32.70 0.67 0.00 N | 26.17 0.58 0.00 N | 22.00 0.50 0.00 N | 14.87 0.43 0.00 N | 12.01 0.41 0.00 N |
| PJM_GEN_NEPTUNE_PROXY 323594 | 128.01 2.42 -102.93 N | 26.99 1.55 -8.77 N | 23.84 1.77 -1.57 N | 39.17 0.58 -31.88 N | 53.56 -1.61 -75.76 N | 38.29 1.68 -18.92 N | 34.62 2.45 -10.54 N | 44.16 1.96 -25.12 N | 36.63 2.24 -15.93 N | 33.03 2.83 -5.99 N | 33.86 3.46 -3.30 N | 35.17 3.54 -3.96 N | 38.66 3.47 -8.12 N | 56.42 3.51 -25.91 N | 31.40 3.57 0.00 N | 30.74 3.42 -0.11 N | 31.36 3.30 0.00 N | 40.21 3.91 -2.43 N | 50.37 5.31 -0.13 N | 36.64 3.83 0.00 N | 30.27 3.10 -1.58 N | 23.91 2.40 0.00 N | 15.95 1.51 0.00 N | 12.80 1.21 0.00 N |
| PJM_GEN_VFT_PROXY 323633 | 24.87 2.07 -0.14 N | 26.76 1.32 -8.77 N | 23.56 1.49 -1.57 N | 39.09 0.50 -31.88 N | 53.70 -1.47 -75.76 N | 38.12 1.50 -18.91 N | 34.37 2.20 -10.54 N | 44.08 1.88 -25.12 N | 36.61 2.22 -15.93 N | 36.44 2.99 -9.25 N | 36.11 3.36 -5.65 N | 33.26 3.43 -2.16 N | 31.30 3.37 -0.87 N | 31.40 3.38 -1.03 N | 31.27 3.44 0.00 N | 30.72 3.40 -0.11 N | 31.41 3.34 0.00 N | 40.30 4.00 -2.42 N | 50.26 5.20 -0.13 N | 36.60 3.79 0.00 N | 28.59 3.01 0.00 N | 23.93 2.43 0.00 N | 15.97 1.53 0.00 N | 12.71 1.11 0.00 N |
| PLEASANTVLY___LBMP 24000 | 25.28 1.88 -1.30 N | 27.05 1.29 -9.09 N | 23.63 1.50 -1.63 N | 40.26 0.50 -33.05 N | 56.46 -1.48 -78.53 N | 38.73 1.43 -19.61 N | 34.54 1.99 -10.93 N | 42.39 1.73 -22.98 N | 36.88 1.91 -16.51 N | 30.36 2.60 -2.94 N | 30.81 2.92 0.00 N | 30.65 2.91 0.00 N | 29.89 2.83 0.00 N | 29.85 2.85 0.00 N | 30.79 2.96 0.00 N | 30.35 2.92 0.00 N | 30.94 2.87 0.00 N | 39.93 3.54 -2.52 N | 49.73 4.66 -0.13 N | 35.28 3.24 0.00 N | 28.13 2.54 0.00 N | 23.53 2.03 0.00 N | 15.72 1.28 0.00 N | 12.58 0.99 0.00 N |
| POLETTI___ 23519 | 25.43 2.08 -1.26 N | 26.80 1.36 -8.77 N | 23.62 1.54 -1.57 N | 39.11 0.52 -31.88 N | 45.70 -1.49 -67.78 N | 36.42 1.54 -17.19 N | 34.41 2.24 -10.54 N | 41.83 1.99 -22.16 N | 36.62 2.23 -15.93 N | 32.49 3.04 -4.63 N | 32.86 3.45 -1.52 N | 32.45 3.45 -1.26 N | 31.32 3.38 -0.87 N | 31.42 3.40 -1.03 N | 31.29 3.46 0.00 N | 30.85 3.42 0.00 N | 31.27 3.36 0.16 N | 39.02 4.04 -1.10 N | 49.26 5.26 0.93 N | 35.71 3.69 0.01 N | 28.56 2.97 0.00 N | 23.92 2.41 0.00 N | 15.96 1.52 0.00 N | 12.72 1.13 0.00 N |
| PORT_JEFF_3 23555 | 129.67 2.92 -104.65 N | 27.39 1.95 -8.77 N | 24.31 2.23 -1.57 N | 39.30 0.71 -31.88 N | 53.21 -1.97 -75.76 N | 38.65 2.04 -18.92 N | 35.16 2.99 -10.54 N | 42.14 2.29 -22.17 N | 36.77 2.38 -15.93 N | 31.49 2.98 -3.69 N | 32.85 3.82 -1.15 N | 33.56 3.85 -1.98 N | 39.00 3.81 -8.12 N | 56.77 3.86 -25.91 N | 31.59 3.77 0.00 N | 31.03 3.61 0.00 N | 31.53 3.47 0.00 N | 40.62 4.32 -2.43 N | 51.15 6.09 -0.13 N | 36.35 4.32 0.00 N | 30.79 3.62 -1.58 N | 24.27 2.76 0.00 N | 16.21 1.76 0.00 N | 13.05 1.45 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 | N |
| PORT_JEFF_4 23616 | 129.67 2.92 -104.65 N | 27.39 1.95 -8.77 N | 24.31 2.23 -1.57 N | 39.30 0.71 -31.88 N | 53.21 -1.97 -75.76 N | 38.65 2.04 -18.92 N | 35.16 2.99 -10.54 N | 42.14 2.29 -22.17 N | 36.77 2.38 -15.93 N | 31.49 2.98 -3.69 N | 32.85 3.82 -1.15 N | 33.56 3.85 -1.98 N | 39.00 3.81 -8.12 N | 56.77 3.86 -25.91 N | 31.59 3.77 0.00 N | 31.03 3.61 0.00 N | 31.53 3.47 0.00 N | 40.62 4.32 -2.43 N | 51.15 6.09 -0.13 N | 36.35 4.32 0.00 N | 30.79 3.62 -1.58 N | 24.27 2.76 0.00 N | 16.21 1.76 0.00 N | 13.05 1.45 0.00 N | | |
| PORT_JEFF_IC 23713 | 129.79 3.05 -104.65 N | 27.47 2.03 -8.77 N | 24.40 2.33 -1.57 N | 39.33 0.74 -31.88 N | 53.11 -2.06 -75.76 N | 38.74 2.13 -18.92 N | 35.28 3.11 -10.54 N | 42.20 2.36 -22.17 N | 36.86 2.46 -15.93 N | 31.62 3.10 -3.69 N | 32.99 3.95 -1.15 N | 33.69 3.97 -1.98 N | 39.12 3.93 -8.12 N | 56.89 3.98 -25.91 N | 31.71 3.88 0.00 N | 31.16 3.74 0.00 N | 31.68 3.61 0.00 N | 40.82 4.52 -2.43 N | 51.45 6.39 -0.13 N | 36.54 4.50 0.00 N | 30.99 3.82 -1.58 N | 24.42 2.91 0.00 N | 16.30 1.86 0.00 N | 13.11 1.52 0.00 N | | |
| PPL_PILGRIM_ST_GT1 24216 | 129.60 2.85 -104.65 N | 27.33 1.90 -8.77 N | 24.25 2.17 -1.57 N | 39.30 0.71 -31.88 N | 53.22 -1.96 -75.76 N | 38.62 2.01 -18.92 N | 35.09 2.92 -10.54 N | 42.12 2.28 -22.17 N | 36.79 2.40 -15.93 N | 31.53 3.01 -3.69 N | 32.81 3.78 -1.15 N | 33.52 3.81 -1.98 N | 38.93 3.74 -8.12 N | 56.80 3.89 -25.91 N | 31.68 3.86 0.00 N | 31.14 3.72 0.00 N | 31.60 3.53 0.00 N | 40.61 4.31 -2.43 N | 51.03 5.98 -0.13 N | 36.28 4.25 0.00 N | 30.72 3.55 -1.58 N | 24.31 2.80 0.00 N | 16.20 1.76 0.00 N | 13.03 1.43 0.00 N | | |
| PPL_PILGRIM_ST_GT2 24217 | 129.60 2.85 -104.65 N | 27.33 1.90 -8.77 N | 24.25 2.17 -1.57 N | 39.30 0.71 -31.88 N | 53.22 -1.96 -75.76 N | 38.62 2.01 -18.92 N | 35.09 2.92 -10.54 N | 42.12 2.28 -22.17 N | 36.79 2.40 -15.93 N | 31.53 3.01 -3.69 N | 32.81 3.78 -1.15 N | 33.52 3.81 -1.98 N | 38.93 3.74 -8.12 N | 56.80 3.89 -25.91 N | 31.68 3.86 0.00 N | 31.14 3.72 0.00 N | 31.60 3.53 0.00 N | 40.61 4.31 -2.43 N | 51.03 5.98 -0.13 N | 36.28 4.25 0.00 N | 30.72 3.55 -1.58 N | 24.31 2.80 0.00 N | 16.20 1.76 0.00 N | 13.03 1.43 0.00 N | | |
| PPL_SHRM_GT3 24213 | 129.09 2.34 -104.65 N | 27.03 1.59 -8.77 N | 23.89 1.82 -1.57 N | 39.18 0.59 -31.88 N | 53.62 -1.55 -75.76 N | 38.29 1.68 -18.92 N | 34.68 2.50 -10.54 N | 41.68 1.84 -22.17 N | 36.31 1.92 -15.93 N | 30.85 2.33 -3.69 N | 32.07 3.04 -1.15 N | 32.77 3.05 -1.98 N | 38.20 3.01 -8.12 N | 55.97 3.06 -25.91 N | 30.62 2.79 0.00 N | 30.02 2.60 0.00 N | 30.45 2.39 0.00 N | 39.39 3.09 -2.43 N | 50.04 4.98 -0.13 N | 35.63 3.60 0.00 N | 30.24 3.07 -1.58 N | 23.72 2.21 0.00 N | 15.82 1.38 0.00 N | 12.78 1.18 0.00 N | | |
| PPL_SHRM_GT4 24214 | 129.09 2.34 -104.65 N | 27.03 1.59 -8.77 N | 23.89 1.82 -1.57 N | 39.18 0.59 -31.88 N | 53.62 -1.55 -75.76 N | 38.29 1.68 -18.92 N | 34.68 2.50 -10.54 N | 41.68 1.84 -22.17 N | 36.31 1.92 -15.93 N | 30.85 2.33 -3.69 N | 32.07 3.04 -1.15 N | 32.77 3.05 -1.98 N | 38.20 3.01 -8.12 N | 55.97 3.06 -25.91 N | 30.62 2.79 0.00 N | 30.02 2.60 0.00 N | 30.45 2.39 0.00 N | 39.39 3.09 -2.43 N | 50.04 4.98 -0.13 N | 35.63 3.60 0.00 N | 30.24 3.07 -1.58 N | 23.72 2.21 0.00 N | 15.82 1.38 0.00 N | 12.78 1.18 0.00 N | | |
| PROJECT___ORANGE 1 24174 | 21.86 -0.31 -0.07 N | 16.93 -0.25 -0.51 N | 20.24 -0.35 -0.09 N | 8.46 -0.12 -1.87 N | -15.79 0.35 -4.44 N | 18.54 -0.27 -1.11 N | 22.04 -0.21 -0.62 N | 18.81 -0.17 -1.30 N | 19.28 -0.12 -0.94 N | 24.85 -0.14 -0.17 N | 27.72 -0.16 0.00 N | 27.54 -0.20 0.00 N | 26.87 -0.19 0.00 N | 26.81 -0.19 0.00 N | 27.63 -0.20 0.00 N | 27.29 -0.13 0.00 N | 28.21 0.14 0.00 N | 34.18 0.10 -0.20 N | 44.95 0.01 -0.01 N | 32.07 0.04 0.00 N | 25.62 0.03 0.00 N | 21.49 -0.02 0.00 N | 14.46 0.02 0.00 N | 11.61 0.01 0.00 N | | |
