

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

05/16/2009

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|---------------------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 36.84 | 4.64 | 0.00 | 52.73 | 51.14 | 24.22 | 1.42 | 18.30 | 16.55 | 27.92 | 35.28 | 36.93 | 23.96 | 22.23 | 34.48 | 21.79 | 39.01 | 41.46 | 38.81 | 42.56 | 37.80 | 31.66 | 25.08 | 44.18 |
| 24138 | 2.69 | 0.37 | 0.01 | 3.46 | -0.36 | 0.39 | -0.05 | 1.59 | 1.48 | 2.45 | 1.24 | 3.37 | 2.10 | 1.97 | 2.48 | 1.79 | 3.20 | 3.41 | 3.23 | 3.24 | 3.09 | 2.58 | 1.94 | 3.37 |
| | -3.04 | 0.00 | 0.00 | -5.33 | -55.91 | -18.98 | -2.28 | 0.00 | 0.00 | -1.12 | -21.86 | 0.00 | 0.00 | 0.00 | -6.63 | -1.07 | 0.00 | 0.00 | 0.00 | -2.31 | 0.00 | 0.00 | 0.00 | -0.56 |
| | 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 | 36.80 | 4.63 | 0.00 | 52.65 | 51.16 | 24.22 | 1.42 | 18.26 | 16.51 | 27.87 | 35.25 | 36.87 | 23.91 | 22.18 | 34.42 | 21.74 | 38.92 | 41.36 | 38.72 | 42.47 | 37.71 | 31.60 | 25.03 | 44.12 |
| 24260 | 2.65 | 0.36 | 0.01 | 3.37 | -0.35 | 0.38 | -0.05 | 1.55 | 1.44 | 2.40 | 1.22 | 3.32 | 2.05 | 1.92 | 2.42 | 1.74 | 3.11 | 3.31 | 3.14 | 3.14 | 2.99 | 2.52 | 1.89 | 3.31 |
| | -3.04 | 0.00 | 0.00 | -5.33 | -55.91 | -18.98 | -2.28 | 0.00 | 0.00 | -1.12 | -21.86 | 0.00 | 0.00 | 0.00 | -6.64 | -1.07 | 0.00 | 0.00 | 0.00 | -2.31 | 0.00 | 0.00 | 0.00 | -0.56 |
| | 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 | 36.80 | 4.63 | 0.00 | 52.65 | 51.16 | 24.22 | 1.42 | 18.26 | 16.51 | 27.87 | 35.25 | 36.87 | 23.91 | 22.18 | 34.42 | 21.74 | 38.92 | 41.36 | 38.72 | 42.47 | 37.71 | 31.60 | 25.03 | 44.12 |
| 24261 | 2.65 | 0.36 | 0.01 | 3.37 | -0.35 | 0.38 | -0.05 | 1.55 | 1.44 | 2.40 | 1.22 | 3.32 | 2.05 | 1.92 | 2.42 | 1.74 | 3.11 | 3.31 | 3.14 | 3.14 | 2.99 | 2.52 | 1.89 | 3.31 |
| | -3.04 | 0.00 | 0.00 | -5.33 | -55.91 | -18.98 | -2.28 | 0.00 | 0.00 | -1.12 | -21.86 | 0.00 | 0.00 | 0.00 | -6.64 | -1.07 | 0.00 | 0.00 | 0.00 | -2.31 | 0.00 | 0.00 | 0.00 | -0.56 |
| | 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 | 37.01 | 4.52 | 0.00 | 53.04 | 67.74 | 29.71 | 2.11 | 17.45 | 15.82 | 27.13 | 39.01 | 35.10 | 22.62 | 20.97 | 35.24 | 21.15 | 37.39 | 39.74 | 37.06 | 41.79 | 36.16 | 30.41 | 24.26 | 43.14 |
| 24011 | 1.95 | 0.24 | 0.01 | 2.18 | -0.26 | 0.27 | -0.04 | 0.73 | 0.75 | 1.30 | 0.57 | 1.54 | 0.76 | 0.71 | 1.09 | 0.80 | 1.57 | 1.69 | 1.47 | 1.78 | 1.45 | 1.33 | 1.12 | 2.17 |
| | -3.95 | 0.00 | 0.00 | -6.90 | -72.41 | -24.58 | -2.95 | 0.00 | 0.00 | -1.47 | -26.26 | 0.00 | 0.00 | 0.00 | -8.77 | -1.42 | 0.00 | 0.00 | 0.00 | -3.00 | 0.00 | 0.00 | 0.00 | -0.73 |
| | 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 | 37.01 | 4.52 | 0.00 | 53.04 | 67.74 | 29.71 | 2.11 | 17.45 | 15.82 | 27.13 | 39.01 | 35.10 | 22.62 | 20.97 | 35.24 | 21.15 | 37.39 | 39.74 | 37.06 | 41.79 | 36.16 | 30.41 | 24.26 | 43.14 |
| 23798 | 1.95 | 0.24 | 0.01 | 2.18 | -0.26 | 0.27 | -0.04 | 0.73 | 0.75 | 1.30 | 0.57 | 1.54 | 0.76 | 0.71 | 1.09 | 0.80 | 1.57 | 1.69 | 1.47 | 1.78 | 1.45 | 1.33 | 1.12 | 2.17 |
| | -3.95 | 0.00 | 0.00 | -6.90 | -72.41 | -24.58 | -2.95 | 0.00 | 0.00 | -1.47 | -26.26 | 0.00 | 0.00 | 0.00 | -8.77 | -1.42 | 0.00 | 0.00 | 0.00 | -3.00 | 0.00 | 0.00 | 0.00 | -0.73 |
| | 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 | 37.01 | 4.52 | 0.00 | 53.04 | 67.74 | 29.71 | 2.11 | 17.45 | 15.82 | 27.13 | 39.01 | 35.10 | 22.62 | 20.97 | 35.24 | 21.15 | 37.39 | 39.74 | 37.06 | 41.79 | 36.16 | 30.41 | 24.26 | 43.14 |
| 24028 | 1.95 | 0.24 | 0.01 | 2.18 | -0.26 | 0.27 | -0.04 | 0.73 | 0.75 | 1.30 | 0.57 | 1.54 | 0.76 | 0.71 | 1.09 | 0.80 | 1.57 | 1.69 | 1.47 | 1.78 | 1.45 | 1.33 | 1.12 | 2.17 |
| | -3.95 | 0.00 | 0.00 | -6.90 | -72.41 | -24.58 | -2.95 | 0.00 | 0.00 | -1.47 | -26.26 | 0.00 | 0.00 | 0.00 | -8.77 | -1.42 | 0.00 | 0.00 | 0.00 | -3.00 | 0.00 | 0.00 | 0.00 | -0.73 |
| | 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 | 36.46 | 4.46 | 0.01 | 52.54 | 65.92 | 29.04 | 2.04 | 17.40 | 15.68 | 26.87 | 38.34 | 35.05 | 22.67 | 21.04 | 35.10 | 21.19 | 37.48 | 39.83 | 37.13 | 41.67 | 36.07 | 30.20 | 24.15 | 42.92 |
| 23527 | 1.49 | 0.19 | 0.02 | 1.87 | -0.22 | 0.24 | -0.03 | 0.68 | 0.61 | 1.08 | 0.55 | 1.50 | 0.81 | 0.78 | 1.18 | 0.88 | 1.67 | 1.78 | 1.55 | 1.74 | 1.36 | 1.12 | 1.01 | 1.96 |
| | -3.85 | 0.00 | 0.00 | -6.72 | -70.56 | -23.95 | -2.88 | 0.00 | 0.00 | -1.44 | -25.62 | 0.00 | 0.00 | 0.00 | -8.55 | -1.38 | 0.00 | 0.00 | 0.00 | -2.92 | 0.00 | 0.00 | 0.00 | -0.71 |
| | 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 | 35.42 | 4.35 | 0.00 | 51.51 | 66.31 | 28.99 | 2.07 | 17.04 | 15.39 | 26.40 | 37.99 | 34.36 | 22.33 | 20.71 | 34.60 | 20.79 | 36.59 | 38.84 | 36.30 | 40.81 | 35.46 | 29.71 | 23.66 | 41.89 |
| 24190 | 0.45 | 0.07 | 0.01 | 0.81 | -0.08 | 0.10 | -0.01 | 0.32 | 0.32 | 0.60 | 0.30 | 0.80 | 0.46 | 0.44 | 0.64 | 0.47 | 0.78 | 0.79 | 0.71 | 0.86 | 0.75 | 0.63 | 0.52 | 0.93 |
| | -3.86 | 0.00 | 0.00 | -6.74 | -70.79 | -24.03 | -2.89 | 0.00 | 0.00 | -1.44 | -25.51 | 0.00 | 0.00 | 0.00 | -8.59 | -1.39 | 0.00 | 0.00 | 0.00 | -2.94 | 0.00 | 0.00 | 0.00 | -0.72 |
| | 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 | 35.42 | 4.35 | 0.00 | 51.51 | 66.31 | 28.99 | 2.07 | 17.04 | 15.39 | 26.40 | 37.99 | 34.36 | 22.33 | 20.71 | 34.60 | 20.79 | 36.59 | 38.84 | 36.30 | 40.81 | 35.46 | 29.71 | 23.66 | 41.89 |
| 23571 | 0.45 | 0.07 | 0.01 | 0.81 | -0.08 | 0.10 | -0.01 | 0.32 | 0.32 | 0.60 | 0.30 | 0.80 | 0.46 | 0.44 | 0.64 | 0.47 | 0.78 | 0.79 | 0.71 | 0.86 | 0.75 | 0.63 | 0.52 | 0.93 |
| | -3.86 | 0.00 | 0.00 | -6.74 | -70.79 | -24.03 | -2.89 | 0.00 | 0.00 | -1.44 | -25.51 | 0.00 | 0.00 | 0.00 | -8.59 | -1.39 | 0.00 | 0.00 | 0.00 | -2.94 | 0.00 | 0.00 | 0.00 | -0.72 |
| | 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 | 35.42 | 4.35 | 0.00 | 51.51 | 66.31 | 28.99 | 2.07 | 17.04 | 15.39 | 26.40 | 37.99 | 34.36 | 22.33 | 20.71 | 34.60 | 20.79 | 36.59 | 38.84 | 36.30 | 40.81 | 35.46 | 29.71 | 23.66 | 41.89 |
| 23572 | 0.45 | 0.07 | 0.01 | 0.81 | -0.08 | 0.10 | -0.01 | 0.32 | 0.32 | 0.60 | 0.30 | 0.80 | 0.46 | 0.44 | 0.64 | 0.47 | 0.78 | 0.79 | 0.71 | 0.86 | 0.75 | 0.63 | 0.52 | 0.93 |
| | -3.86 | 0.00 | 0.00 | -6.74 | -70.79 | -24.03 | -2.89 | 0.00 | 0.00 | -1.44 | -25.51 | 0.00 | 0.00 | 0.00 | -8.59 | -1.39 | 0.00 | 0.00 | 0.00 | -2.94 | 0.00 | 0.00 | 0.00 | -0.72 |
| | 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 | 35.42 | 4.35 | 0.00 | 51.51 | 66.31 | 28.99 | 2.07 | 17.04 | 15.39 | 26.40 | 37.99 | 34.36 | 22.33 | 20.71 | 34.60 | 20.79 | 36.59 | 38.84 | 36.30 | 40.81 | 35.46 | 29.71 | 23.66 | 41.89 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| 23573 | 0.45 -3.86 N | 0.07 0.00 N | 0.01 0.00 N | 0.81 -6.74 N | -0.08 -70.79 N | 0.10 -24.03 N | -0.01 -2.89 N | 0.32 0.00 N | 0.32 0.00 N | 0.60 -1.44 N | 0.30 -25.51 N | 0.80 0.00 N | 0.46 0.00 N | 0.44 0.00 N | 0.64 -8.59 N | 0.47 -1.39 N | 0.78 0.00 N | 0.79 0.00 N | 0.71 0.00 N | 0.86 -2.94 N | 0.75 0.00 N | 0.63 0.00 N | 0.52 0.00 N | 0.93 -0.72 N |
| ALBANY____4 23574 | 35.42 0.45 -3.86 N | 4.35 0.07 0.00 N | 0.00 0.01 0.00 N | 51.51 0.81 -6.74 N | 66.31 -0.08 -70.79 N | 28.99 0.10 -24.03 N | 2.07 -0.01 -2.89 N | 17.04 0.32 0.00 N | 15.39 0.32 0.00 N | 26.40 0.60 -1.44 N | 37.99 0.30 -25.51 N | 34.36 0.80 0.00 N | 22.33 0.46 0.00 N | 20.71 0.44 0.00 N | 34.60 0.64 -8.59 N | 20.79 0.47 -1.39 N | 36.59 0.78 0.00 N | 38.84 0.79 0.00 N | 36.30 0.71 0.00 N | 40.81 0.86 -2.94 N | 35.46 0.75 0.00 N | 29.71 0.63 0.00 N | 23.66 0.52 0.00 N | 41.89 0.93 -0.72 N |
| ALBANY____LFGE 323615 | 35.87 0.83 -3.93 N | 4.39 0.12 0.00 N | 0.00 0.01 0.00 N | 52.03 1.21 -6.87 N | 67.58 -0.12 -72.11 N | 29.48 0.15 -24.48 N | 2.12 -0.02 -2.94 N | 17.20 0.48 0.00 N | 15.54 0.48 0.00 N | 26.68 0.86 -1.47 N | 38.58 0.43 -25.98 N | 34.73 1.18 0.00 N | 22.56 0.70 0.00 N | 20.92 0.66 0.00 N | 35.03 0.92 -8.75 N | 21.02 0.68 -1.42 N | 37.00 1.18 0.00 N | 39.30 1.25 0.00 N | 36.71 1.13 0.00 N | 41.30 1.29 -2.99 N | 35.85 1.14 0.00 N | 30.02 0.94 0.00 N | 23.90 0.76 0.00 N | 42.31 1.34 -0.73 N |
| ALCOA_RYNLDS____DRP 24188 | 27.77 -3.19 0.15 N | 3.62 -0.65 0.00 N | -0.01 0.00 0.00 N | 35.89 -7.80 0.26 N | -6.37 0.78 2.74 N | 3.06 -0.87 0.93 N | -0.80 0.12 0.11 N | 13.20 -3.51 0.00 N | 11.93 -3.13 0.00 N | 19.52 -4.78 0.06 N | 9.04 -2.15 0.98 N | 28.18 -5.38 0.00 N | 18.67 -3.19 0.00 N | 16.85 -3.41 0.00 N | 20.95 -4.09 0.33 N | 15.72 -3.15 0.05 N | 30.00 -5.81 0.00 N | 31.45 -6.60 0.00 N | 29.16 -6.42 0.00 N | 30.39 -6.51 0.11 N | 29.19 -5.53 0.00 N | 24.52 -4.56 0.00 N | 20.16 -2.98 0.00 N | 32.46 -7.76 0.03 N |
| ALLEGHENY____COGEN 23514 | 30.93 -0.65 -0.46 N | 4.21 -0.06 0.00 N | -0.06 -0.05 0.00 N | 44.82 0.06 -0.81 N | 4.11 0.01 -8.51 N | 7.70 -0.04 -2.89 N | -0.46 0.00 -0.35 N | 16.93 0.21 0.00 N | 15.12 0.06 0.00 N | 24.40 -0.13 -0.17 N | 15.10 -0.13 -3.05 N | 33.30 -0.26 0.00 N | 21.73 -0.13 0.00 N | 20.04 -0.22 0.00 N | 25.83 -0.57 -1.03 N | 18.85 -0.24 -0.17 N | 35.34 -0.47 0.00 N | 37.63 -0.42 0.00 N | 35.18 -0.40 0.00 N | 36.91 -0.45 -0.35 N | 34.29 -0.42 0.00 N | 28.77 -0.31 0.00 N | 22.99 -0.15 0.00 N | 40.66 0.33 -0.09 N |
| ALTONA_WT_PWR 323606 | 27.25 -3.70 0.16 N | 3.54 -0.73 0.00 N | -0.02 0.00 0.00 N | 34.98 -8.70 0.28 N | -6.45 0.87 2.92 N | 2.86 -1.00 0.99 N | -0.79 0.13 0.12 N | 12.88 -3.84 0.00 N | 11.62 -3.45 0.00 N | 18.94 -5.35 0.06 N | 8.70 -2.42 1.05 N | 27.37 -6.18 0.00 N | 18.08 -3.78 0.00 N | 16.37 -3.89 0.00 N | 20.39 -4.62 0.35 N | 15.29 -3.58 0.06 N | 29.20 -6.62 0.00 N | 30.73 -7.32 0.00 N | 28.53 -7.06 0.00 N | 29.55 -7.34 0.12 N | 28.42 -6.29 0.00 N | 23.89 -5.19 0.00 N | 19.56 -3.58 0.00 N | 31.42 -8.80 0.03 N |
| AMERICAN_REF_FUEL 24010 | 28.52 -3.00 -0.40 N | 3.94 -0.34 0.00 N | -0.07 -0.06 0.00 N | 41.96 -2.69 -0.70 N | 3.19 0.24 -7.36 N | 7.01 -0.34 2.50 N | -0.48 0.03 -0.30 N | 15.70 -1.02 0.00 N | 13.81 -1.25 0.00 N | 22.02 -2.48 -0.15 N | 13.43 -1.38 -2.64 N | 29.85 -3.71 0.00 N | 19.52 -2.34 0.00 N | 17.87 -2.39 0.00 N | 22.95 -3.31 -0.89 N | 16.83 -2.24 -0.14 N | 31.60 -4.21 0.00 N | 33.54 -4.51 0.00 N | 31.31 -4.28 0.00 N | 32.87 -4.44 -0.30 N | 30.46 -4.25 0.00 N | 25.74 -3.34 0.00 N | 21.03 -2.12 0.00 N | 37.75 -2.58 -0.07 N |
| ARTHUR_KILL_GT_1 23520 | 36.96 2.81 -3.04 N | 4.64 0.37 0.00 N | 0.00 0.02 0.00 N | 52.77 3.49 -5.33 N | 51.15 -0.35 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.06 -2.28 N | 18.27 1.55 0.00 N | 16.52 1.45 0.00 N | 27.92 2.45 -1.12 N | 35.34 1.25 -21.92 N | 36.91 3.34 -0.01 N | 23.91 2.04 -0.01 N | 22.15 1.89 0.00 N | 34.43 2.42 -6.64 N | 21.74 1.74 -1.07 N | 38.91 3.09 0.00 N | 41.32 3.27 0.00 N | 38.72 3.14 0.00 N | 42.51 3.19 -2.32 N | 37.70 2.98 0.00 N | 31.60 2.51 -0.01 N | 27.92 1.98 -2.80 N | 44.31 3.49 -0.57 N |
| ARTHUR_KILL_2 23512 | 36.96 2.81 -3.04 N | 4.64 0.37 0.00 N | 0.00 0.02 0.00 N | 52.77 3.49 -5.33 N | 51.15 -0.35 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.06 -2.28 N | 18.27 1.55 0.00 N | 16.52 1.45 0.00 N | 27.92 2.45 -1.12 N | 35.34 1.25 -21.92 N | 36.91 3.34 -0.01 N | 23.91 2.04 -0.01 N | 22.15 1.89 0.00 N | 34.43 2.42 -6.64 N | 21.74 1.74 -1.07 N | 38.91 3.09 0.00 N | 41.32 3.27 0.00 N | 38.72 3.14 0.00 N | 42.51 3.19 -2.32 N | 37.70 2.98 0.00 N | 31.60 2.51 -0.01 N | 27.92 1.98 -2.80 N | 44.31 3.49 -0.57 N |
| ARTHUR_KILL_3 23513 | 36.77 2.62 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.60 3.32 -5.33 N | 51.16 -0.34 -55.91 N | 24.21 0.38 -18.98 N | 1.42 -0.05 -2.28 N | 18.24 1.53 0.00 N | 16.49 1.42 0.00 N | 27.83 2.35 -1.12 N | 35.28 1.19 -21.92 N | 36.81 3.25 -0.01 N | 23.89 2.02 -0.01 N | 22.16 1.90 0.00 N | 34.40 2.39 -6.63 N | 21.71 1.71 -1.07 N | 38.88 3.07 0.00 N | 41.33 3.28 0.00 N | 38.70 3.12 0.00 N | 42.43 3.10 -2.31 N | 37.65 2.94 0.00 N | 31.56 2.48 0.00 N | 26.93 1.85 -1.94 N | 44.02 3.20 -0.56 N |
| ASHOKAN____ 23654 | 36.66 2.26 -3.28 N | 4.59 0.32 0.00 N | 0.00 0.01 0.00 N | 52.80 3.10 -5.75 N | 55.60 -0.31 -60.33 N | 25.69 0.36 -20.48 N | 1.61 -0.04 -2.46 N | 18.19 1.48 0.00 N | 16.49 1.43 0.00 N | 27.93 2.41 -1.17 N | 35.55 1.22 -22.16 N | 36.89 3.34 0.00 N | 23.92 2.05 0.00 N | 22.19 1.93 0.00 N | 34.75 2.44 -6.94 N | 21.84 1.79 -1.12 N | 39.04 3.23 0.00 N | 41.41 3.36 0.00 N | 38.64 3.05 0.00 N | 42.39 2.92 -2.46 N | 37.49 2.78 0.00 N | 31.38 2.30 0.00 N | 24.88 1.74 0.00 N | 43.92 3.07 -0.60 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 36.77 2.62 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.44 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.30 1.59 0.00 N | 16.55 1.49 0.00 N | 27.89 2.42 -1.12 N | 35.26 1.19 -21.90 N | 36.84 3.28 0.00 N | 23.90 2.03 -0.01 N | 22.19 1.93 0.00 N | 34.39 2.39 -6.64 N | 21.73 1.73 -1.07 N | 38.87 3.06 0.00 N | 41.29 3.24 0.00 N | 38.66 3.08 0.00 N | 42.42 3.10 -2.31 N | 37.69 2.97 0.00 N | 31.58 2.49 0.00 N | 25.00 1.86 0.00 N | 44.12 3.31 -0.56 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 36.79 2.64 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.73 3.44 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.89 2.42 -1.12 N | 35.27 1.19 -21.90 N | 36.85 3.29 0.00 N | 23.91 2.04 -0.01 N | 22.19 1.93 0.00 N | 34.40 2.39 -6.64 N | 21.73 1.73 -1.07 N | 38.88 3.07 0.00 N | 41.30 3.25 0.00 N | 38.67 3.09 0.00 N | 42.44 3.12 -2.31 N | 37.69 2.98 0.00 N | 31.58 2.50 0.00 N | 25.01 1.87 0.00 N | 44.13 3.31 -0.56 N |
| ASTORIA_GT2_1 24094 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-----------------------------|---------------------------|---------------------------|-----------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| ASTORIA_GT2_2 24095 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N |
| ASTORIA_GT2_3 24096 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N |
| ASTORIA_GT2_4 24097 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N |
| ASTORIA_GT3_1 24098 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N |
| ASTORIA_GT3_2 24099 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N |
| ASTORIA_GT3_3 24100 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N |
| ASTORIA_GT3_4 24101 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N |
| ASTORIA_GT4_1 24102 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N |
| ASTORIA_GT4_2 24103 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N |
| ASTORIA_GT4_3 24104 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N |
| ASTORIA_GT4_4 24105 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N |
| ASTORIA_GT_1 23523 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N |
| ASTORIA_GT_10 24110 | 36.91 2.76 -3.04 N | 4.65 0.37 0.00 N | 0.00 0.01 0.00 N | 52.81 3.53 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.61 0.00 N | 16.58 1.51 0.00 N | 27.98 2.51 -1.12 N | 35.35 1.28 -21.90 N | 37.03 3.47 0.00 N | 24.04 2.17 -0.01 N | 22.28 2.02 0.00 N | 34.52 2.52 -6.64 N | 21.82 1.82 -1.07 N | 39.07 3.25 0.00 N | 41.49 3.44 0.00 N | 38.85 3.26 0.00 N | 42.59 3.27 -2.31 N | 37.84 3.12 0.00 N | 31.70 2.62 0.00 N | 25.11 1.97 0.00 N | 44.25 3.44 -0.56 N |
| ASTORIA_GT_11 24225 | 36.91 2.76 -3.04 N | 4.65 0.37 0.00 N | 0.00 0.01 0.00 N | 52.81 3.53 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.61 0.00 N | 16.58 1.51 0.00 N | 27.98 2.51 -1.12 N | 35.35 1.28 -21.90 N | 37.03 3.47 0.00 N | 24.04 2.17 -0.01 N | 22.28 2.02 0.00 N | 34.52 2.52 -6.64 N | 21.82 1.82 -1.07 N | 39.07 3.25 0.00 N | 41.49 3.44 0.00 N | 38.85 3.26 0.00 N | 42.59 3.27 -2.31 N | 37.84 3.12 0.00 N | 31.70 2.62 0.00 N | 25.11 1.97 0.00 N | 44.25 3.44 -0.56 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 | 36.91 2.76 -3.04 N | 4.65 0.37 0.00 N | 0.00 0.01 0.00 N | 52.81 3.53 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.61 0.00 N | 16.58 1.51 0.00 N | 27.98 2.51 -1.12 N | 35.35 1.28 -21.90 N | 37.03 3.47 0.00 N | 24.04 2.17 -0.01 N | 22.28 2.02 0.00 N | 34.52 2.52 -6.64 N | 21.82 1.82 -1.07 N | 39.07 3.25 0.00 N | 41.49 3.44 0.00 N | 38.85 3.26 0.00 N | 42.59 3.27 -2.31 N | 37.84 3.12 0.00 N | 31.70 2.62 0.00 N | 25.11 1.97 0.00 N | 44.25 3.44 -0.56 N | |
| ASTORIA_GT_13 24227 | 36.91 2.76 -3.04 N | 4.65 0.37 0.00 N | 0.00 0.01 0.00 N | 52.81 3.53 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.61 0.00 N | 16.58 1.51 0.00 N | 27.98 2.51 -1.12 N | 35.35 1.28 -21.90 N | 37.03 3.47 0.00 N | 24.04 2.17 -0.01 N | 22.28 2.02 0.00 N | 34.52 2.52 -6.64 N | 21.82 1.82 -1.07 N | 39.07 3.25 0.00 N | 41.49 3.44 0.00 N | 38.85 3.26 0.00 N | 42.59 3.27 -2.31 N | 37.84 3.12 0.00 N | 31.70 2.62 0.00 N | 25.11 1.97 0.00 N | 44.25 3.44 -0.56 N | |
| ASTORIA_GT_5 24106 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N | |
| ASTORIA_GT_7 24107 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N | |
| ASTORIA_GT_8 24108 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N | |
| ASTORIA___2 24149 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N | |
| ASTORIA___3 23516 | 36.91 2.76 -3.04 N | 4.65 0.37 0.00 N | 0.00 0.01 0.00 N | 52.81 3.53 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.61 0.00 N | 16.58 1.51 0.00 N | 27.98 2.51 -1.12 N | 35.35 1.28 -21.90 N | 37.03 3.47 0.00 N | 24.04 2.17 -0.01 N | 22.28 2.02 0.00 N | 34.52 2.52 -6.64 N | 21.82 1.82 -1.07 N | 39.07 3.25 0.00 N | 41.49 3.44 0.00 N | 38.85 3.26 0.00 N | 42.59 3.27 -2.31 N | 37.84 3.12 0.00 N | 31.70 2.62 0.00 N | 25.11 1.97 0.00 N | 44.25 3.44 -0.56 N | |