| PROJECT___ORANGE 2 24166 | 21.86 -0.31 -0.07 N | 16.93 -0.25 -0.51 N | 20.24 -0.35 -0.09 N | 8.46 -0.12 -1.87 N | -15.79 0.35 -4.44 N | 18.54 -0.27 -1.11 N | 22.04 -0.21 -0.62 N | 18.81 -0.17 -1.30 N | 19.28 -0.12 -0.94 N | 24.85 -0.14 -0.17 N | 27.72 -0.16 0.00 N | 27.54 -0.20 0.00 N | 26.87 -0.19 0.00 N | 26.81 -0.19 0.00 N | 27.63 -0.20 0.00 N | 27.29 -0.13 0.00 N | 28.21 0.14 0.00 N | 34.18 0.10 -0.20 N | 44.95 0.01 -0.01 N | 32.07 0.04 0.00 N | 25.62 0.03 0.00 N | 21.49 -0.02 0.00 N | 14.46 0.02 0.00 N | 11.61 0.01 0.00 N | | |
| PYRITES___HYD 24023 | 21.81 -0.29 0.00 N | 16.38 -0.29 0.00 N | 20.23 -0.28 0.00 N | 6.60 -0.10 0.00 N | -19.53 0.35 -0.70 N | 24.36 -0.38 -7.04 N | 28.41 -0.80 -7.58 N | 23.52 -0.61 -6.45 N | 24.52 -1.10 -7.16 N | 31.38 -1.52 -8.08 N | 34.93 -1.50 -8.54 N | 33.74 -1.16 -7.15 N | 27.33 -1.13 -1.40 N | 30.06 -1.16 -4.22 N | 34.28 -1.32 -7.77 N | 34.35 -1.46 -8.38 N | 34.71 -1.82 -8.46 N | 41.04 -2.14 -9.30 N | 44.02 -2.47 -1.56 N | 30.35 -1.68 0.00 N | 24.30 -1.28 0.00 N | 20.79 -0.72 0.00 N | 14.00 -0.44 0.00 N | 18.18 -0.40 -6.98 N | | |
| RAMAPO___LBMP 323565 | 25.24 1.92 -1.22 N | 26.46 1.27 -8.53 N | 23.47 1.43 -1.53 N | 38.19 0.48 -31.01 N | 51.65 -1.44 -73.68 N | 37.54 1.45 -18.40 N | 33.98 2.10 -10.25 N | 41.07 1.83 -21.56 N | 35.96 2.01 -15.49 N | 30.17 2.75 -2.60 N | 30.91 3.11 0.08 N | 30.79 3.08 0.03 N | 30.05 3.01 0.02 N | 30.02 3.05 0.03 N | 30.98 3.15 0.00 N | 30.53 3.10 0.00 N | 31.09 3.02 0.00 N | 39.99 3.76 -2.35 N | 49.99 4.94 -0.12 N | 35.49 3.46 0.00 N | 28.32 2.74 0.00 N | 23.70 2.19 0.00 N | 15.82 1.38 0.00 N | 12.65 1.05 0.00 N | | |
| RANKINE____ 23646 | 22.17 -0.17 -0.24 N | 18.10 -0.27 -1.70 N | 20.35 -0.46 -0.30 N | 12.76 -0.14 -6.19 N | -5.23 0.64 -14.72 N | 20.90 -0.47 -3.67 N | 23.24 -0.44 -2.05 N | 21.23 -0.76 -4.31 N | 20.95 -0.64 -3.13 N | 24.46 -0.92 -0.56 N | 26.73 -1.16 0.00 N | 26.54 -1.21 0.00 N | 26.10 -0.97 0.00 N | 26.04 -0.95 0.00 N | 26.92 -0.90 0.00 N | 26.52 -0.90 0.00 N | 26.76 -1.30 0.00 N | 32.27 -2.01 -0.40 N | 42.15 -2.81 -0.02 N | 30.30 -1.73 0.00 N | 24.45 -1.13 0.00 N | 20.69 -0.81 0.00 N | 14.29 -0.15 0.00 N | 11.62 0.03 0.00 N | | |
| RAVENSWOOD_GT2_1 24244 | 25.49 2.13 -1.26 N | 26.84 1.40 -8.77 N | 23.67 1.59 -1.57 N | 39.12 0.53 -31.88 N | 53.61 -1.57 -75.76 N | 38.20 1.59 -18.91 N | 34.46 2.29 -10.54 N | 41.87 2.02 -22.16 N | 36.65 2.26 -15.93 N | 36.44 3.10 -8.52 N | 34.40 3.52 -3.00 N | 32.48 3.51 -1.23 N | 31.35 3.43 -0.86 N | 31.45 3.45 -1.01 N | 31.35 3.52 0.00 N | 30.90 3.47 0.00 N | 31.48 3.41 0.00 N | 40.43 4.13 -2.42 N | 50.43 5.38 -0.13 N | 35.81 3.78 0.00 N | 28.62 3.03 0.00 N | 23.96 2.45 0.00 N | 15.98 1.54 0.00 N | 12.75 1.15 0.00 N | | |
| RAVENSWOOD_GT2_2 24245 | 25.49 2.13 -1.26 N | 26.84 1.40 -8.77 N | 23.67 1.59 -1.57 N | 39.12 0.53 -31.88 N | 53.61 -1.57 -75.76 N | 38.20 1.59 -18.91 N | 34.46 2.29 -10.54 N | 41.87 2.02 -22.16 N | 36.65 2.26 -15.93 N | 36.44 3.10 -8.52 N | 34.40 3.52 -3.00 N | 32.48 3.51 -1.23 N | 31.35 3.43 -0.86 N | 31.45 3.45 -1.01 N | 31.35 3.52 0.00 N | 30.90 3.47 0.00 N | 31.48 3.41 0.00 N | 40.43 4.13 -2.42 N | 50.43 5.38 -0.13 N | 35.81 3.78 0.00 N | 28.62 3.03 0.00 N | 23.96 2.45 0.00 N | 15.98 1.54 0.00 N | 12.75 1.15 0.00 N | | |
| RAVENSWOOD_GT2_3 | 25.49 | 26.85 | 23.68 | 39.13 | 53.59 | 38.20 | 34.47 | 41.88 | 36.67 | 36.46 | 34.43 | 32.50 | 31.37 | 31.47 | 31.37 | 30.92 | 31.51 | 40.46 | 50.47 | 35.84 | 28.64 | 23.97 | 16.00 | 12.76 | | |

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| 24246 | 2.14 -1.26 N | 1.41 -8.77 N | 1.60 -1.57 N | 0.54 -31.88 N | -1.58 -75.76 N | 1.59 -18.91 N | 2.30 -10.54 N | 2.03 -22.16 N | 2.27 -15.93 N | 3.12 -8.52 N | 3.54 -3.00 N | 3.53 -1.23 N | 3.45 -0.86 N | 3.47 -1.01 N | 3.54 0.00 N | 3.50 0.00 N | 3.44 0.00 N | 4.16 -2.42 N | 5.41 -0.13 N | 3.81 0.00 N | 3.06 0.00 N | 2.47 0.00 N | 1.56 0.00 N | 1.16 0.00 N |
| RAVENSWOOD_GT2_4 24247 | 25.49 2.14 -1.26 N | 26.85 1.41 -8.77 N | 23.68 1.60 -1.57 N | 39.13 0.54 -31.88 N | 53.59 -1.58 -75.76 N | 38.20 1.59 -18.91 N | 34.47 2.30 -10.54 N | 41.88 2.03 -22.16 N | 36.67 2.27 -15.93 N | 36.46 3.12 -8.52 N | 34.43 3.54 -3.00 N | 32.50 3.53 -1.23 N | 31.37 3.45 -0.86 N | 31.47 3.47 -1.01 N | 31.37 3.54 0.00 N | 30.92 3.50 0.00 N | 31.51 3.44 0.00 N | 40.46 4.16 -2.42 N | 50.47 5.41 -0.13 N | 35.84 3.81 0.00 N | 28.64 3.06 0.00 N | 23.97 2.47 0.00 N | 16.00 1.56 0.00 N | 12.76 1.16 0.00 N |
| RAVENSWOOD_GT3_1 24248 | 25.49 2.13 -1.26 N | 26.84 1.40 -8.77 N | 23.67 1.59 -1.57 N | 39.12 0.53 -31.88 N | 53.61 -1.57 -75.76 N | 38.20 1.59 -18.91 N | 34.46 2.29 -10.54 N | 41.87 2.02 -22.16 N | 36.65 2.26 -15.93 N | 36.44 3.10 -8.52 N | 34.40 3.52 -3.00 N | 32.48 3.51 -1.23 N | 31.35 3.43 -0.86 N | 31.45 3.45 -1.01 N | 31.35 3.52 0.00 N | 30.90 3.47 0.00 N | 31.48 3.41 0.00 N | 40.43 4.13 -2.42 N | 50.43 5.38 -0.13 N | 35.81 3.78 0.00 N | 28.62 3.04 0.00 N | 23.96 2.45 0.00 N | 15.98 1.54 0.00 N | 12.75 1.15 0.00 N |
| RAVENSWOOD_GT3_2 24249 | 25.49 2.13 -1.26 N | 26.84 1.40 -8.77 N | 23.67 1.59 -1.57 N | 39.12 0.53 -31.88 N | 53.61 -1.57 -75.76 N | 38.20 1.59 -18.91 N | 34.46 2.29 -10.54 N | 41.87 2.02 -22.16 N | 36.65 2.26 -15.93 N | 36.44 3.10 -8.52 N | 34.40 3.52 -3.00 N | 32.48 3.51 -1.23 N | 31.35 3.43 -0.86 N | 31.45 3.45 -1.01 N | 31.35 3.52 0.00 N | 30.90 3.47 0.00 N | 31.48 3.41 0.00 N | 40.43 4.13 -2.42 N | 50.43 5.38 -0.13 N | 35.81 3.78 0.00 N | 28.62 3.04 0.00 N | 23.96 2.45 0.00 N | 15.98 1.54 0.00 N | 12.75 1.15 0.00 N |
| RAVENSWOOD_GT3_3 24250 | 25.51 2.16 -1.26 N | 26.86 1.42 -8.77 N | 23.69 1.61 -1.57 N | 39.13 0.54 -31.88 N | 53.58 -1.59 -75.76 N | 38.22 1.61 -18.91 N | 34.49 2.32 -10.54 N | 41.89 2.05 -22.16 N | 36.68 2.29 -15.93 N | 36.48 3.14 -8.52 N | 34.44 3.56 -3.00 N | 32.53 3.56 -1.23 N | 31.39 3.48 -0.86 N | 31.49 3.49 -1.01 N | 31.39 3.57 0.00 N | 30.94 3.52 0.00 N | 31.53 3.46 0.00 N | 40.48 4.18 -2.42 N | 50.50 5.44 -0.13 N | 35.86 3.83 0.00 N | 28.66 3.07 0.00 N | 23.98 2.48 0.00 N | 16.01 1.56 0.00 N | 12.76 1.16 0.00 N |
| RAVENSWOOD_GT3_4 24251 | 25.51 2.16 -1.26 N | 26.86 1.42 -8.77 N | 23.69 1.61 -1.57 N | 39.13 0.54 -31.88 N | 53.58 -1.59 -75.76 N | 38.22 1.61 -18.91 N | 34.49 2.32 -10.54 N | 41.89 2.05 -22.16 N | 36.68 2.29 -15.93 N | 36.48 3.14 -8.52 N | 34.44 3.56 -3.00 N | 32.53 3.56 -1.23 N | 31.39 3.48 -0.86 N | 31.49 3.49 -1.01 N | 31.39 3.57 0.00 N | 30.94 3.52 0.00 N | 31.53 3.46 0.00 N | 40.48 4.18 -2.42 N | 50.50 5.44 -0.13 N | 35.86 3.83 0.00 N | 28.66 3.07 0.00 N | 23.98 2.48 0.00 N | 16.01 1.56 0.00 N | 12.76 1.16 0.00 N |
| RAVENSWOOD_GT_1 23729 | 25.59 2.24 -1.26 N | 26.91 1.47 -8.77 N | 23.76 1.68 -1.57 N | 39.15 0.56 -31.88 N | 53.54 -1.63 -75.76 N | 38.27 1.66 -18.91 N | 34.55 2.38 -10.54 N | 41.95 2.11 -22.16 N | 36.76 2.36 -15.93 N | 36.73 3.24 -8.67 N | 34.64 3.68 -3.08 N | 32.68 3.67 -1.27 N | 31.52 3.58 -0.88 N | 31.62 3.60 -1.03 N | 31.49 3.66 0.00 N | 31.02 3.60 0.00 N | 31.62 3.55 0.00 N | 40.58 4.28 -2.42 N | 50.61 5.55 -0.13 N | 35.96 3.93 0.00 N | 28.76 3.17 0.00 N | 24.09 2.57 -0.01 N | 16.07 1.62 0.00 N | 12.80 1.20 0.00 N |
| RAVENSWOOD_GT_10 24258 | 25.48 2.13 -1.26 N | 26.84 1.40 -8.77 N | 23.67 1.59 -1.57 N | 39.12 0.53 -31.88 N | 53.61 -1.56 -75.76 N | 38.20 1.58 -18.91 N | 34.45 2.28 -10.54 N | 41.87 2.02 -22.16 N | 36.65 2.26 -15.93 N | 36.43 3.10 -8.51 N | 34.39 3.51 -2.99 N | 32.47 3.50 -1.23 N | 31.34 3.42 -0.86 N | 31.44 3.44 -1.01 N | 31.35 3.51 0.00 N | 30.89 3.47 0.00 N | 31.48 3.41 0.00 N | 40.43 4.13 -2.42 N | 50.43 5.37 -0.13 N | 35.81 3.78 0.00 N | 28.62 3.03 0.00 N | 23.95 2.44 0.00 N | 15.98 1.54 0.00 N | 12.74 1.15 0.00 N |
| RAVENSWOOD_GT_11 24259 | 25.48 2.13 -1.26 N | 26.84 1.40 -8.77 N | 23.67 1.59 -1.57 N | 39.12 0.53 -31.88 N | 53.61 -1.56 -75.76 N | 38.20 1.58 -18.91 N | 34.45 2.28 -10.54 N | 41.87 2.02 -22.16 N | 36.65 2.26 -15.93 N | 36.43 3.10 -8.51 N | 34.39 3.51 -2.99 N | 32.47 3.50 -1.23 N | 31.34 3.42 -0.86 N | 31.44 3.44 -1.01 N | 31.35 3.51 0.00 N | 30.89 3.47 0.00 N | 31.48 3.41 0.00 N | 40.43 4.13 -2.42 N | 50.43 5.37 -0.13 N | 35.81 3.78 0.00 N | 28.62 3.03 0.00 N | 23.95 2.44 0.00 N | 15.98 1.54 0.00 N | 12.74 1.15 0.00 N |
| RAVENSWOOD_GT_4 24252 | 25.46 2.11 -1.26 N | 26.83 1.39 -8.77 N | 23.66 1.58 -1.57 N | 39.11 0.52 -31.88 N | 53.62 -1.56 -75.76 N | 38.18 1.57 -18.91 N | 34.44 2.27 -10.54 N | 41.85 2.01 -22.16 N | 36.63 2.24 -15.92 N | 36.34 3.07 -8.45 N | 34.33 3.49 -2.96 N | 32.43 3.48 -1.21 N | 31.31 3.40 -0.85 N | 31.41 3.42 -1.00 N | 31.33 3.49 0.00 N | 30.87 3.45 0.00 N | 31.45 3.38 0.00 N | 40.41 4.11 -2.42 N | 50.41 5.35 -0.13 N | 35.78 3.75 0.00 N | 28.59 3.01 0.00 N | 23.93 2.43 0.00 N | 15.97 1.53 0.00 N | 12.74 1.14 0.00 N |
| RAVENSWOOD_GT_5 24254 | 25.46 2.11 -1.26 N | 26.83 1.39 -8.77 N | 23.66 1.58 -1.57 N | 39.11 0.52 -31.88 N | 53.62 -1.56 -75.76 N | 38.18 1.57 -18.91 N | 34.44 2.27 -10.54 N | 41.85 2.01 -22.16 N | 36.63 2.24 -15.92 N | 36.34 3.07 -8.45 N | 34.33 3.49 -2.96 N | 32.43 3.48 -1.21 N | 31.31 3.40 -0.85 N | 31.41 3.42 -1.00 N | 31.33 3.49 0.00 N | 30.87 3.45 0.00 N | 31.45 3.38 0.00 N | 40.41 4.11 -2.42 N | 50.41 5.35 -0.13 N | 35.78 3.75 0.00 N | 28.59 3.01 0.00 N | 23.93 2.43 0.00 N | 15.97 1.53 0.00 N | 12.74 1.14 0.00 N |
| RAVENSWOOD_GT_6 24253 | 25.46 2.11 -1.26 N | 26.83 1.39 -8.77 N | 23.66 1.58 -1.57 N | 39.11 0.52 -31.88 N | 53.62 -1.56 -75.76 N | 38.18 1.57 -18.91 N | 34.44 2.27 -10.54 N | 41.85 2.01 -22.16 N | 36.63 2.24 -15.92 N | 36.34 3.07 -8.45 N | 34.33 3.49 -2.96 N | 32.43 3.48 -1.21 N | 31.31 3.40 -0.85 N | 31.41 3.42 -1.00 N | 31.33 3.49 0.00 N | 30.87 3.45 0.00 N | 31.45 3.38 0.00 N | 40.41 4.11 -2.42 N | 50.41 5.35 -0.13 N | 35.78 3.75 0.00 N | 28.59 3.01 0.00 N | 23.93 2.43 0.00 N | 15.97 1.53 0.00 N | 12.74 1.14 0.00 N |
| RAVENSWOOD_GT_7 24255 | 25.46 2.11 -1.26 N | 26.83 1.39 -8.77 N | 23.66 1.58 -1.57 N | 39.11 0.52 -31.88 N | 53.62 -1.56 -75.76 N | 38.18 1.57 -18.91 N | 34.44 2.27 -10.54 N | 41.85 2.01 -22.16 N | 36.63 2.24 -15.92 N | 36.34 3.07 -8.45 N | 34.33 3.49 -2.96 N | 32.43 3.48 -1.21 N | 31.31 3.40 -0.85 N | 31.41 3.42 -1.00 N | 31.33 3.49 0.00 N | 30.87 3.45 0.00 N | 31.45 3.38 0.00 N | 40.41 4.11 -2.42 N | 50.41 5.35 -0.13 N | 35.78 3.75 0.00 N | 28.59 3.01 0.00 N | 23.93 2.43 0.00 N | 15.97 1.53 0.00 N | 12.74 1.14 0.00 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 25.48 2.13 -1.26 N | 26.84 1.40 -8.77 N | 23.67 1.59 -1.57 N | 39.12 0.53 -31.88 N | 53.61 -1.56 -75.76 N | 38.20 1.58 -18.91 N | 34.45 2.28 -10.54 N | 41.87 2.02 -22.16 N | 36.65 2.26 -15.93 N | 36.43 3.10 -8.51 N | 34.39 3.51 -2.99 N | 32.47 3.50 -1.23 N | 31.34 3.42 -0.86 N | 31.44 3.44 -1.01 N | 31.35 3.51 0.00 N | 30.89 3.47 0.00 N | 31.48 3.41 0.00 N | 40.43 4.13 -2.42 N | 50.43 5.37 -0.13 N | 35.81 3.78 0.00 N | 28.62 3.03 0.00 N | 23.95 2.44 0.00 N | 15.98 1.54 0.00 N | 12.74 1.15 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| RAVENSWOOD_GT_9 24257 | 25.48 2.13 -1.26 N | 26.84 1.40 -8.77 N | 23.67 1.59 -1.57 N | 39.12 0.53 -31.88 N | 53.61 -1.56 -75.76 N | 38.20 1.58 -18.91 N | 34.45 2.28 -10.54 N | 41.87 2.02 -22.16 N | 36.65 2.26 -15.93 N | 36.43 3.10 -8.51 N | 34.39 3.51 -2.99 N | 32.47 3.50 -1.23 N | 31.34 3.42 -0.86 N | 31.44 3.44 -1.01 N | 31.35 3.51 0.00 N | 30.89 3.47 0.00 N | 31.48 3.41 0.00 N | 40.43 4.13 -2.42 N | 50.43 5.37 -0.13 N | 35.81 3.78 0.00 N | 28.62 3.03 0.00 N | 23.95 2.44 0.00 N | 15.98 1.54 0.00 N | 12.74 1.15 0.00 N |
| RAVENSWOOD____1 23533 | 25.58 2.23 -1.26 N | 26.90 1.47 -8.77 N | 23.75 1.67 -1.57 N | 39.15 0.56 -31.88 N | 53.55 -1.62 -75.76 N | 38.27 1.66 -18.91 N | 34.54 2.37 -10.54 N | 41.94 2.10 -22.16 N | 36.75 2.36 -15.93 N | 36.69 3.23 -8.64 N | 34.61 3.66 -3.06 N | 32.66 3.66 -1.26 N | 31.51 3.57 -0.88 N | 31.60 3.58 -1.02 N | 31.47 3.64 0.00 N | 31.01 3.59 0.00 N | 31.60 3.53 0.00 N | 40.56 4.26 -2.42 N | 50.58 5.52 -0.13 N | 35.94 3.91 0.00 N | 28.74 3.16 0.00 N | 24.08 2.56 -0.01 N | 16.07 1.62 0.00 N | 12.80 1.20 0.00 N |
| RAVENSWOOD____2 23534 | 25.57 2.22 -1.26 N | 26.90 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.15 0.56 -31.88 N | 53.56 -1.61 -75.76 N | 38.26 1.65 -18.91 N | 34.53 2.36 -10.54 N | 41.93 2.09 -22.16 N | 36.74 2.35 -15.93 N | 36.65 3.22 -8.61 N | 34.58 3.65 -3.05 N | 32.63 3.64 -1.26 N | 31.49 3.55 -0.87 N | 31.59 3.57 -1.02 N | 31.46 3.63 0.00 N | 31.00 3.58 0.00 N | 31.59 3.52 0.00 N | 40.55 4.25 -2.42 N | 50.56 5.51 -0.13 N | 35.93 3.90 0.00 N | 28.73 3.15 0.00 N | 24.06 2.55 -0.01 N | 16.06 1.61 0.00 N | 12.79 1.19 0.00 N |
| RAVENSWOOD____3 23535 | 25.49 2.13 -1.26 N | 26.84 1.40 -8.77 N | 23.67 1.59 -1.57 N | 39.12 0.53 -31.88 N | 53.61 -1.57 -75.76 N | 38.20 1.59 -18.91 N | 34.46 2.29 -10.54 N | 41.87 2.02 -22.16 N | 36.65 2.26 -15.93 N | 36.44 3.10 -8.52 N | 34.40 3.52 -3.00 N | 32.48 3.51 -1.23 N | 31.35 3.43 -0.86 N | 31.45 3.45 -1.01 N | 31.35 3.52 0.00 N | 30.90 3.47 0.00 N | 31.48 3.41 0.00 N | 40.43 4.13 -2.42 N | 50.45 5.39 -0.13 N | 35.82 3.78 0.00 N | 28.62 3.04 0.00 N | 23.96 2.45 0.00 N | 15.98 1.54 0.00 N | 12.75 1.15 0.00 N |
| RAVENSWOOD____4 23820 | 25.57 2.22 -1.26 N | 26.90 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.15 0.56 -31.88 N | 53.56 -1.61 -75.76 N | 38.26 1.65 -18.91 N | 34.53 2.36 -10.54 N | 41.93 2.09 -22.16 N | 36.74 2.35 -15.93 N | 36.65 3.22 -8.61 N | 34.58 3.65 -3.05 N | 32.63 3.64 -1.26 N | 31.49 3.55 -0.87 N | 31.59 3.57 -1.02 N | 31.46 3.63 0.00 N | 31.00 3.58 0.00 N | 31.59 3.52 0.00 N | 40.55 4.25 -2.42 N | 50.56 5.51 -0.13 N | 35.93 3.90 0.00 N | 28.73 3.15 0.00 N | 24.06 2.55 -0.01 N | 16.06 1.61 0.00 N | 12.79 1.19 0.00 N |