| ASTORIA___4 23517 | 36.91 2.76 -3.04 N | 4.65 0.37 0.00 N | 0.00 0.01 0.00 N | 52.81 3.53 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.61 0.00 N | 16.58 1.51 0.00 N | 27.98 2.51 -1.12 N | 35.35 1.28 -21.90 N | 37.03 3.47 0.00 N | 24.04 2.17 -0.01 N | 22.28 2.02 0.00 N | 34.52 2.52 -6.64 N | 21.82 1.82 -1.07 N | 39.07 3.25 0.00 N | 41.49 3.44 0.00 N | 38.85 3.26 0.00 N | 42.59 3.27 -2.31 N | 37.84 3.12 0.00 N | 31.70 2.62 0.00 N | 25.11 1.97 0.00 N | 44.25 3.44 -0.56 N | |
| ASTORIA___5 23518 | 36.79 2.65 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.73 3.45 -5.33 N | 51.14 -0.36 -55.91 N | 24.24 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.31 1.59 0.00 N | 16.56 1.49 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.19 -21.90 N | 36.86 3.30 0.00 N | 23.92 2.05 -0.01 N | 22.20 1.94 0.00 N | 34.41 2.40 -6.64 N | 21.73 1.73 -1.07 N | 38.90 3.09 0.00 N | 41.31 3.26 0.00 N | 38.69 3.11 0.00 N | 42.45 3.13 -2.31 N | 37.71 3.00 0.00 N | 31.59 2.51 0.00 N | 25.02 1.88 0.00 N | 44.16 3.35 -0.56 N | |
| ATHENS_STG_1 23668 | 35.73 1.26 -3.37 N | 4.45 0.18 0.00 N | 0.00 0.01 0.00 N | 51.54 1.71 -5.88 N | 57.11 -0.17 -61.70 N | 25.99 0.20 -20.94 N | 1.68 -0.03 -2.52 N | 17.37 0.65 0.00 N | 15.67 0.61 0.00 N | 26.65 1.02 -1.27 N | 34.12 0.51 -21.43 N | 34.95 1.39 0.00 N | 22.70 0.84 0.00 N | 21.06 0.80 0.00 N | 33.94 1.03 -7.55 N | 20.91 0.76 -1.22 N | 37.17 1.36 0.00 N | 39.49 1.44 0.00 N | 36.97 1.38 0.00 N | 41.09 1.52 -2.55 N | 36.12 1.41 0.00 N | 30.28 1.20 0.00 N | 24.07 0.92 0.00 N | 42.51 1.64 -0.62 N | |
| ATHENS_STG_2 23670 | 35.73 1.26 -3.37 N | 4.45 0.18 0.00 N | 0.00 0.01 0.00 N | 51.54 1.71 -5.88 N | 57.11 -0.17 -61.70 N | 25.99 0.20 -20.94 N | 1.68 -0.03 -2.52 N | 17.37 0.65 0.00 N | 15.67 0.61 0.00 N | 26.65 1.02 -1.27 N | 34.12 0.51 -21.43 N | 34.95 1.39 0.00 N | 22.70 0.84 0.00 N | 21.06 0.80 0.00 N | 33.94 1.03 -7.55 N | 20.91 0.76 -1.22 N | 37.17 1.36 0.00 N | 39.49 1.44 0.00 N | 36.97 1.38 0.00 N | 41.09 1.52 -2.55 N | 36.12 1.41 0.00 N | 30.28 1.20 0.00 N | 24.07 0.92 0.00 N | 42.51 1.64 -0.62 N | |
| ATHENS_STG_3 23677 | 35.73 1.26 -3.37 N | 4.45 0.18 0.00 N | 0.00 0.01 0.00 N | 51.54 1.71 -5.88 N | 57.11 -0.17 -61.70 N | 25.99 0.20 -20.94 N | 1.68 -0.03 -2.52 N | 17.37 0.65 0.00 N | 15.67 0.61 0.00 N | 26.65 1.02 -1.27 N | 34.12 0.51 -21.43 N | 34.95 1.39 0.00 N | 22.70 0.84 0.00 N | 21.06 0.80 0.00 N | 33.94 1.03 -7.55 N | 20.91 0.76 -1.22 N | 37.17 1.36 0.00 N | 39.49 1.44 0.00 N | 36.97 1.38 0.00 N | 41.09 1.52 -2.55 N | 36.12 1.41 0.00 N | 30.28 1.20 0.00 N | 24.07 0.92 0.00 N | 42.51 1.64 -0.62 N | |
| BARRETT_IC_1 23704 | 36.85 2.70 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.67 1.74 -1.22 N | 51.63 1.66 -34.91 N | 46.12 2.77 -18.99 N | 49.42 1.38 -35.87 N | 45.17 3.75 -7.87 N | 52.77 2.32 -28.59 N | 30.96 2.18 -8.52 N | 34.77 2.67 -6.73 N | 22.13 1.95 -1.26 N | 38.97 3.16 0.00 N | 41.27 3.22 0.00 N | 38.73 3.15 0.00 N | 42.59 3.27 -2.31 N | 37.94 3.23 0.00 N | 31.80 2.73 0.00 N | 25.17 2.03 0.00 N | 44.27 3.45 -0.56 N | |
| BARRETT_IC_10 | 36.85 | 4.64 | -0.03 | 52.39 | 51.19 | 24.17 | 1.43 | 19.67 | 51.63 | 46.12 | 49.42 | 45.17 | 52.77 | 30.96 | 34.77 | 22.13 | 38.97 | 41.27 | 38.73 | 42.59 | 37.94 | 31.80 | 25.17 | 44.27 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|--|-----------------------------|----------------------------|-----------------------------|-----------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 23701 | | 2.70 -3.04 N | 0.37 0.00 N | -0.02 0.00 N | 3.11 -5.33 N | -0.32 -55.92 N | 0.34 -18.98 N | -0.05 -2.28 N | 1.74 -1.22 N | 1.66 -34.91 N | 2.77 -18.99 N | 1.38 -35.87 N | 3.75 -7.87 N | 2.32 -28.59 N | 2.18 -8.52 N | 2.67 -6.73 N | 1.95 -1.26 N | 3.16 0.00 N | 3.22 0.00 N | 3.15 0.00 N | 3.27 -2.31 N | 3.23 0.00 N | 2.73 0.00 N | 2.03 0.00 N | 3.45 -0.56 N |
| BARRETT_IC_11 23702 | | 36.85 2.70 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.67 1.74 -1.22 N | 51.63 1.66 -34.91 N | 46.12 2.77 -18.99 N | 49.42 1.38 -35.87 N | 45.17 3.75 -7.87 N | 52.77 2.32 -28.59 N | 30.96 2.18 -8.52 N | 34.77 2.67 -6.73 N | 22.13 1.95 -1.26 N | 38.97 3.16 0.00 N | 41.27 3.22 0.00 N | 38.73 3.15 0.00 N | 42.59 3.27 -2.31 N | 37.94 3.23 0.00 N | 31.80 2.73 0.00 N | 25.17 2.03 0.00 N | 44.27 3.45 -0.56 N |
| BARRETT_IC_12 23703 | | 36.85 2.70 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.67 1.74 -1.22 N | 51.63 1.66 -34.91 N | 46.12 2.77 -18.99 N | 49.42 1.38 -35.87 N | 45.17 3.75 -7.87 N | 52.77 2.32 -28.59 N | 30.96 2.18 -8.52 N | 34.77 2.67 -6.73 N | 22.13 1.95 -1.26 N | 38.97 3.16 0.00 N | 41.27 3.22 0.00 N | 38.73 3.15 0.00 N | 42.59 3.27 -2.31 N | 37.94 3.23 0.00 N | 31.80 2.73 0.00 N | 25.17 2.03 0.00 N | 44.27 3.45 -0.56 N |
| BARRETT_IC_2 23705 | | 36.85 2.70 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.67 1.74 -1.22 N | 51.63 1.66 -34.91 N | 46.12 2.77 -18.99 N | 49.42 1.38 -35.87 N | 45.17 3.75 -7.87 N | 52.77 2.32 -28.59 N | 30.96 2.18 -8.52 N | 34.77 2.67 -6.73 N | 22.13 1.95 -1.26 N | 38.97 3.16 0.00 N | 41.27 3.22 0.00 N | 38.73 3.15 0.00 N | 42.59 3.27 -2.31 N | 37.94 3.23 0.00 N | 31.80 2.73 0.00 N | 25.17 2.03 0.00 N | 44.27 3.45 -0.56 N |
| BARRETT_IC_3 23706 | | 36.85 2.70 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.67 1.74 -1.22 N | 51.63 1.66 -34.91 N | 46.12 2.77 -18.99 N | 49.42 1.38 -35.87 N | 45.17 3.75 -7.87 N | 52.77 2.32 -28.59 N | 30.96 2.18 -8.52 N | 34.77 2.67 -6.73 N | 22.13 1.95 -1.26 N | 38.97 3.16 0.00 N | 41.27 3.22 0.00 N | 38.73 3.15 0.00 N | 42.59 3.27 -2.31 N | 37.94 3.23 0.00 N | 31.80 2.73 0.00 N | 25.17 2.03 0.00 N | 44.27 3.45 -0.56 N |
| BARRETT_IC_4 23707 | | 36.85 2.70 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.67 1.74 -1.22 N | 51.63 1.66 -34.91 N | 46.12 2.77 -18.99 N | 49.42 1.38 -35.87 N | 45.17 3.75 -7.87 N | 52.77 2.32 -28.59 N | 30.96 2.18 -8.52 N | 34.77 2.67 -6.73 N | 22.13 1.95 -1.26 N | 38.97 3.16 0.00 N | 41.27 3.22 0.00 N | 38.73 3.15 0.00 N | 42.59 3.27 -2.31 N | 37.94 3.23 0.00 N | 31.80 2.73 0.00 N | 25.17 2.03 0.00 N | 44.27 3.45 -0.56 N |
| BARRETT_IC_5 23708 | | 36.85 2.70 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.67 1.74 -1.22 N | 51.63 1.66 -34.91 N | 46.12 2.77 -18.99 N | 49.42 1.38 -35.87 N | 45.17 3.75 -7.87 N | 52.77 2.32 -28.59 N | 30.96 2.18 -8.52 N | 34.77 2.67 -6.73 N | 22.13 1.95 -1.26 N | 38.97 3.16 0.00 N | 41.27 3.22 0.00 N | 38.73 3.15 0.00 N | 42.59 3.27 -2.31 N | 37.94 3.23 0.00 N | 31.80 2.73 0.00 N | 25.17 2.03 0.00 N | 44.27 3.45 -0.56 N |
| BARRETT_IC_6 23709 | | 36.85 2.70 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.67 1.74 -1.22 N | 51.63 1.66 -34.91 N | 46.12 2.77 -18.99 N | 49.42 1.38 -35.87 N | 45.17 3.75 -7.87 N | 52.77 2.32 -28.59 N | 30.96 2.18 -8.52 N | 34.77 2.67 -6.73 N | 22.13 1.95 -1.26 N | 38.97 3.16 0.00 N | 41.27 3.22 0.00 N | 38.73 3.15 0.00 N | 42.59 3.27 -2.31 N | 37.94 3.23 0.00 N | 31.80 2.73 0.00 N | 25.17 2.03 0.00 N | 44.27 3.45 -0.56 N |
| BARRETT_IC_7 23710 | | 36.85 2.70 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.67 1.74 -1.22 N | 51.63 1.66 -34.91 N | 46.12 2.77 -18.99 N | 49.42 1.38 -35.87 N | 45.17 3.75 -7.87 N | 52.77 2.32 -28.59 N | 30.96 2.18 -8.52 N | 34.77 2.67 -6.73 N | 22.13 1.95 -1.26 N | 38.97 3.16 0.00 N | 41.27 3.22 0.00 N | 38.73 3.15 0.00 N | 42.59 3.27 -2.31 N | 37.94 3.23 0.00 N | 31.80 2.73 0.00 N | 25.17 2.03 0.00 N | 44.27 3.45 -0.56 N |
| BARRETT_IC_8 23711 | | 36.85 2.70 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.67 1.74 -1.22 N | 51.63 1.66 -34.91 N | 46.12 2.77 -18.99 N | 49.42 1.38 -35.87 N | 45.17 3.75 -7.87 N | 52.77 2.32 -28.59 N | 30.96 2.18 -8.52 N | 34.77 2.67 -6.73 N | 22.13 1.95 -1.26 N | 38.97 3.16 0.00 N | 41.27 3.22 0.00 N | 38.73 3.15 0.00 N | 42.59 3.27 -2.31 N | 37.94 3.23 0.00 N | 31.80 2.73 0.00 N | 25.17 2.03 0.00 N | 44.27 3.45 -0.56 N |
| BARRETT_IC_9 23700 | | 36.85 2.70 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.67 1.74 -1.22 N | 51.63 1.66 -34.91 N | 46.12 2.77 -18.99 N | 49.42 1.38 -35.87 N | 45.17 3.75 -7.87 N | 52.77 2.32 -28.59 N | 30.96 2.18 -8.52 N | 34.77 2.67 -6.73 N | 22.13 1.95 -1.26 N | 38.97 3.16 0.00 N | 41.27 3.22 0.00 N | 38.73 3.15 0.00 N | 42.59 3.27 -2.31 N | 37.94 3.23 0.00 N | 31.80 2.73 0.00 N | 25.17 2.03 0.00 N | 44.27 3.45 -0.56 N |
| BARRETT____1 23545 | | 36.85 2.70 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.67 1.74 -1.22 N | 51.63 1.66 -34.91 N | 46.12 2.77 -18.99 N | 49.42 1.38 -35.87 N | 45.17 3.75 -7.87 N | 52.77 2.32 -28.59 N | 30.96 2.18 -8.52 N | 34.77 2.67 -6.73 N | 22.13 1.95 -1.26 N | 38.97 3.16 0.00 N | 41.27 3.22 0.00 N | 38.73 3.15 0.00 N | 42.59 3.27 -2.31 N | 37.94 3.23 0.00 N | 31.80 2.73 0.00 N | 25.17 2.03 0.00 N | 44.27 3.45 -0.56 N |
| BARRETT____2 23546 | | 36.85 2.70 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.67 1.74 -1.22 N | 51.63 1.66 -34.91 N | 46.12 2.77 -18.99 N | 49.42 1.38 -35.87 N | 45.17 3.75 -7.87 N | 52.77 2.32 -28.59 N | 30.96 2.18 -8.52 N | 34.77 2.67 -6.73 N | 22.13 1.95 -1.26 N | 38.97 3.16 0.00 N | 41.27 3.22 0.00 N | 38.73 3.15 0.00 N | 42.59 3.27 -2.31 N | 37.94 3.23 0.00 N | 31.80 2.73 0.00 N | 25.17 2.03 0.00 N | 44.27 3.45 -0.56 N |
| BEAVER RIVER____HYD 24048 | | 30.00 -1.12 0.00 N | 4.05 -0.23 0.00 N | -0.02 0.00 0.00 N | 41.32 -2.63 0.00 N | -4.15 0.26 0.00 N | 4.56 -0.29 0.00 N | -0.76 0.04 0.00 N | 15.68 -1.03 0.00 N | 14.21 -0.85 0.00 N | 23.06 -1.29 0.00 N | 11.60 -0.58 0.00 N | 32.08 -1.48 0.00 N | 21.03 -0.84 0.00 N | 19.32 -0.94 0.00 N | 24.21 -1.16 0.00 N | 18.06 -0.86 0.00 N | 34.23 -1.58 0.00 N | 36.21 -1.84 0.00 N | 33.65 -1.93 0.00 N | 34.97 -2.04 0.00 N | 32.92 -1.79 0.00 N | 27.45 -1.63 0.00 N | 21.91 -1.23 0.00 N | 37.23 -3.02 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| BEEBEE_GT_13 23619 | 30.43 -1.01 -0.32 N | 4.17 -0.11 0.00 N | -0.05 -0.03 0.00 N | 43.92 -0.59 -0.56 N | 1.55 0.04 -5.92 N | 6.79 -0.08 -2.01 N | -0.56 0.00 -0.24 N | 16.72 0.00 0.00 N | 15.02 -0.05 0.00 N | 24.25 -0.22 -0.12 N | 14.15 -0.14 -2.13 N | 33.24 -0.31 0.00 N | 21.79 -0.07 0.00 N | 20.09 -0.17 0.00 N | 25.66 -0.42 -0.71 N | 18.89 -0.15 -0.12 N | 35.57 -0.24 0.00 N | 37.74 -0.31 0.00 N | 35.17 -0.41 0.00 N | 36.85 -0.41 -0.24 N | 34.38 -0.33 0.00 N | 28.78 -0.30 0.00 N | 22.94 -0.20 0.00 N | 40.10 -0.21 -0.06 N |
| BETHLEHEM___GRP 23843 | 35.42 0.45 -3.86 N | 4.35 0.07 0.00 N | 0.00 0.01 0.00 N | 51.51 0.81 -6.74 N | 66.31 -0.08 -70.79 N | 28.99 0.10 -24.03 N | 2.07 -0.01 -2.89 N | 17.04 0.32 0.00 N | 15.39 0.32 0.00 N | 26.40 0.60 -1.44 N | 37.99 0.30 -25.51 N | 34.36 0.80 0.00 N | 22.33 0.46 0.00 N | 20.71 0.44 0.00 N | 34.60 0.64 -8.59 N | 20.79 0.47 -1.39 N | 36.59 0.78 0.00 N | 38.84 0.79 0.00 N | 36.30 0.71 0.00 N | 40.81 0.86 -2.94 N | 35.46 0.75 0.00 N | 29.71 0.63 0.00 N | 23.66 0.52 0.00 N | 41.89 0.93 -0.72 N |
| BETHLEHEM___GS1 323560 | 35.42 0.45 -3.86 N | 4.35 0.07 0.00 N | 0.00 0.01 0.00 N | 51.51 0.81 -6.74 N | 66.31 -0.08 -70.79 N | 28.99 0.10 -24.03 N | 2.07 -0.01 -2.89 N | 17.04 0.32 0.00 N | 15.39 0.32 0.00 N | 26.40 0.60 -1.44 N | 37.99 0.30 -25.51 N | 34.36 0.80 0.00 N | 22.33 0.46 0.00 N | 20.71 0.44 0.00 N | 34.60 0.64 -8.59 N | 20.79 0.47 -1.39 N | 36.59 0.78 0.00 N | 38.84 0.79 0.00 N | 36.30 0.71 0.00 N | 40.81 0.86 -2.94 N | 35.46 0.75 0.00 N | 29.71 0.63 0.00 N | 23.66 0.52 0.00 N | 41.89 0.93 -0.72 N |
| BETHLEHEM___GS2 323561 | 35.42 0.45 -3.86 N | 4.35 0.07 0.00 N | 0.00 0.01 0.00 N | 51.51 0.81 -6.74 N | 66.31 -0.08 -70.79 N | 28.99 0.10 -24.03 N | 2.07 -0.01 -2.89 N | 17.04 0.32 0.00 N | 15.39 0.32 0.00 N | 26.40 0.60 -1.44 N | 37.99 0.30 -25.51 N | 34.36 0.80 0.00 N | 22.33 0.46 0.00 N | 20.71 0.44 0.00 N | 34.60 0.64 -8.59 N | 20.79 0.47 -1.39 N | 36.59 0.78 0.00 N | 38.84 0.79 0.00 N | 36.30 0.71 0.00 N | 40.81 0.86 -2.94 N | 35.46 0.75 0.00 N | 29.71 0.63 0.00 N | 23.66 0.52 0.00 N | 41.89 0.93 -0.72 N |
| BETHLEHEM___GS3 323562 | 35.42 0.45 -3.86 N | 4.35 0.07 0.00 N | 0.00 0.01 0.00 N | 51.51 0.81 -6.74 N | 66.31 -0.08 -70.79 N | 28.99 0.10 -24.03 N | 2.07 -0.01 -2.89 N | 17.04 0.32 0.00 N | 15.39 0.32 0.00 N | 26.40 0.60 -1.44 N | 37.99 0.30 -25.51 N | 34.36 0.80 0.00 N | 22.33 0.46 0.00 N | 20.71 0.44 0.00 N | 34.60 0.64 -8.59 N | 20.79 0.47 -1.39 N | 36.59 0.78 0.00 N | 38.84 0.79 0.00 N | 36.30 0.71 0.00 N | 40.81 0.86 -2.94 N | 35.46 0.75 0.00 N | 29.71 0.63 0.00 N | 23.66 0.52 0.00 N | 41.89 0.93 -0.72 N |
| BETHLEHEM___STEEL 23779 | 29.03 -2.51 -0.42 N | 4.00 -0.27 0.00 N | -0.07 -0.06 0.00 N | 42.69 -2.01 -0.74 N | 3.58 0.19 -7.80 N | 7.23 0.02 -2.65 N | -0.47 0.02 -0.32 N | 15.95 -0.77 0.00 N | 14.06 -1.00 0.00 N | 22.46 -2.05 -0.16 N | 13.81 -1.16 -2.80 N | 30.46 -3.10 0.00 N | 19.90 -1.96 0.00 N | 18.25 -2.01 0.00 N | 23.48 -2.83 -0.94 N | 17.20 -1.89 -0.15 N | 32.25 -3.57 0.00 N | 34.26 -3.79 0.00 N | 32.01 -3.57 0.00 N | 33.61 -3.72 -0.32 N | 31.16 -3.56 0.00 N | 26.30 -2.78 0.00 N | 21.38 -1.76 0.00 N | 38.34 -1.98 -0.08 N |
| BETHPAGE_CC_5 323564 | 36.81 2.66 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.35 3.07 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.33 -18.98 N | 1.42 -0.05 -2.28 N | 19.66 1.73 -1.22 N | 51.64 1.67 -34.91 N | 46.09 2.75 -18.99 N | 49.38 1.34 -35.87 N | 45.10 3.68 -7.87 N | 52.75 2.30 -28.59 N | 30.91 2.13 -8.52 N | 34.69 2.59 -6.73 N | 22.08 1.89 -1.26 N | 38.83 3.02 0.00 N | 41.22 3.17 0.00 N | 38.72 3.14 0.00 N | 42.58 3.25 -2.31 N | 37.92 3.21 0.00 N | 31.81 2.73 0.00 N | 25.15 2.00 0.00 N | 44.30 3.49 -0.56 N |
| BINGHAMTON___COGEN 23790 | 32.37 0.26 -1.00 N | 4.32 0.04 0.00 N | -0.02 0.00 0.00 N | 46.72 1.01 -1.75 N | 13.89 -0.06 -18.36 N | 11.15 0.07 -6.23 N | -0.06 -0.01 -0.75 N | 17.12 0.40 0.00 N | 15.38 0.32 0.00 N | 25.10 0.38 -0.37 N | 19.00 0.16 -6.66 N | 34.00 0.44 0.00 N | 22.12 0.25 0.00 N | 20.52 0.25 0.00 N | 27.82 0.23 -2.22 N | 19.54 0.25 -0.36 N | 36.27 0.46 0.00 N | 38.58 0.53 0.00 N | 36.07 0.49 0.00 N | 38.19 0.42 -0.76 N | 35.13 0.41 0.00 N | 29.41 0.33 0.00 N | 23.31 0.17 0.00 N | 41.10 0.67 -0.18 N |
| BLACK RIVER___HYD 24047 | 30.50 -0.70 -0.08 N | 4.12 -0.15 0.00 N | -0.02 -0.01 0.00 N | 42.39 -1.71 -0.15 N | -2.71 0.16 -1.54 N | 5.19 -0.18 -0.52 N | -0.72 0.03 -0.06 N | 16.12 -0.59 0.00 N | 14.63 -0.43 0.00 N | 23.75 -0.64 -0.03 N | 12.46 -0.27 -0.55 N | 32.90 -0.66 0.00 N | 21.59 -0.27 0.00 N | 19.89 -0.37 0.00 N | 25.04 -0.52 -0.19 N | 18.56 -0.40 -0.03 N | 35.10 -0.71 0.00 N | 37.20 -0.85 0.00 N | 34.64 -0.94 0.00 N | 36.06 -1.01 -0.06 N | 33.82 -0.89 0.00 N | 28.19 -0.89 0.00 N | 22.42 -0.73 0.00 N | 38.31 -1.95 -0.02 N |
| BLISS_WT_PWR 323608 | 29.24 -2.31 -0.44 N | 3.98 -0.29 0.00 N | -0.05 -0.04 0.00 N | 42.04 -2.68 -0.76 N | 3.84 0.21 -8.03 N | 7.40 -0.18 -2.73 N | -0.42 0.06 -0.33 N | 15.67 -1.04 0.00 N | 13.73 -1.33 0.00 N | 22.20 -2.32 -0.16 N | 13.80 -1.26 -2.88 N | 30.53 -3.03 0.00 N | 20.19 -1.68 0.00 N | 18.43 -1.83 0.00 N | 23.90 -2.44 -0.97 N | 17.31 -1.78 -0.16 N | 31.85 -3.97 0.00 N | 34.40 -3.65 0.00 N | 33.06 -2.52 0.00 N | 34.77 -2.58 -0.33 N | 32.30 -2.42 0.00 N | 26.80 -2.28 0.00 N | 21.89 -1.25 0.00 N | 39.18 -1.15 -0.08 N |
| BLUE_CIRC_CHEM_DRP 24182 | 35.59 0.66 -3.81 N | 4.37 0.10 0.00 N | 0.00 0.01 0.00 N | 51.69 1.07 -6.66 N | 65.41 -0.11 -69.93 N | 28.72 0.13 -23.74 N | 2.03 -0.02 -2.85 N | 17.11 0.40 0.00 N | 15.44 0.37 0.00 N | 26.42 0.64 -1.43 N | 37.66 0.28 -25.21 N | 34.32 0.76 0.00 N | 22.30 0.44 0.00 N | 20.68 0.42 0.00 N | 34.43 0.57 -8.48 N | 20.72 0.42 -1.37 N | 36.54 0.72 0.00 N | 38.81 0.76 0.00 N | 36.30 0.72 0.00 N | 40.73 0.81 -2.90 N | 35.45 0.74 0.00 N | 29.69 0.61 0.00 N | 23.61 0.47 0.00 N | 41.91 0.95 -0.71 N |
| BOC_GAS_DRP 24189 | 35.61 0.64 -3.85 N | 4.37 0.10 0.00 N | 0.00 0.01 0.00 N | 51.71 1.03 -6.73 N | 66.12 -0.10 -70.63 N | 28.95 0.12 -23.98 N | 2.06 -0.02 -2.88 N | 17.08 0.37 0.00 N | 15.41 0.35 0.00 N | 26.40 0.61 -1.44 N | 37.88 0.30 -25.40 N | 34.38 0.82 0.00 N | 22.35 0.48 0.00 N | 20.72 0.45 0.00 N | 34.57 0.62 -8.58 N | 20.77 0.45 -1.39 N | 36.60 0.78 0.00 N | 38.88 0.83 0.00 N | 36.36 0.78 0.00 N | 40.83 0.89 -2.93 N | 35.51 0.80 0.00 N | 29.76 0.68 0.00 N | 23.67 0.53 0.00 N | 41.92 0.96 -0.71 N |
| BORALEX_4TH_BRANCH 23824 | 36.46 1.49 -3.85 N | 4.46 0.19 0.00 N | 0.01 0.02 0.00 N | 52.54 1.87 -6.72 N | 65.92 -0.22 -70.56 N | 29.04 0.24 -23.95 N | 2.04 -0.03 -2.88 N | 17.40 0.68 0.00 N | 15.68 0.61 0.00 N | 26.87 1.08 -1.44 N | 38.34 0.55 -25.62 N | 35.05 1.50 0.00 N | 22.67 0.81 0.00 N | 21.04 0.78 0.00 N | 35.10 1.18 -8.55 N | 21.19 0.88 -1.38 N | 37.48 1.67 0.00 N | 39.83 1.78 0.00 N | 37.13 1.55 0.00 N | 41.67 1.74 -2.92 N | 36.07 1.36 0.00 N | 30.20 1.12 0.00 N | 24.15 1.01 0.00 N | 42.92 1.96 -0.71 N |
| BOWLINE___1 23526 | 36.44 2.36 -2.97 N | 4.60 0.33 0.00 N | 0.00 0.01 0.00 N | 52.29 3.14 -5.20 N | 49.83 -0.33 -54.56 N | 23.73 0.36 -18.52 N | 1.37 -0.05 -2.23 N | 18.11 1.39 0.00 N | 16.33 1.26 0.00 N | 27.55 2.11 -1.09 N | 34.51 1.07 -21.27 N | 36.47 2.91 0.00 N | 23.61 1.75 0.00 N | 21.92 1.66 0.00 N | 33.95 2.11 -6.47 N | 21.47 1.50 -1.05 N | 38.48 2.66 0.00 N | 40.92 2.87 0.00 N | 38.34 2.75 0.00 N | 42.03 2.76 -2.26 N | 37.37 2.66 0.00 N | 31.32 2.24 0.00 N | 24.82 1.68 0.00 N | 43.73 2.93 -0.55 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 |