| RCPL_TRUST____DRP 24196 | 25.50 2.15 -1.26 N | 26.85 1.42 -8.77 N | 23.68 1.60 -1.57 N | 39.12 0.54 -31.88 N | 53.59 -1.58 -75.75 N | 38.21 1.60 -18.91 N | 34.49 2.32 -10.54 N | 41.89 2.05 -22.16 N | 36.68 2.29 -15.93 N | 36.73 3.14 -8.77 N | 34.59 3.58 -3.13 N | 32.59 3.57 -1.28 N | 31.44 3.49 -0.89 N | 31.54 3.50 -1.05 N | 31.39 3.56 0.00 N | 30.94 3.52 0.00 N | 31.52 3.45 0.00 N | 40.48 4.18 -2.42 N | 50.50 5.44 -0.13 N | 35.84 3.81 0.00 N | 28.64 3.05 0.00 N | 23.97 2.46 0.00 N | 15.99 1.55 0.00 N | 12.75 1.16 0.00 N |
| RENSSELAER____COGEN 23796 | 25.05 1.38 -1.57 N | 28.74 1.09 -10.98 N | 23.83 1.35 -1.97 N | 47.09 0.45 -39.93 N | 72.98 -1.31 -94.87 N | 42.52 1.14 -23.69 N | 36.18 1.35 -13.20 N | 46.41 0.92 -27.82 N | 39.44 0.98 -19.99 N | 29.73 1.35 -3.56 N | 29.34 1.46 0.00 N | 29.18 1.44 0.00 N | 28.46 1.39 0.00 N | 28.39 1.39 0.00 N | 29.33 1.50 0.00 N | 28.91 1.49 0.00 N | 29.49 1.42 0.00 N | 38.78 1.83 -3.07 N | 47.48 2.39 -0.16 N | 33.63 1.60 0.00 N | 26.77 1.19 0.00 N | 22.51 1.00 0.00 N | 15.09 0.65 0.00 N | 12.19 0.59 0.00 N |
| REVERE_CPPR_DRP 24186 | 22.92 0.79 -0.03 N | 17.44 0.56 -0.21 N | 21.18 0.63 -0.04 N | 7.67 0.18 -0.78 N | -19.44 -0.71 -1.86 N | 18.80 0.64 -0.46 N | 22.87 0.98 -0.26 N | 19.06 0.83 -0.55 N | 19.81 0.89 -0.46 N | 26.11 1.21 -0.08 N | 29.24 1.36 0.00 N | 29.09 1.35 0.00 N | 28.37 1.31 0.00 N | 28.33 1.34 0.00 N | 29.16 1.33 0.00 N | 28.71 1.28 0.00 N | 29.25 1.19 0.00 N | 35.36 1.43 -0.05 N | 46.73 1.80 0.00 N | 33.31 1.28 0.00 N | 26.54 0.96 0.00 N | 22.23 0.73 0.00 N | 14.91 0.46 0.00 N | 11.93 0.34 0.00 N |
| RIVERBAY____ 323610 | 25.56 2.21 -1.26 N | 26.88 1.44 -8.77 N | 23.72 1.65 -1.57 N | 39.15 0.56 -31.88 N | 53.57 -1.60 -75.76 N | 38.27 1.66 -18.91 N | 34.53 2.36 -10.54 N | 41.93 2.08 -22.16 N | 36.67 2.27 -15.93 N | 36.56 3.10 -8.64 N | 34.44 3.49 -3.06 N | 32.48 3.47 -1.26 N | 31.38 3.44 -0.88 N | 31.51 3.49 -1.02 N | 31.41 3.58 0.00 N | 30.95 3.53 0.00 N | 31.55 3.48 0.00 N | 40.48 4.18 -2.42 N | 50.48 5.42 -0.13 N | 35.92 3.88 0.00 N | 28.75 3.16 0.00 N | 24.06 2.55 -0.01 N | 16.05 1.61 0.00 N | 12.78 1.18 0.00 N |
| ROCHESTER_9_IC 23652 | 22.22 -0.04 -0.16 N | 17.68 -0.08 -1.09 N | 20.54 -0.16 -0.20 N | 10.64 -0.05 -3.98 N | -10.82 0.31 -9.45 N | 19.91 -0.15 -2.36 N | 22.92 -0.03 -1.32 N | 20.28 -0.17 -2.77 N | 20.34 -0.09 -1.98 N | 25.03 -0.15 -0.35 N | 27.68 -0.21 0.00 N | 27.52 -0.22 0.00 N | 26.93 -0.13 0.00 N | 26.84 -0.15 0.00 N | 27.69 -0.13 0.00 N | 27.33 -0.10 0.00 N | 27.91 -0.15 0.00 N | 33.70 -0.48 -0.29 N | 44.18 -0.76 -0.02 N | 31.65 -0.38 0.00 N | 25.42 -0.17 0.00 N | 21.33 -0.18 0.00 N | 14.50 0.06 0.00 N | 11.70 0.10 0.00 N |
| ROSETON____1 23587 | 25.17 1.82 -1.26 N | 26.67 1.25 -8.76 N | 23.52 1.44 -1.57 N | 39.02 0.48 -31.83 N | 53.63 -1.43 -75.65 N | 37.96 1.38 -18.89 N | 34.09 1.94 -10.53 N | 41.49 1.68 -22.13 N | 36.22 1.85 -15.90 N | 30.18 2.52 -2.83 N | 30.72 2.84 0.00 N | 30.56 2.82 0.00 N | 29.81 2.75 0.00 N | 29.76 2.77 0.00 N | 30.71 2.88 0.00 N | 30.26 2.84 0.00 N | 30.85 2.78 0.00 N | 39.72 3.43 -2.42 N | 49.56 4.50 -0.13 N | 35.17 3.14 0.00 N | 28.05 2.47 0.00 N | 23.48 1.97 0.00 N | 15.68 1.24 0.00 N | 12.56 0.96 0.00 N |
| ROSETON____2 23588 | 25.17 1.82 -1.26 N | 26.67 1.25 -8.76 N | 23.52 1.44 -1.57 N | 39.02 0.48 -31.83 N | 53.63 -1.43 -75.65 N | 37.96 1.38 -18.89 N | 34.09 1.94 -10.53 N | 41.49 1.68 -22.13 N | 36.22 1.85 -15.90 N | 30.18 2.52 -2.83 N | 30.72 2.84 0.00 N | 30.56 2.82 0.00 N | 29.81 2.75 0.00 N | 29.76 2.77 0.00 N | 30.71 2.88 0.00 N | 30.26 2.84 0.00 N | 30.85 2.78 0.00 N | 39.72 3.43 -2.42 N | 49.56 4.50 -0.13 N | 35.17 3.14 0.00 N | 28.05 2.47 0.00 N | 23.48 1.97 0.00 N | 15.68 1.24 0.00 N | 12.56 0.96 0.00 N |
| RUSSELL____1 23602 | 22.81 0.56 -0.16 N | 18.10 0.34 -1.09 N | 21.03 0.33 -0.20 N | 10.80 0.12 -3.98 N | -11.35 -0.22 -9.45 N | 20.39 0.33 -2.36 N | 23.66 0.71 -1.32 N | 20.84 0.39 -2.77 N | 20.91 0.46 -1.98 N | 25.80 0.62 -0.35 N | 28.47 0.59 0.00 N | 28.33 0.59 0.00 N | 27.79 0.73 0.00 N | 27.72 0.72 0.00 N | 28.61 0.78 0.00 N | 28.28 0.85 0.00 N | 28.87 0.81 0.00 N | 34.84 0.67 -0.29 N | 45.57 0.62 -0.02 N | 32.68 0.65 0.00 N | 26.30 0.72 0.00 N | 22.08 0.58 0.00 N | 14.98 0.54 0.00 N | 12.05 0.45 0.00 N |
| RUSSELL____2 23532 | 22.81 0.56 -0.16 N | 18.10 0.34 -1.09 N | 21.03 0.33 -0.20 N | 10.80 0.12 -3.98 N | -11.35 -0.22 -9.45 N | 20.39 0.33 -2.36 N | 23.66 0.71 -1.32 N | 20.84 0.39 -2.77 N | 20.91 0.46 -1.98 N | 25.80 0.62 -0.35 N | 28.47 0.59 0.00 N | 28.33 0.59 0.00 N | 27.79 0.73 0.00 N | 27.72 0.72 0.00 N | 28.61 0.78 0.00 N | 28.28 0.85 0.00 N | 28.87 0.81 0.00 N | 34.84 0.67 -0.29 N | 45.57 0.62 -0.02 N | 32.68 0.65 0.00 N | 26.30 0.72 0.00 N | 22.08 0.58 0.00 N | 14.98 0.54 0.00 N | 12.05 0.45 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 | N |
|-----------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|---|---|
| RUSSELL___3 23549 | 22.29 0.04 -0.16 N | 17.73 -0.03 -1.09 N | 20.58 -0.12 -0.20 N | 10.66 -0.03 -3.98 N | -10.88 0.25 -9.45 N | 19.95 -0.10 -2.36 N | 23.04 0.09 -1.32 N | 20.34 -0.11 -2.77 N | 20.40 -0.04 -1.98 N | 25.11 -0.07 -0.35 N | 27.72 -0.16 0.00 N | 27.55 -0.19 0.00 N | 26.99 -0.07 0.00 N | 26.91 -0.08 0.00 N | 27.78 -0.05 0.00 N | 27.43 0.01 0.00 N | 28.02 -0.05 0.00 N | 33.80 -0.37 -0.29 N | 44.29 -0.65 -0.02 N | 31.77 -0.26 0.00 N | 25.56 -0.02 0.00 N | 21.48 -0.03 0.00 N | 14.60 0.16 0.00 N | 11.77 0.17 0.00 N | | |
| RUSSELL___4 23556 | 22.80 0.55 -0.16 N | 18.10 0.34 -1.09 N | 21.02 0.31 -0.20 N | 10.80 0.11 -3.98 N | -11.34 -0.21 -9.45 N | 20.39 0.33 -2.36 N | 23.65 0.71 -1.32 N | 20.83 0.38 -2.77 N | 20.90 0.46 -1.98 N | 25.78 0.61 -0.35 N | 28.47 0.58 0.00 N | 28.31 0.57 0.00 N | 27.78 0.72 0.00 N | 27.71 0.71 0.00 N | 28.59 0.76 0.00 N | 28.27 0.84 0.00 N | 28.86 0.80 0.00 N | 34.82 0.65 -0.29 N | 45.57 0.62 -0.02 N | 32.67 0.64 0.00 N | 26.29 0.71 0.00 N | 22.08 0.57 0.00 N | 14.97 0.53 0.00 N | 12.05 0.45 0.00 N | | |
| RUSSELL___STATION 23914 | 22.29 0.04 -0.16 N | 17.73 -0.03 -1.09 N | 20.58 -0.12 -0.20 N | 10.66 -0.03 -3.98 N | -10.88 0.25 -9.45 N | 19.95 -0.10 -2.36 N | 23.04 0.09 -1.32 N | 20.34 -0.11 -2.77 N | 20.40 -0.04 -1.98 N | 25.11 -0.07 -0.35 N | 27.72 -0.16 0.00 N | 27.55 -0.19 0.00 N | 26.99 -0.07 0.00 N | 26.91 -0.08 0.00 N | 27.78 -0.05 0.00 N | 27.43 0.01 0.00 N | 28.02 -0.05 0.00 N | 33.80 -0.37 -0.29 N | 44.29 -0.65 -0.02 N | 31.77 -0.26 0.00 N | 25.56 -0.02 0.00 N | 21.48 -0.03 0.00 N | 14.60 0.16 0.00 N | 11.77 0.17 0.00 N | | |