|----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| BOWLINE___2 23595 | 36.44 2.36 -2.97 N | 4.60 0.33 0.00 N | 0.00 0.01 0.00 N | 52.29 3.14 -54.57 N | 49.83 -0.33 -18.53 N | 23.74 0.36 -2.23 N | 1.37 -0.05 1.39 N | 18.11 1.39 0.00 N | 16.33 1.27 0.00 N | 27.55 2.11 -1.09 N | 34.52 1.08 -21.27 N | 36.47 2.91 0.00 N | 23.61 1.75 0.00 N | 21.92 1.66 0.00 N | 33.95 2.11 -6.47 N | 21.47 1.50 -1.05 N | 38.48 2.66 0.00 N | 40.92 2.87 0.00 N | 38.34 2.76 0.00 N | 42.03 2.76 -2.26 N | 37.38 2.67 0.00 N | 31.32 2.24 0.00 N | 24.82 1.68 0.00 N | 43.73 2.93 -0.55 N |
| BROOKHAVEN___DRP 24191 | 36.90 2.75 -3.04 N | 4.66 0.39 0.00 N | -0.03 -0.02 0.00 N | 52.48 3.20 -5.33 N | 51.16 -0.35 -55.92 N | 24.19 0.35 -18.98 N | 1.44 -0.04 -2.28 N | 19.59 1.66 -1.22 N | 51.63 1.66 -34.91 N | 46.13 2.78 -18.99 N | 49.39 1.35 -35.87 N | 45.12 3.69 -7.87 N | 52.81 2.36 -28.59 N | 30.96 2.19 -8.52 N | 34.72 2.62 -6.73 N | 22.10 1.92 -1.26 N | 39.00 3.19 0.00 N | 41.37 3.32 0.00 N | 38.82 3.23 0.00 N | 42.72 3.39 -2.31 N | 38.16 3.45 0.00 N | 31.92 2.84 0.00 N | 25.21 2.07 0.00 N | 44.54 3.72 -0.56 N |
| BROOKLYN_NAVY_YARD 23515 | 36.74 2.59 -3.04 N | 4.62 0.35 0.00 N | 0.00 0.01 0.00 N | 52.56 3.28 -5.33 N | 51.16 -0.34 -55.91 N | 24.22 0.38 -18.98 N | 1.42 -0.05 -2.28 N | 18.26 1.55 0.00 N | 16.49 1.43 0.00 N | 27.84 2.37 -1.12 N | 35.23 1.20 -21.86 N | 36.81 3.26 0.00 N | 23.89 2.03 0.00 N | 22.15 1.89 0.00 N | 34.38 2.38 -6.63 N | 21.71 1.71 -1.07 N | 38.86 3.05 0.00 N | 41.29 3.24 0.00 N | 38.66 3.08 0.00 N | 42.41 3.08 -2.31 N | 37.66 2.95 0.00 N | 31.57 2.48 0.00 N | 25.01 1.87 0.00 N | 44.08 3.27 -0.56 N |
| BROOKLYN___ARMY_DRP 323595 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| BROOME___LFGE 323600 | 32.37 0.26 -1.00 N | 4.32 0.04 0.00 N | -0.02 0.00 0.00 N | 46.72 1.01 -1.75 N | 13.89 -0.06 -18.36 N | 11.15 0.07 -6.23 N | -0.06 -0.01 -0.75 N | 17.12 0.40 0.00 N | 15.38 0.32 0.00 N | 25.10 0.38 -0.37 N | 19.00 0.16 -6.66 N | 34.00 0.44 0.00 N | 22.12 0.25 0.00 N | 20.52 0.25 0.00 N | 27.82 0.23 -2.22 N | 19.54 0.25 -0.36 N | 36.27 0.46 0.00 N | 38.58 0.53 0.00 N | 36.07 0.49 0.00 N | 38.19 0.42 -0.76 N | 35.13 0.41 0.00 N | 29.41 0.33 0.00 N | 23.31 0.17 0.00 N | 41.10 0.67 -0.18 N |
| BURROWS___LYONSDAL 23803 | 30.66 -0.46 0.00 N | 4.16 -0.11 0.00 N | -0.02 -0.01 0.00 N | 42.62 -1.33 0.00 N | -4.28 0.13 0.00 N | 4.70 -0.15 0.00 N | -0.79 0.02 0.00 N | 16.22 -0.49 0.00 N | 14.70 -0.37 0.00 N | 23.83 -0.52 0.00 N | 11.95 -0.22 0.00 N | 33.00 -0.56 0.00 N | 21.58 -0.28 0.00 N | 19.91 -0.35 0.00 N | 24.93 -0.44 0.00 N | 18.62 -0.31 0.00 N | 35.28 -0.53 0.00 N | 37.39 -0.66 0.00 N | 34.82 -0.77 0.00 N | 36.20 -0.81 0.00 N | 34.01 -0.71 0.00 N | 28.39 -0.69 0.00 N | 22.58 -0.56 0.00 N | 38.69 -1.56 0.00 N |
| CAITHNESS_CC_1 323624 | 36.89 2.74 -3.04 N | 4.66 0.39 0.00 N | -0.03 -0.02 0.00 N | 52.43 3.15 -5.33 N | 51.17 -0.34 -55.92 N | 24.19 0.35 -18.98 N | 1.43 -0.04 -2.28 N | 19.61 1.67 -1.22 N | 51.63 1.66 -34.91 N | 46.13 2.79 -18.99 N | 49.39 1.35 -35.87 N | 45.13 3.71 -7.87 N | 52.81 2.36 -28.59 N | 30.97 2.19 -8.52 N | 34.72 2.62 -6.73 N | 22.11 1.92 -1.26 N | 39.01 3.19 0.00 N | 41.37 3.32 0.00 N | 38.81 3.23 0.00 N | 42.71 3.39 -2.31 N | 38.16 3.44 0.00 N | 31.91 2.83 0.00 N | 25.22 2.08 0.00 N | 44.50 3.69 -0.56 N |
| CALPINE_BETH_PAGE_GT4 24209 | 36.85 2.70 -3.04 N | 4.65 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.33 -18.98 N | 1.42 -0.06 -2.28 N | 19.67 1.74 -1.22 N | 51.65 1.68 -34.91 N | 46.09 2.75 -18.99 N | 49.36 1.32 -35.87 N | 45.03 3.61 -7.87 N | 52.71 2.26 -28.59 N | 30.88 2.10 -8.52 N | 34.67 2.56 -6.73 N | 22.06 1.87 -1.26 N | 38.80 2.98 0.00 N | 41.26 3.20 0.00 N | 38.75 3.17 0.00 N | 42.61 3.29 -2.31 N | 37.97 3.26 0.00 N | 31.84 2.76 0.00 N | 25.17 2.03 0.00 N | 44.42 3.61 -0.56 N |
| CALPINE_BETH_PAGE_GT_4 323586 | 36.85 2.70 -3.04 N | 4.65 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.33 -18.98 N | 1.42 -0.06 -2.28 N | 19.67 1.74 -1.22 N | 51.65 1.68 -34.91 N | 46.09 2.75 -18.99 N | 49.36 1.32 -35.87 N | 45.03 3.61 -7.87 N | 52.71 2.26 -28.59 N | 30.88 2.10 -8.52 N | 34.67 2.56 -6.73 N | 22.06 1.87 -1.26 N | 38.80 2.98 0.00 N | 41.26 3.20 0.00 N | 38.75 3.17 0.00 N | 42.61 3.29 -2.31 N | 37.97 3.26 0.00 N | 31.84 2.76 0.00 N | 25.17 2.03 0.00 N | 44.42 3.61 -0.56 N |
| CALPINE_BP_GT1 23823 | 36.85 2.70 -3.04 N | 4.65 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.33 -18.98 N | 1.42 -0.06 -2.28 N | 19.67 1.74 -1.22 N | 51.65 1.68 -34.91 N | 46.09 2.75 -18.99 N | 49.36 1.32 -35.87 N | 45.03 3.61 -7.87 N | 52.71 2.26 -28.59 N | 30.88 2.10 -8.52 N | 34.67 2.56 -6.73 N | 22.06 1.87 -1.26 N | 38.80 2.98 0.00 N | 41.26 3.20 0.00 N | 38.75 3.17 0.00 N | 42.61 3.29 -2.31 N | 37.97 3.26 0.00 N | 31.84 2.76 0.00 N | 25.17 2.03 0.00 N | 44.42 3.61 -0.56 N |
| CALSPAN___DRP 24200 | 29.03 -2.51 -0.42 N | 4.00 -0.27 0.00 N | -0.07 -0.06 0.00 N | 42.69 -2.01 -0.74 N | 3.58 0.19 -7.80 N | 7.23 -0.27 -2.65 N | -0.47 0.02 -0.32 N | 15.95 -0.77 0.00 N | 14.06 -1.00 0.00 N | 22.46 -2.05 -0.16 N | 13.81 -1.16 -2.80 N | 30.46 -3.10 0.00 N | 19.90 -1.96 0.00 N | 18.25 -2.01 0.00 N | 23.48 -2.83 -0.94 N | 17.20 -1.89 -0.15 N | 32.25 -3.57 0.00 N | 34.26 -3.79 0.00 N | 32.01 -3.57 0.00 N | 33.61 -3.72 -0.32 N | 31.16 -3.56 0.00 N | 26.30 -2.78 0.00 N | 21.38 -1.76 0.00 N | 38.34 -1.98 -0.08 N |
| CANDIGU_WT_PWR 323617 | 31.25 -0.46 -0.59 N | 4.24 -0.04 0.00 N | -0.07 -0.06 0.00 N | 45.63 0.64 -1.04 N | 6.49 0.00 -10.90 N | 8.53 -0.02 -3.70 N | -0.36 0.00 -0.45 N | 16.94 0.23 0.00 N | 15.09 0.02 0.00 N | 24.24 -0.34 -0.22 N | 15.83 -0.25 -3.91 N | 33.00 -0.56 0.00 N | 21.47 -0.40 0.00 N | 19.85 -0.41 0.00 N | 25.89 -0.80 -1.32 N | 18.75 -0.39 -0.21 N | 35.06 -0.76 0.00 N | 37.39 -0.66 0.00 N | 34.97 -0.62 0.00 N | 36.75 -0.72 -0.45 N | 34.06 -0.66 0.00 N | 28.55 -0.53 0.00 N | 22.74 -0.40 0.00 N | 40.64 0.29 -0.11 N |
| CARR STREET_E_SYR 24060 | 30.86 -0.50 -0.24 N | 4.21 -0.06 0.00 N | -0.02 -0.01 0.00 N | 43.88 -0.49 -0.42 N | 0.06 0.05 -4.42 N | 6.29 -0.06 -1.50 N | -0.61 0.01 -0.18 N | 16.56 -0.16 0.00 N | 14.92 -0.15 0.00 N | 24.16 -0.28 -0.09 N | 13.61 -0.15 -1.59 N | 33.14 -0.41 0.00 N | 21.65 -0.22 0.00 N | 20.04 -0.22 0.00 N | 25.58 -0.32 -0.53 N | 18.82 -0.20 -0.09 N | 35.43 -0.38 0.00 N | 37.67 -0.38 0.00 N | 35.24 -0.34 0.00 N | 36.82 -0.38 -0.18 N | 34.37 -0.35 0.00 N | 28.79 -0.29 0.00 N | 22.88 -0.26 0.00 N | 39.90 -0.39 -0.05 N |
| CARTHAGE___PAPER | 30.34 | 4.10 | -0.02 | 42.01 | -3.00 | 5.04 | -0.72 | 15.95 | 14.47 | 23.50 | 12.23 | 32.60 | 21.38 | 19.68 | 24.76 | 18.38 | 34.78 | 36.84 | 34.27 | 35.67 | 33.49 | 27.92 | 22.23 | 37.90 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| 23857 | -0.84 -0.07 N | -0.18 0.00 N | 0.00 0.00 N | -2.06 -0.11 N | 0.20 -1.21 N | -0.23 -0.41 N | 0.03 -0.05 N | -0.76 0.00 N | -0.59 0.00 N | -0.88 -0.02 N | -0.38 -0.43 N | -0.96 0.00 N | -0.48 0.00 N | -0.58 0.00 N | -0.75 -0.15 N | -0.57 -0.02 N | -1.03 0.00 N | -1.21 0.00 N | -1.31 0.00 N | -1.39 -0.05 N | -1.22 0.00 N | -1.16 0.00 N | -0.91 0.00 N | -2.36 -0.01 N |
| CE_DUNWOOD___DRP 24194 | 36.60 2.46 -3.03 N | 4.61 0.34 0.00 N | 0.00 0.01 0.00 N | 52.44 3.17 -5.32 N | 51.05 -0.33 -55.80 N | 24.16 0.36 -18.94 N | 1.42 -0.05 -2.28 N | 18.16 1.44 0.00 N | 16.40 1.33 0.00 N | 27.68 2.21 -1.11 N | 35.12 1.13 -21.82 N | 36.62 3.06 0.00 N | 23.73 1.87 0.00 N | 22.02 1.76 0.00 N | 34.22 2.23 -6.62 N | 21.60 1.60 -1.07 N | 38.66 2.84 0.00 N | 41.09 3.04 0.00 N | 38.47 2.89 0.00 N | 42.22 2.90 -2.31 N | 37.48 2.77 0.00 N | 31.41 2.33 0.00 N | 24.89 1.75 0.00 N | 43.83 3.03 -0.56 N |
| CE_MILLWOOD___DRP 24193 | 36.51 2.37 -3.03 N | 4.60 0.33 0.00 N | -0.01 0.01 0.00 N | 52.32 3.07 -5.30 N | 50.92 -0.32 -55.66 N | 24.10 0.36 -18.89 N | 1.42 -0.05 -2.27 N | 18.10 1.39 0.00 N | 16.34 1.27 0.00 N | 27.59 2.13 -1.11 N | 35.02 1.08 -21.76 N | 36.50 2.94 0.00 N | 23.64 1.78 0.00 N | 21.94 1.68 0.00 N | 34.11 2.13 -6.61 N | 21.52 1.52 -1.07 N | 38.52 2.70 0.00 N | 40.94 2.89 0.00 N | 38.33 2.75 0.00 N | 42.08 2.76 -2.30 N | 37.36 2.65 0.00 N | 31.31 2.22 0.00 N | 24.81 1.67 0.00 N | 43.70 2.89 -0.56 N |
| CE_NYC2_DRP 24202 | 36.92 2.77 -3.04 N | 4.65 0.37 0.00 N | -0.01 0.01 0.00 N | 52.81 3.53 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.62 0.00 N | 16.58 1.51 0.00 N | 28.00 2.53 -1.12 N | 35.36 1.28 -21.90 N | 37.05 3.49 0.00 N | 24.04 2.17 -0.01 N | 22.29 2.03 0.00 N | 34.54 2.53 -6.64 N | 21.84 1.83 -1.07 N | 39.08 3.27 0.00 N | 41.51 3.46 0.00 N | 38.87 3.29 0.00 N | 42.62 3.30 -2.31 N | 37.85 3.14 0.00 N | 31.71 2.63 0.00 N | 25.12 1.98 0.00 N | 44.26 3.45 -0.56 N |
| CE_NYC_DRP 24195 | 36.89 2.74 -3.04 N | 4.64 0.37 0.00 N | 0.00 0.01 0.00 N | 52.78 3.50 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.32 1.61 0.00 N | 16.56 1.50 0.00 N | 27.95 2.48 -1.12 N | 35.29 1.25 -21.86 N | 36.98 3.42 0.00 N | 23.98 2.12 0.00 N | 22.25 1.99 0.00 N | 34.51 2.50 -6.63 N | 21.81 1.80 -1.07 N | 39.04 3.22 0.00 N | 41.50 3.45 0.00 N | 38.86 3.28 0.00 N | 42.58 3.26 -2.31 N | 37.80 3.09 0.00 N | 31.68 2.60 0.00 N | 25.09 1.95 0.00 N | 44.21 3.40 -0.56 N |
| CHAFFEE___LFGE 323603 | 29.61 -1.93 -0.43 N | 4.07 -0.20 0.00 N | -0.07 -0.06 0.00 N | 43.37 -1.33 -0.75 N | 3.63 0.13 -7.91 N | 7.35 -0.18 -2.69 N | -0.47 0.01 -0.32 N | 16.26 -0.45 0.00 N | 14.37 -0.69 0.00 N | 23.01 -1.50 -0.16 N | 14.13 -0.88 -2.84 N | 31.23 -2.33 0.00 N | 20.42 -1.44 0.00 N | 18.74 -1.52 0.00 N | 24.12 -2.21 -0.96 N | 17.65 -1.43 -0.15 N | 33.03 -2.79 0.00 N | 35.14 -2.91 0.00 N | 32.93 -2.65 0.00 N | 34.56 -2.78 -0.33 N | 32.08 -2.64 0.00 N | 27.02 -2.06 0.00 N | 21.88 -1.26 0.00 N | 39.19 -1.13 -0.08 N |
| CHATEAUG_WT_PWR 323614 | 27.33 -3.63 0.16 N | 3.55 -0.72 0.00 N | -0.02 -0.01 0.00 N | 35.07 -8.61 0.28 N | -6.47 0.86 2.92 N | 2.88 -0.98 0.99 N | -0.79 0.13 0.12 N | 12.94 -3.77 0.00 N | 11.67 -3.40 0.00 N | 19.01 -5.29 0.06 N | 8.72 -2.41 1.05 N | 27.45 -6.11 0.00 N | 18.18 -3.68 0.00 N | 16.40 -3.86 0.00 N | 20.41 -4.61 0.35 N | 15.29 -3.58 0.06 N | 29.21 -6.60 0.00 N | 30.79 -7.25 0.00 N | 28.61 -6.97 0.00 N | 29.55 -7.34 0.12 N | 28.45 -6.26 0.00 N | 23.92 -5.16 0.00 N | 19.60 -3.55 0.00 N | 31.50 -8.72 0.03 N |
| CHAT_HIGH_FALL_HYD 323578 | 27.38 -3.58 0.15 N | 3.56 -0.71 0.00 N | -0.01 0.00 0.00 N | 35.17 -8.51 0.27 N | -6.38 0.86 2.83 N | 2.92 -0.97 0.96 N | -0.79 0.13 0.11 N | 12.96 -3.75 0.00 N | 11.70 -3.36 0.00 N | 19.09 -5.20 0.06 N | 8.80 -2.35 1.02 N | 27.60 -5.96 0.00 N | 18.27 -3.59 0.00 N | 16.50 -3.77 0.00 N | 20.51 -4.51 0.34 N | 15.37 -3.50 0.06 N | 29.36 -6.46 0.00 N | 30.90 -7.15 0.00 N | 28.70 -6.88 0.00 N | 29.70 -7.20 0.12 N | 28.60 -6.11 0.00 N | 24.05 -5.03 0.00 N | 19.69 -3.45 0.00 N | 31.59 -8.63 0.03 N |
| CH_MIDHUDSON___DRP 24192 | 36.54 2.21 -3.22 N | 4.58 0.31 0.00 N | 0.00 0.01 0.00 N | 52.49 2.91 -5.63 N | 54.38 -0.30 -59.09 N | 25.24 0.34 -20.06 N | 1.56 -0.05 -2.41 N | 18.02 1.30 0.00 N | 16.27 1.20 0.00 N | 27.54 2.01 -1.18 N | 35.73 1.02 -22.53 N | 36.34 2.78 0.00 N | 23.56 1.69 0.00 N | 21.87 1.61 0.00 N | 34.40 2.03 -6.99 N | 21.54 1.47 -1.13 N | 38.43 2.62 0.00 N | 40.83 2.78 0.00 N | 38.19 2.61 0.00 N | 42.07 2.62 -2.44 N | 37.19 2.48 0.00 N | 31.16 2.08 0.00 N | 24.73 1.59 0.00 N | 43.65 2.81 -0.59 N |
| CH_MISC_IPPS 23765 | 36.44 2.23 -3.10 N | 4.59 0.32 0.00 N | -0.01 0.01 0.00 N | 52.35 2.96 -5.43 N | 52.29 -0.30 -57.00 N | 24.54 0.34 -19.35 N | 1.48 -0.05 -2.32 N | 18.04 1.33 0.00 N | 16.28 1.21 0.00 N | 27.46 1.98 -1.13 N | 35.02 1.00 -21.85 N | 36.29 2.73 0.00 N | 23.54 1.67 0.00 N | 21.87 1.61 0.00 N | 34.10 2.00 -6.73 N | 21.48 1.46 -1.09 N | 38.37 2.56 0.00 N | 40.74 2.69 0.00 N | 38.12 2.54 0.00 N | 41.90 2.53 -2.36 N | 37.13 2.42 0.00 N | 31.11 2.03 0.00 N | 24.70 1.56 0.00 N | 43.72 2.89 -0.57 N |
| CH_RES_BVR_FALLS 23983 | 29.48 -1.42 0.21 N | 3.98 -0.29 0.00 N | -0.02 0.00 0.00 N | 39.99 -3.59 0.37 N | -7.92 0.38 3.90 N | 3.12 -0.41 1.33 N | -0.90 0.06 0.16 N | 15.00 -1.72 0.00 N | 13.55 -1.51 0.00 N | 21.90 -2.37 0.08 N | 9.67 -1.11 1.40 N | 30.72 -2.84 0.00 N | 20.20 -1.66 0.00 N | 18.69 -1.58 0.00 N | 23.02 -1.88 0.47 N | 17.24 -1.61 0.08 N | 33.22 -2.60 0.00 N | 35.10 -2.95 0.00 N | 32.78 -2.80 0.00 N | 33.81 -3.04 0.16 N | 32.10 -2.62 0.00 N | 26.87 -2.21 0.00 N | 21.61 -1.53 0.00 N | 36.27 -3.93 0.04 N |
| CH_RES_NIAGARA 23895 | 28.40 -3.11 -0.40 N | 3.93 -0.35 0.00 N | -0.07 -0.06 0.00 N | 41.80 -2.85 -0.69 N | 3.13 0.26 -7.28 N | 6.97 -0.35 -2.47 N | -0.48 0.03 -0.30 N | 15.64 -1.07 0.00 N | 13.75 -1.31 0.00 N | 21.92 -2.58 -0.15 N | 13.35 -1.44 -2.61 N | 29.71 -3.85 0.00 N | 19.43 -2.43 0.00 N | 17.78 -2.48 0.00 N | 22.83 -3.42 -0.88 N | 16.75 -2.32 -0.14 N | 31.48 -4.34 0.00 N | 33.39 -4.66 0.00 N | 31.16 -4.42 0.00 N | 32.71 -4.60 -0.30 N | 30.31 -4.40 0.00 N | 25.62 -3.47 0.00 N | 20.94 -2.20 0.00 N | 37.59 -2.73 -0.07 N |
| CH_RES_SYRACUSE 23985 | 31.03 -0.36 -0.28 N | 4.23 -0.04 0.00 N | -0.02 -0.01 0.00 N | 44.12 -0.32 -0.48 N | 0.70 0.03 -5.08 N | 6.54 -0.04 -1.72 N | -0.59 0.00 -0.21 N | 16.63 -0.09 0.00 N | 14.96 -0.11 0.00 N | 24.25 -0.21 -0.10 N | 13.88 -0.11 -1.82 N | 33.24 -0.32 0.00 N | 21.70 -0.16 0.00 N | 20.08 -0.18 0.00 N | 25.71 -0.28 -0.61 N | 18.86 -0.17 -0.10 N | 35.51 -0.30 0.00 N | 37.82 -0.23 0.00 N | 35.45 -0.13 0.00 N | 37.05 -0.17 -0.21 N | 34.56 -0.15 0.00 N | 28.94 -0.14 0.00 N | 22.99 -0.15 0.00 N | 40.07 -0.23 -0.05 N |
| CLINTON_WT_PWR 323605 | 27.33 -3.63 0.16 N | 3.55 -0.72 0.00 N | -0.02 -0.01 0.00 N | 35.07 -8.61 0.28 N | -6.47 0.86 2.92 N | 2.88 -0.98 0.99 N | -0.79 0.13 0.12 N | 12.94 -3.77 0.00 N | 11.67 -3.40 0.00 N | 19.01 -5.29 0.06 N | 8.72 -2.41 1.05 N | 27.45 -6.11 0.00 N | 18.18 -3.68 0.00 N | 16.40 -3.86 0.00 N | 20.41 -4.61 0.35 N | 15.29 -3.58 0.06 N | 29.21 -6.60 0.00 N | 30.79 -7.25 0.00 N | 28.61 -6.97 0.00 N | 29.55 -7.34 0.12 N | 28.45 -6.26 0.00 N | 23.92 -5.16 0.00 N | 19.60 -3.55 0.00 N | 31.50 -8.72 0.03 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| CLINTON___LFGE 323618 | 27.12 -3.84 0.16 N | 3.52 -0.75 0.00 N | -0.02 0.00 0.00 N | 34.74 -8.94 0.28 N | -6.41 0.90 2.90 N | 2.85 -1.02 0.98 N | -0.78 0.14 0.12 N | 12.82 -3.89 0.00 N | 11.58 -3.49 0.00 N | 18.90 -5.39 0.06 N | 8.68 -2.45 1.04 N | 27.28 -6.28 0.00 N | 18.04 -3.82 0.00 N | 16.32 -3.94 0.00 N | 20.33 -4.69 0.35 N | 15.23 -3.64 0.06 N | 29.09 -6.72 0.00 N | 30.64 -7.41 0.00 N | 28.45 -7.13 0.00 N | 29.45 -7.44 0.12 N | 28.34 -6.38 0.00 N | 23.83 -5.25 0.00 N | 19.50 -3.64 0.00 N | 31.24 -8.98 0.03 N |
| COLONIE_LFGE___ 323577 | 36.36 1.37 -3.87 N | 4.45 0.19 0.00 N | 0.01 0.02 0.00 N | 52.50 1.78 -6.76 N | 66.39 -0.19 -71.00 N | 29.17 0.22 -24.10 N | 2.06 -0.03 -2.90 N | 17.40 0.68 0.00 N | 15.71 0.65 0.00 N | 26.92 1.13 -1.45 N | 38.43 0.56 -25.69 N | 35.08 1.52 0.00 N | 22.72 0.86 0.00 N | 21.07 0.81 0.00 N | 35.13 1.15 -8.61 N | 21.18 0.86 -1.39 N | 37.41 1.59 0.00 N | 39.75 1.70 0.00 N | 37.09 1.50 0.00 N | 41.68 1.73 -2.94 N | 36.18 1.47 0.00 N | 30.31 1.23 0.00 N | 24.15 1.01 0.00 N | 42.84 1.88 -0.72 N |
| CORNELL____ 23752 | 32.94 1.30 -0.52 N | 4.45 0.17 0.00 N | -0.04 -0.03 0.00 N | 47.03 2.16 -0.92 N | 5.01 -0.19 -9.61 N | 8.33 0.21 -3.26 N | -0.45 -0.04 -0.39 N | 17.71 0.99 0.00 N | 15.97 0.90 0.00 N | 25.90 1.35 -0.19 N | 16.27 0.65 -3.45 N | 35.33 1.78 0.00 N | 23.05 1.19 0.00 N | 21.33 1.07 0.00 N | 27.73 1.20 -1.16 N | 20.15 1.03 -0.19 N | 37.84 2.03 0.00 N | 40.28 2.23 0.00 N | 37.67 2.09 0.00 N | 39.60 2.19 -0.40 N | 36.80 2.08 0.00 N | 30.76 1.68 0.00 N | 24.29 1.14 0.00 N | 42.39 2.05 -0.10 N |
| COXSACKIE___GT 23611 | 36.51 1.99 -3.40 N | 4.56 0.29 0.00 N | -0.01 0.01 0.00 N | 52.68 2.78 -5.95 N | 57.72 -0.28 -62.41 N | 26.37 0.33 -21.19 N | 1.70 -0.04 -2.55 N | 17.92 1.20 0.00 N | 16.24 1.18 0.00 N | 27.56 2.00 -1.21 N | 35.86 1.01 -22.67 N | 36.32 2.76 0.00 N | 23.56 1.70 0.00 N | 21.86 1.60 0.00 N | 34.58 2.03 -7.18 N | 21.59 1.50 -1.16 N | 38.54 2.72 0.00 N | 40.92 2.87 0.00 N | 38.22 2.63 0.00 N | 42.18 2.64 -2.53 N | 37.21 2.49 0.00 N | 31.14 2.06 0.00 N | 24.70 1.56 0.00 N | 43.61 2.75 -0.62 N |
| CRESCENT___HYD 24018 | 36.36 1.37 -3.87 N | 4.45 0.19 0.00 N | 0.01 0.02 0.00 N | 52.50 1.78 -6.76 N | 66.39 -0.19 -71.00 N | 29.17 0.22 -24.10 N | 2.06 -0.03 -2.90 N | 17.40 0.68 0.00 N | 15.71 0.65 0.00 N | 26.92 1.13 -1.45 N | 38.43 0.56 -25.69 N | 35.08 1.52 0.00 N | 22.72 0.86 0.00 N | 21.07 0.81 0.00 N | 35.13 1.15 -8.61 N | 21.18 0.86 -1.39 N | 37.41 1.59 0.00 N | 39.75 1.70 0.00 N | 37.09 1.50 0.00 N | 41.68 1.73 -2.94 N | 36.18 1.47 0.00 N | 30.31 1.23 0.00 N | 24.15 1.01 0.00 N | 42.84 1.88 -0.72 N |
| CRUCIBLE_METL_DRP 24180 | 31.03 -0.36 -0.28 N | 4.23 -0.04 0.00 N | -0.02 -0.01 0.00 N | 44.12 -0.32 -0.48 N | 0.70 0.03 -5.08 N | 6.54 -0.04 -1.72 N | -0.59 0.00 -0.21 N | 16.63 -0.09 0.00 N | 14.96 -0.11 0.00 N | 24.25 -0.21 -0.10 N | 13.88 -0.11 -1.82 N | 33.24 -0.32 0.00 N | 21.70 -0.16 0.00 N | 20.08 -0.18 0.00 N | 25.71 -0.28 -0.61 N | 18.86 -0.17 -0.10 N | 35.51 -0.30 0.00 N | 37.82 -0.23 0.00 N | 35.45 -0.13 0.00 N | 37.05 -0.17 -0.21 N | 34.56 -0.15 0.00 N | 28.94 -0.14 0.00 N | 22.99 -0.15 0.00 N | 40.07 -0.23 -0.05 N |
| DANC___LFGE 323619 | 30.50 -0.70 -0.08 N | 4.12 -0.15 0.00 N | -0.02 -0.01 0.00 N | 42.39 -1.71 -0.15 N | -2.71 0.16 -1.54 N | 5.19 -0.18 -0.52 N | -0.72 0.03 -0.06 N | 16.12 -0.59 0.00 N | 14.63 -0.43 0.00 N | 23.75 -0.64 -0.03 N | 12.46 -0.27 -0.55 N | 32.90 -0.66 0.00 N | 21.59 -0.27 0.00 N | 19.89 -0.37 0.00 N | 25.04 -0.52 -0.19 N | 18.56 -0.40 -0.03 N | 35.10 -0.71 0.00 N | 37.20 -0.85 0.00 N | 34.64 -0.94 0.00 N | 36.06 -1.01 -0.06 N | 33.82 -0.89 0.00 N | 28.19 -0.89 0.00 N | 22.42 -0.73 0.00 N | 38.31 -1.95 -0.02 N |
| DANSKAMMER___1 23586 | 36.44 2.23 -3.10 N | 4.59 0.32 0.00 N | -0.01 0.01 0.00 N | 52.35 2.96 -5.43 N | 52.29 -0.30 -57.00 N | 24.54 0.34 -19.35 N | 1.48 -0.05 -2.32 N | 18.04 1.33 0.00 N | 16.28 1.21 0.00 N | 27.46 1.98 -1.13 N | 35.02 1.00 -21.85 N | 36.29 2.73 0.00 N | 23.54 1.67 0.00 N | 21.87 1.61 0.00 N | 34.10 2.00 -6.73 N | 21.48 1.46 -1.09 N | 38.37 2.56 0.00 N | 40.74 2.69 0.00 N | 38.12 2.54 0.00 N | 41.90 2.53 -2.36 N | 37.13 2.42 0.00 N | 31.11 2.03 0.00 N | 24.70 1.56 0.00 N | 43.72 2.89 -0.57 N |
| DANSKAMMER___2 23589 | 36.44 2.23 -3.10 N | 4.59 0.32 0.00 N | -0.01 0.01 0.00 N | 52.35 2.96 -5.43 N | 52.29 -0.30 -57.00 N | 24.54 0.34 -19.35 N | 1.48 -0.05 -2.32 N | 18.04 1.33 0.00 N | 16.28 1.21 0.00 N | 27.46 1.98 -1.13 N | 35.02 1.00 -21.85 N | 36.29 2.73 0.00 N | 23.54 1.67 0.00 N | 21.87 1.61 0.00 N | 34.10 2.00 -6.73 N | 21.48 1.46 -1.09 N | 38.37 2.56 0.00 N | 40.74 2.69 0.00 N | 38.12 2.54 0.00 N | 41.90 2.53 -2.36 N | 37.13 2.42 0.00 N | 31.11 2.03 0.00 N | 24.70 1.56 0.00 N | 43.72 2.89 -0.57 N |
| DANSKAMMER___3 23590 | 36.44 2.23 -3.10 N | 4.59 0.32 0.00 N | -0.01 0.01 0.00 N | 52.35 2.96 -5.43 N | 52.29 -0.30 -57.00 N | 24.54 0.34 -19.35 N | 1.48 -0.05 -2.32 N | 18.04 1.33 0.00 N | 16.28 1.21 0.00 N | 27.46 1.98 -1.13 N | 35.02 1.00 -21.85 N | 36.29 2.73 0.00 N | 23.54 1.67 0.00 N | 21.87 1.61 0.00 N | 34.10 2.00 -6.73 N | 21.48 1.46 -1.09 N | 38.37 2.56 0.00 N | 40.74 2.69 0.00 N | 38.12 2.54 0.00 N | 41.90 2.53 -2.36 N | 37.13 2.42 0.00 N | 31.11 2.03 0.00 N | 24.70 1.56 0.00 N | 43.72 2.89 -0.57 N |
| DANSKAMMER___4 23591 | 36.44 2.23 -3.10 N | 4.59 0.32 0.00 N | -0.01 0.01 0.00 N | 52.35 2.96 -5.43 N | 52.29 -0.30 -57.00 N | 24.54 0.34 -19.35 N | 1.48 -0.05 -2.32 N | 18.04 1.33 0.00 N | 16.28 1.21 0.00 N | 27.46 1.98 -1.13 N | 35.02 1.00 -21.85 N | 36.29 2.73 0.00 N | 23.54 1.67 0.00 N | 21.87 1.61 0.00 N | 34.10 2.00 -6.73 N | 21.48 1.46 -1.09 N | 38.37 2.56 0.00 N | 40.74 2.69 0.00 N | 38.12 2.54 0.00 N | 41.90 2.53 -2.36 N | 37.13 2.42 0.00 N | 31.11 2.03 0.00 N | 24.70 1.56 0.00 N | 43.72 2.89 -0.57 N |
| DANSKAMMER___DIESEL 23592 | 36.44 2.23 -3.10 N | 4.59 0.32 0.00 N | -0.01 0.01 0.00 N | 52.35 2.96 -5.43 N | 52.29 -0.30 -57.00 N | 24.54 0.34 -19.35 N | 1.48 -0.05 -2.32 N | 18.04 1.33 0.00 N | 16.28 1.21 0.00 N | 27.46 1.98 -1.13 N | 35.02 1.00 -21.85 N | 36.29 2.73 0.00 N | 23.54 1.67 0.00 N | 21.87 1.61 0.00 N | 34.10 2.00 -6.73 N | 21.48 1.46 -1.09 N | 38.37 2.56 0.00 N | 40.74 2.69 0.00 N | 38.12 2.54 0.00 N | 41.90 2.53 -2.36 N | 37.13 2.42 0.00 N | 31.11 2.03 0.00 N | 24.70 1.56 0.00 N | 43.72 2.89 -0.57 N |
| DASHVILLE___HYD 23610 | 36.86 2.62 -3.13 N | 4.65 0.38 0.00 N | -0.01 0.01 0.00 N | 53.22 3.78 -5.48 N | 52.74 -0.38 -57.53 N | 24.82 0.43 -19.53 N | 1.49 -0.06 -2.35 N | 18.45 1.73 0.00 N | 16.58 1.51 0.00 N | 27.83 2.36 -1.12 N | 34.87 1.18 -21.52 N | 36.76 3.21 0.00 N | 23.83 1.97 0.00 N | 22.13 1.87 0.00 N | 34.39 2.36 -6.66 N | 21.72 1.72 -1.08 N | 38.86 3.05 0.00 N | 41.23 3.18 0.00 N | 38.64 3.05 0.00 N | 42.44 3.06 -2.37 N | 37.65 2.93 0.00 N | 31.56 2.48 0.00 N | 25.02 1.89 0.00 N | 44.24 3.42 -0.58 N |
| DELAWARE___LFGE 323621 | 33.35 0.94 -1.30 N | 4.40 0.13 0.00 N | -0.01 0.01 0.00 N | 47.64 1.41 -2.27 N | 19.29 -0.13 -23.83 N | 13.09 0.15 -8.09 N | 0.15 -0.02 -0.97 N | 17.32 0.60 0.00 N | 15.62 0.55 0.00 N | 25.74 0.90 -0.48 N | 21.27 0.44 -8.65 N | 34.75 1.19 0.00 N | 22.60 0.73 0.00 N | 20.95 0.69 0.00 N | 29.09 0.85 -2.88 N | 20.03 0.64 -0.47 N | 36.98 1.17 0.00 N | 39.32 1.27 0.00 N | 36.79 1.21 0.00 N | 39.24 1.24 -0.99 N | 35.90 1.19 0.00 N | 30.06 0.98 0.00 N | 23.83 0.69 0.00 N | 41.73 1.24 -0.24 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|---|
| DOGLEVILLE___HYD 23807 | 32.32 1.30 0.09 N | 4.45 0.18 0.00 N | -0.02 -0.01 0.00 N | 45.64 1.84 0.15 N | -6.20 -0.18 1.60 N | 4.49 0.19 0.54 N | -0.91 -0.04 0.07 N | 17.35 0.63 0.00 N | 15.72 0.65 0.00 N | 25.43 1.11 0.03 N | 12.15 0.55 0.58 N | 35.03 1.47 0.00 N | 22.72 0.86 0.00 N | 21.06 0.80 0.00 N | 26.24 1.07 0.19 N | 19.73 0.83 0.03 N | 37.41 1.59 0.00 N | 39.80 1.75 0.00 N | 37.20 1.62 0.00 N | 38.72 1.77 0.07 N | 36.27 1.56 0.00 N | 30.31 1.23 0.00 N | 24.10 0.96 0.00 N | 41.88 1.65 0.02 N | |
| DUNKIRK___1 23563 | 29.61 -1.98 -0.48 N | 4.07 -0.20 0.00 N | -0.05 -0.04 0.00 N | 44.23 -0.55 -0.83 N | 4.47 0.12 -8.76 N | 7.67 -0.15 -2.97 N | -0.42 0.02 -0.36 N | 16.49 -0.23 0.00 N | 14.60 -0.46 0.00 N | 23.26 -1.27 -0.18 N | 14.48 -0.83 -3.14 N | 31.19 -2.36 0.00 N | 20.35 -1.52 0.00 N | 18.82 -1.44 0.00 N | 24.30 -2.13 -1.06 N | 17.78 -1.32 -0.17 N | 33.23 -2.59 0.00 N | 35.22 -2.83 0.00 N | 32.93 -2.65 0.00 N | 34.38 -3.00 -0.36 N | 31.91 -2.80 0.00 N | 26.86 -2.22 0.00 N | 21.59 -1.55 0.00 N | 38.94 -1.39 -0.09 N | |
| DUNKIRK___2 23564 | 29.61 -1.98 -0.48 N | 4.07 -0.20 0.00 N | -0.05 -0.04 0.00 N | 44.23 -0.55 -0.83 N | 4.47 0.12 -8.76 N | 7.67 -0.15 -2.97 N | -0.42 0.02 -0.36 N | 16.49 -0.23 0.00 N | 14.60 -0.46 0.00 N | 23.26 -1.27 -0.18 N | 14.48 -0.83 -3.14 N | 31.19 -2.36 0.00 N | 20.35 -1.52 0.00 N | 18.82 -1.44 0.00 N | 24.30 -2.13 -1.06 N | 17.78 -1.32 -0.17 N | 33.23 -2.59 0.00 N | 35.22 -2.83 0.00 N | 32.93 -2.65 0.00 N | 34.38 -3.00 -0.36 N | 31.91 -2.80 0.00 N | 26.86 -2.22 0.00 N | 21.59 -1.55 0.00 N | 38.94 -1.39 -0.09 N | |
| DUNKIRK___3 23565 | 29.66 -1.95 -0.49 N | 4.07 -0.20 0.00 N | -0.06 -0.04 0.00 N | 44.06 -0.76 -0.86 N | 4.79 0.13 -9.07 N | 7.77 -0.16 -3.08 N | -0.41 0.02 -0.37 N | 16.41 -0.30 0.00 N | 14.53 -0.53 0.00 N | 23.18 -1.36 -0.18 N | 14.57 -0.86 -3.26 N | 31.19 -2.37 0.00 N | 20.34 -1.53 0.00 N | 18.78 -1.48 0.00 N | 24.30 -2.17 -1.10 N | 17.74 -1.36 -0.18 N | 33.18 -2.64 0.00 N | 35.21 -2.84 0.00 N | 32.91 -2.67 0.00 N | 34.42 -2.97 -0.38 N | 31.93 -2.78 0.00 N | 26.88 -2.21 0.00 N | 21.62 -1.52 0.00 N | 38.92 -1.42 -0.09 N | |
| DUNKIRK___4 23566 | 29.66 -1.95 -0.49 N | 4.07 -0.20 0.00 N | -0.06 -0.04 0.00 N | 44.06 -0.76 -0.86 N | 4.79 0.13 -9.07 N | 7.77 -0.16 -3.08 N | -0.41 0.02 -0.37 N | 16.41 -0.30 0.00 N | 14.53 -0.53 0.00 N | 23.18 -1.36 -0.18 N | 14.57 -0.86 -3.26 N | 31.19 -2.37 0.00 N | 20.34 -1.53 0.00 N | 18.78 -1.48 0.00 N | 24.30 -2.17 -1.10 N | 17.74 -1.36 -0.18 N | 33.18 -2.64 0.00 N | 35.21 -2.84 0.00 N | 32.91 -2.67 0.00 N | 34.42 -2.97 -0.38 N | 31.93 -2.78 0.00 N | 26.88 -2.21 0.00 N | 21.62 -1.52 0.00 N | 38.92 -1.42 -0.09 N | |
| EAST HAMPTON___GT 23717 | 38.21 4.06 -3.04 N | 4.84 0.57 0.00 N | -0.03 -0.02 0.00 N | 54.77 5.49 -5.33 N | 50.93 -0.58 -55.92 N | 24.44 0.60 -18.98 N | 1.40 -0.08 -2.28 N | 20.62 2.69 -1.22 N | 52.71 2.74 -34.91 N | 47.95 4.60 -18.99 N | 50.30 2.26 -35.87 N | 47.58 6.16 -7.87 N | 54.41 3.96 -28.59 N | 32.42 3.64 -8.52 N | 36.51 4.40 -6.73 N | 23.43 3.25 -1.26 N | 41.57 5.76 0.00 N | 44.14 6.09 0.00 N | 41.43 5.85 0.00 N | 45.56 6.23 -2.31 N | 40.99 6.28 0.00 N | 34.14 5.06 0.00 N | 26.83 3.69 0.00 N | 47.09 6.28 -0.56 N | |
| EAST RIVER___6 23660 | 36.89 2.74 -3.04 N | 4.65 0.37 0.00 N | 0.00 0.01 0.00 N | 52.79 3.51 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.62 0.00 N | 16.57 1.50 0.00 N | 27.94 2.47 -1.12 N | 35.28 1.24 -21.86 N | 37.00 3.44 0.00 N | 24.00 2.14 0.00 N | 22.25 1.99 0.00 N | 34.51 2.50 -6.63 N | 21.81 1.80 -1.07 N | 39.03 3.22 0.00 N | 41.49 3.44 0.00 N | 38.83 3.25 0.00 N | 42.57 3.25 -2.31 N | 37.83 3.12 0.00 N | 31.71 2.63 0.00 N | 25.11 1.97 0.00 N | 44.25 3.44 -0.56 N | |
| EAST RIVER___7 23524 | 36.89 2.74 -3.04 N | 4.65 0.37 0.00 N | 0.00 0.01 0.00 N | 52.79 3.51 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.62 0.00 N | 16.57 1.50 0.00 N | 27.94 2.47 -1.12 N | 35.28 1.24 -21.86 N | 37.00 3.44 0.00 N | 24.00 2.14 0.00 N | 22.25 1.99 0.00 N | 34.51 2.50 -6.63 N | 21.81 1.80 -1.07 N | 39.03 3.22 0.00 N | 41.49 3.44 0.00 N | 38.83 3.25 0.00 N | 42.57 3.25 -2.31 N | 37.83 3.12 0.00 N | 31.71 2.63 0.00 N | 25.11 1.97 0.00 N | 44.25 3.44 -0.56 N | |
| EAST_HAMPTON___DIESEL 23722 | 38.21 4.06 -3.04 N | 4.84 0.57 0.00 N | -0.03 -0.02 0.00 N | 54.77 5.49 -5.33 N | 50.93 -0.58 -55.92 N | 24.44 0.60 -18.98 N | 1.40 -0.08 -2.28 N | 20.62 2.69 -1.22 N | 52.71 2.74 -34.91 N | 47.95 4.60 -18.99 N | 50.30 2.26 -35.87 N | 47.58 6.16 -7.87 N | 54.41 3.96 -28.59 N | 32.42 3.64 -8.52 N | 36.51 4.40 -6.73 N | 23.43 3.25 -1.26 N | 41.57 5.76 0.00 N | 44.14 6.09 0.00 N | 41.43 5.85 0.00 N | 45.56 6.23 -2.31 N | 40.99 6.28 0.00 N | 34.14 5.06 0.00 N | 26.83 3.69 0.00 N | 47.09 6.28 -0.56 N | |
| EAST_RIVER___1 323558 | 36.89 2.74 -3.04 N | 4.64 0.37 0.00 N | 0.00 0.01 0.00 N | 52.78 3.50 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.32 1.61 0.00 N | 16.56 1.50 0.00 N | 27.95 2.48 -1.12 N | 35.29 1.25 -21.86 N | 36.98 3.42 0.00 N | 23.98 2.12 0.00 N | 22.25 1.99 0.00 N | 34.51 2.50 -6.63 N | 21.81 1.80 -1.07 N | 39.04 3.22 0.00 N | 41.50 3.45 0.00 N | 38.86 3.28 0.00 N | 42.58 3.26 -2.31 N | 37.80 3.09 0.00 N | 31.68 2.60 0.00 N | 25.09 1.95 0.00 N | 44.21 3.40 -0.56 N | |
| EAST_RIVER___2 323559 | 36.89 2.74 -3.04 N | 4.65 0.37 0.00 N | 0.00 0.01 0.00 N | 52.79 3.51 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.62 0.00 N | 16.57 1.50 0.00 N | 27.94 2.47 -1.12 N | 35.28 1.24 -21.86 N | 37.00 3.44 0.00 N | 24.00 2.14 0.00 N | 22.25 1.99 0.00 N | 34.51 2.50 -6.63 N | 21.81 1.80 -1.07 N | 39.03 3.22 0.00 N | 41.49 3.44 0.00 N | 38.83 3.25 0.00 N | 42.57 3.25 -2.31 N | 37.83 3.12 0.00 N | 31.71 2.63 0.00 N | 25.11 1.97 0.00 N | 44.25 3.44 -0.56 N | |
| EAST___DELAWARE_HYD 23607 | 35.21 1.47 -2.63 N | 4.48 0.21 0.00 N | -0.01 0.00 0.00 N | 50.49 1.92 -4.61 N | 43.82 -0.20 -48.42 N | 21.51 0.22 -16.44 N | 1.14 -0.03 -1.98 N | 17.60 0.88 0.00 N | 16.11 1.05 0.00 N | 27.08 1.77 -0.96 N | 31.41 0.90 -18.33 N | 35.99 2.44 0.00 N | 23.35 1.49 0.00 N | 21.66 1.40 0.00 N | 32.81 1.75 -5.69 N | 21.13 1.28 -0.92 N | 38.14 2.32 0.00 N | 40.53 2.48 0.00 N | 37.89 2.30 0.00 N | 41.24 2.23 -2.00 N | 36.88 2.17 0.00 N | 30.88 1.80 0.00 N | 24.48 1.33 0.00 N | 43.09 2.36 -0.49 N | |
| ELEC_TRO_TEK 24086 | 36.74 2.59 -3.04 N | 4.63 0.36 0.00 N | -0.03 -0.01 0.00 N | 52.33 3.05 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.33 -18.98 N | 1.43 -0.05 -2.28 N | 19.64 1.71 -1.22 N | 51.61 1.63 -34.91 N | 46.07 2.72 -18.99 N | 49.40 1.36 -35.87 N | 45.17 3.74 -7.87 N | 52.77 2.33 -28.59 N | 30.96 2.18 -8.52 N | 34.78 2.68 -6.73 N | 22.14 1.96 -1.26 N | 38.97 3.16 0.00 N | 41.26 3.20 0.00 N | 38.68 3.09 0.00 N | 42.51 3.18 -2.31 N | 37.83 3.12 0.00 N | 31.70 2.62 0.00 N | 25.08 1.94 0.00 N | 44.14 3.32 -0.56 N | |
| ELLENBURG_WT_PWR | 27.33 | 3.55 | -0.02 | 35.07 | -6.47 | 2.88 | -0.79 | 12.94 | 11.67 | 19.01 | 8.72 | 27.45 | 18.18 | 16.40 | 20.41 | 15.29 | 29.21 | 30.79 | 28.61 | 29.55 | 28.45 | 23.92 | 19.60 | 31.50 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| 323604 | -3.63 0.16 N | -0.72 0.00 N | -0.01 0.00 N | -8.61 0.28 N | 0.86 2.92 N | -0.98 0.99 N | 0.13 0.12 N | -3.77 0.00 N | -3.40 0.00 N | -5.29 0.06 N | -2.41 1.05 N | -6.11 0.00 N | -3.68 0.00 N | -3.86 0.00 N | -4.61 0.35 N | -3.58 0.06 N | -6.60 0.00 N | -7.25 0.00 N | -6.97 0.00 N | -7.34 0.12 N | -6.26 0.00 N | -5.16 0.00 N | -3.55 0.00 N | -8.72 0.03 N |
| E_CANADA_CAP_HY 24051 | 36.67 0.67 -4.89 N | 4.33 0.06 0.00 N | 0.00 0.02 0.00 N | 53.15 0.65 -8.55 N | 85.29 -0.06 -89.76 N | 35.42 0.09 -30.47 N | 2.85 0.00 -3.66 N | 17.15 0.44 0.00 N | 15.50 0.44 0.00 N | 26.93 0.75 -1.83 N | 44.93 0.37 -32.38 N | 34.61 1.06 0.00 N | 22.56 0.70 0.00 N | 20.89 0.63 0.00 N | 36.99 0.74 -10.88 N | 21.20 0.51 -1.76 N | 36.84 1.02 0.00 N | 39.14 1.09 0.00 N | 36.59 1.00 0.00 N | 41.76 1.03 -3.72 N | 35.77 1.06 0.00 N | 29.84 0.76 0.00 N | 23.59 0.45 0.00 N | 41.69 0.54 -0.91 N |
| E_CANADA_MHWK_HY 24050 | 32.32 1.30 0.09 N | 4.45 0.18 0.00 N | -0.02 -0.01 0.00 N | 45.64 1.84 0.15 N | -6.20 -0.18 1.60 N | 4.49 0.19 0.54 N | -0.91 -0.04 0.07 N | 17.35 0.63 0.00 N | 15.72 0.65 0.00 N | 25.43 1.11 0.03 N | 12.15 0.55 0.58 N | 35.03 1.47 0.00 N | 22.72 0.86 0.00 N | 21.06 0.80 0.00 N | 26.24 1.07 0.19 N | 19.73 0.83 0.03 N | 37.41 1.59 0.00 N | 39.80 1.75 0.00 N | 37.20 1.62 0.00 N | 38.72 1.77 0.07 N | 36.27 1.56 0.00 N | 30.31 1.23 0.00 N | 24.10 0.96 0.00 N | 41.88 1.65 0.02 N |
| E_FISHKILL___LBMP 23776 | 36.36 2.18 -3.07 N | 4.57 0.30 0.00 N | -0.01 0.01 0.00 N | 52.16 2.79 -5.41 N | 52.10 -0.29 -56.81 N | 24.46 0.32 -19.28 N | 1.47 -0.04 -2.32 N | 17.98 1.26 0.00 N | 16.23 1.17 0.00 N | 27.43 1.95 -1.13 N | 35.37 0.99 -22.20 N | 36.26 2.70 0.00 N | 23.50 1.64 0.00 N | 21.80 1.54 0.00 N | 34.07 1.97 -6.73 N | 21.44 1.42 -1.09 N | 38.33 2.52 0.00 N | 40.73 2.68 0.00 N | 38.11 2.53 0.00 N | 41.90 2.54 -2.35 N | 37.11 2.40 0.00 N | 31.09 2.01 0.00 N | 24.67 1.53 0.00 N | 43.51 2.69 -0.57 N |
| FAR ROCKAWAY___4 23548 | 37.13 2.98 -3.04 N | 4.67 0.40 0.00 N | -0.03 -0.01 0.00 N | 52.68 3.40 -5.33 N | 51.17 -0.35 -55.92 N | 24.18 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.70 1.77 -1.22 N | 51.68 1.71 -34.91 N | 46.23 2.88 -18.99 N | 49.48 1.44 -35.87 N | 45.35 3.92 -7.87 N | 52.89 2.44 -28.59 N | 31.08 2.30 -8.52 N | 34.91 2.81 -6.73 N | 22.24 2.06 -1.26 N | 39.22 3.41 0.00 N | 41.53 3.48 0.00 N | 38.98 3.39 0.00 N | 42.84 3.52 -2.31 N | 38.17 3.46 0.00 N | 31.98 2.89 0.00 N | 25.28 2.14 0.00 N | 44.59 3.78 -0.56 N |
| FARRAGUT___LBMP 323566 | 36.83 2.68 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.69 3.41 -5.33 N | 51.15 -0.35 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.06 -2.28 N | 18.29 1.57 0.00 N | 16.53 1.47 0.00 N | 27.90 2.43 -1.12 N | 35.27 1.23 -21.86 N | 36.91 3.35 0.00 N | 23.94 2.08 0.00 N | 22.21 1.95 0.00 N | 34.46 2.45 -6.63 N | 21.77 1.77 -1.07 N | 38.97 3.15 0.00 N | 41.42 3.37 0.00 N | 38.77 3.18 0.00 N | 42.52 3.19 -2.31 N | 37.76 3.05 0.00 N | 31.63 2.55 0.00 N | 25.06 1.92 0.00 N | 44.17 3.36 -0.56 N |
| FENNER___WINDPWR 24204 | 31.51 0.25 -0.14 N | 4.29 0.02 0.00 N | -0.04 -0.02 0.00 N | 44.39 0.19 -0.24 N | -1.88 -0.01 -2.54 N | 5.71 -0.01 -0.86 N | -0.71 -0.01 -0.10 N | 16.82 0.10 0.00 N | 15.21 0.14 0.00 N | 24.65 0.25 -0.05 N | 13.20 0.12 -0.91 N | 33.91 0.35 0.00 N | 22.14 0.28 0.00 N | 20.48 0.22 0.00 N | 25.94 0.26 -0.31 N | 19.29 0.32 -0.05 N | 36.35 0.54 0.00 N | 38.60 0.55 0.00 N | 36.15 0.56 0.00 N | 37.77 0.66 -0.10 N | 35.33 0.62 0.00 N | 29.56 0.48 0.00 N | 23.36 0.22 0.00 N | 40.40 0.13 -0.03 N |
| FIBERTEK___ENERGY 23856 | 31.03 -0.36 -0.28 N | 4.23 -0.04 0.00 N | -0.02 -0.01 0.00 N | 44.12 -0.32 -0.48 N | 0.70 0.03 -5.08 N | 6.54 -0.04 -1.72 N | -0.59 0.00 -0.21 N | 16.63 -0.09 0.00 N | 14.96 -0.11 0.00 N | 24.25 -0.21 -0.10 N | 13.88 -0.11 -1.82 N | 33.24 -0.32 0.00 N | 21.70 -0.16 0.00 N | 20.08 -0.18 0.00 N | 25.71 -0.28 -0.61 N | 18.86 -0.17 -0.10 N | 35.51 -0.30 0.00 N | 37.82 -0.23 0.00 N | 35.45 -0.13 0.00 N | 37.05 -0.17 -0.21 N | 34.56 -0.15 0.00 N | 28.94 -0.14 0.00 N | 22.99 -0.15 0.00 N | 40.07 -0.23 -0.05 N |
| FITZPATRICK___ 23598 | 30.24 -1.05 -0.18 N | 4.13 -0.14 0.00 N | -0.02 -0.01 0.00 N | 42.93 -1.33 -0.31 N | -1.04 0.13 -3.23 N | 5.80 -0.15 -1.10 N | -0.65 0.02 -0.13 N | 16.20 -0.51 0.00 N | 14.58 -0.48 0.00 N | 23.61 -0.81 -0.07 N | 12.92 -0.41 -1.16 N | 32.42 -1.14 0.00 N | 21.18 -0.68 0.00 N | 19.61 -0.66 0.00 N | 24.90 -0.86 -0.39 N | 18.38 -0.61 -0.06 N | 34.67 -1.15 0.00 N | 36.84 -1.21 0.00 N | 34.44 -1.14 0.00 N | 35.96 -1.19 -0.13 N | 33.60 -1.12 0.00 N | 28.15 -0.93 0.00 N | 22.42 -0.72 0.00 N | 39.08 -1.20 -0.03 N |
| FORT ORANGE___ 23900 | 35.85 0.94 -3.79 N | 4.41 0.14 0.00 N | 0.00 0.01 0.00 N | 51.96 1.38 -6.63 N | 65.01 -0.14 -69.56 N | 28.63 0.16 -23.61 N | 2.01 -0.02 -2.84 N | 17.27 0.56 0.00 N | 15.60 0.54 0.00 N | 26.72 0.95 -1.41 N | 37.90 0.48 -25.24 N | 34.86 1.30 0.00 N | 22.63 0.77 0.00 N | 20.98 0.72 0.00 N | 34.78 1.00 -8.42 N | 21.03 0.73 -1.36 N | 37.10 1.28 0.00 N | 39.39 1.34 0.00 N | 36.82 1.23 0.00 N | 41.28 1.38 -2.88 N | 35.93 1.22 0.00 N | 30.11 1.02 0.00 N | 23.96 0.82 0.00 N | 42.41 1.46 -0.70 N |
| FORT_DRUM_COGEN 23780 | 30.48 -0.72 -0.08 N | 4.12 -0.15 0.00 N | -0.02 -0.01 0.00 N | 42.34 -1.75 -0.14 N | -2.79 0.17 -1.45 N | 5.15 -0.19 -0.49 N | -0.72 0.02 -0.06 N | 16.10 -0.61 0.00 N | 14.61 -0.45 0.00 N | 23.72 -0.66 -0.03 N | 12.41 -0.28 -0.52 N | 32.86 -0.69 0.00 N | 21.56 -0.30 0.00 N | 19.86 -0.40 0.00 N | 25.00 -0.54 -0.18 N | 18.54 -0.42 -0.03 N | 35.06 -0.75 0.00 N | 37.16 -0.89 0.00 N | 34.60 -0.98 0.00 N | 36.02 -1.06 -0.06 N | 33.78 -0.93 0.00 N | 28.16 -0.93 0.00 N | 22.39 -0.75 0.00 N | 38.23 -2.03 -0.02 N |
| FPL_FAR_ROCK_GT1 24212 | 37.13 2.98 -3.04 N | 4.67 0.40 0.00 N | -0.03 -0.01 0.00 N | 52.68 3.40 -5.33 N | 51.17 -0.35 -55.92 N | 24.18 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.70 1.77 -1.22 N | 51.68 1.71 -34.91 N | 46.23 2.88 -18.99 N | 49.48 1.44 -35.87 N | 45.35 3.92 -7.87 N | 52.89 2.44 -28.59 N | 31.08 2.30 -8.52 N | 34.91 2.81 -6.73 N | 22.24 2.06 -1.26 N | 39.22 3.41 0.00 N | 41.53 3.48 0.00 N | 38.98 3.39 0.00 N | 42.84 3.52 -2.31 N | 38.17 3.46 0.00 N | 31.98 2.89 0.00 N | 25.28 2.14 0.00 N | 44.59 3.78 -0.56 N |
| FPL_FAR_ROCK_GT2 23815 | 37.13 2.98 -3.04 N | 4.67 0.40 0.00 N | -0.03 -0.01 0.00 N | 52.68 3.40 -5.33 N | 51.17 -0.35 -55.92 N | 24.18 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.70 1.77 -1.22 N | 51.68 1.71 -34.91 N | 46.23 2.88 -18.99 N | 49.48 1.44 -35.87 N | 45.35 3.92 -7.87 N | 52.89 2.44 -28.59 N | 31.08 2.30 -8.52 N | 34.91 2.81 -6.73 N | 22.24 2.06 -1.26 N | 39.22 3.41 0.00 N | 41.53 3.48 0.00 N | 38.98 3.39 0.00 N | 42.84 3.52 -2.31 N | 38.17 3.46 0.00 N | 31.98 2.89 0.00 N | 25.28 2.14 0.00 N | 44.59 3.78 -0.56 N |