| S SALMON___HYD 24043 | 22.04 -0.11 -0.06 N | 16.93 -0.12 -0.38 N | 20.39 -0.19 -0.07 N | 8.04 -0.06 -1.40 N | -17.06 0.19 -3.33 N | 18.42 -0.11 -0.83 N | 22.07 -0.02 -0.46 N | 18.64 -0.02 -0.98 N | 19.16 -0.03 -0.73 N | 24.92 -0.03 -0.13 N | 27.88 0.00 0.00 N | 27.74 -0.01 0.00 N | 27.04 -0.02 0.00 N | 26.99 -0.01 0.00 N | 27.76 -0.06 0.00 N | 27.38 -0.04 0.00 N | 28.17 0.10 0.00 N | 34.12 0.08 -0.16 N | 45.02 0.08 -0.01 N | 32.19 0.16 0.00 N | 25.72 0.14 0.00 N | 21.50 0.00 0.00 N | 14.42 -0.02 0.00 N | 11.57 -0.02 0.00 N | | |
| SELKIRK___I 23801 | 24.72 1.06 -1.56 N | 28.41 0.85 -10.90 N | 23.49 1.03 -1.95 N | 46.68 0.35 -39.62 N | 72.56 -1.00 -94.15 N | 42.07 0.87 -23.51 N | 35.84 1.11 -13.10 N | 46.12 0.84 -27.60 N | 39.20 0.90 -19.83 N | 29.59 1.24 -3.53 N | 29.35 1.46 0.00 N | 29.18 1.44 0.00 N | 28.46 1.39 0.00 N | 28.40 1.40 0.00 N | 29.31 1.48 0.00 N | 28.87 1.45 0.00 N | 29.34 1.27 0.00 N | 38.54 1.61 -3.05 N | 47.19 2.10 -0.16 N | 33.45 1.42 0.00 N | 26.66 1.07 0.00 N | 22.36 0.86 0.00 N | 14.98 0.54 0.00 N | 12.07 0.48 0.00 N | | |
| SELKIRK___II 23799 | 24.78 1.12 -1.57 N | 28.54 0.94 -10.94 N | 23.68 1.22 -1.96 N | 46.87 0.40 -39.76 N | 72.70 -1.18 -94.47 N | 42.30 1.01 -23.59 N | 36.01 1.23 -13.14 N | 46.29 0.87 -27.74 N | 39.29 0.89 -19.93 N | 29.54 1.17 -3.55 N | 29.17 1.29 0.00 N | 29.01 1.27 0.00 N | 28.29 1.23 0.00 N | 28.23 1.23 0.00 N | 29.15 1.32 0.00 N | 28.73 1.31 0.00 N | 29.29 1.23 0.00 N | 38.51 1.57 -3.06 N | 47.13 2.05 -0.16 N | 33.40 1.37 0.00 N | 26.61 1.03 0.00 N | 22.34 0.83 0.00 N | 14.97 0.53 0.00 N | 12.10 0.50 0.00 N | | |
| SENECA OSWGO___HYD 24041 | 22.19 0.02 -0.07 N | 17.18 -0.01 -0.51 N | 20.55 -0.05 -0.09 N | 8.56 -0.02 -1.87 N | -16.13 0.01 -4.45 N | 18.88 0.08 -1.11 N | 22.53 0.28 -0.62 N | 19.21 0.23 -1.30 N | 19.65 0.24 -0.94 N | 25.35 0.36 -0.17 N | 28.21 0.33 0.00 N | 28.00 0.26 0.00 N | 27.27 0.21 0.00 N | 27.25 0.26 0.00 N | 28.07 0.24 0.00 N | 27.68 0.26 0.00 N | 28.70 0.64 0.00 N | 34.84 0.77 -0.20 N | 45.70 0.76 -0.01 N | 32.67 0.64 0.00 N | 26.01 0.43 0.00 N | 21.77 0.27 0.00 N | 14.66 0.22 0.00 N | 11.76 0.16 0.00 N | | |
| SENECA___ENERGY 23797 | 22.25 -0.01 -0.17 N | 17.76 -0.07 -1.16 N | 20.56 -0.15 -0.21 N | 10.87 -0.06 -4.23 N | -10.32 0.22 -10.04 N | 20.09 -0.11 -2.51 N | 23.12 0.09 -1.40 N | 20.62 0.00 -2.94 N | 20.66 0.08 -2.12 N | 25.32 0.12 -0.37 N | 27.97 0.09 0.00 N | 27.82 0.08 0.00 N | 27.18 0.12 0.00 N | 27.13 0.14 0.00 N | 27.97 0.13 0.00 N | 27.56 0.14 0.00 N | 28.07 0.01 0.00 N | 33.99 -0.19 -0.31 N | 44.52 -0.43 -0.02 N | 31.86 -0.17 0.00 N | 25.52 -0.07 0.00 N | 21.41 -0.10 0.00 N | 14.44 0.00 0.00 N | 11.60 0.00 0.00 N | | |
| SHOEMAKER___GT 23640 | 24.99 1.75 -1.15 N | 25.91 1.21 -8.04 N | 23.34 1.39 -1.44 N | 36.38 0.46 -29.22 N | 47.45 -1.39 -69.43 N | 36.35 1.32 -17.33 N | 33.16 1.88 -9.66 N | 39.61 1.62 -20.31 N | 34.83 1.77 -14.59 N | 29.77 2.42 -2.52 N | 30.57 2.73 0.04 N | 30.43 2.71 0.02 N | 29.70 2.65 0.01 N | 29.64 2.66 0.01 N | 30.59 2.76 0.00 N | 30.13 2.71 0.00 N | 30.70 2.63 0.00 N | 39.37 3.28 -2.21 N | 49.33 4.28 -0.11 N | 35.01 2.98 0.00 N | 27.93 2.34 0.00 N | 23.37 1.86 0.00 N | 15.62 1.18 0.00 N | 12.51 0.91 0.00 N | | |
| SHOREHAM_IC_1 23715 | 129.09 2.34 -104.65 N | 27.03 1.59 -8.77 N | 23.89 1.82 -1.57 N | 39.18 0.59 -31.88 N | 53.62 -1.55 -75.76 N | 38.29 1.68 -18.92 N | 34.68 2.50 -10.54 N | 41.68 1.84 -22.17 N | 36.31 1.92 -15.93 N | 30.85 2.33 -3.69 N | 32.07 3.04 -1.15 N | 32.77 3.05 -1.98 N | 38.20 3.01 -8.12 N | 55.97 3.06 -25.91 N | 30.62 2.79 0.00 N | 30.02 2.60 0.00 N | 30.45 2.39 0.00 N | 39.39 3.09 -2.43 N | 50.04 4.98 -0.13 N | 35.63 3.60 0.00 N | 30.24 3.07 -1.58 N | 23.72 2.21 0.00 N | 15.82 1.38 0.00 N | 12.78 1.18 0.00 N | | |
| SHOREHAM_IC_2 23716 | 129.09 2.34 -104.65 N | 27.03 1.59 -8.77 N | 23.89 1.82 -1.57 N | 39.18 0.59 -31.88 N | 53.62 -1.55 -75.76 N | 38.29 1.68 -18.92 N | 34.68 2.50 -10.54 N | 41.68 1.84 -22.17 N | 36.31 1.92 -15.93 N | 30.85 2.33 -3.69 N | 32.07 3.04 -1.15 N | 32.77 3.05 -1.98 N | 38.20 3.01 -8.12 N | 55.97 3.06 -25.91 N | 30.62 2.79 0.00 N | 30.02 2.60 0.00 N | 30.45 2.39 0.00 N | 39.39 3.09 -2.43 N | 50.04 4.98 -0.13 N | 35.63 3.60 0.00 N | 30.24 3.07 -1.58 N | 23.72 2.21 0.00 N | 15.82 1.38 0.00 N | 12.78 1.18 0.00 N | | |
| SISSONVILLE____ 23735 | 21.63 -0.47 0.00 N | 16.26 -0.41 0.00 N | 20.08 -0.43 0.00 N | 6.56 -0.15 0.00 N | -19.31 0.53 -0.75 N | 24.75 -0.54 -7.59 N | 28.76 -1.04 -8.17 N | 23.81 -0.82 -6.96 N | 24.85 -1.33 -7.72 N | 31.69 -1.84 -8.71 N | 35.24 -1.85 -9.21 N | 33.97 -1.48 -7.71 N | 27.13 -1.44 -1.51 N | 30.08 -1.47 -4.55 N | 34.58 -1.63 -8.38 N | 34.71 -1.75 -9.04 N | 35.04 -2.15 -9.12 N | 41.35 -2.56 -10.03 N | 43.59 -3.01 -1.68 N | 29.97 -2.06 0.00 N | 24.01 -1.57 0.00 N | 20.57 -0.93 0.00 N | 13.88 -0.56 0.00 N | 18.66 -0.47 -7.53 N | | |
| SITHE_IND_GS1 24169 | 21.35 -0.79 -0.05 N | 16.39 -0.60 -0.32 N | 19.81 -0.76 -0.06 N | 7.63 -0.25 -1.18 N | -17.02 0.76 -2.80 N | 17.75 -0.65 -0.70 N | 21.27 -0.75 -0.39 N | 17.87 -0.63 -0.82 N | 18.43 -0.63 -0.59 N | 24.09 -0.84 -0.10 N | 26.93 -0.95 0.00 N | 26.76 -0.98 0.00 N | 26.09 -0.97 0.00 N | 26.03 -0.96 0.00 N | 26.84 -0.99 0.00 N | 26.50 -0.93 0.00 N | 27.28 -0.79 0.00 N | 32.99 -1.04 -0.15 N | 43.48 -1.46 -0.01 N | 31.04 -0.99 0.00 N | 24.83 -0.76 0.00 N | 20.86 -0.65 0.00 N | 14.05 -0.39 0.00 N | 11.29 -0.31 0.00 N | | |
| SITHE_IND_GS2 | 21.35 | 16.39 | 19.81 | 7.63 | -17.02 | 17.75 | 21.27 | 17.87 | 18.43 | 24.09 | 26.93 | 26.76 | 26.09 | 26.03 | 26.84 | 26.50 | 27.28 | 32.99 | 43.48 | 31.04 | 24.83 | 20.86 | 14.05 | 11.29 | | |

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| 24170 | -0.79 -0.05 N | -0.60 -0.32 N | -0.76 -0.06 N | -0.25 -1.18 N | 0.76 -2.80 N | -0.65 -0.70 N | -0.75 -0.39 N | -0.63 -0.82 N | -0.63 -0.59 N | -0.84 -0.10 N | -0.95 0.00 N | -0.98 0.00 N | -0.97 0.00 N | -0.96 0.00 N | -0.99 0.00 N | -0.93 0.00 N | -0.79 0.00 N | -1.04 -0.15 N | -1.46 -0.01 N | -0.99 0.00 N | -0.76 0.00 N | -0.65 0.00 N | -0.39 0.00 N | -0.31 0.00 N |
| SITHE_IND_GS3 24171 | 21.35 -0.79 -0.05 N | 16.39 -0.60 -0.32 N | 19.81 -0.76 -0.06 N | 7.63 -0.25 -1.18 N | -17.02 0.76 -2.80 N | 17.75 -0.65 -0.70 N | 21.27 -0.75 -0.39 N | 17.87 -0.63 -0.82 N | 18.43 -0.63 -0.59 N | 24.09 -0.84 -0.10 N | 26.93 -0.95 0.00 N | 26.76 -0.98 0.00 N | 26.09 -0.97 0.00 N | 26.03 -0.96 0.00 N | 26.84 -0.99 0.00 N | 26.50 -0.93 0.00 N | 27.28 -0.79 0.00 N | 32.99 -1.04 -0.15 N | 43.48 -1.46 -0.01 N | 31.04 -0.99 0.00 N | 24.83 -0.76 0.00 N | 20.86 -0.65 0.00 N | 14.05 -0.39 0.00 N | 11.29 -0.31 0.00 N |