| FRANKLIN_FALL_HYD 24054 | 27.53 -3.44 0.14 N | 3.58 -0.69 0.00 N | -0.01 0.00 0.00 N | 35.40 -8.30 0.25 N | -6.17 0.83 2.60 N | 3.04 -0.93 0.88 N | -0.78 0.12 0.11 N | 13.09 -3.62 0.00 N | 11.83 -3.24 0.00 N | 19.36 -4.95 0.05 N | 9.02 -2.23 0.93 N | 27.92 -5.64 0.00 N | 18.49 -3.37 0.00 N | 16.70 -3.56 0.00 N | 20.80 -4.26 0.31 N | 15.57 -3.31 0.05 N | 29.73 -6.09 0.00 N | 31.26 -6.79 0.00 N | 29.06 -6.52 0.00 N | 30.15 -6.75 0.11 N | 28.97 -5.74 0.00 N | 24.34 -4.74 0.00 N | 19.92 -3.22 0.00 N | 31.96 -8.26 0.03 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| FREEPORT_EQUS_GT1 23764 | 36.97 2.81 -3.04 N | 4.66 0.39 0.00 N | -0.02 -0.01 0.00 N | 52.52 3.24 -5.33 N | 51.18 -0.34 -55.92 N | 24.19 0.35 -18.98 N | 1.42 -0.05 -2.28 N | 19.74 1.80 -1.22 N | 51.71 1.74 -34.91 N | 46.15 2.80 -18.99 N | 49.39 1.35 -35.87 N | 45.14 3.71 -7.87 N | 52.83 2.38 -28.59 N | 30.95 2.17 -8.52 N | 34.74 2.64 -6.73 N | 22.11 1.92 -1.26 N | 38.93 3.12 0.00 N | 41.35 3.30 0.00 N | 38.80 3.22 0.00 N | 42.66 3.33 -2.31 N | 38.01 3.30 0.00 N | 31.96 2.88 0.00 N | 25.27 2.13 0.00 N | 44.47 3.65 -0.56 N |
| FULTON COGEN____ 23766 | 30.55 -0.78 -0.22 N | 4.17 -0.10 0.00 N | -0.02 -0.01 0.00 N | 43.37 -0.98 -0.39 N | -0.24 0.09 -4.07 N | 6.12 -0.11 -1.38 N | -0.62 0.02 -0.17 N | 16.37 -0.34 0.00 N | 14.74 -0.32 0.00 N | 23.89 -0.54 -0.08 N | 13.36 -0.28 -1.46 N | 32.79 -0.77 0.00 N | 21.42 -0.44 0.00 N | 19.84 -0.42 0.00 N | 25.29 -0.58 -0.49 N | 18.62 -0.39 -0.08 N | 35.07 -0.75 0.00 N | 37.29 -0.76 0.00 N | 34.86 -0.72 0.00 N | 36.40 -0.78 -0.17 N | 33.98 -0.73 0.00 N | 28.44 -0.64 0.00 N | 22.61 -0.53 0.00 N | 39.39 -0.90 -0.04 N |
| Freeport____CT2 23818 | 36.97 2.81 -3.04 N | 4.66 0.39 0.00 N | -0.02 -0.01 0.00 N | 52.52 3.24 -5.33 N | 51.18 -0.34 -55.92 N | 24.19 0.35 -18.98 N | 1.42 -0.05 -2.28 N | 19.74 1.80 -1.22 N | 51.71 1.74 -34.91 N | 46.15 2.80 -18.99 N | 49.39 1.35 -35.87 N | 45.14 3.71 -7.87 N | 52.83 2.38 -28.59 N | 30.95 2.17 -8.52 N | 34.74 2.64 -6.73 N | 22.11 1.92 -1.26 N | 38.93 3.12 0.00 N | 41.35 3.30 0.00 N | 38.80 3.22 0.00 N | 42.66 3.33 -2.31 N | 38.01 3.30 0.00 N | 31.96 2.88 0.00 N | 25.27 2.13 0.00 N | 44.47 3.65 -0.56 N |
| G.F.CEMENT____DRP 24184 | 37.01 1.95 -3.95 N | 4.52 0.24 0.00 N | 0.00 0.01 0.00 N | 53.04 2.18 -6.90 N | 67.74 -0.26 -72.41 N | 29.71 0.27 -24.58 N | 2.11 -0.04 -2.95 N | 17.45 0.73 0.00 N | 15.82 0.75 0.00 N | 27.13 1.30 -1.47 N | 39.01 0.57 -26.26 N | 35.10 1.54 0.00 N | 22.62 0.76 0.00 N | 20.97 0.71 0.00 N | 35.24 1.09 -8.77 N | 21.15 0.80 -1.42 N | 37.39 1.57 0.00 N | 39.74 1.69 0.00 N | 37.06 1.47 0.00 N | 41.79 1.78 -3.00 N | 36.16 1.45 0.00 N | 30.41 1.33 0.00 N | 24.26 1.12 0.00 N | 43.14 2.17 -0.73 N |
| GARDENVILLE____LBMP 24039 | 29.03 -2.51 -0.43 N | 3.99 -0.28 0.00 N | -0.07 -0.06 0.00 N | 42.70 -2.00 -0.75 N | 3.64 0.19 -7.85 N | 7.25 -0.27 -2.67 N | -0.46 0.02 -0.32 N | 15.96 -0.76 0.00 N | 14.08 -0.99 0.00 N | 22.48 -2.03 -0.16 N | 13.83 -1.16 -2.82 N | 30.46 -3.10 0.00 N | 19.90 -1.96 0.00 N | 18.26 -2.00 0.00 N | 23.50 -2.82 -0.95 N | 17.21 -1.87 -0.15 N | 32.28 -3.54 0.00 N | 34.27 -3.78 0.00 N | 32.02 -3.56 0.00 N | 33.61 -3.72 -0.33 N | 31.16 -3.56 0.00 N | 26.29 -2.78 0.00 N | 21.36 -1.78 0.00 N | 38.30 -2.02 -0.08 N |
| GENERAL____MILLS 23808 | 29.03 -2.51 -0.42 N | 4.00 -0.27 0.00 N | -0.07 -0.06 0.00 N | 42.69 -2.01 -0.74 N | 3.58 0.19 -7.80 N | 7.23 -0.27 -2.65 N | -0.47 0.02 -0.32 N | 15.95 -0.77 0.00 N | 14.06 -1.00 0.00 N | 22.46 -2.05 -0.16 N | 13.81 -1.16 -2.80 N | 30.46 -3.10 0.00 N | 19.90 -1.96 0.00 N | 18.25 -2.01 0.00 N | 23.48 -2.83 -0.94 N | 17.20 -1.89 -0.15 N | 32.25 -3.57 0.00 N | 34.26 -3.79 0.00 N | 32.01 -3.57 0.00 N | 33.61 -3.72 -0.32 N | 31.16 -3.56 0.00 N | 26.30 -2.78 0.00 N | 21.38 -1.76 0.00 N | 38.34 -1.98 -0.08 N |
| GE_PLASTICS____DRP 24183 | 35.30 0.37 -3.82 N | 4.34 0.07 0.00 N | 0.00 0.01 0.00 N | 51.46 0.84 -6.67 N | 65.48 -0.09 -69.98 N | 28.72 0.11 -23.76 N | 2.04 -0.01 -2.85 N | 16.96 0.24 0.00 N | 15.30 0.24 0.00 N | 26.22 0.44 -1.43 N | 37.68 0.22 -25.29 N | 34.15 0.59 0.00 N | 22.19 0.33 0.00 N | 20.58 0.31 0.00 N | 34.33 0.44 -8.51 N | 20.63 0.32 -1.38 N | 36.34 0.53 0.00 N | 38.61 0.56 0.00 N | 36.10 0.52 0.00 N | 40.55 0.63 -2.91 N | 35.27 0.55 0.00 N | 29.55 0.47 0.00 N | 23.50 0.36 0.00 N | 41.63 0.67 -0.71 N |
| GILBOA____1 23756 | 35.06 0.98 -2.97 N | 4.41 0.14 0.00 N | 0.00 0.02 0.00 N | 50.60 1.45 -5.19 N | 49.95 -0.14 -54.50 N | 23.51 0.16 -18.50 N | 1.40 -0.02 -2.22 N | 17.25 0.53 0.00 N | 15.56 0.49 0.00 N | 26.30 0.83 -1.12 N | 31.87 0.41 -19.28 N | 34.67 1.11 0.00 N | 22.52 0.66 0.00 N | 20.90 0.64 0.00 N | 32.82 0.81 -6.64 N | 20.61 0.60 -1.07 N | 36.90 1.08 0.00 N | 39.21 1.16 0.00 N | 36.68 1.10 0.00 N | 40.45 1.19 -2.26 N | 35.82 1.10 0.00 N | 30.01 0.93 0.00 N | 23.85 0.71 0.00 N | 42.11 1.31 -0.55 N |
| GILBOA____2 23757 | 35.06 0.98 -2.97 N | 4.41 0.14 0.00 N | 0.00 0.02 0.00 N | 50.60 1.45 -5.19 N | 49.95 -0.14 -54.50 N | 23.51 0.16 -18.50 N | 1.40 -0.02 -2.22 N | 17.25 0.53 0.00 N | 15.56 0.49 0.00 N | 26.30 0.83 -1.12 N | 31.87 0.41 -19.28 N | 34.67 1.11 0.00 N | 22.52 0.66 0.00 N | 20.90 0.64 0.00 N | 32.82 0.81 -6.64 N | 20.61 0.60 -1.07 N | 36.90 1.08 0.00 N | 39.21 1.16 0.00 N | 36.68 1.10 0.00 N | 40.45 1.19 -2.26 N | 35.82 1.10 0.00 N | 30.01 0.93 0.00 N | 23.85 0.71 0.00 N | 42.11 1.31 -0.55 N |
| GILBOA____3 23758 | 35.06 0.98 -2.97 N | 4.41 0.14 0.00 N | 0.00 0.02 0.00 N | 50.60 1.45 -5.19 N | 49.95 -0.14 -54.50 N | 23.51 0.16 -18.50 N | 1.40 -0.02 -2.22 N | 17.25 0.53 0.00 N | 15.56 0.49 0.00 N | 26.30 0.83 -1.12 N | 31.87 0.41 -19.28 N | 34.67 1.11 0.00 N | 22.52 0.66 0.00 N | 20.90 0.64 0.00 N | 32.82 0.81 -6.64 N | 20.61 0.60 -1.07 N | 36.90 1.08 0.00 N | 39.21 1.16 0.00 N | 36.68 1.10 0.00 N | 40.45 1.19 -2.26 N | 35.82 1.10 0.00 N | 30.01 0.93 0.00 N | 23.85 0.71 0.00 N | 42.11 1.31 -0.55 N |
| GILBOA____4 23759 | 35.06 0.98 -2.97 N | 4.41 0.14 0.00 N | 0.00 0.02 0.00 N | 50.60 1.45 -5.19 N | 49.95 -0.14 -54.50 N | 23.51 0.16 -18.50 N | 1.40 -0.02 -2.22 N | 17.25 0.53 0.00 N | 15.56 0.49 0.00 N | 26.30 0.83 -1.12 N | 31.87 0.41 -19.28 N | 34.67 1.11 0.00 N | 22.52 0.66 0.00 N | 20.90 0.64 0.00 N | 32.82 0.81 -6.64 N | 20.61 0.60 -1.07 N | 36.90 1.08 0.00 N | 39.21 1.16 0.00 N | 36.68 1.10 0.00 N | 40.45 1.19 -2.26 N | 35.82 1.10 0.00 N | 30.01 0.93 0.00 N | 23.85 0.71 0.00 N | 42.11 1.31 -0.55 N |
| GILBOA____ 23599 | 35.06 0.98 -2.97 N | 4.41 0.14 0.00 N | 0.00 0.02 0.00 N | 50.60 1.45 -5.19 N | 49.95 -0.14 -54.50 N | 23.51 0.16 -18.50 N | 1.40 -0.02 -2.22 N | 17.25 0.53 0.00 N | 15.56 0.49 0.00 N | 26.30 0.83 -1.12 N | 31.87 0.41 -19.28 N | 34.67 1.11 0.00 N | 22.52 0.66 0.00 N | 20.90 0.64 0.00 N | 32.82 0.81 -6.64 N | 20.61 0.60 -1.07 N | 36.90 1.08 0.00 N | 39.21 1.16 0.00 N | 36.68 1.10 0.00 N | 40.45 1.19 -2.26 N | 35.82 1.10 0.00 N | 30.01 0.93 0.00 N | 23.85 0.71 0.00 N | 42.11 1.31 -0.55 N |
| GINNA____ 23603 | 28.56 -2.87 -0.32 N | 3.91 -0.36 0.00 N | -0.04 -0.03 0.00 N | 41.10 -3.41 -0.56 N | 1.77 0.32 -5.87 N | 6.46 -0.38 -1.99 N | -0.52 0.05 -0.24 N | 15.57 -1.15 0.00 N | 13.95 -1.12 0.00 N | 22.53 -1.94 -0.12 N | 13.26 -1.02 -2.11 N | 30.79 -2.77 0.00 N | 20.15 -1.71 0.00 N | 18.57 -1.69 -0.29 N | 23.79 -2.29 -0.71 N | 17.45 -1.59 -0.11 N | 32.85 -2.96 0.00 N | 34.88 -3.17 0.00 N | 32.56 -3.02 0.00 N | 34.13 -3.12 -0.24 N | 31.79 -2.92 0.00 N | 26.66 -2.42 0.00 N | 21.34 -1.81 0.00 N | 37.42 -2.89 -0.06 N |
| GLEN PARK____ 23778 | 30.59 -0.62 -0.09 N | 4.14 -0.13 0.00 N | -0.02 -0.01 0.00 N | 42.53 -1.59 -0.17 N | -2.51 0.15 -1.75 N | 5.27 -0.17 -0.59 N | -0.71 0.02 -0.07 N | 16.19 -0.53 0.00 N | 14.69 -0.37 0.00 N | 23.87 -0.51 -0.04 N | 12.60 -0.20 -0.63 N | 33.07 -0.49 0.00 N | 21.73 -0.14 0.00 N | 20.01 -0.25 0.00 N | 25.20 -0.39 -0.21 N | 18.65 -0.31 -0.03 N | 35.25 -0.56 0.00 N | 37.39 -0.66 0.00 N | 34.85 -0.74 0.00 N | 36.27 -0.81 -0.07 N | 34.01 -0.70 0.00 N | 28.32 -0.76 0.00 N | 22.51 -0.63 0.00 N | 38.51 -1.75 -0.02 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 |
|--------------------------------|-----------------------------|---------------------------|-----------------------------|-----------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|---|
| GLENWOOD_IC_1_G5 23712 | 36.89 2.74 -3.04 N | 4.65 0.37 0.00 N | -0.02 0.00 0.00 N | 52.60 3.32 -5.33 N | 51.17 -0.35 -55.92 N | 24.21 0.37 -18.98 N | 1.43 -0.05 -2.28 N | 19.65 1.71 -1.22 N | 51.59 1.62 -34.91 N | 45.96 2.62 -18.99 N | 49.37 1.33 -35.87 N | 44.97 3.54 -7.87 N | 52.62 2.17 -28.59 N | 30.81 2.03 -8.52 N | 34.62 2.52 -6.73 N | 22.03 1.85 -1.26 N | 39.14 3.32 0.00 N | 41.53 3.47 0.00 N | 38.90 3.32 0.00 N | 42.71 3.38 -2.31 N | 37.99 3.28 0.00 N | 31.84 2.76 0.00 N | 25.17 2.03 0.00 N | 44.29 3.48 -0.56 N | |
| GLENWOOD_IC_2_G1 23688 | 36.78 2.63 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.00 0.00 N | 52.54 3.26 -5.33 N | 51.18 -0.34 -55.92 N | 24.20 0.37 -18.98 N | 1.43 -0.05 -2.28 N | 19.55 1.62 -1.22 N | 51.49 1.52 -34.91 N | 45.87 2.52 -18.99 N | 49.32 1.28 -35.87 N | 44.90 3.48 -7.87 N | 52.60 2.15 -28.59 N | 30.79 2.01 -8.52 N | 34.61 2.51 -6.73 N | 22.00 1.82 -1.26 N | 38.95 3.14 0.00 N | 41.34 3.29 0.00 N | 38.73 3.15 0.00 N | 42.52 3.19 -2.31 N | 37.80 3.09 0.00 N | 31.67 2.59 0.00 N | 25.06 1.92 0.00 N | 44.13 3.31 -0.56 N | |
| GLENWOOD_IC_3_G1 23689 | 36.78 2.63 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.00 0.00 N | 52.54 3.26 -5.33 N | 51.18 -0.34 -55.92 N | 24.20 0.37 -18.98 N | 1.43 -0.05 -2.28 N | 19.55 1.62 -1.22 N | 51.49 1.52 -34.91 N | 45.87 2.52 -18.99 N | 49.32 1.28 -35.87 N | 44.90 3.48 -7.87 N | 52.60 2.15 -28.59 N | 30.79 2.01 -8.52 N | 34.61 2.51 -6.73 N | 22.00 1.82 -1.26 N | 38.95 3.14 0.00 N | 41.34 3.29 0.00 N | 38.73 3.15 0.00 N | 42.52 3.19 -2.31 N | 37.80 3.09 0.00 N | 31.67 2.59 0.00 N | 25.06 1.92 0.00 N | 44.13 3.31 -0.56 N | |
| GLENWOOD___4 23550 | 36.89 2.74 -3.04 N | 4.65 0.37 0.00 N | -0.02 0.00 0.00 N | 52.60 3.32 -5.33 N | 51.17 -0.35 -55.92 N | 24.21 0.37 -18.98 N | 1.43 -0.05 -2.28 N | 19.65 1.71 -1.22 N | 51.59 1.62 -34.91 N | 45.98 2.64 -18.99 N | 49.38 1.34 -35.87 N | 45.04 3.61 -7.87 N | 52.67 2.23 -28.59 N | 30.86 2.08 -8.52 N | 34.68 2.58 -6.73 N | 22.07 1.88 -1.26 N | 39.14 3.32 0.00 N | 41.53 3.47 0.00 N | 38.90 3.32 0.00 N | 42.71 3.38 -2.31 N | 37.99 3.28 0.00 N | 31.84 2.76 0.00 N | 25.17 2.03 0.00 N | 44.29 3.48 -0.56 N | |
| GLENWOOD___5 23614 | 36.89 2.74 -3.04 N | 4.65 0.37 0.00 N | -0.02 0.00 0.00 N | 52.60 3.32 -5.33 N | 51.17 -0.35 -55.92 N | 24.21 0.37 -18.98 N | 1.43 -0.05 -2.28 N | 19.65 1.71 -1.22 N | 51.59 1.62 -34.91 N | 45.98 2.64 -18.99 N | 49.38 1.34 -35.87 N | 45.04 3.61 -7.87 N | 52.67 2.23 -28.59 N | 30.86 2.08 -8.52 N | 34.68 2.58 -6.73 N | 22.07 1.88 -1.26 N | 39.14 3.32 0.00 N | 41.53 3.47 0.00 N | 38.90 3.32 0.00 N | 42.71 3.38 -2.31 N | 37.99 3.28 0.00 N | 31.84 2.76 0.00 N | 25.17 2.03 0.00 N | 44.29 3.48 -0.56 N | |
| GLOBAL GREEN_PORT_GT1 23814 | 38.58 4.43 -3.04 N | 4.89 0.61 0.00 N | -0.03 -0.02 0.00 N | 54.96 5.68 -5.33 N | 50.91 -0.60 -55.92 N | 24.46 0.63 -18.98 N | 1.40 -0.08 -2.28 N | 20.72 2.79 -1.22 N | 52.80 2.83 -34.91 N | 48.08 4.74 -18.99 N | 50.36 2.32 -35.87 N | 47.75 6.32 -7.87 N | 54.51 4.07 -28.59 N | 32.52 3.75 -8.52 N | 36.63 4.53 -6.73 N | 23.52 3.34 -1.26 N | 41.74 5.93 0.00 N | 44.32 6.27 0.00 N | 41.61 6.02 0.00 N | 45.74 6.42 -2.31 N | 41.15 6.44 0.00 N | 34.27 5.19 0.00 N | 26.93 3.79 0.00 N | 47.26 6.44 -0.56 N | |
| GOETHSLN___LBMP 323567 | 36.76 2.61 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.60 3.31 -5.33 N | 51.16 -0.34 -55.91 N | 24.21 0.38 -18.98 N | 1.42 -0.05 -2.28 N | 18.24 1.53 0.00 N | 16.49 1.42 0.00 N | 27.82 2.35 -1.12 N | 35.25 1.19 -21.88 N | 36.80 3.25 0.00 N | 23.89 2.02 0.00 N | 22.16 1.90 0.00 N | 34.40 2.39 -6.63 N | 21.71 1.71 -1.07 N | 38.88 3.07 0.00 N | 41.33 3.28 0.00 N | 38.70 3.12 0.00 N | 42.43 3.10 -2.31 N | 37.65 2.94 0.00 N | 31.55 2.47 0.00 N | 25.40 1.85 -0.41 N | 44.01 3.20 -0.56 N | |
| GOUDEY___7 23579 | 32.42 0.32 -0.99 N | 4.32 0.05 0.00 N | -0.02 -0.01 0.00 N | 46.83 1.14 -1.74 N | 13.74 -0.06 -18.21 N | 11.11 0.08 -6.18 N | -0.07 -0.01 -0.74 N | 17.16 0.44 0.00 N | 15.42 0.36 0.00 N | 25.15 0.42 -0.37 N | 18.96 0.18 -6.60 N | 34.05 0.49 0.00 N | 22.15 0.29 0.00 N | 20.55 0.29 0.00 N | 27.83 0.26 -2.20 N | 19.57 0.29 -0.36 N | 36.34 0.52 0.00 N | 38.65 0.60 0.00 N | 36.12 0.54 0.00 N | 38.22 0.46 -0.75 N | 35.16 0.45 0.00 N | 29.44 0.36 0.00 N | 23.33 0.19 0.00 N | 41.18 0.74 -0.18 N | |
| GOUDEY___8 23580 | 32.40 0.29 -0.99 N | 4.32 0.05 0.00 N | -0.02 -0.01 0.00 N | 46.80 1.12 -1.74 N | 13.73 -0.06 -18.21 N | 11.11 0.07 -6.18 N | -0.06 -0.01 -0.74 N | 17.15 0.43 0.00 N | 15.41 0.34 0.00 N | 25.12 0.40 -0.37 N | 18.95 0.17 -6.60 N | 34.02 0.46 0.00 N | 22.13 0.27 0.00 N | 20.53 0.27 0.00 N | 27.80 0.23 -2.20 N | 19.55 0.27 -0.36 N | 36.30 0.48 0.00 N | 38.61 0.56 0.00 N | 36.09 0.50 0.00 N | 38.18 0.42 -0.75 N | 35.13 0.41 0.00 N | 29.41 0.33 0.00 N | 23.31 0.17 0.00 N | 41.14 0.70 -0.18 N | |
| GOWANUS_GT1_1 24077 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N | |
| GOWANUS_GT1_2 24078 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N | |
| GOWANUS_GT1_3 24079 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N | |
| GOWANUS_GT1_4 24080 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N | |
| GOWANUS_GT1_5 | 37.09 | 4.66 | 0.00 | 52.95 | 51.13 | 24.24 | 1.42 | 18.36 | 16.61 | 28.07 | 35.43 | 37.20 | 25.64 | 34.62 | 38.26 | 30.40 | 39.98 | 41.65 | 39.02 | 42.81 | 37.99 | 31.84 | 28.04 | 44.51 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|-----------------------------|---------------------------|---------------------------|-----------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 24084 | | 2.94 -3.04 N | 0.39 0.00 N | 0.02 0.00 N | 3.67 -5.33 N | -0.37 -55.91 N | 0.41 -18.98 N | -0.06 -2.28 N | 1.65 0.00 N | 1.55 0.00 N | 2.60 -1.12 N | 1.34 -21.92 N | 3.64 -0.01 N | 2.24 -1.53 N | 2.08 -12.27 N | 2.64 -10.25 N | 1.91 -9.57 N | 3.40 -0.76 N | 3.60 0.00 N | 3.44 0.00 N | 3.48 -2.32 N | 3.28 0.00 N | 2.76 -0.01 N | 2.10 -2.80 N | 3.69 -0.57 N |
| GOWANUS_GT1_6 24111 | | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT1_7 24112 | | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT1_8 24113 | | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT2_1 24114 | | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT2_2 24115 | | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT2_3 24116 | | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT2_4 24117 | | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT2_5 24118 | | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT2_6 24119 | | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT2_7 24120 | | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT2_8 24121 | | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT3_1 24122 | | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT3_2 24123 | | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-----------------------------|---------------------------|---------------------------|-----------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|
| GOWANUS_GT3_3 24124 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT3_4 24125 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT3_5 24126 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT3_6 24127 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT3_7 24128 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT3_8 24129 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT4_1 24130 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT4_2 24131 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT4_3 24132 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT4_4 24133 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT4_5 24134 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT4_6 24135 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT4_7 24136 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| GOWANUS_GT4_8 24137 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|---|
| GREENIDGE___3 23582 | 31.72 0.08 -0.53 N | 4.30 0.03 0.00 N | -0.05 -0.03 0.00 N | 45.85 0.97 -0.92 N | 5.22 -0.05 -9.68 N | 8.19 0.05 -3.29 N | -0.42 -0.01 -0.40 N | 17.19 0.48 0.00 N | 15.41 0.35 0.00 N | 24.87 0.32 -0.20 N | 15.74 0.10 -3.47 N | 33.87 0.31 0.00 N | 22.08 0.22 0.00 N | 20.42 0.16 0.00 N | 26.54 0.00 -1.17 N | 19.28 0.16 -0.19 N | 36.14 0.32 0.00 N | 38.49 0.44 0.00 N | 35.97 0.38 0.00 N | 37.71 0.30 -0.40 N | 35.02 0.31 0.00 N | 29.34 0.26 0.00 N | 23.29 0.15 0.00 N | 41.16 0.81 -0.10 N | |
| GREENIDGE___4 23583 | 31.72 0.08 -0.53 N | 4.30 0.03 0.00 N | -0.05 -0.03 0.00 N | 45.85 0.97 -0.92 N | 5.22 -0.05 -9.68 N | 8.19 0.05 -3.29 N | -0.42 -0.01 -0.40 N | 17.19 0.48 0.00 N | 15.41 0.35 0.00 N | 24.87 0.32 -0.20 N | 15.74 0.10 -3.47 N | 33.87 0.31 0.00 N | 22.08 0.22 0.00 N | 20.42 0.16 0.00 N | 26.54 0.00 -1.17 N | 19.28 0.16 -0.19 N | 36.14 0.32 0.00 N | 38.49 0.44 0.00 N | 35.97 0.38 0.00 N | 37.71 0.30 -0.40 N | 35.02 0.31 0.00 N | 29.34 0.26 0.00 N | 23.29 0.15 0.00 N | 41.16 0.81 -0.10 N | |
| GROVEVILLE___HYD 323602 | 36.59 2.37 -3.11 N | 4.61 0.33 0.00 N | -0.01 0.00 0.00 N | 52.52 3.12 -5.45 N | 52.43 -0.31 -57.15 N | 24.61 0.36 -19.40 N | 1.48 -0.05 -2.33 N | 18.11 1.40 0.00 N | 16.35 1.29 0.00 N | 27.60 2.11 -1.13 N | 35.19 1.07 -21.94 N | 36.47 2.91 0.00 N | 23.65 1.79 0.00 N | 21.97 1.71 0.00 N | 34.26 2.13 -6.75 N | 21.58 1.56 -1.09 N | 38.56 2.75 0.00 N | 40.94 2.90 0.00 N | 38.32 2.74 0.00 N | 42.11 2.74 -2.36 N | 37.33 2.61 0.00 N | 31.28 2.19 0.00 N | 24.82 1.68 0.00 N | 43.87 3.05 -0.57 N | |
| HAMPSHIRE___PAPER_HYD 323593 | 28.65 -2.46 0.00 N | 3.81 -0.46 0.00 N | -0.01 0.00 0.00 N | 38.54 -5.41 0.00 N | -3.88 0.53 0.00 N | 4.26 -0.60 0.00 N | -0.72 0.08 0.00 N | 14.43 -2.29 0.00 N | 13.06 -2.00 0.00 N | 21.29 -3.07 0.00 N | 10.78 -1.39 0.00 N | 29.99 -3.57 0.00 N | 19.74 -2.12 0.00 N | 18.01 -2.25 0.00 N | 22.65 -2.72 0.00 N | 16.87 -2.06 0.00 N | 32.00 -3.81 0.00 N | 33.74 -4.31 0.00 N | 31.31 -4.27 0.00 N | 32.66 -4.36 0.00 N | 30.91 -3.80 0.00 N | 25.82 -3.26 0.00 N | 20.85 -2.29 0.00 N | 34.78 -5.46 0.00 N | |
| HARZA MOOSE___RIVER 24016 | 30.66 -0.46 0.00 N | 4.16 -0.11 0.00 N | -0.02 -0.01 0.00 N | 42.62 -1.33 0.00 N | -4.28 0.13 0.00 N | 4.70 -0.15 0.00 N | -0.79 0.02 0.00 N | 16.22 -0.49 0.00 N | 14.70 -0.37 0.00 N | 23.83 -0.52 0.00 N | 11.95 -0.22 0.00 N | 33.00 -0.56 0.00 N | 21.58 -0.28 0.00 N | 19.91 -0.35 0.00 N | 24.93 -0.44 0.00 N | 18.62 -0.31 0.00 N | 35.28 -0.53 0.00 N | 37.39 -0.66 0.00 N | 34.82 -0.77 0.00 N | 36.20 -0.81 0.00 N | 34.01 -0.71 0.00 N | 28.39 -0.69 0.00 N | 22.58 -0.56 0.00 N | 38.69 -1.56 0.00 N | |
| HEMPSTEAD____ 23647 | 36.80 2.65 -3.04 N | 4.64 0.37 0.00 N | -0.03 -0.01 0.00 N | 52.37 3.08 -5.33 N | 51.19 -0.32 -55.92 N | 24.18 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.64 1.71 -1.22 N | 51.61 1.64 -34.91 N | 46.03 2.69 -18.99 N | 49.37 1.34 -35.87 N | 45.07 3.65 -7.87 N | 52.72 2.27 -28.59 N | 30.89 2.11 -8.52 N | 34.68 2.58 -6.73 N | 22.07 1.89 -1.26 N | 38.93 3.12 0.00 N | 41.30 3.25 0.00 N | 38.73 3.15 0.00 N | 42.56 3.23 -2.31 N | 37.90 3.19 0.00 N | 31.78 2.70 0.00 N | 25.12 1.99 0.00 N | 44.22 3.41 -0.56 N | |
| HICKLING___1 23621 | 33.28 1.47 -0.69 N | 4.49 0.22 0.00 N | -0.04 -0.03 0.00 N | 48.76 3.59 -1.21 N | 8.05 -0.25 -12.71 N | 9.46 0.29 -4.32 N | -0.32 -0.03 -0.52 N | 18.14 1.42 0.00 N | 16.22 1.16 0.00 N | 26.09 1.49 -0.26 N | 17.41 0.67 -4.56 N | 35.42 1.86 0.00 N | 23.02 1.16 0.00 N | 21.36 1.10 0.00 N | 28.02 1.12 -1.54 N | 20.25 1.07 -0.25 N | 37.83 2.02 0.00 N | 40.31 2.26 0.00 N | 37.61 2.02 0.00 N | 39.39 1.85 -0.53 N | 36.52 1.80 0.00 N | 30.56 1.48 0.00 N | 24.13 0.99 0.00 N | 43.10 2.73 -0.13 N | |
| HICKLING___2 23622 | 33.28 1.47 -0.69 N | 4.49 0.22 0.00 N | -0.04 -0.03 0.00 N | 48.76 3.59 -1.21 N | 8.05 -0.25 -12.71 N | 9.46 0.29 -4.32 N | -0.32 -0.03 -0.52 N | 18.14 1.42 0.00 N | 16.22 1.16 0.00 N | 26.09 1.49 -0.26 N | 17.41 0.67 -4.56 N | 35.42 1.86 0.00 N | 23.02 1.16 0.00 N | 21.36 1.10 0.00 N | 28.02 1.12 -1.54 N | 20.25 1.07 -0.25 N | 37.83 2.02 0.00 N | 40.31 2.26 0.00 N | 37.61 2.02 0.00 N | 39.39 1.85 -0.53 N | 36.52 1.80 0.00 N | 30.56 1.48 0.00 N | 24.13 0.99 0.00 N | 43.10 2.73 -0.13 N | |
| HIGH FALLS___HY 23754 | 37.27 3.09 -3.06 N | 4.71 0.43 0.00 N | 0.00 0.01 0.00 N | 53.38 4.07 -5.36 N | 51.43 -0.41 -56.25 N | 24.41 0.46 -19.09 N | 1.43 -0.06 -2.29 N | 18.61 1.89 0.00 N | 16.80 1.73 0.00 N | 28.19 2.75 -1.09 N | 34.55 1.37 -21.01 N | 37.28 3.72 0.00 N | 24.15 2.29 0.00 N | 22.41 2.15 0.00 N | 34.57 2.69 -6.51 N | 21.95 1.97 -1.05 N | 39.36 3.55 0.00 N | 41.78 3.73 0.00 N | 39.10 3.52 0.00 N | 42.86 3.53 -2.31 N | 38.12 3.40 0.00 N | 31.91 2.83 0.00 N | 25.28 2.14 0.00 N | 44.60 3.79 -0.56 N | |
| HILLBURN___GT 23639 | 36.51 2.49 -2.91 N | 4.62 0.34 0.00 N | 0.00 0.01 0.00 N | 52.34 3.28 -5.10 N | 48.80 -0.34 -53.55 N | 23.41 0.38 -18.18 N | 1.33 -0.05 -2.18 N | 18.17 1.45 0.00 N | 16.38 1.32 0.00 N | 27.60 2.18 -1.07 N | 34.09 1.12 -20.81 N | 36.58 3.02 0.00 N | 23.69 1.82 0.00 N | 21.99 1.74 0.00 N | 33.91 2.20 -6.34 N | 21.53 1.57 -1.03 N | 38.62 2.80 0.00 N | 41.09 3.03 0.00 N | 38.51 2.93 0.00 N | 42.15 2.92 -2.22 N | 37.54 2.83 0.00 N | 31.47 2.38 0.00 N | 24.93 1.79 0.00 N | 43.88 3.09 -0.54 N | |
| HISHELDN_WT_PWR 323625 | 29.45 -2.13 -0.47 N | 4.04 -0.23 0.00 N | -0.07 -0.06 0.00 N | 43.15 -1.62 -0.82 N | 4.33 0.17 -8.57 N | 7.54 -0.23 -2.91 N | -0.43 0.02 -0.35 N | 16.09 -0.63 0.00 N | 14.20 -0.87 0.00 N | 22.70 -1.82 -0.17 N | 14.23 -1.02 -3.07 N | 30.88 -2.68 0.00 N | 20.12 -1.74 0.00 N | 18.50 -1.76 0.00 N | 23.88 -2.52 -1.03 N | 17.43 -1.66 -0.17 N | 32.68 -3.14 0.00 N | 34.82 -3.23 0.00 N | 32.62 -2.97 0.00 N | 34.32 -3.05 -0.35 N | 31.73 -2.98 0.00 N | 26.74 -2.34 0.00 N | 21.65 -1.49 0.00 N | 38.74 -1.59 -0.09 N | |
| HOLTSVILLE_IC_1 23690 | 36.89 2.75 -3.04 N | 4.66 0.39 0.00 N | -0.04 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.18 -0.34 -55.92 N | 24.18 0.35 -18.98 N | 1.43 -0.04 -2.28 N | 19.65 1.72 -1.22 N | 51.65 1.68 -34.91 N | 46.16 2.82 -18.99 N | 49.41 1.37 -35.87 N | 45.16 3.74 -7.87 N | 52.81 2.36 -28.59 N | 30.98 2.21 -8.52 N | 34.75 2.65 -6.73 N | 22.13 1.95 -1.26 N | 39.01 3.20 0.00 N | 41.37 3.32 0.00 N | 38.81 3.23 0.00 N | 42.71 3.38 -2.31 N | 38.13 3.42 0.00 N | 31.91 2.83 0.00 N | 25.22 2.08 0.00 N | 44.42 3.61 -0.56 N | |
| HOLTSVILLE_IC_10 23699 | 37.27 3.12 -3.04 N | 4.71 0.43 0.00 N | -0.04 -0.02 0.00 N | 52.77 3.49 -5.33 N | 51.14 -0.37 -55.92 N | 24.22 0.39 -18.98 N | 1.43 -0.05 -2.28 N | 19.79 1.86 -1.22 N | 51.80 1.83 -34.91 N | 46.41 3.06 -18.99 N | 49.53 1.49 -35.87 N | 45.50 4.08 -7.87 N | 53.03 2.58 -28.59 N | 31.18 2.41 -8.52 N | 35.00 2.90 -6.73 N | 22.32 2.13 -1.26 N | 39.37 3.56 0.00 N | 41.77 3.72 0.00 N | 39.19 3.61 0.00 N | 43.12 3.79 -2.31 N | 38.54 3.82 0.00 N | 32.23 3.15 0.00 N | 25.46 2.32 0.00 N | 44.79 3.98 -0.56 N | |
| HOLTSVILLE_IC_2 | 36.89 | 4.66 | -0.04 | 52.39 | 51.18 | 24.18 | 1.43 | 19.65 | 51.65 | 46.16 | 49.41 | 45.16 | 52.81 | 30.98 | 34.75 | 22.13 | 39.01 | 41.37 | 38.81 | 42.71 | 38.13 | 31.91 | 25.22 | 44.42 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 23691 | 2.75 -3.04 N | 0.39 0.00 N | -0.02 0.00 N | 3.11 -5.33 N | -0.34 -55.92 N | 0.35 -18.98 N | -0.04 -2.28 N | 1.72 -1.22 N | 1.68 -34.91 N | 2.82 -18.99 N | 1.37 -35.87 N | 3.74 -7.87 N | 2.36 -28.59 N | 2.21 -8.52 N | 2.65 -6.73 N | 1.95 -1.26 N | 3.20 0.00 N | 3.32 0.00 N | 3.23 0.00 N | 3.38 -2.31 N | 3.42 0.00 N | 2.83 0.00 N | 2.08 0.00 N | 3.61 -0.56 N |
| HOLTSVILLE_IC_3 23692 | 36.89 2.75 -3.04 N | 4.66 0.39 0.00 N | -0.04 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.18 -0.34 -55.92 N | 24.18 0.35 -18.98 N | 1.43 -0.04 -2.28 N | 19.65 1.72 -1.22 N | 51.65 1.68 -34.91 N | 46.16 2.82 -18.99 N | 49.41 1.37 -35.87 N | 45.16 3.74 -7.87 N | 52.81 2.36 -28.59 N | 30.98 2.21 -8.52 N | 34.75 2.65 -6.73 N | 22.13 1.95 -1.26 N | 39.01 3.20 0.00 N | 41.37 3.32 0.00 N | 38.81 3.23 0.00 N | 42.71 3.38 -2.31 N | 38.13 3.42 0.00 N | 31.91 2.83 0.00 N | 25.22 2.08 0.00 N | 44.42 3.61 -0.56 N |
| HOLTSVILLE_IC_4 23693 | 36.89 2.75 -3.04 N | 4.66 0.39 0.00 N | -0.04 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.18 -0.34 -55.92 N | 24.18 0.35 -18.98 N | 1.43 -0.04 -2.28 N | 19.65 1.72 -1.22 N | 51.65 1.68 -34.91 N | 46.16 2.82 -18.99 N | 49.41 1.37 -35.87 N | 45.16 3.74 -7.87 N | 52.81 2.36 -28.59 N | 30.98 2.21 -8.52 N | 34.75 2.65 -6.73 N | 22.13 1.95 -1.26 N | 39.01 3.20 0.00 N | 41.37 3.32 0.00 N | 38.81 3.23 0.00 N | 42.71 3.38 -2.31 N | 38.13 3.42 0.00 N | 31.91 2.83 0.00 N | 25.22 2.08 0.00 N | 44.42 3.61 -0.56 N |
| HOLTSVILLE_IC_5 23694 | 36.89 2.75 -3.04 N | 4.66 0.39 0.00 N | -0.04 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.18 -0.34 -55.92 N | 24.18 0.35 -18.98 N | 1.43 -0.04 -2.28 N | 19.65 1.72 -1.22 N | 51.65 1.68 -34.91 N | 46.16 2.82 -18.99 N | 49.41 1.37 -35.87 N | 45.16 3.74 -7.87 N | 52.81 2.36 -28.59 N | 30.98 2.21 -8.52 N | 34.75 2.65 -6.73 N | 22.13 1.95 -1.26 N | 39.01 3.20 0.00 N | 41.37 3.32 0.00 N | 38.81 3.23 0.00 N | 42.71 3.38 -2.31 N | 38.13 3.42 0.00 N | 31.91 2.83 0.00 N | 25.22 2.08 0.00 N | 44.42 3.61 -0.56 N |
| HOLTSVILLE_IC_6 23695 | 37.27 3.12 -3.04 N | 4.71 0.43 0.00 N | -0.04 -0.02 0.00 N | 52.77 3.49 -5.33 N | 51.14 -0.37 -55.92 N | 24.22 0.39 -18.98 N | 1.43 -0.05 -2.28 N | 19.79 1.86 -1.22 N | 51.80 1.83 -34.91 N | 46.41 3.06 -18.99 N | 49.53 1.49 -35.87 N | 45.50 4.08 -7.87 N | 53.03 2.58 -28.59 N | 31.18 2.41 -8.52 N | 35.00 2.90 -6.73 N | 22.32 2.13 -1.26 N | 39.37 3.56 0.00 N | 41.77 3.72 0.00 N | 39.19 3.61 0.00 N | 43.12 3.79 -2.31 N | 38.54 3.82 0.00 N | 32.23 3.15 0.00 N | 25.46 2.32 0.00 N | 44.79 3.98 -0.56 N |
| HOLTSVILLE_IC_7 23696 | 37.27 3.12 -3.04 N | 4.71 0.43 0.00 N | -0.04 -0.02 0.00 N | 52.77 3.49 -5.33 N | 51.14 -0.37 -55.92 N | 24.22 0.39 -18.98 N | 1.43 -0.05 -2.28 N | 19.79 1.86 -1.22 N | 51.80 1.83 -34.91 N | 46.41 3.06 -18.99 N | 49.53 1.49 -35.87 N | 45.50 4.08 -7.87 N | 53.03 2.58 -28.59 N | 31.18 2.41 -8.52 N | 35.00 2.90 -6.73 N | 22.32 2.13 -1.26 N | 39.37 3.56 0.00 N | 41.77 3.72 0.00 N | 39.19 3.61 0.00 N | 43.12 3.79 -2.31 N | 38.54 3.82 0.00 N | 32.23 3.15 0.00 N | 25.46 2.32 0.00 N | 44.79 3.98 -0.56 N |
| HOLTSVILLE_IC_8 23697 | 37.27 3.12 -3.04 N | 4.71 0.43 0.00 N | -0.04 -0.02 0.00 N | 52.77 3.49 -5.33 N | 51.14 -0.37 -55.92 N | 24.22 0.39 -18.98 N | 1.43 -0.05 -2.28 N | 19.79 1.86 -1.22 N | 51.80 1.83 -34.91 N | 46.41 3.06 -18.99 N | 49.53 1.49 -35.87 N | 45.50 4.08 -7.87 N | 53.03 2.58 -28.59 N | 31.18 2.41 -8.52 N | 35.00 2.90 -6.73 N | 22.32 2.13 -1.26 N | 39.37 3.56 0.00 N | 41.77 3.72 0.00 N | 39.19 3.61 0.00 N | 43.12 3.79 -2.31 N | 38.54 3.82 0.00 N | 32.23 3.15 0.00 N | 25.46 2.32 0.00 N | 44.79 3.98 -0.56 N |
| HOLTSVILLE_IC_9 23698 | 37.27 3.12 -3.04 N | 4.71 0.43 0.00 N | -0.04 -0.02 0.00 N | 52.77 3.49 -5.33 N | 51.14 -0.37 -55.92 N | 24.22 0.39 -18.98 N | 1.43 -0.05 -2.28 N | 19.79 1.86 -1.22 N | 51.80 1.83 -34.91 N | 46.41 3.06 -18.99 N | 49.53 1.49 -35.87 N | 45.50 4.08 -7.87 N | 53.03 2.58 -28.59 N | 31.18 2.41 -8.52 N | 35.00 2.90 -6.73 N | 22.32 2.13 -1.26 N | 39.37 3.56 0.00 N | 41.77 3.72 0.00 N | 39.19 3.61 0.00 N | 43.12 3.79 -2.31 N | 38.54 3.82 0.00 N | 32.23 3.15 0.00 N | 25.46 2.32 0.00 N | 44.79 3.98 -0.56 N |
| HQ_GEN_CEDARS 23644 | 27.84 -3.13 0.14 N | 3.64 -0.64 0.00 N | -0.01 0.00 0.00 N | 36.05 -7.66 0.25 N | -6.26 0.76 2.61 N | 3.11 -0.85 0.89 N | -0.80 0.11 0.11 N | 13.18 -3.54 0.00 N | 11.92 -3.14 0.00 N | 19.49 -4.81 0.05 N | 9.07 -2.16 0.94 N | 28.16 -5.40 0.00 N | 18.66 -3.20 0.00 N | 16.82 -3.44 0.00 N | 21.00 -4.05 0.32 N | 15.76 -3.11 0.05 N | 30.05 -5.77 0.00 N | 31.50 -6.55 0.00 N | 29.18 -6.40 0.00 N | 30.55 -6.35 0.11 N | 29.23 -5.48 0.00 N | 24.47 -4.61 0.00 N | 20.22 -2.92 0.00 N | 32.63 -7.59 0.03 N |
| HQ_GEN_CEDARS_PROXY 323590 | 27.84 -3.13 0.14 N | 3.64 -0.64 0.00 N | -0.01 0.00 0.00 N | 36.05 -7.66 0.25 N | -6.26 0.76 2.61 N | 3.11 -0.85 0.89 N | -0.80 0.11 0.11 N | 13.18 -3.54 0.00 N | 11.92 -3.14 0.00 N | 19.49 -4.81 0.05 N | 9.07 -2.16 0.94 N | 28.16 -5.40 0.00 N | 18.66 -3.20 0.00 N | 16.82 -3.44 0.00 N | 21.00 -4.05 0.32 N | 23.50 -5.17 -0.36 N | 30.05 -5.77 0.00 N | 31.50 -6.55 0.00 N | 29.18 -6.40 0.00 N | 30.55 -6.35 0.11 N | 29.23 -5.48 0.00 N | 24.47 -4.61 0.00 N | 20.22 -2.92 0.00 N | 32.63 -7.59 0.03 N |
| HQ_GEN_IMPORT 323601 | 31.11 0.00 0.00 N | 4.27 0.00 0.00 N | -0.01 0.00 0.00 N | 43.95 0.00 0.00 N | -4.41 0.00 0.00 N | 4.85 0.00 0.00 N | -0.80 0.00 0.00 N | 16.72 0.00 0.00 N | 15.06 0.00 0.00 N | 24.35 0.00 0.00 N | 12.17 0.00 0.00 N | 33.56 0.00 0.00 N | 21.86 0.00 0.00 N | 20.26 0.00 0.00 N | 25.37 0.00 0.00 N | 28.96 0.00 -0.65 N | 35.82 0.00 0.00 N | 38.05 0.00 0.00 N | 35.58 0.00 0.00 N | 37.01 0.00 0.00 N | 34.71 0.00 0.00 N | 29.08 0.00 0.00 N | 23.14 0.00 0.00 N | 40.25 0.00 0.00 N |
| HQ_GEN_WHEEL 23651 | 31.11 0.00 0.00 N | 4.27 0.00 0.00 N | -0.01 0.00 0.00 N | 43.95 0.00 0.00 N | -4.41 0.00 0.00 N | 4.85 0.00 0.00 N | -0.80 0.00 0.00 N | 16.72 0.00 0.00 N | 15.06 0.00 0.00 N | 24.35 0.00 0.00 N | 12.17 0.00 0.00 N | 33.56 0.00 0.00 N | 21.86 0.00 0.00 N | 20.26 0.00 0.00 N | 25.37 0.00 0.00 N | 28.96 0.00 -0.65 N | 35.82 0.00 0.00 N | 38.05 0.00 0.00 N | 35.58 0.00 0.00 N | 37.01 0.00 0.00 N | 34.71 0.00 0.00 N | 29.08 0.00 0.00 N | 23.14 0.00 0.00 N | 40.25 0.00 0.00 N |
| HUDSON AVE_GT_3 23810 | 36.89 2.74 -3.04 N | 4.64 0.37 0.00 N | -0.01 0.01 0.00 N | 52.77 3.49 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.05 -2.28 N | 18.31 1.60 0.00 N | 16.55 1.49 0.00 N | 27.94 2.48 -1.12 N | 35.29 1.25 -21.86 N | 36.98 3.42 0.00 N | 23.99 2.12 0.00 N | 22.25 1.99 0.00 N | 34.51 2.50 -6.63 N | 21.81 1.80 -1.07 N | 39.04 3.22 0.00 N | 41.50 3.45 0.00 N | 38.85 3.26 0.00 N | 42.59 3.27 -2.31 N | 37.83 3.12 0.00 N | 31.69 2.61 0.00 N | 25.10 1.96 0.00 N | 44.22 3.40 -0.56 N |
| HUDSON AVE_GT_4 23540 | 36.89 2.74 -3.04 N | 4.64 0.37 0.00 N | -0.01 0.01 0.00 N | 52.77 3.49 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.05 -2.28 N | 18.31 1.60 0.00 N | 16.55 1.49 0.00 N | 27.94 2.48 -1.12 N | 35.29 1.25 -21.86 N | 36.98 3.42 0.00 N | 23.99 2.12 0.00 N | 22.25 1.99 0.00 N | 34.51 2.50 -6.63 N | 21.81 1.80 -1.07 N | 39.04 3.22 0.00 N | 41.50 3.45 0.00 N | 38.85 3.26 0.00 N | 42.59 3.27 -2.31 N | 37.83 3.12 0.00 N | 31.69 2.61 0.00 N | 25.10 1.96 0.00 N | 44.22 3.40 -0.56 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| HUDSON_AVE_GT_5 23657 | 36.89 2.74 -3.04 N | 4.64 0.37 0.00 N | -0.01 0.01 0.00 N | 52.77 3.49 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.05 -2.28 N | 18.31 1.60 0.00 N | 16.55 1.49 0.00 N | 27.94 2.48 -1.12 N | 35.29 1.25 -21.86 N | 36.98 3.42 0.00 N | 23.99 2.12 0.00 N | 22.25 1.99 0.00 N | 34.51 2.50 -6.63 N | 21.81 1.80 -1.07 N | 39.04 3.22 0.00 N | 41.50 3.45 0.00 N | 38.85 3.26 0.00 N | 42.59 3.27 -2.31 N | 37.83 3.12 0.00 N | 31.69 2.61 0.00 N | 25.10 1.96 0.00 N | 44.22 3.40 -0.56 N |
| HUDSON_AVE_10 24168 | 36.74 2.59 -3.04 N | 4.62 0.35 0.00 N | 0.00 0.01 0.00 N | 52.56 3.28 -5.33 N | 51.16 -0.34 -55.91 N | 24.22 0.38 -18.98 N | 1.42 -0.05 -2.28 N | 18.26 1.55 0.00 N | 16.49 1.43 0.00 N | 27.84 2.37 -1.12 N | 35.23 1.20 -21.86 N | 36.81 3.26 0.00 N | 23.89 2.03 0.00 N | 22.15 1.89 0.00 N | 34.38 2.38 -6.63 N | 21.71 1.71 -1.07 N | 38.86 3.05 0.00 N | 41.29 3.24 0.00 N | 38.66 3.08 0.00 N | 42.41 3.08 -2.31 N | 37.66 2.95 0.00 N | 31.57 2.48 0.00 N | 25.01 1.87 0.00 N | 44.08 3.27 -0.56 N |
| HUNTER MOUNT___DRP 323613 | 36.51 1.99 -3.40 N | 4.56 0.29 0.00 N | -0.01 0.01 0.00 N | 52.68 2.78 -5.95 N | 57.72 -0.28 -62.41 N | 26.37 0.33 -21.19 N | 1.70 -0.04 -2.55 N | 17.92 1.20 0.00 N | 16.24 1.18 0.00 N | 27.56 2.00 -1.21 N | 35.86 1.01 -22.67 N | 36.32 2.76 0.00 N | 23.56 1.70 0.00 N | 21.86 1.60 0.00 N | 34.58 2.03 -7.18 N | 21.59 1.50 -1.16 N | 38.54 2.72 0.00 N | 40.92 2.87 0.00 N | 38.22 2.63 0.00 N | 42.18 2.64 -2.53 N | 37.21 2.49 0.00 N | 31.14 2.06 0.00 N | 24.70 1.56 0.00 N | 43.61 2.75 -0.62 N |
| HUNTLEY___63 23557 | 29.17 -2.35 -0.40 N | 4.02 -0.25 0.00 N | -0.07 -0.06 0.00 N | 42.81 -1.85 -0.71 N | 3.16 0.16 -7.40 N | 7.12 -0.25 -2.51 N | -0.49 0.02 -0.30 N | 16.04 -0.68 0.00 N | 14.14 -0.92 0.00 N | 22.59 -1.91 -0.15 N | 13.74 -1.09 -2.66 N | 30.66 -2.90 0.00 N | 20.05 -1.81 0.00 N | 18.36 -1.90 0.00 N | 23.57 -2.70 -0.89 N | 17.29 -1.78 -0.14 N | 32.45 -3.36 0.00 N | 34.44 -3.61 0.00 N | 32.15 -3.44 0.00 N | 33.73 -3.59 -0.31 N | 31.28 -3.44 0.00 N | 26.41 -2.67 0.00 N | 21.50 -1.64 0.00 N | 38.52 -1.81 -0.07 N |
| HUNTLEY___64 23558 | 29.17 -2.35 -0.40 N | 4.02 -0.25 0.00 N | -0.07 -0.06 0.00 N | 42.81 -1.85 -0.71 N | 3.16 0.16 -7.40 N | 7.12 -0.25 -2.51 N | -0.49 0.02 -0.30 N | 16.04 -0.68 0.00 N | 14.14 -0.92 0.00 N | 22.59 -1.91 -0.15 N | 13.74 -1.09 -2.66 N | 30.66 -2.90 0.00 N | 20.05 -1.81 0.00 N | 18.36 -1.90 0.00 N | 23.57 -2.70 -0.89 N | 17.29 -1.78 -0.14 N | 32.45 -3.36 0.00 N | 34.44 -3.61 0.00 N | 32.15 -3.44 0.00 N | 33.73 -3.59 -0.31 N | 31.28 -3.44 0.00 N | 26.41 -2.67 0.00 N | 21.50 -1.64 0.00 N | 38.52 -1.81 -0.07 N |
| HUNTLEY___65 23559 | 29.17 -2.35 -0.40 N | 4.02 -0.25 0.00 N | -0.07 -0.06 0.00 N | 42.81 -1.85 -0.71 N | 3.16 0.16 -7.40 N | 7.12 -0.25 -2.51 N | -0.49 0.02 -0.30 N | 16.04 -0.68 0.00 N | 14.14 -0.92 0.00 N | 22.59 -1.91 -0.15 N | 13.74 -1.09 -2.66 N | 30.66 -2.90 0.00 N | 20.05 -1.81 0.00 N | 18.36 -1.90 0.00 N | 23.57 -2.70 -0.89 N | 17.29 -1.78 -0.14 N | 32.45 -3.36 0.00 N | 34.44 -3.61 0.00 N | 32.15 -3.44 0.00 N | 33.73 -3.59 -0.31 N | 31.28 -3.44 0.00 N | 26.41 -2.67 0.00 N | 21.50 -1.64 0.00 N | 38.52 -1.81 -0.07 N |
| HUNTLEY___66 23560 | 29.17 -2.35 -0.40 N | 4.02 -0.25 0.00 N | -0.07 -0.06 0.00 N | 42.81 -1.85 -0.71 N | 3.16 0.16 -7.40 N | 7.12 -0.25 -2.51 N | -0.49 0.02 -0.30 N | 16.04 -0.68 0.00 N | 14.14 -0.92 0.00 N | 22.59 -1.91 -0.15 N | 13.74 -1.09 -2.66 N | 30.66 -2.90 0.00 N | 20.05 -1.81 0.00 N | 18.36 -1.90 0.00 N | 23.57 -2.70 -0.89 N | 17.29 -1.78 -0.14 N | 32.45 -3.36 0.00 N | 34.44 -3.61 0.00 N | 32.15 -3.44 0.00 N | 33.73 -3.59 -0.31 N | 31.28 -3.44 0.00 N | 26.41 -2.67 0.00 N | 21.50 -1.64 0.00 N | 38.52 -1.81 -0.07 N |