| SITHE_IND_GS4 24172 | 21.35 -0.79 -0.05 N | 16.39 -0.60 -0.32 N | 19.81 -0.76 -0.06 N | 7.63 -0.25 -1.18 N | -17.02 0.76 -2.80 N | 17.75 -0.65 -0.70 N | 21.27 -0.75 -0.39 N | 17.87 -0.63 -0.82 N | 18.43 -0.63 -0.59 N | 24.09 -0.84 -0.10 N | 26.93 -0.95 0.00 N | 26.76 -0.98 0.00 N | 26.09 -0.97 0.00 N | 26.03 -0.96 0.00 N | 26.84 -0.99 0.00 N | 26.50 -0.93 0.00 N | 27.28 -0.79 0.00 N | 32.99 -1.04 -0.15 N | 43.48 -1.46 -0.01 N | 31.04 -0.99 0.00 N | 24.83 -0.76 0.00 N | 20.86 -0.65 0.00 N | 14.05 -0.39 0.00 N | 11.29 -0.31 0.00 N |
| SITHE___BATAVIA 24024 | 22.17 -0.12 -0.19 N | 17.85 -0.17 -1.36 N | 20.43 -0.32 -0.24 N | 11.58 -0.09 -4.96 N | -8.28 0.51 -11.79 N | 20.29 -0.35 -2.95 N | 22.94 -0.33 -1.64 N | 20.48 -0.66 -3.45 N | 20.37 -0.61 -2.52 N | 24.35 -0.92 -0.45 N | 26.74 -1.15 0.00 N | 26.58 -1.16 0.00 N | 26.07 -0.99 0.00 N | 25.99 -1.00 0.00 N | 26.85 -0.98 0.00 N | 26.49 -0.94 0.00 N | 26.89 -1.17 0.00 N | 32.38 -1.84 -0.34 N | 42.39 -2.57 -0.02 N | 30.50 -1.54 0.00 N | 24.61 -0.97 0.00 N | 20.78 -0.73 0.00 N | 14.35 -0.10 0.00 N | 11.66 0.07 0.00 N |
| SITHE___INDEPEND 23800 | 21.35 -0.79 -0.05 N | 16.39 -0.60 -0.32 N | 19.81 -0.76 -0.06 N | 7.63 -0.25 -1.18 N | -17.02 0.76 -2.80 N | 17.75 -0.65 -0.70 N | 21.27 -0.75 -0.39 N | 17.87 -0.63 -0.82 N | 18.43 -0.63 -0.59 N | 24.09 -0.84 -0.10 N | 26.93 -0.95 0.00 N | 26.76 -0.98 0.00 N | 26.09 -0.97 0.00 N | 26.03 -0.96 0.00 N | 26.84 -0.99 0.00 N | 26.50 -0.93 0.00 N | 27.28 -0.79 0.00 N | 32.99 -1.04 -0.15 N | 43.48 -1.46 -0.01 N | 31.04 -0.99 0.00 N | 24.83 -0.76 0.00 N | 20.86 -0.65 0.00 N | 14.05 -0.39 0.00 N | 11.29 -0.31 0.00 N |
| SITHE___MASSENA 23902 | 21.59 -0.51 0.00 N | 16.26 -0.40 0.00 N | 20.09 -0.42 0.00 N | 6.56 -0.14 0.00 N | -20.07 0.40 -0.12 N | 18.46 -0.42 -1.18 N | 22.12 -0.78 -1.27 N | 18.12 -0.64 -1.08 N | 18.64 -1.04 -1.22 N | 24.74 -1.45 -1.37 N | 27.85 -1.49 -1.45 N | 27.65 -1.31 -1.22 N | 26.05 -1.25 -0.24 N | 26.44 -1.28 -0.72 N | 27.73 -1.40 -1.31 N | 27.33 -1.50 -1.41 N | 27.81 -1.68 -1.42 N | 33.40 -2.04 -1.56 N | 42.79 -2.40 -0.26 N | 30.41 -1.62 0.00 N | 24.39 -1.20 0.00 N | 20.77 -0.73 0.00 N | 14.00 -0.44 0.00 N | 12.36 -0.41 -1.17 N |
| SITHE___OGDNSBRG 24021 | 21.89 -0.20 0.00 N | 16.46 -0.20 0.00 N | 20.33 -0.18 0.00 N | 6.64 -0.07 0.00 N | -19.98 0.17 -0.43 N | 21.88 -0.21 -0.39 N | 25.83 -0.53 -4.72 N | 21.29 -0.41 -4.02 N | 22.08 -0.86 -4.47 N | 28.65 -1.22 -5.05 N | 32.01 -1.21 -5.34 N | 31.25 -0.96 -4.47 N | 27.02 -0.92 -0.88 N | 28.69 -0.94 -2.64 N | 31.58 -1.10 -4.85 N | 31.43 -1.22 -5.23 N | 31.88 -1.46 -5.28 N | 37.96 -1.72 -5.80 N | 43.95 -1.95 -0.97 N | 30.73 -1.30 0.00 N | 24.63 -0.96 0.00 N | 21.01 -0.50 0.00 N | 14.15 -0.29 0.00 N | 15.65 -0.30 -4.35 N |
| SITHE___STERLING 23777 | 22.69 0.55 -0.04 N | 17.35 0.38 -0.30 N | 20.97 0.41 -0.05 N | 7.90 0.10 -1.09 N | -18.49 -0.51 -2.60 N | 18.79 0.44 -0.65 N | 22.72 0.73 -0.36 N | 19.06 0.62 -0.76 N | 19.73 0.68 -0.58 N | 25.86 0.93 -0.10 N | 28.91 1.03 0.00 N | 28.75 1.01 0.00 N | 28.04 0.97 0.00 N | 27.99 1.00 0.00 N | 28.84 1.01 0.00 N | 28.39 0.97 0.00 N | 28.91 0.85 0.00 N | 34.95 1.00 -0.07 N | 46.18 1.25 0.00 N | 32.92 0.90 0.00 N | 26.26 0.68 0.00 N | 22.00 0.50 0.00 N | 14.76 0.32 0.00 N | 11.83 0.23 0.00 N |
| SOUTH CAIRO___GT 23612 | 25.49 1.99 -1.41 N | 27.95 1.46 -9.82 N | 24.04 1.77 -1.76 N | 42.99 0.59 -35.69 N | 62.48 -1.75 -84.81 N | 40.47 1.60 -21.18 N | 35.58 2.15 -11.80 N | 43.75 1.73 -24.33 N | 37.83 1.88 -17.49 N | 30.44 2.48 -3.13 N | 30.63 2.75 0.00 N | 30.45 2.71 0.00 N | 29.74 2.68 0.00 N | 29.67 2.68 0.00 N | 30.63 2.80 0.00 N | 30.04 2.62 0.00 N | 30.57 2.50 0.00 N | 39.73 3.19 -2.66 N | 49.31 4.24 -0.14 N | 34.95 2.92 0.00 N | 27.80 2.22 0.00 N | 23.26 1.76 0.00 N | 15.53 1.09 0.00 N | 12.47 0.87 0.00 N |
| SOUTH HAMPTN___IC 23720 | 131.12 4.38 -104.65 N | 28.36 2.93 -8.77 N | 25.49 3.41 -1.57 N | 39.69 1.10 -31.88 N | 51.99 -3.19 -75.76 N | 39.79 3.17 -18.92 N | 36.74 4.57 -10.54 N | 43.48 3.64 -22.17 N | 38.26 3.86 -15.93 N | 33.51 5.00 -3.69 N | 35.04 6.00 -1.15 N | 35.67 5.95 -1.98 N | 41.00 5.81 -8.12 N | 58.76 5.85 -25.91 N | 33.57 5.74 0.00 N | 33.11 5.69 0.00 N | 33.75 5.68 0.00 N | 43.62 7.32 -2.43 N | 55.37 10.31 -0.13 N | 39.09 7.06 0.00 N | 32.90 5.73 -1.58 N | 25.89 4.38 0.00 N | 17.19 2.75 0.00 N | 13.78 2.18 0.00 N |
| SOUTHOLD___IC 23719 | 132.17 5.43 -104.65 N | 29.06 3.62 -8.77 N | 26.31 4.23 -1.57 N | 39.96 1.37 -31.88 N | 51.14 -4.04 -75.76 N | 40.55 3.94 -18.92 N | 37.76 5.59 -10.54 N | 44.36 4.51 -22.17 N | 39.21 4.82 -15.93 N | 34.86 6.34 -3.69 N | 36.55 7.51 -1.15 N | 37.14 7.42 -1.98 N | 42.43 7.24 -8.12 N | 60.20 7.29 -25.91 N | 35.10 7.27 0.00 N | 34.72 7.30 0.00 N | 35.52 7.46 0.00 N | 46.07 9.76 -2.43 N | 58.56 13.51 -0.13 N | 41.13 9.10 0.00 N | 34.42 7.25 -1.58 N | 27.07 5.56 0.00 N | 17.91 3.47 0.00 N | 14.30 2.70 0.00 N |
| ST LAWRENCE___ 23600 | 21.38 -0.71 0.00 N | 16.11 -0.56 0.00 N | 19.91 -0.60 0.00 N | 6.50 -0.21 0.00 N | -20.01 0.57 0.00 N | 17.13 -0.57 0.00 N | 20.68 -0.95 0.00 N | 16.90 -0.77 0.00 N | 17.42 -1.05 0.00 N | 23.35 -1.47 0.00 N | 26.37 -1.51 0.00 N | 26.37 -1.36 0.00 N | 25.76 -1.30 0.00 N | 25.66 -1.33 0.00 N | 26.37 -1.46 0.00 N | 25.88 -1.54 0.00 N | 26.37 -1.69 0.00 N | 31.81 -2.06 0.00 N | 42.49 -2.44 0.00 N | 30.39 -1.64 0.00 N | 24.37 -1.22 0.00 N | 20.68 -0.83 0.00 N | 13.92 -0.53 0.00 N | 11.10 -0.50 0.00 N |
| STATION 5_MISC_HYD 23604 | 22.22 -0.04 -0.16 N | 17.68 -0.08 -1.09 N | 20.54 -0.16 -0.20 N | 10.64 -0.05 -3.98 N | -10.82 0.31 -9.45 N | 19.91 -0.15 -2.36 N | 22.92 -0.03 -1.32 N | 20.28 -0.17 -2.77 N | 20.34 -0.09 -1.98 N | 25.03 -0.15 -0.35 N | 27.68 -0.21 0.00 N | 27.52 -0.22 0.00 N | 26.93 -0.13 0.00 N | 26.84 -0.15 0.00 N | 27.69 -0.13 0.00 N | 27.33 -0.10 0.00 N | 27.91 -0.15 0.00 N | 33.70 -0.48 -0.29 N | 44.18 -0.76 -0.02 N | 31.65 -0.38 0.00 N | 25.42 -0.17 0.00 N | 21.33 -0.18 0.00 N | 14.50 0.06 0.00 N | 11.70 0.10 0.00 N |
| STEEL___WIND 323596 | 22.16 -0.18 -0.24 N | 18.09 -0.27 -1.70 N | 20.34 -0.47 -0.30 N | 12.76 -0.15 -6.19 N | -5.21 0.66 -14.72 N | 20.89 -0.48 -3.67 N | 23.23 -0.45 -2.05 N | 21.22 -0.76 -4.31 N | 20.94 -0.65 -3.13 N | 24.45 -0.93 -0.56 N | 26.71 -1.17 0.00 N | 26.53 -1.21 0.00 N | 26.08 -0.98 0.00 N | 26.03 -0.97 0.00 N | 26.91 -0.92 0.00 N | 26.51 -0.92 0.00 N | 26.74 -1.32 0.00 N | 32.24 -2.04 -0.40 N | 42.14 -2.81 -0.02 N | 30.30 -1.74 0.00 N | 24.43 -1.15 0.00 N | 20.68 -0.82 0.00 N | 14.29 -0.15 0.00 N | 11.62 0.02 0.00 N |

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| STEUBEN_REC_LFGE 323667 | 22.95 0.50 -0.36 N | 19.34 0.17 -2.50 N | 21.02 0.07 -0.45 N | 15.76 -0.03 -9.08 N | 1.00 0.00 -21.58 N | 23.27 0.18 -5.39 N | 25.18 0.55 -3.00 N | 24.26 0.26 -6.32 N | 23.46 0.44 -4.55 N | 26.23 0.60 -0.81 N | 28.51 0.63 0.00 N | 28.33 0.60 0.00 N | 27.80 0.74 0.00 N | 27.90 0.91 0.00 N | 28.74 0.91 0.00 N | 28.20 0.78 0.00 N | 28.26 0.20 0.00 N | 34.38 -0.02 -0.52 N | 44.79 -0.17 -0.03 N | 32.13 0.10 0.00 N | 25.66 0.08 0.00 N | 21.57 0.07 0.00 N | 14.66 0.22 0.00 N | 11.82 0.22 0.00 N |
| STONY___BROOK 24151 | 129.79 3.05 -104.65 N | 27.47 2.03 -8.77 N | 24.40 2.33 -1.57 N | 39.33 0.74 -31.88 N | 53.11 -2.06 -75.76 N | 38.74 2.13 -18.92 N | 35.28 3.11 -10.54 N | 42.20 2.36 -22.17 N | 36.86 2.46 -15.93 N | 31.62 3.10 -3.69 N | 32.99 3.95 -1.15 N | 33.69 3.97 -1.98 N | 39.12 3.93 -8.12 N | 56.89 3.98 -25.91 N | 31.71 3.88 0.00 N | 31.16 3.74 0.00 N | 31.68 3.61 0.00 N | 40.82 4.52 -2.43 N | 51.45 6.39 -0.13 N | 36.54 4.50 0.00 N | 30.99 3.82 -1.58 N | 24.42 2.91 0.00 N | 16.30 1.86 0.00 N | 13.11 1.52 0.00 N |
| STURGEON_POOL_HYD 23609 | 26.05 2.66 -1.29 N | 27.52 1.87 -8.98 N | 24.30 2.18 -1.61 N | 40.08 0.71 -32.66 N | 54.82 -2.21 -77.61 N | 39.15 2.07 -19.38 N | 35.32 2.90 -10.80 N | 42.68 2.40 -22.60 N | 37.33 2.62 -16.24 N | 31.58 3.79 -2.97 N | 32.17 4.29 0.00 N | 31.93 4.19 0.00 N | 30.93 3.87 0.00 N | 30.90 3.90 0.00 N | 31.90 4.07 0.00 N | 31.45 4.02 0.00 N | 32.10 4.03 0.00 N | 41.39 5.03 -2.48 N | 51.60 6.54 -0.13 N | 36.63 4.60 0.00 N | 29.19 3.61 0.00 N | 24.37 2.86 0.00 N | 16.25 1.81 0.00 N | 13.01 1.41 0.00 N |
| SYNERGY___BIOGAS 323694 | 22.17 -0.12 -0.19 N | 17.85 -0.17 -1.36 N | 20.43 -0.32 -0.24 N | 11.58 -0.09 -4.96 N | -8.28 0.51 -11.79 N | 20.29 -0.35 -2.95 N | 22.94 -0.33 -1.64 N | 20.48 -0.66 -3.45 N | 20.37 -0.61 -2.52 N | 24.35 -0.92 -0.45 N | 26.74 -1.15 0.00 N | 26.58 -1.16 0.00 N | 26.07 -0.99 0.00 N | 25.99 -1.00 0.00 N | 26.85 -0.98 0.00 N | 26.49 -0.94 0.00 N | 26.89 -1.17 0.00 N | 32.38 -1.84 -0.34 N | 42.39 -2.57 -0.02 N | 30.50 -1.54 0.00 N | 24.61 -0.97 0.00 N | 20.78 -0.73 0.00 N | 14.35 -0.10 0.00 N | 11.66 0.07 0.00 N |
| SYRACUSE___ENERGY_ST1 323597 | 21.91 -0.28 -0.10 N | 17.12 -0.23 -0.68 N | 20.32 -0.31 -0.12 N | 9.07 0.10 -2.47 N | -14.40 0.31 -5.87 N | 18.94 -0.23 -1.47 N | 22.27 -0.17 -0.82 N | 19.26 -0.14 -1.72 N | 19.59 -0.12 -1.24 N | 24.90 -0.15 -0.22 N | 27.70 -0.18 0.00 N | 27.51 -0.23 0.00 N | 26.84 -0.22 0.00 N | 26.76 -0.23 0.00 N | 27.59 -0.24 0.00 N | 27.26 -0.16 0.00 N | 28.17 0.11 0.00 N | 34.16 0.05 -0.24 N | 44.88 -0.06 -0.01 N | 32.04 0.02 0.00 N | 25.62 0.03 0.00 N | 21.48 -0.02 0.00 N | 14.46 0.01 0.00 N | 11.61 0.01 0.00 N |
| SYRACUSE___ENERGY_ST2 323598 | 21.91 -0.28 -0.10 N | 17.12 -0.23 -0.68 N | 20.32 -0.31 -0.12 N | 9.07 -0.10 -2.47 N | -14.40 0.31 -5.87 N | 18.94 -0.23 -1.47 N | 22.27 -0.17 -0.82 N | 19.26 -0.14 -1.72 N | 19.59 -0.12 -1.24 N | 24.90 -0.15 -0.22 N | 27.70 -0.18 0.00 N | 27.51 -0.23 0.00 N | 26.84 -0.22 0.00 N | 26.76 -0.23 0.00 N | 27.59 -0.24 0.00 N | 27.26 -0.16 0.00 N | 28.17 0.11 0.00 N | 34.16 0.05 -0.24 N | 44.88 -0.06 -0.01 N | 32.04 0.02 0.00 N | 25.62 0.03 0.00 N | 21.48 -0.02 0.00 N | 14.46 0.01 0.00 N | 11.61 0.01 0.00 N |
| SYRACUSE___POWER 24017 | 22.06 -0.14 -0.11 N | 17.29 -0.14 -0.76 N | 20.43 -0.21 -0.14 N | 9.38 -0.08 -2.75 N | -13.85 0.20 -6.54 N | 19.19 -0.14 -1.63 N | 22.51 -0.03 -0.91 N | 19.58 -0.01 -1.92 N | 19.89 0.04 -1.38 N | 25.14 0.08 -0.25 N | 27.95 0.07 0.00 N | 27.77 0.03 0.00 N | 27.10 0.04 0.00 N | 27.03 0.04 0.00 N | 27.87 0.04 0.00 N | 27.49 0.06 0.00 N | 28.27 0.20 0.00 N | 34.32 0.21 -0.23 N | 45.13 0.19 -0.01 N | 32.20 0.17 0.00 N | 25.72 0.13 0.00 N | 21.57 0.06 0.00 N | 14.50 0.06 0.00 N | 11.64 0.05 0.00 N |
| TRIGEN___CC 323695 | 129.03 2.29 -104.65 N | 26.96 1.52 -8.77 N | 23.82 1.74 -1.57 N | 39.17 0.57 -31.88 N | 53.58 -1.60 -75.76 N | 38.27 1.66 -18.92 N | 34.60 2.43 -10.54 N | 41.90 2.06 -22.17 N | 36.59 2.20 -15.93 N | 31.35 2.83 -3.69 N | 32.51 3.47 -1.15 N | 33.22 3.50 -1.98 N | 38.62 3.43 -8.12 N | 56.36 3.45 -25.91 N | 31.35 3.52 0.00 N | 30.85 3.43 0.00 N | 31.35 3.29 0.00 N | 40.23 3.93 -2.43 N | 50.33 5.27 -0.13 N | 35.77 3.73 0.00 N | 30.23 3.06 -1.58 N | 23.90 2.39 0.00 N | 15.95 1.51 0.00 N | 12.79 1.19 0.00 N |
| UNION___PROCESSING_DRP 323587 | 21.99 -0.27 -0.16 N | 17.51 -0.26 -1.10 N | 20.31 -0.39 -0.20 N | 10.61 -0.12 -4.02 N | -10.48 0.54 -9.56 N | 19.71 -0.37 -2.39 N | 22.67 -0.28 -1.33 N | 20.05 -0.42 -2.80 N | 20.10 -0.36 -2.00 N | 24.67 -0.51 -0.35 N | 27.23 -0.65 0.00 N | 27.05 -0.69 0.00 N | 26.48 -0.58 0.00 N | 26.41 -0.58 0.00 N | 27.27 -0.57 0.00 N | 26.92 -0.51 0.00 N | 27.50 -0.56 0.00 N | 33.16 -1.01 -0.30 N | 43.46 -1.48 -0.02 N | 31.18 -0.85 0.00 N | 25.10 -0.49 0.00 N | 21.10 -0.40 0.00 N | 14.37 -0.07 0.00 N | 11.60 0.00 0.00 N |
| UPPER HUDSON___HYD 24058 | 25.62 1.89 -1.63 N | 29.47 1.40 -11.40 N | 24.25 1.70 -2.04 N | 48.74 0.58 -41.45 N | 76.22 -1.69 -98.50 N | 43.85 1.56 -24.59 N | 37.31 1.98 -13.70 N | 48.33 1.79 -28.86 N | 41.10 1.89 -20.74 N | 30.72 2.21 -3.69 N | 30.14 2.26 0.00 N | 29.54 1.80 0.00 N | 28.66 1.60 0.00 N | 28.54 1.55 0.00 N | 29.53 1.70 0.00 N | 29.12 1.69 0.00 N | 29.85 1.79 0.00 N | 39.63 2.56 -3.19 N | 48.44 3.35 -0.17 N | 34.20 2.17 0.00 N | 26.96 1.38 0.00 N | 22.56 1.05 0.00 N | 14.98 0.54 0.00 N | 11.98 0.38 0.00 N |
| UPPER RAQUET___HYD 24056 | 21.63 -0.47 0.00 N | 16.26 -0.41 0.00 N | 20.08 -0.43 0.00 N | 6.56 -0.15 0.00 N | -19.31 0.53 -0.75 N | 24.75 -0.54 -7.59 N | 28.76 -1.04 -8.17 N | 23.81 -0.82 -6.96 N | 24.85 -1.33 -7.72 N | 31.69 -1.84 -8.71 N | 35.24 -1.85 -9.21 N | 33.97 -1.48 -7.71 N | 27.13 -1.44 -1.51 N | 30.08 -1.47 -4.55 N | 34.58 -1.63 -8.38 N | 34.71 -1.75 -9.04 N | 35.04 -2.15 -9.12 N | 41.35 -2.56 -10.03 N | 43.59 -3.01 -1.68 N | 29.97 -2.06 0.00 N | 24.01 -1.57 0.00 N | 20.57 -0.93 0.00 N | 13.88 -0.56 0.00 N | 18.66 -0.47 -7.53 N |
| VISCHER___FERRY HYD 24020 | 25.59 1.89 -1.61 N | 29.29 1.43 -11.20 N | 24.26 1.75 -2.01 N | 48.02 0.59 -40.72 N | 74.46 -1.71 -96.76 N | 43.38 1.52 -24.16 N | 36.93 1.84 -13.46 N | 47.57 1.54 -28.36 N | 40.45 1.60 -20.38 N | 30.62 2.17 -3.63 N | 30.31 2.43 0.00 N | 30.08 2.34 0.00 N | 29.28 2.22 0.00 N | 29.21 2.21 0.00 N | 30.21 2.38 0.00 N | 29.80 2.38 0.00 N | 30.47 2.40 0.00 N | 40.10 3.09 -3.14 N | 49.15 4.06 -0.16 N | 34.76 2.73 0.00 N | 27.53 1.94 0.00 N | 23.09 1.59 0.00 N | 15.42 0.98 0.00 N | 12.42 0.82 0.00 N |
| WADING RIVER_IC_1 23522 | 129.50 2.76 -104.65 N | 27.28 1.84 -8.77 N | 24.18 2.11 -1.57 N | 39.28 0.69 -31.88 N | 53.32 -1.85 -75.76 N | 38.56 1.95 -18.92 N | 35.04 2.87 -10.54 N | 41.98 2.14 -22.17 N | 36.64 2.25 -15.93 N | 31.30 2.79 -3.69 N | 32.59 3.56 -1.15 N | 33.28 3.57 -1.98 N | 38.70 3.52 -8.12 N | 56.47 3.56 -25.91 N | 31.12 3.29 0.00 N | 30.57 3.15 0.00 N | 31.04 2.98 0.00 N | 40.17 3.87 -2.43 N | 51.09 6.03 -0.13 N | 36.25 4.22 0.00 N | 30.73 3.56 -1.58 N | 24.11 2.60 0.00 N | 16.07 1.63 0.00 N | 12.97 1.38 0.00 N |