| HUNTLEY___67 23561 | 28.69 -2.84 -0.42 N | 3.95 -0.32 0.00 N | -0.08 -0.06 0.00 N | 42.22 -2.47 -0.73 N | 3.50 0.23 -7.68 N | 7.14 -0.31 -2.61 N | -0.47 0.03 -0.31 N | 15.78 -0.94 0.00 N | 13.90 -1.16 0.00 N | 22.19 -2.32 -0.16 N | 13.63 -1.30 -2.76 N | 30.06 -3.50 0.00 N | 19.66 -2.21 0.00 N | 18.02 -2.24 0.00 N | 23.18 -3.12 -0.93 N | 16.98 -2.10 -0.15 N | 31.86 -3.96 0.00 N | 33.81 -4.24 0.00 N | 31.58 -4.00 0.00 N | 33.16 -4.17 -0.32 N | 30.73 -3.99 0.00 N | 25.95 -3.13 0.00 N | 21.14 -2.00 0.00 N | 37.91 -2.42 -0.08 N |
| HUNTLEY___68 23562 | 28.69 -2.84 -0.42 N | 3.95 -0.32 0.00 N | -0.08 -0.06 0.00 N | 42.22 -2.47 -0.73 N | 3.50 0.23 -7.68 N | 7.14 -0.31 -2.61 N | -0.47 0.03 -0.31 N | 15.78 -0.94 0.00 N | 13.90 -1.16 0.00 N | 22.19 -2.32 -0.16 N | 13.63 -1.30 -2.76 N | 30.06 -3.50 0.00 N | 19.66 -2.21 0.00 N | 18.02 -2.24 0.00 N | 23.18 -3.12 -0.93 N | 16.98 -2.10 -0.15 N | 31.86 -3.96 0.00 N | 33.81 -4.24 0.00 N | 31.58 -4.00 0.00 N | 33.16 -4.17 -0.32 N | 30.73 -3.99 0.00 N | 25.95 -3.13 0.00 N | 21.14 -2.00 0.00 N | 37.91 -2.42 -0.08 N |
| HYLAND___LFGE 323620 | 30.93 -0.65 -0.46 N | 4.21 -0.06 0.00 N | -0.06 -0.05 0.00 N | 44.82 0.06 -0.81 N | 4.11 0.01 -8.51 N | 7.70 -0.04 -2.89 N | -0.46 0.00 -0.35 N | 16.93 0.21 0.00 N | 15.12 0.06 0.00 N | 24.40 -0.13 -0.17 N | 15.10 -0.13 -3.05 N | 33.30 -0.26 0.00 N | 21.73 -0.13 0.00 N | 20.04 -0.22 0.00 N | 25.83 -0.57 -1.03 N | 18.85 -0.24 -0.17 N | 35.34 -0.47 0.00 N | 37.63 -0.42 0.00 N | 35.18 -0.40 0.00 N | 36.91 -0.45 -0.35 N | 34.29 -0.42 0.00 N | 28.77 -0.31 0.00 N | 22.99 -0.15 0.00 N | 40.66 0.33 -0.09 N |
| INDECK___CORINTH 23802 | 37.13 2.03 -3.99 N | 4.53 0.25 0.00 N | -0.01 0.00 0.00 N | 53.09 2.17 -6.97 N | 68.48 -0.25 -73.15 N | 29.96 0.27 -24.83 N | 2.14 -0.04 -2.98 N | 17.40 0.68 0.00 N | 15.77 0.71 0.00 N | 27.06 1.21 -1.49 N | 39.18 0.49 -26.52 N | 34.88 1.32 0.00 N | 22.49 0.63 0.00 N | 20.84 0.58 0.00 N | 35.15 0.92 -8.87 N | 21.03 0.67 -1.43 N | 37.14 1.32 0.00 N | 39.47 1.42 0.00 N | 36.81 1.23 0.00 N | 41.57 1.53 -3.03 N | 35.95 1.24 0.00 N | 30.31 1.23 0.00 N | 24.19 1.05 0.00 N | 43.10 2.12 -0.74 N |
| INDECK___ILION 23567 | 31.61 0.59 0.09 N | 4.35 0.08 0.00 N | -0.02 0.00 0.00 N | 44.53 0.72 0.15 N | -6.08 -0.07 1.60 N | 4.38 0.07 0.54 N | -0.88 -0.01 0.07 N | 16.95 0.23 0.00 N | 15.33 0.26 0.00 N | 24.77 0.44 0.03 N | 11.82 0.22 0.58 N | 34.16 0.61 0.00 N | 22.22 0.36 0.00 N | 20.60 0.34 0.00 N | 25.63 0.45 0.19 N | 19.24 0.34 0.03 N | 36.49 0.67 0.00 N | 38.77 0.72 0.00 N | 36.26 0.67 0.00 N | 37.67 0.73 0.07 N | 35.36 0.64 0.00 N | 29.58 0.51 0.00 N | 23.54 0.40 0.00 N | 40.87 0.64 0.02 N |
| INDECK___OLEAN 23982 | 30.57 -0.99 -0.45 N | 4.18 -0.09 0.00 N | -0.06 -0.05 0.00 N | 44.65 -0.09 -0.79 N | 3.87 0.02 -8.26 N | 7.63 -0.02 -2.80 N | -0.46 0.00 -0.34 N | 16.80 0.08 0.00 N | 14.89 -0.17 0.00 N | 24.01 -0.52 -0.17 N | 14.74 -0.40 -2.96 N | 32.57 -0.98 0.00 N | 21.30 -0.57 0.00 N | 19.60 -0.66 0.00 N | 25.26 -1.10 -1.00 N | 18.45 -0.64 -0.16 N | 34.33 -1.48 0.00 N | 36.67 -1.38 0.00 N | 34.63 -0.95 0.00 N | 36.29 -1.06 -0.34 N | 33.73 -0.99 0.00 N | 28.22 -0.86 0.00 N | 22.72 -0.43 0.00 N | 40.59 0.26 -0.08 N |
| INDECK___OSWEGO 23783 | 30.44 -0.89 -0.21 N | 4.16 -0.12 0.00 N | -0.02 -0.01 0.00 N | 43.21 -1.12 -0.37 N | -0.40 0.11 -3.90 N | 6.05 -0.13 -1.33 N | -0.63 0.02 -0.16 N | 16.30 -0.41 0.00 N | 14.68 -0.38 0.00 N | 23.79 -0.64 -0.08 N | 13.25 -0.33 -1.40 N | 32.66 -0.90 0.00 N | 21.34 -0.52 0.00 N | 19.76 -0.50 0.00 N | 25.16 -0.68 -0.47 N | 18.53 -0.48 -0.08 N | 34.92 -0.90 0.00 N | 37.11 -0.94 0.00 N | 34.71 -0.87 0.00 N | 36.25 -0.93 -0.16 N | 33.84 -0.88 0.00 N | 28.32 -0.76 0.00 N | 22.53 -0.61 0.00 N | 39.25 -1.04 -0.04 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 |
|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|---|
| INDECK__YERKES 23781 | 29.17 -2.35 -0.40 N | 4.02 -0.25 0.00 N | -0.07 -0.06 0.00 N | 42.81 -1.85 -0.71 N | 3.16 0.16 -7.40 N | 7.12 -0.25 -2.51 N | -0.49 0.02 -0.30 N | 16.04 -0.68 0.00 N | 14.14 -0.92 0.00 N | 22.59 -1.91 -0.15 N | 13.74 -1.09 -2.66 N | 30.66 -2.90 0.00 N | 20.05 -1.81 0.00 N | 18.36 -1.90 0.00 N | 23.57 -2.70 -0.89 N | 17.29 -1.78 -0.14 N | 32.45 -3.36 0.00 N | 34.44 -3.61 0.00 N | 32.15 -3.44 0.00 N | 33.73 -3.59 -0.31 N | 31.28 -3.44 0.00 N | 26.41 -2.67 0.00 N | 21.50 -1.64 0.00 N | 38.52 -1.81 -0.07 N | |
| INDIAN POINT_GT_1 24139 | 36.46 2.33 -3.02 N | 4.59 0.32 0.00 N | 0.00 0.01 0.00 N | 52.26 3.02 -5.28 N | 50.74 -0.31 -55.46 N | 24.02 0.34 -18.83 N | 1.41 -0.05 -2.26 N | 18.08 1.36 0.00 N | 16.32 1.26 0.00 N | 27.55 2.09 -1.11 N | 34.91 1.07 -21.68 N | 36.45 2.89 0.00 N | 23.61 1.75 0.00 N | 21.91 1.65 0.00 N | 34.04 2.09 -6.58 N | 21.49 1.50 -1.07 N | 38.47 2.66 0.00 N | 40.90 2.85 0.00 N | 38.30 2.72 0.00 N | 42.03 2.73 -2.30 N | 37.34 2.62 0.00 N | 31.28 2.20 0.00 N | 24.79 1.65 0.00 N | 43.66 2.85 -0.56 N | |
| INDIAN POINT_GT_2 23659 | 36.46 2.33 -3.02 N | 4.59 0.32 0.00 N | 0.00 0.01 0.00 N | 52.26 3.02 -5.28 N | 50.74 -0.31 -55.46 N | 24.02 0.34 -18.83 N | 1.41 -0.05 -2.26 N | 18.08 1.36 0.00 N | 16.32 1.26 0.00 N | 27.55 2.09 -1.11 N | 34.91 1.07 -21.68 N | 36.45 2.89 0.00 N | 23.61 1.75 0.00 N | 21.91 1.65 0.00 N | 34.04 2.09 -6.58 N | 21.49 1.50 -1.07 N | 38.47 2.66 0.00 N | 40.90 2.85 0.00 N | 38.30 2.72 0.00 N | 42.03 2.73 -2.30 N | 37.34 2.62 0.00 N | 31.28 2.20 0.00 N | 24.79 1.65 0.00 N | 43.66 2.85 -0.56 N | |
| INDIAN POINT_GT_3 24019 | 36.46 2.33 -3.02 N | 4.59 0.32 0.00 N | 0.00 0.01 0.00 N | 52.26 3.02 -5.28 N | 50.74 -0.31 -55.46 N | 24.02 0.34 -18.83 N | 1.41 -0.05 -2.26 N | 18.08 1.36 0.00 N | 16.32 1.26 0.00 N | 27.55 2.09 -1.11 N | 34.91 1.07 -21.68 N | 36.45 2.89 0.00 N | 23.61 1.75 0.00 N | 21.91 1.65 0.00 N | 34.04 2.09 -6.58 N | 21.49 1.50 -1.07 N | 38.47 2.66 0.00 N | 40.90 2.85 0.00 N | 38.30 2.72 0.00 N | 42.03 2.73 -2.30 N | 37.34 2.62 0.00 N | 31.28 2.20 0.00 N | 24.79 1.65 0.00 N | 43.66 2.85 -0.56 N | |
| INDIAN POINT__2 23530 | 36.38 2.28 -2.98 N | 4.59 0.31 0.00 N | 0.00 0.01 0.00 N | 52.15 2.97 -5.23 N | 50.14 -0.31 -54.86 N | 23.82 0.34 -18.62 N | 1.39 -0.05 -2.24 N | 18.06 1.34 0.00 N | 16.30 1.23 0.00 N | 27.50 2.06 -1.09 N | 34.61 1.04 -21.40 N | 36.40 2.84 0.00 N | 23.58 1.72 0.00 N | 21.88 1.63 0.00 N | 33.94 2.06 -6.50 N | 21.45 1.47 -1.05 N | 38.42 2.61 0.00 N | 40.86 2.81 0.00 N | 38.27 2.69 0.00 N | 41.97 2.69 -2.27 N | 37.30 2.59 0.00 N | 31.25 2.17 0.00 N | 24.77 1.63 0.00 N | 43.62 2.82 -0.55 N | |
| INDIAN POINT__3 23531 | 36.49 2.35 -3.02 N | 4.60 0.33 0.00 N | 0.00 0.01 0.00 N | 52.34 3.10 -5.29 N | 50.75 -0.32 -55.48 N | 24.04 0.36 -18.83 N | 1.41 -0.05 -2.26 N | 18.09 1.37 0.00 N | 16.32 1.26 0.00 N | 27.55 2.09 -1.11 N | 34.93 1.07 -21.69 N | 36.44 2.88 0.00 N | 23.59 1.72 0.00 N | 21.87 1.61 0.00 N | 33.99 2.04 -6.59 N | 21.43 1.44 -1.07 N | 38.35 2.54 0.00 N | 40.77 2.72 0.00 N | 38.19 2.60 0.00 N | 41.91 2.60 -2.30 N | 37.20 2.49 0.00 N | 31.18 2.10 0.00 N | 24.71 1.57 0.00 N | 43.54 2.73 -0.56 N | |
| IP CORINTH__1 23988 | 37.07 1.97 -3.99 N | 4.52 0.24 0.00 N | -0.01 0.00 0.00 N | 52.95 2.03 -6.97 N | 68.49 -0.24 -73.15 N | 29.94 0.26 -24.83 N | 2.14 -0.04 -2.98 N | 17.33 0.62 0.00 N | 15.63 0.57 0.00 N | 26.80 0.95 -1.49 N | 39.04 0.35 -26.52 N | 34.50 0.95 0.00 N | 22.25 0.39 0.00 N | 20.62 0.36 0.00 N | 34.87 0.63 -8.87 N | 20.81 0.45 -1.43 N | 36.72 0.90 0.00 N | 39.01 0.96 0.00 N | 36.41 0.82 0.00 N | 41.15 1.11 -3.03 N | 35.60 0.88 0.00 N | 30.04 0.96 0.00 N | 24.05 0.91 0.00 N | 42.90 1.91 -0.74 N | |
| IP__TICONDEROGA 23804 | 38.04 3.08 -3.86 N | 4.66 0.38 0.00 N | 0.02 0.03 0.00 N | 54.29 3.61 -6.73 N | 65.81 -0.42 -70.64 N | 29.28 0.45 -23.98 N | 2.02 -0.06 -2.88 N | 18.04 1.33 0.00 N | 16.25 1.18 0.00 N | 27.82 2.03 -1.44 N | 38.94 1.01 -25.76 N | 36.22 2.66 0.00 N | 23.24 1.38 0.00 N | 21.56 1.30 0.00 N | 35.88 1.95 -8.55 N | 21.78 1.46 -1.38 N | 38.74 2.93 0.00 N | 41.19 3.14 0.00 N | 38.39 2.81 0.00 N | 43.14 3.20 -2.93 N | 37.26 2.55 0.00 N | 31.14 2.06 0.00 N | 24.99 1.85 0.00 N | 44.54 3.58 -0.71 N | |
| JARVIS____ 23743 | 31.04 0.02 0.09 N | 4.27 0.00 0.00 N | -0.01 0.00 0.00 N | 43.71 -0.08 0.15 N | -6.00 0.01 1.60 N | 4.30 -0.01 0.54 N | -0.86 0.00 0.07 N | 16.67 -0.05 0.00 N | 15.03 -0.03 0.00 N | 24.26 -0.06 0.03 N | 11.57 -0.02 0.58 N | 33.49 -0.07 0.00 N | 21.82 -0.05 0.00 N | 20.23 -0.04 0.00 N | 25.15 -0.03 0.19 N | 18.86 -0.04 0.03 N | 35.78 -0.04 0.00 N | 37.99 -0.06 0.00 N | 35.52 -0.06 0.00 N | 36.88 -0.07 0.07 N | 34.67 -0.05 0.00 N | 29.03 -0.05 0.00 N | 23.11 -0.03 0.00 N | 40.11 -0.12 0.02 N | |
| JENNISON__1 23625 | 33.46 1.32 -1.03 N | 4.45 0.18 0.00 N | -0.04 -0.03 0.00 N | 47.86 2.11 -1.80 N | 14.33 -0.18 -18.92 N | 11.47 0.20 -6.42 N | -0.06 -0.03 -0.77 N | 17.61 0.90 0.00 N | 15.87 0.80 0.00 N | 25.97 1.23 -0.38 N | 19.64 0.60 -6.87 N | 35.19 1.63 0.00 N | 22.89 1.02 0.00 N | 21.18 0.93 0.00 N | 28.72 1.07 -2.28 N | 20.21 0.91 -0.37 N | 37.62 1.80 0.00 N | 40.05 2.00 0.00 N | 37.48 1.90 0.00 N | 39.90 2.10 -0.78 N | 36.69 1.98 0.00 N | 30.64 1.56 0.00 N | 24.17 1.03 0.00 N | 42.23 1.79 -0.19 N | |
| JENNISON__2 23626 | 33.42 1.28 -1.03 N | 4.45 0.17 0.00 N | -0.04 -0.03 0.00 N | 47.82 2.06 -1.80 N | 14.34 -0.17 -18.92 N | 11.47 0.19 -6.42 N | -0.06 -0.03 -0.77 N | 17.59 0.88 0.00 N | 15.85 0.79 0.00 N | 25.93 1.20 -0.38 N | 19.62 0.58 -6.87 N | 35.13 1.57 0.00 N | 22.85 0.99 0.00 N | 21.16 0.90 0.00 N | 28.69 1.03 -2.28 N | 20.18 0.88 -0.37 N | 37.57 1.75 0.00 N | 39.99 1.94 0.00 N | 37.43 1.85 0.00 N | 39.84 2.05 -0.78 N | 36.65 1.94 0.00 N | 30.60 1.52 0.00 N | 24.14 1.00 0.00 N | 42.19 1.75 -0.19 N | |
| KEDC PORT_JEFF_GT2 24210 | 37.06 2.91 -3.04 N | 4.68 0.41 0.00 N | -0.04 -0.02 0.00 N | 52.61 3.33 -5.33 N | 51.16 -0.36 -55.92 N | 24.21 0.37 -18.98 N | 1.43 -0.05 -2.28 N | 19.74 1.81 -1.22 N | 51.74 1.77 -34.91 N | 46.31 2.96 -18.99 N | 49.43 1.39 -35.87 N | 45.26 3.84 -7.87 N | 52.86 2.41 -28.59 N | 31.03 2.26 -8.52 N | 34.82 2.72 -6.73 N | 22.19 2.01 -1.26 N | 39.23 3.41 0.00 N | 41.60 3.55 0.00 N | 39.02 3.43 0.00 N | 42.93 3.60 -2.31 N | 38.36 3.64 0.00 N | 32.08 3.00 0.00 N | 25.36 2.22 0.00 N | 44.67 3.86 -0.56 N | |
| KEDC PORT_JEFF_GT3 24211 | 37.06 2.91 -3.04 N | 4.68 0.41 0.00 N | -0.04 -0.02 0.00 N | 52.61 3.33 -5.33 N | 51.16 -0.36 -55.92 N | 24.21 0.37 -18.98 N | 1.43 -0.05 -2.28 N | 19.74 1.81 -1.22 N | 51.74 1.77 -34.91 N | 46.31 2.96 -18.99 N | 49.43 1.39 -35.87 N | 45.26 3.84 -7.87 N | 52.86 2.41 -28.59 N | 31.03 2.26 -8.52 N | 34.82 2.72 -6.73 N | 22.19 2.01 -1.26 N | 39.23 3.41 0.00 N | 41.60 3.55 0.00 N | 39.02 3.43 0.00 N | 42.93 3.60 -2.31 N | 38.36 3.64 0.00 N | 32.08 3.00 0.00 N | 25.36 2.22 0.00 N | 44.67 3.86 -0.56 N | |
| KEDC_GLWD_GT4 | 36.89 | 4.65 | -0.02 | 52.60 | 51.17 | 24.21 | 1.43 | 19.65 | 51.59 | 45.96 | 49.37 | 44.97 | 52.62 | 30.81 | 34.62 | 22.03 | 39.14 | 41.53 | 38.90 | 42.71 | 37.99 | 31.84 | 25.17 | 44.29 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| 24219 | 2.74 -3.04 N | 0.37 0.00 N | 0.00 0.00 N | 3.32 -5.33 N | -0.35 -55.92 N | 0.37 -18.98 N | -0.05 -2.28 N | 1.71 -1.22 N | 1.62 -34.91 N | 2.62 -18.99 N | 1.33 -35.87 N | 3.54 -7.87 N | 2.17 -28.59 N | 2.03 -8.52 N | 2.52 -6.73 N | 1.85 -1.26 N | 3.32 0.00 N | 3.47 0.00 N | 3.32 0.00 N | 3.38 -2.31 N | 3.28 0.00 N | 2.76 0.00 N | 2.03 0.00 N | 3.48 -0.56 N |
| KEDC_GLWD_GT5 24220 | 36.89 2.74 -3.04 N | 4.65 0.37 0.00 N | -0.02 0.00 0.00 N | 52.60 3.32 -5.33 N | 51.17 -0.35 -55.92 N | 24.21 0.37 -18.98 N | 1.43 -0.05 -2.28 N | 19.65 1.71 -1.22 N | 51.59 1.62 -34.91 N | 45.96 2.62 -18.99 N | 49.37 1.33 -35.87 N | 44.97 3.54 -7.87 N | 52.62 2.17 -28.59 N | 30.81 2.03 -8.52 N | 34.62 2.52 -6.73 N | 22.03 1.85 -1.26 N | 39.14 3.32 0.00 N | 41.53 3.47 0.00 N | 38.90 3.32 0.00 N | 42.71 3.38 -2.31 N | 37.99 3.28 0.00 N | 31.84 2.76 0.00 N | 25.17 2.03 0.00 N | 44.29 3.48 -0.56 N |
| KENSICO____ 23655 | 36.60 2.46 -3.03 N | 4.61 0.34 0.00 N | 0.00 0.01 0.00 N | 52.44 3.17 -5.32 N | 51.05 -0.33 -55.80 N | 24.16 0.36 -18.94 N | 1.42 -0.05 -2.28 N | 18.16 1.44 0.00 N | 16.40 1.33 0.00 N | 27.68 2.21 -1.11 N | 35.12 1.13 -21.82 N | 36.62 3.06 0.00 N | 23.73 1.87 0.00 N | 22.02 1.76 0.00 N | 34.22 2.23 -6.62 N | 21.60 1.60 -1.07 N | 38.66 2.84 0.00 N | 41.09 3.04 0.00 N | 38.47 2.89 0.00 N | 42.22 2.90 -2.31 N | 37.48 2.77 0.00 N | 31.41 2.33 0.00 N | 24.89 1.75 0.00 N | 43.83 3.03 -0.56 N |
| KIAC_JFK_GT1 23816 | 36.63 2.48 -3.04 N | 4.61 0.34 0.00 N | 0.00 0.01 0.00 N | 52.46 3.18 -5.33 N | 51.15 -0.35 -55.91 N | 24.23 0.39 -18.98 N | 1.42 -0.05 -2.28 N | 18.31 1.59 0.00 N | 16.48 1.42 0.00 N | 27.77 2.30 -1.12 N | 35.17 1.14 -21.86 N | 36.65 3.10 0.00 N | 23.82 1.96 0.00 N | 22.05 1.79 0.00 N | 34.26 2.25 -6.63 N | 21.62 1.61 -1.07 N | 38.67 2.85 0.00 N | 41.09 3.04 0.00 N | 38.47 2.89 0.00 N | 42.22 2.90 -2.31 N | 37.52 2.80 0.00 N | 31.45 2.37 0.00 N | 24.96 1.82 0.00 N | 44.08 3.27 -0.56 N |
| KIAC_JFK_GT2 23817 | 36.63 2.48 -3.04 N | 4.61 0.34 0.00 N | 0.00 0.01 0.00 N | 52.46 3.18 -5.33 N | 51.15 -0.35 -55.91 N | 24.23 0.39 -18.98 N | 1.42 -0.05 -2.28 N | 18.31 1.59 0.00 N | 16.48 1.42 0.00 N | 27.77 2.30 -1.12 N | 35.17 1.14 -21.86 N | 36.65 3.10 0.00 N | 23.82 1.96 0.00 N | 22.05 1.79 0.00 N | 34.26 2.25 -6.63 N | 21.62 1.61 -1.07 N | 38.67 2.85 0.00 N | 41.09 3.04 0.00 N | 38.47 2.89 0.00 N | 42.22 2.90 -2.31 N | 37.52 2.80 0.00 N | 31.45 2.37 0.00 N | 24.96 1.82 0.00 N | 44.08 3.27 -0.56 N |
| KINTIGH____ 23543 | 28.27 -3.20 -0.35 N | 3.91 -0.36 0.00 N | -0.07 -0.05 0.00 N | 41.61 -2.95 -0.61 N | 2.29 0.26 -6.44 N | 6.69 -0.35 -2.19 N | -0.51 0.03 -0.26 N | 15.64 -1.08 0.00 N | 13.85 -1.21 0.00 N | 22.17 -2.32 -0.13 N | 13.22 -1.26 -2.31 N | 30.08 -3.48 0.00 N | 19.71 -2.15 0.00 N | 18.12 -2.15 0.00 N | 23.19 -2.96 -0.78 N | 17.04 -2.01 -0.13 N | 32.08 -3.73 0.00 N | 34.04 -4.01 0.00 N | 31.77 -3.81 0.00 N | 33.31 -3.97 -0.27 N | 30.93 -3.78 0.00 N | 26.08 -3.00 0.00 N | 21.15 -1.99 0.00 N | 37.60 -2.71 -0.06 N |
| LEDERLE____ 23769 | 36.67 2.62 -2.94 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.56 3.45 -5.15 N | 49.32 -0.36 -54.08 N | 23.60 0.39 -18.36 N | 1.35 -0.05 -2.21 N | 18.23 1.51 0.00 N | 16.44 1.38 0.00 N | 27.71 2.28 -1.08 N | 34.38 1.16 -21.05 N | 36.72 3.17 0.00 N | 23.78 1.92 0.00 N | 22.08 1.82 0.00 N | 34.08 2.30 -6.41 N | 21.61 1.65 -1.04 N | 38.77 2.95 0.00 N | 41.25 3.20 0.00 N | 38.65 3.07 0.00 N | 42.33 3.08 -2.24 N | 37.68 2.96 0.00 N | 31.57 2.49 0.00 N | 25.01 1.87 0.00 N | 44.05 3.25 -0.54 N |
| LINDEN COGEN____ 23786 | 36.75 2.60 -3.04 N | 4.63 0.35 0.00 N | 0.00 0.01 0.00 N | 52.59 3.31 -5.33 N | 51.16 -0.34 -55.91 N | 24.21 0.38 -18.98 N | 1.42 -0.05 -2.28 N | 18.24 1.52 0.00 N | 16.48 1.41 0.00 N | 27.80 2.33 -1.12 N | 35.19 1.18 -21.84 N | 36.77 3.22 0.00 N | 23.86 2.00 0.00 N | 22.13 1.88 0.00 N | 34.37 2.36 -6.63 N | 21.69 1.69 -1.07 N | 38.84 3.03 0.00 N | 41.28 3.24 0.00 N | 38.66 3.08 0.00 N | 42.39 3.07 -2.31 N | 37.62 2.91 0.00 N | 31.54 2.46 0.00 N | 24.56 1.83 0.41 N | 43.98 3.17 -0.56 N |
| LIPA_MISC_IPP 23656 | 36.90 2.75 -3.04 N | 4.66 0.39 0.00 N | -0.03 -0.02 0.00 N | 52.48 3.20 -5.33 N | 51.16 -0.35 -55.92 N | 24.19 0.35 -18.98 N | 1.44 -0.04 -2.28 N | 19.59 1.66 -1.22 N | 51.63 1.66 -34.91 N | 46.13 2.78 -18.99 N | 49.39 1.35 -35.87 N | 45.12 3.69 -7.87 N | 52.81 2.36 -28.59 N | 30.96 2.19 -8.52 N | 34.72 2.62 -6.73 N | 22.10 1.92 -1.26 N | 39.00 3.19 0.00 N | 41.37 3.32 0.00 N | 38.82 3.23 0.00 N | 42.72 3.39 -2.31 N | 38.16 3.45 0.00 N | 31.92 2.84 0.00 N | 25.21 2.07 0.00 N | 44.54 3.72 -0.56 N |
| LITTLE FALLS____HYD 24013 | 32.32 1.30 0.09 N | 4.45 0.18 0.00 N | -0.02 -0.01 0.00 N | 45.64 1.84 0.15 N | -6.20 -0.18 1.60 N | 4.49 0.19 0.54 N | -0.91 -0.04 0.07 N | 17.35 0.63 0.00 N | 15.72 0.65 0.00 N | 25.43 1.11 0.03 N | 12.15 0.55 0.58 N | 35.03 1.47 0.00 N | 22.72 0.86 0.00 N | 21.06 0.80 0.00 N | 26.24 1.07 0.19 N | 19.73 0.83 0.03 N | 37.41 1.59 0.00 N | 39.80 1.75 0.00 N | 37.20 1.62 0.00 N | 38.72 1.77 0.07 N | 36.27 1.56 0.00 N | 30.31 1.23 0.00 N | 24.10 0.96 0.00 N | 41.88 1.65 0.02 N |
| LI_NEWBRDGE____DRP 323616 | 36.71 2.56 -3.04 N | 4.63 0.36 0.00 N | -0.03 -0.02 0.00 N | 52.20 2.91 -5.33 N | 51.20 -0.31 -55.92 N | 24.16 0.32 -18.98 N | 1.43 -0.05 -2.28 N | 19.66 1.73 -1.22 N | 51.63 1.66 -34.91 N | 46.10 2.75 -18.99 N | 49.40 1.36 -35.87 N | 45.16 3.74 -7.87 N | 52.77 2.33 -28.59 N | 30.96 2.18 -8.52 N | 34.76 2.66 -6.73 N | 22.13 1.94 -1.26 N | 38.88 3.06 0.00 N | 41.14 3.08 0.00 N | 38.60 3.02 0.00 N | 42.44 3.11 -2.31 N | 37.79 3.08 0.00 N | 31.67 2.59 0.00 N | 25.05 1.91 0.00 N | 44.10 3.29 -0.56 N |
| LONG_LAKE_PHOENIX 24014 | 30.56 -0.77 -0.22 N | 4.17 -0.10 0.00 N | -0.02 -0.01 0.00 N | 43.39 -0.95 -0.39 N | -0.26 0.09 -4.06 N | 6.12 -0.11 -1.38 N | -0.62 0.02 -0.16 N | 16.37 -0.34 0.00 N | 14.75 -0.32 0.00 N | 23.89 -0.54 -0.08 N | 13.35 -0.28 -1.46 N | 32.80 -0.76 0.00 N | 21.43 -0.44 0.00 N | 19.84 -0.42 0.00 N | 25.29 -0.57 -0.49 N | 18.62 -0.39 -0.08 N | 35.07 -0.74 0.00 N | 37.30 -0.75 0.00 N | 34.87 -0.71 0.00 N | 36.42 -0.76 -0.17 N | 34.00 -0.72 0.00 N | 28.45 -0.63 0.00 N | 22.62 -0.52 0.00 N | 39.42 -0.86 -0.04 N |
| LOVETT____3 23632 | 36.24 2.17 -2.95 N | 4.57 0.30 0.00 N | 0.00 0.01 0.00 N | 52.01 2.88 -5.18 N | 49.60 -0.30 -54.31 N | 23.62 0.34 -18.44 N | 1.36 -0.05 -2.21 N | 18.01 1.29 0.00 N | 16.24 1.17 0.00 N | 27.39 1.96 -1.08 N | 34.32 1.00 -21.15 N | 36.25 2.70 0.00 N | 23.47 1.61 0.00 N | 21.79 1.53 0.00 N | 33.74 1.94 -6.44 N | 21.34 1.37 -1.04 N | 38.23 2.42 0.00 N | 40.66 2.61 0.00 N | 38.09 2.51 0.00 N | 41.76 2.50 -2.25 N | 37.13 2.41 0.00 N | 31.11 2.03 0.00 N | 24.66 1.52 0.00 N | 43.45 2.65 -0.55 N |