| WADING RIVER_IC_2 23547 | 129.50 2.76 -104.65 N | 27.28 1.84 -8.77 N | 24.18 2.11 -1.57 N | 39.28 0.69 -31.88 N | 53.32 -1.85 -75.76 N | 38.56 1.95 -18.92 N | 35.04 2.87 -10.54 N | 41.98 2.14 -22.17 N | 36.64 2.25 -15.93 N | 31.30 2.79 -3.69 N | 32.59 3.56 -1.15 N | 33.28 3.57 -1.98 N | 38.70 3.52 -8.12 N | 56.47 3.56 -25.91 N | 31.12 3.29 0.00 N | 30.57 3.15 0.00 N | 31.04 2.98 0.00 N | 40.17 3.87 -2.43 N | 51.09 6.03 -0.13 N | 36.25 4.22 0.00 N | 30.73 3.56 -1.58 N | 24.11 2.60 0.00 N | 16.07 1.63 0.00 N | 12.97 1.38 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 |
|----------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---|
| WADING RIVER_IC_3 23601 | 129.50 2.76 -104.65 N | 27.28 1.84 -8.77 N | 24.18 2.11 -1.57 N | 39.28 0.69 -31.88 N | 53.32 -1.85 -75.76 N | 38.56 1.95 -18.92 N | 35.04 2.87 -10.54 N | 41.98 2.14 -22.17 N | 36.64 2.25 -15.93 N | 31.30 2.79 -3.69 N | 32.59 3.56 -1.15 N | 33.28 3.57 -1.98 N | 38.70 3.52 -8.12 N | 56.47 3.56 -25.91 N | 31.12 3.29 0.00 N | 30.57 3.15 0.00 N | 31.04 2.98 0.00 N | 40.17 3.87 -2.43 N | 51.09 6.03 -0.13 N | 36.25 4.22 0.00 N | 30.73 3.56 -1.58 N | 24.11 2.60 0.00 N | 16.07 1.63 0.00 N | 12.97 1.38 0.00 N | |
| WALDEN___HYDRO 24148 | 25.20 1.88 -1.23 N | 26.54 1.28 -8.59 N | 23.51 1.47 -1.54 N | 38.41 0.49 -31.22 N | 52.12 -1.47 -74.18 N | 37.64 1.42 -18.52 N | 33.97 2.03 -10.32 N | 41.11 1.75 -21.68 N | 35.97 1.93 -15.58 N | 30.23 2.63 -2.79 N | 30.84 2.96 0.00 N | 30.69 2.95 0.00 N | 29.94 2.87 0.00 N | 29.89 2.90 0.00 N | 30.83 3.00 0.00 N | 30.39 2.96 0.00 N | 30.96 2.89 0.00 N | 39.83 3.58 -2.37 N | 49.76 4.71 -0.12 N | 35.31 3.28 0.00 N | 28.17 2.58 0.00 N | 23.56 2.06 0.00 N | 15.73 1.29 0.00 N | 12.59 0.99 0.00 N | |
| WARRENSBURG____ 23737 | 25.75 2.02 -1.63 N | 29.56 1.50 -11.40 N | 24.36 1.81 -2.04 N | 48.77 0.62 -41.45 N | 76.11 -1.81 -98.50 N | 43.95 1.66 -24.59 N | 37.46 2.13 -13.70 N | 48.45 1.91 -28.86 N | 41.21 2.01 -20.74 N | 30.78 2.27 -3.69 N | 30.14 2.26 0.00 N | 29.46 1.72 0.00 N | 28.55 1.49 0.00 N | 28.42 1.42 0.00 N | 29.39 1.57 0.00 N | 28.98 1.56 0.00 N | 29.71 1.65 0.00 N | 39.46 2.39 -3.19 N | 48.23 3.14 -0.17 N | 34.06 2.03 0.00 N | 26.85 1.27 0.00 N | 22.46 0.95 0.00 N | 14.91 0.47 0.00 N | 11.92 0.32 0.00 N | |
| WATERSIDE___6 8 9 23538 | 25.57 2.22 -1.26 N | 26.90 1.46 -8.77 N | 23.74 1.66 -1.57 N | 39.15 0.56 -31.88 N | 53.56 -1.61 -75.76 N | 38.26 1.65 -18.91 N | 34.53 2.36 -10.54 N | 41.93 2.09 -22.16 N | 36.74 2.35 -15.93 N | 36.65 3.22 -8.61 N | 34.58 3.65 -3.05 N | 32.63 3.64 -1.26 N | 31.49 3.55 -0.87 N | 31.59 3.57 -1.02 N | 31.46 3.63 0.00 N | 31.00 3.58 0.00 N | 31.59 3.52 0.00 N | 40.55 4.25 -2.42 N | 50.56 5.51 -0.13 N | 35.93 3.90 0.00 N | 28.73 3.15 0.00 N | 24.06 2.55 -0.01 N | 16.06 1.61 0.00 N | 12.79 1.19 0.00 N | |
| WDELAWARE___HYD 323627 | 24.76 1.58 -1.10 N | 25.39 1.08 -7.64 N | 23.10 1.22 -1.37 N | 34.90 0.40 -27.79 N | 44.23 -1.23 -66.04 N | 35.37 1.18 -16.49 N | 32.57 1.76 -9.19 N | 38.50 1.53 -19.29 N | 34.27 1.90 -13.90 N | 32.09 4.37 -2.90 N | 32.69 4.80 0.00 N | 32.02 4.28 0.00 N | 30.02 2.96 0.00 N | 29.79 2.79 0.00 N | 30.87 3.05 0.00 N | 30.46 3.03 0.00 N | 31.05 2.98 0.00 N | 39.72 3.74 -2.10 N | 49.92 4.88 -0.11 N | 35.45 3.42 0.00 N | 28.25 2.66 0.00 N | 23.60 2.10 0.00 N | 15.75 1.31 0.00 N | 12.59 0.99 0.00 N | |
| WEST BABYLON___IC 23714 | 129.58 2.83 -104.65 N | 27.32 1.89 -8.77 N | 24.24 2.16 -1.57 N | 39.30 0.70 -31.88 N | 53.24 -1.94 -75.76 N | 38.56 1.95 -18.92 N | 35.02 2.85 -10.54 N | 42.17 2.32 -22.17 N | 36.87 2.48 -15.93 N | 31.65 3.13 -3.69 N | 32.92 3.89 -1.15 N | 33.66 3.94 -1.98 N | 39.06 3.88 -8.12 N | 56.85 3.94 -25.91 N | 31.79 3.96 0.00 N | 31.26 3.84 0.00 N | 31.72 3.65 0.00 N | 40.78 4.48 -2.43 N | 51.21 6.15 -0.13 N | 36.39 4.36 0.00 N | 30.79 3.62 -1.58 N | 24.32 2.81 0.00 N | 16.20 1.76 0.00 N | 13.00 1.40 0.00 N | |
| WEST CANADA___HYD 24049 | 22.22 0.15 0.03 N | 16.59 0.11 0.19 N | 20.60 0.12 0.03 N | 6.05 0.04 0.70 N | -22.37 -0.13 1.65 N | 17.41 0.12 0.41 N | 21.58 0.18 0.23 N | 17.33 0.14 0.48 N | 18.26 0.16 0.36 N | 24.98 0.22 0.06 N | 28.10 0.22 0.00 N | 27.95 0.21 0.00 N | 27.28 0.22 0.00 N | 27.21 0.22 0.00 N | 28.06 0.23 0.00 N | 27.64 0.22 0.00 N | 28.31 0.25 0.00 N | 34.12 0.30 0.06 N | 45.30 0.37 0.00 N | 32.29 0.26 0.00 N | 25.77 0.18 0.00 N | 21.65 0.15 0.00 N | 14.53 0.09 0.00 N | 11.68 0.08 0.00 N | |
| WESTERN_NY_WIND 24143 | 22.15 -0.14 -0.20 N | 17.87 -0.18 -1.39 N | 20.42 -0.33 -0.25 N | 11.67 -0.10 -5.06 N | -8.04 0.53 -12.01 N | 20.33 -0.37 -3.00 N | 22.95 -0.35 -1.67 N | 20.52 -0.68 -3.52 N | 20.40 -0.64 -2.57 N | 24.32 -0.96 -0.46 N | 26.69 -1.19 0.00 N | 26.53 -1.21 0.00 N | 26.04 -1.02 0.00 N | 25.95 -1.05 0.00 N | 26.80 -1.03 0.00 N | 26.44 -0.98 0.00 N | 26.83 -1.23 0.00 N | 32.31 -1.91 -0.35 N | 42.29 -2.66 -0.02 N | 30.43 -1.60 0.00 N | 24.56 -1.03 0.00 N | 20.74 -0.77 0.00 N | 14.33 -0.11 0.00 N | 11.65 0.05 0.00 N | |
| WESTOVER___LESR 323668 | 23.72 1.08 -0.55 N | 21.17 0.70 -3.81 N | 21.95 0.76 -0.68 N | 20.76 0.23 -13.83 N | 11.46 -0.81 -32.85 N | 26.62 0.72 -8.20 N | 27.36 1.16 -4.57 N | 28.18 0.89 -9.62 N | 26.46 1.08 -6.92 N | 27.51 1.46 -1.23 N | 29.46 1.57 0.00 N | 29.29 1.55 0.00 N | 28.63 1.57 0.00 N | 28.60 1.60 0.00 N | 29.55 1.72 0.00 N | 29.00 1.58 0.00 N | 28.89 0.82 0.00 N | 35.54 0.88 -0.78 N | 46.11 1.14 -0.04 N | 32.88 0.85 0.00 N | 26.26 0.67 0.00 N | 22.04 0.54 0.00 N | 14.83 0.39 0.00 N | 11.95 0.35 0.00 N | |
| WETHRSFD_WT_PWR 323626 | 22.21 -0.16 -0.28 N | 18.32 -0.33 -1.98 N | 20.30 -0.57 -0.36 N | 13.73 -0.20 -7.22 N | -2.72 0.71 -17.16 N | 21.48 -0.50 -4.28 N | 23.60 -0.42 -2.39 N | 22.01 -0.69 -5.03 N | 21.52 -0.58 -3.64 N | 24.65 -0.82 -0.65 N | 26.89 -1.00 0.00 N | 26.75 -0.99 0.00 N | 26.32 -0.74 0.00 N | 26.28 -0.72 0.00 N | 27.12 -0.71 0.00 N | 26.64 -0.78 0.00 N | 26.79 -1.28 0.00 N | 32.46 -1.87 -0.45 N | 42.31 -2.65 -0.02 N | 30.37 -1.66 0.00 N | 24.48 -1.11 0.00 N | 20.70 -0.81 0.00 N | 14.24 -0.20 0.00 N | 11.54 -0.06 0.00 N | |
| YORK___WARBASSE 23770 | 25.65 2.29 -1.26 N | 26.94 1.51 -8.77 N | 23.80 1.72 -1.57 N | 39.17 0.58 -31.88 N | 53.49 -1.69 -75.76 N | 38.32 1.71 -18.91 N | 34.61 2.44 -10.54 N | 42.02 2.18 -22.16 N | 36.84 2.44 -15.93 N | 36.77 3.31 -8.64 N | 34.70 3.75 -3.06 N | 32.75 3.75 -1.26 N | 31.54 3.60 -0.88 N | 31.63 3.61 -1.02 N | 31.49 3.66 0.00 N | 31.03 3.60 0.00 N | 31.63 3.56 0.00 N | 40.59 4.29 -2.42 N | 50.62 5.56 -0.13 N | 36.04 4.00 0.00 N | 28.83 3.24 0.00 N | 24.15 2.64 -0.01 N | 16.12 1.67 0.00 N | 12.82 1.23 0.00 N | |