| LOVETT____4 23642 | 36.45 2.38 -2.96 N | 4.60 0.33 0.00 N | 0.00 0.01 0.00 N | 52.28 3.16 -5.18 N | 49.59 -0.33 -54.33 N | 23.66 0.36 -18.44 N | 1.36 -0.05 -2.22 N | 18.12 1.40 0.00 N | 16.34 1.28 0.00 N | 27.56 2.12 -1.08 N | 34.42 1.08 -21.16 N | 36.49 2.93 0.00 N | 23.63 1.77 0.00 N | 21.93 1.67 0.00 N | 33.92 2.12 -6.44 N | 21.48 1.51 -1.04 N | 38.50 2.68 0.00 N | 40.94 2.89 0.00 N | 38.37 2.78 0.00 N | 42.04 2.78 -2.25 N | 37.40 2.69 0.00 N | 31.34 2.26 0.00 N | 24.83 1.69 0.00 N | 43.73 2.93 -0.55 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| LOVETT___5 23593 | 36.45 2.38 -2.96 N | 4.60 0.33 0.00 N | 0.00 0.01 0.00 N | 52.28 3.16 -5.18 N | 49.59 -0.33 -54.33 N | 23.66 0.36 -18.44 N | 1.36 -0.05 -2.22 N | 18.12 1.40 0.00 N | 16.34 1.28 0.00 N | 27.56 2.12 -1.08 N | 34.42 1.08 -21.16 N | 36.49 2.93 0.00 N | 23.63 1.77 0.00 N | 21.93 1.67 0.00 N | 33.92 2.12 -6.44 N | 21.48 1.51 -1.04 N | 38.50 2.68 0.00 N | 40.94 2.89 0.00 N | 38.37 2.78 0.00 N | 42.04 2.78 -2.25 N | 37.40 2.69 0.00 N | 31.34 2.26 0.00 N | 24.83 1.69 0.00 N | 43.73 2.93 -0.55 N |
| LOWER RAQUET___HYD 24057 | 27.33 -3.68 0.11 N | 3.57 -0.70 0.00 N | -0.01 0.00 0.00 N | 35.52 -8.25 0.19 N | -5.54 0.82 1.95 N | 3.27 -0.92 0.66 N | -0.76 0.13 0.08 N | 13.09 -3.63 0.00 N | 11.84 -3.22 0.00 N | 19.36 -4.96 0.04 N | 9.21 -2.26 0.70 N | 27.84 -5.72 0.00 N | 18.45 -3.42 0.00 N | 16.66 -3.60 0.00 N | 20.84 -4.30 0.23 N | 15.59 -3.30 0.04 N | 29.72 -6.09 0.00 N | 31.19 -6.86 0.00 N | 28.90 -6.69 0.00 N | 30.21 -6.72 0.08 N | 28.93 -5.79 0.00 N | 24.21 -4.87 0.00 N | 19.89 -3.25 0.00 N | 32.24 -7.99 0.02 N |
| LOWER___HUDSON 24059 | 36.36 1.37 -3.87 N | 4.45 0.19 0.00 N | 0.01 0.02 0.00 N | 52.50 1.78 -6.76 N | 66.39 -0.19 -71.00 N | 29.17 0.22 -24.10 N | 2.06 -0.03 -2.90 N | 17.40 0.68 0.00 N | 15.71 0.65 0.00 N | 26.92 1.13 -1.45 N | 38.43 0.56 -25.69 N | 35.08 1.52 0.00 N | 22.72 0.86 0.00 N | 21.07 0.81 0.00 N | 35.13 1.15 -8.61 N | 21.18 0.86 -1.39 N | 37.41 1.59 0.00 N | 39.75 1.70 0.00 N | 37.09 1.50 0.00 N | 41.68 1.73 -2.94 N | 36.18 1.47 0.00 N | 30.31 1.23 0.00 N | 24.15 1.01 0.00 N | 42.84 1.88 -0.72 N |
| LWR___OSWEGATCHIE_HYD 23850 | 28.65 -2.46 0.00 N | 3.81 -0.46 0.00 N | -0.01 0.00 0.00 N | 38.54 -5.41 0.00 N | -3.88 0.53 0.00 N | 4.26 -0.60 0.00 N | -0.72 0.08 0.00 N | 14.43 -2.29 0.00 N | 13.06 -2.00 0.00 N | 21.29 -3.07 0.00 N | 10.78 -1.39 0.00 N | 29.99 -3.57 0.00 N | 19.74 -2.12 0.00 N | 18.01 -2.25 0.00 N | 22.65 -2.72 0.00 N | 16.87 -2.06 0.00 N | 32.00 -3.81 0.00 N | 33.74 -4.31 0.00 N | 31.31 -4.27 0.00 N | 32.66 -4.36 0.00 N | 30.91 -3.80 0.00 N | 25.82 -3.26 0.00 N | 20.85 -2.29 0.00 N | 34.78 -5.46 0.00 N |
| LYONS_FALL_HYD 23570 | 30.66 -0.46 0.00 N | 4.16 -0.11 0.00 N | -0.02 -0.01 0.00 N | 42.62 -1.33 0.00 N | -4.28 0.13 0.00 N | 4.70 -0.15 0.00 N | -0.79 0.02 0.00 N | 16.22 -0.49 0.00 N | 14.70 -0.37 0.00 N | 23.83 -0.52 0.00 N | 11.95 -0.22 0.00 N | 33.00 -0.56 0.00 N | 21.58 -0.28 0.00 N | 19.91 -0.35 0.00 N | 24.93 -0.44 0.00 N | 18.62 -0.31 0.00 N | 35.28 -0.53 0.00 N | 37.39 -0.66 0.00 N | 34.82 -0.77 0.00 N | 36.20 -0.81 0.00 N | 34.01 -0.71 0.00 N | 28.39 -0.69 0.00 N | 22.58 -0.56 0.00 N | 38.69 -1.56 0.00 N |
| MAPLE RIDGE_WT_1 323574 | 29.70 -1.19 0.22 N | 4.03 -0.25 0.00 N | -0.02 -0.01 0.00 N | 40.44 -3.13 0.38 N | -8.07 0.34 4.01 N | 3.13 -0.36 1.36 N | -0.91 0.05 0.16 N | 15.15 -1.57 0.00 N | 13.69 -1.37 0.00 N | 22.09 -2.18 0.08 N | 9.70 -1.04 1.44 N | 30.88 -2.68 0.00 N | 20.30 -1.56 0.00 N | 18.87 -1.39 0.00 N | 23.25 -1.64 0.48 N | 17.36 -1.49 0.08 N | 33.60 -2.22 0.00 N | 35.52 -2.52 0.00 N | 33.21 -2.38 0.00 N | 34.18 -2.66 0.17 N | 32.38 -2.33 0.00 N | 27.08 -2.00 0.00 N | 21.73 -1.42 0.00 N | 36.57 -3.63 0.04 N |
| MAPLE RIDGE_WT_2 323611 | 29.70 -1.19 0.22 N | 4.03 -0.25 0.00 N | -0.02 -0.01 0.00 N | 40.44 -3.13 0.38 N | -8.07 0.34 4.01 N | 3.13 -0.36 1.36 N | -0.91 0.05 0.16 N | 15.15 -1.57 0.00 N | 13.69 -1.37 0.00 N | 22.09 -2.18 0.08 N | 9.70 -1.04 1.44 N | 30.88 -2.68 0.00 N | 20.30 -1.56 0.00 N | 18.87 -1.39 0.00 N | 23.25 -1.64 0.48 N | 17.36 -1.49 0.08 N | 33.60 -2.22 0.00 N | 35.52 -2.52 0.00 N | 33.21 -2.38 0.00 N | 34.18 -2.66 0.17 N | 32.38 -2.33 0.00 N | 27.08 -2.00 0.00 N | 21.73 -1.42 0.00 N | 36.57 -3.63 0.04 N |
| MG INDUSTRY___DRP 24185 | 35.59 0.66 -3.81 N | 4.37 0.10 0.00 N | 0.00 0.01 0.00 N | 51.69 1.07 -6.66 N | 65.41 -0.11 -69.93 N | 28.72 0.13 -23.74 N | 2.03 -0.02 -2.85 N | 17.11 0.40 0.00 N | 15.44 0.37 0.00 N | 26.42 0.64 -1.43 N | 37.66 0.28 -25.21 N | 34.32 0.76 0.00 N | 22.30 0.44 0.00 N | 20.68 0.42 0.00 N | 34.43 0.57 -8.48 N | 20.72 0.42 -1.37 N | 36.54 0.72 0.00 N | 38.81 0.76 0.00 N | 36.30 0.72 0.00 N | 40.73 0.81 -2.90 N | 35.45 0.74 0.00 N | 29.69 0.61 0.00 N | 23.61 0.47 0.00 N | 41.91 0.95 -0.71 N |
| MID___OSWEGATCHIE_HYD 23849 | 28.65 -2.46 0.00 N | 3.81 -0.46 0.00 N | -0.01 0.00 0.00 N | 38.54 -5.41 0.00 N | -3.88 0.53 0.00 N | 4.26 -0.60 0.00 N | -0.72 0.08 0.00 N | 14.43 -2.29 0.00 N | 13.06 -2.00 0.00 N | 21.29 -3.07 0.00 N | 10.78 -1.39 0.00 N | 29.99 -3.57 0.00 N | 19.74 -2.12 0.00 N | 18.01 -2.25 0.00 N | 22.65 -2.72 0.00 N | 16.87 -2.06 0.00 N | 32.00 -3.81 0.00 N | 33.74 -4.31 0.00 N | 31.31 -4.27 0.00 N | 32.66 -4.36 0.00 N | 30.91 -3.80 0.00 N | 25.82 -3.26 0.00 N | 20.85 -2.29 0.00 N | 34.78 -5.46 0.00 N |
| MID___RAQUETTE_HYD 23851 | 27.33 -3.68 0.11 N | 3.57 -0.70 0.00 N | -0.01 0.00 0.00 N | 35.52 -8.25 0.19 N | -5.54 0.82 1.95 N | 3.27 -0.92 0.66 N | -0.76 0.13 0.08 N | 13.09 -3.63 0.00 N | 11.84 -3.22 0.00 N | 19.36 -4.96 0.04 N | 9.21 -2.26 0.70 N | 27.84 -5.72 0.00 N | 18.45 -3.42 0.00 N | 16.66 -3.60 0.00 N | 20.84 -4.30 0.23 N | 15.59 -3.30 0.04 N | 29.72 -6.09 0.00 N | 31.19 -6.86 0.00 N | 28.90 -6.69 0.00 N | 30.21 -6.72 0.08 N | 28.93 -5.79 0.00 N | 24.21 -4.87 0.00 N | 19.89 -3.25 0.00 N | 32.24 -7.99 0.02 N |
| MILLIKEN___1 23584 | 32.73 1.14 -0.48 N | 4.43 0.15 0.00 N | -0.04 -0.03 0.00 N | 46.67 1.89 -0.84 N | 4.19 -0.17 -8.78 N | 8.02 0.19 -2.98 N | -0.48 -0.03 -0.36 N | 17.61 0.89 0.00 N | 15.88 0.81 0.00 N | 25.75 1.22 -0.18 N | 15.90 0.58 -3.15 N | 35.15 1.59 0.00 N | 22.93 1.07 0.00 N | 21.21 0.95 0.00 N | 27.49 1.06 -1.06 N | 20.01 0.91 -0.17 N | 37.59 1.78 0.00 N | 40.03 1.98 0.00 N | 37.44 1.85 0.00 N | 39.33 1.95 -0.36 N | 36.56 1.85 0.00 N | 30.59 1.51 0.00 N | 24.17 1.03 0.00 N | 42.15 1.81 -0.09 N |
| MILLIKEN___2 23585 | 32.73 1.14 -0.48 N | 4.43 0.15 0.00 N | -0.04 -0.03 0.00 N | 46.67 1.89 -0.84 N | 4.19 -0.17 -8.78 N | 8.02 0.19 -2.98 N | -0.48 -0.03 -0.36 N | 17.61 0.89 0.00 N | 15.88 0.81 0.00 N | 25.75 1.22 -0.18 N | 15.90 0.58 -3.15 N | 35.15 1.59 0.00 N | 22.93 1.07 0.00 N | 21.21 0.95 0.00 N | 27.49 1.06 -1.06 N | 20.01 0.91 -0.17 N | 37.59 1.78 0.00 N | 40.03 1.98 0.00 N | 37.44 1.85 0.00 N | 39.33 1.95 -0.36 N | 36.56 1.85 0.00 N | 30.59 1.51 0.00 N | 24.17 1.03 0.00 N | 42.15 1.81 -0.09 N |
| MILLIKEN___DIESEL 23629 | 32.73 1.14 -0.48 N | 4.43 0.15 0.00 N | -0.04 -0.03 0.00 N | 46.67 1.89 -0.84 N | 4.19 -0.17 -8.78 N | 8.02 0.19 -2.98 N | -0.48 -0.03 -0.36 N | 17.61 0.89 0.00 N | 15.88 0.81 0.00 N | 25.75 1.22 -0.18 N | 15.90 0.58 -3.15 N | 35.15 1.59 0.00 N | 22.93 1.07 0.00 N | 21.21 0.95 0.00 N | 27.49 1.06 -1.06 N | 20.01 0.91 -0.17 N | 37.59 1.78 0.00 N | 40.03 1.98 0.00 N | 37.44 1.85 0.00 N | 39.33 1.95 -0.36 N | 36.56 1.85 0.00 N | 30.59 1.51 0.00 N | 24.17 1.03 0.00 N | 42.15 1.81 -0.09 N |
| MILLSEAT___LFGE 323607 | 29.21 -2.28 -0.38 N | 4.03 -0.25 0.00 N | -0.07 -0.06 0.00 N | 42.69 -1.92 -0.66 N | 2.68 0.17 -6.92 N | 6.95 -0.25 -2.35 N | -0.50 0.02 -0.28 N | 16.04 -0.68 0.00 N | 14.20 -0.86 0.00 N | 22.74 -1.76 -0.14 N | 13.67 -0.98 -2.48 N | 30.94 -2.62 0.00 N | 20.22 -1.64 0.00 N | 18.54 -1.72 0.00 N | 23.75 -2.45 -0.84 N | 17.44 -1.62 -0.13 N | 32.78 -3.04 0.00 N | 34.83 -3.22 0.00 N | 32.53 -3.06 0.00 N | 34.13 -3.17 -0.29 N | 31.68 -3.03 0.00 N | 26.70 -2.38 0.00 N | 21.68 -1.46 0.00 N | 38.64 -1.67 -0.07 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 |
|------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|---|
| MODEL_CITY_ENERGY 24167 | 28.62 -2.89 -0.40 N | 3.95 -0.32 0.00 N | -0.08 -0.06 0.00 N | 42.06 -2.59 -0.69 N | 3.08 0.23 -7.25 N | 6.99 -0.32 -2.46 N | -0.49 0.02 -0.30 N | 15.75 -0.96 0.00 N | 13.87 -1.20 0.00 N | 22.12 -2.38 -0.15 N | 13.45 -1.33 -2.60 N | 30.00 -3.56 0.00 N | 19.62 -2.24 0.00 N | 17.96 -2.30 0.00 N | 23.04 -3.21 -0.88 N | 16.91 -2.16 -0.14 N | 31.77 -4.05 0.00 N | 33.71 -4.34 0.00 N | 31.47 -4.11 0.00 N | 33.04 -4.27 -0.30 N | 30.62 -4.09 0.00 N | 25.87 -3.21 0.00 N | 21.12 -2.03 0.00 N | 37.87 -2.45 -0.07 N | |
| MODERN_LFGE___ 323580 | 28.62 -2.89 -0.40 N | 3.95 -0.32 0.00 N | -0.08 -0.06 0.00 N | 42.06 -2.59 -0.69 N | 3.08 0.23 -7.25 N | 6.99 -0.32 -2.46 N | -0.49 0.02 -0.30 N | 15.75 -0.96 0.00 N | 13.87 -1.20 0.00 N | 22.12 -2.38 -0.15 N | 13.45 -1.33 -2.60 N | 30.00 -3.56 0.00 N | 19.62 -2.24 0.00 N | 17.96 -2.30 0.00 N | 23.04 -3.21 -0.88 N | 16.91 -2.16 -0.14 N | 31.77 -4.05 0.00 N | 33.71 -4.34 0.00 N | 31.47 -4.11 0.00 N | 33.04 -4.27 -0.30 N | 30.62 -4.09 0.00 N | 25.87 -3.21 0.00 N | 21.12 -2.03 0.00 N | 37.87 -2.45 -0.07 N | |
| MOHAWK_PAPER___DRP 24187 | 36.04 1.01 -3.91 N | 4.41 0.14 0.00 N | 0.00 0.01 0.00 N | 52.17 1.38 -6.83 N | 67.19 -0.14 -71.74 N | 29.37 0.17 -24.35 N | 2.10 -0.02 -2.93 N | 17.26 0.55 0.00 N | 15.60 0.53 0.00 N | 26.77 0.95 -1.46 N | 38.56 0.48 -25.91 N | 34.87 1.31 0.00 N | 22.63 0.77 0.00 N | 20.99 0.73 0.00 N | 35.09 1.02 -8.70 N | 21.09 0.75 -1.41 N | 37.16 1.35 0.00 N | 39.49 1.44 0.00 N | 36.89 1.30 0.00 N | 41.46 1.48 -2.97 N | 36.00 1.29 0.00 N | 30.15 1.07 0.00 N | 24.00 0.85 0.00 N | 42.47 1.50 -0.72 N | |
| MONGAUP___HYD 23641 | 35.93 2.03 -2.78 N | 4.55 0.28 0.00 N | -0.01 0.00 0.00 N | 51.47 2.64 -4.88 N | 46.55 -0.27 -51.23 N | 22.55 0.30 -17.39 N | 1.25 -0.04 -2.09 N | 17.91 1.19 0.00 N | 16.17 1.11 0.00 N | 27.24 1.87 -1.02 N | 32.93 0.95 -19.80 N | 36.13 2.58 0.00 N | 23.42 1.56 0.00 N | 21.74 1.48 0.00 N | 33.31 1.88 -6.06 N | 21.31 1.40 -0.98 N | 38.31 2.49 0.00 N | 40.72 2.67 0.00 N | 38.12 2.53 0.00 N | 41.67 2.54 -2.12 N | 37.26 2.55 0.00 N | 31.23 2.15 0.00 N | 24.76 1.62 0.00 N | 43.58 2.81 -0.52 N | |
| MONTAUK___DIESEL 23721 | 38.21 4.06 -3.04 N | 4.84 0.57 0.00 N | -0.03 -0.02 0.00 N | 54.77 5.49 -5.33 N | 50.93 -0.58 -55.92 N | 24.44 0.60 -18.98 N | 1.40 -0.08 -2.28 N | 20.62 2.69 -1.22 N | 52.71 2.74 -34.91 N | 47.95 4.60 -18.99 N | 50.30 2.26 -35.87 N | 47.58 6.16 -7.87 N | 54.41 3.96 -28.59 N | 32.42 3.64 -8.52 N | 36.51 4.40 -6.73 N | 23.43 3.25 -1.26 N | 41.57 5.76 0.00 N | 44.14 6.09 0.00 N | 41.43 5.85 0.00 N | 45.56 6.23 -2.31 N | 40.99 6.28 0.00 N | 34.14 5.06 0.00 N | 26.83 3.69 0.00 N | 47.09 6.28 -0.56 N | |
| MUNSVILLE_WIND_PWR 323609 | 33.73 1.74 -0.87 N | 4.50 0.23 0.00 N | -0.09 -0.07 0.00 N | 47.82 2.35 -1.52 N | 11.37 -0.21 -15.99 N | 10.49 0.21 -5.43 N | -0.20 -0.05 -0.65 N | 17.71 1.00 0.00 N | 15.92 0.86 0.00 N | 25.99 1.31 -0.32 N | 18.61 0.64 -5.80 N | 35.30 1.74 0.00 N | 22.96 1.10 0.00 N | 21.20 0.94 0.00 N | 28.39 1.09 -1.93 N | 20.25 1.01 -0.31 N | 38.06 2.25 0.00 N | 40.59 2.54 0.00 N | 38.03 2.45 0.00 N | 40.76 3.08 -0.66 N | 37.60 2.89 0.00 N | 31.35 2.27 0.00 N | 24.56 1.42 0.00 N | 42.44 2.03 -0.16 N | |
| N SALMON___HYD 24042 | 27.53 -3.44 0.14 N | 3.58 -0.69 0.00 N | -0.01 0.00 0.00 N | 35.40 -8.30 0.25 N | -6.17 0.83 2.60 N | 3.04 -0.93 0.88 N | -0.78 0.12 0.11 N | 13.09 -3.62 0.00 N | 11.83 -3.24 0.00 N | 19.36 -4.95 0.05 N | 9.02 -2.23 0.93 N | 27.92 -5.64 0.00 N | 18.49 -3.37 0.00 N | 16.70 -3.56 0.00 N | 20.80 -4.26 0.31 N | 15.57 -3.31 0.05 N | 29.73 -6.09 0.00 N | 31.26 -6.79 0.00 N | 29.06 -6.52 0.00 N | 30.15 -6.75 0.11 N | 28.97 -5.74 0.00 N | 24.34 -4.74 0.00 N | 19.92 -3.22 0.00 N | 31.96 -8.26 0.03 N | |
| N.E_GEN_SANDY PD 24062 | 36.37 1.65 -3.60 N | 4.49 0.22 0.00 N | 0.00 0.02 0.00 N | 52.34 2.11 -6.28 N | 61.24 -0.23 -65.89 N | 27.48 0.26 -22.37 N | 1.85 -0.04 -2.69 N | 17.56 0.84 0.00 N | 15.83 0.76 0.00 N | 27.00 1.31 -1.34 N | 37.31 0.67 -24.47 N | 35.36 1.80 0.00 N | 22.89 1.03 0.00 N | 21.24 0.98 0.00 N | 34.68 1.36 -7.95 N | 38.00 1.57 -8.13 N | 37.64 1.83 0.00 N | 40.00 1.95 0.00 N | 37.35 1.77 0.00 N | 41.64 1.89 -2.73 N | 36.35 1.63 0.00 N | 30.44 1.36 0.00 N | 24.27 1.13 0.00 N | 43.03 2.12 -0.66 N | |
| NARROWS_GT1_1 24228 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N | |
| NARROWS_GT1_2 24229 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N | |
| NARROWS_GT1_3 24230 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N | |
| NARROWS_GT1_4 24231 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N | |
| NARROWS_GT1_5 24232 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N | |
| NARROWS_GT1_6 | 37.09 | 4.66 | 0.00 | 52.95 | 51.13 | 24.24 | 1.42 | 18.36 | 16.61 | 28.07 | 35.43 | 37.20 | 25.64 | 34.62 | 38.26 | 30.40 | 39.98 | 41.65 | 39.02 | 42.81 | 37.99 | 31.84 | 28.04 | 44.51 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| 24233 | 2.94 -3.04 N | 0.39 0.00 N | 0.02 0.00 N | 3.67 -5.33 N | -0.37 -55.91 N | 0.41 -18.98 N | -0.06 -2.28 N | 1.65 0.00 N | 1.55 0.00 N | 2.60 -1.12 N | 1.34 -21.92 N | 3.64 -0.01 N | 2.24 -1.53 N | 2.08 -12.27 N | 2.64 -10.25 N | 1.91 -9.57 N | 3.40 -0.76 N | 3.60 0.00 N | 3.44 0.00 N | 3.48 -2.32 N | 3.28 0.00 N | 2.76 -0.01 N | 2.10 -2.80 N | 3.69 -0.57 N |
| NARROWS_GT1_7 24234 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| NARROWS_GT1_8 24235 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| NARROWS_GT2_1 24236 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| NARROWS_GT2_2 24237 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| NARROWS_GT2_3 24238 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| NARROWS_GT2_4 24239 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| NARROWS_GT2_5 24240 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| NARROWS_GT2_6 24241 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| NARROWS_GT2_7 24242 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| NARROWS_GT2_8 24243 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| NEG CAPITAL___MECHNVIL 23645 | 36.59 1.59 -3.89 N | 4.48 0.21 0.00 N | 0.00 0.01 0.00 N | 52.72 1.97 -6.79 N | 66.66 -0.22 -71.29 N | 29.29 0.24 -24.20 N | 2.07 -0.04 -2.91 N | 17.48 0.77 0.00 N | 15.82 0.76 0.00 N | 27.12 1.32 -1.45 N | 38.63 0.65 -25.81 N | 35.33 1.77 0.00 N | 22.87 1.01 0.00 N | 21.21 0.95 0.00 N | 35.35 1.34 -8.64 N | 21.31 0.99 -1.40 N | 37.67 1.85 0.00 N | 40.04 1.99 0.00 N | 37.35 1.76 0.00 N | 41.99 2.02 -2.95 N | 36.44 1.73 0.00 N | 30.54 1.46 0.00 N | 24.32 1.18 0.00 N | 43.09 2.12 -0.72 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 29.27 -2.16 -0.32 N | 4.01 -0.26 0.00 N | -0.05 -0.03 0.00 N | 42.15 -2.35 -0.55 N | 1.63 0.22 -5.83 N | 6.56 -0.27 -1.98 N | -0.54 0.03 -0.24 N | 15.92 -0.80 0.00 N | 14.26 -0.81 0.00 N | 23.00 -1.47 -0.12 N | 13.48 -0.78 -2.09 N | 31.44 -2.12 0.00 N | 20.57 -1.29 0.00 N | 18.96 -1.30 0.00 N | 24.28 -1.80 -0.70 N | 17.82 -1.22 0.00 N | 33.54 -2.27 0.00 N | 35.62 -2.42 0.00 N | 33.26 -2.32 0.00 N | 34.84 -2.41 -0.24 N | 32.45 -2.27 0.00 N | 27.23 -1.85 0.00 N | 21.82 -1.32 0.00 N | 38.32 -1.98 -0.06 N |
| NEG CENTRAL___DRP 24199 | 31.14 -0.32 -0.35 N | 4.24 -0.04 0.00 N | -0.03 -0.02 0.00 N | 44.57 -0.01 -0.62 N | 2.08 0.01 -6.48 N | 7.03 -0.02 -2.20 N | -0.54 0.00 -0.26 N | 16.80 0.09 0.00 N | 15.10 0.04 0.00 N | 24.41 -0.08 -0.13 N | 14.43 -0.07 -2.32 N | 33.39 -0.17 0.00 N | 21.80 -0.06 0.00 N | 20.16 -0.10 0.00 N | 25.89 -0.26 -0.78 N | 18.96 -0.09 -0.13 N | 35.66 -0.16 0.00 N | 37.96 -0.09 0.00 N | 35.49 -0.09 0.00 N | 37.13 -0.15 -0.27 N | 34.59 -0.12 0.00 N | 28.98 -0.10 0.00 N | 23.03 -0.11 0.00 N | 40.39 0.08 -0.06 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| NEG CENTRAL___INDECK 23768 | 30.82 -0.76 -0.46 N | 4.20 -0.07 0.00 N | -0.06 -0.05 0.00 N | 44.71 -0.05 -0.81 N | 4.14 0.02 -8.52 N | 7.69 -0.05 -2.89 N | -0.46 0.00 -0.35 N | 16.86 0.15 0.00 N | 15.05 -0.01 0.00 N | 24.27 -0.26 -0.17 N | 15.03 -0.20 -3.06 N | 33.12 -0.44 0.00 N | 21.62 -0.25 0.00 N | 19.93 -0.33 0.00 N | 25.69 -0.70 -1.03 N | 18.76 -0.34 -0.17 N | 35.18 -0.64 0.00 N | 37.45 -0.60 0.00 N | 35.00 -0.58 0.00 N | 36.72 -0.64 -0.35 N | 34.11 -0.60 0.00 N | 28.62 -0.46 0.00 N | 22.88 -0.26 0.00 N | 40.50 0.17 -0.09 N |
| NEG CENTRAL___SENECA 23627 | 31.24 -0.27 -0.39 N | 4.25 -0.02 0.00 N | -0.05 -0.03 0.00 N | 44.90 0.26 -0.68 N | 2.76 0.00 -7.17 N | 7.28 -0.01 -2.44 N | -0.51 0.00 -0.29 N | 16.93 0.21 0.00 N | 15.19 0.13 0.00 N | 24.51 0.01 -0.15 N | 14.71 -0.04 -2.57 N | 33.49 -0.07 0.00 N | 21.86 -0.01 0.00 N | 20.21 -0.05 0.00 N | 26.00 -0.24 -0.87 N | 19.03 -0.04 -0.14 N | 35.76 -0.06 0.00 N | 38.07 0.02 0.00 N | 35.56 -0.02 0.00 N | 37.22 -0.09 -0.30 N | 34.64 -0.08 0.00 N | 29.03 -0.05 0.00 N | 23.09 -0.05 0.00 N | 40.66 0.34 -0.07 N |
| NEG CENTRAL___STATE_STREET 24147 | 32.04 0.58 -0.35 N | 4.35 0.08 0.00 N | -0.04 -0.02 0.00 N | 45.61 1.05 -0.61 N | 1.88 -0.10 -6.40 N | 7.14 0.12 -2.17 N | -0.57 -0.02 -0.26 N | 17.27 0.56 0.00 N | 15.58 0.51 0.00 N | 25.21 0.72 -0.13 N | 14.80 0.33 -2.29 N | 34.48 0.92 0.00 N | 22.51 0.65 0.00 N | 20.82 0.56 0.00 N | 26.71 0.57 -0.77 N | 19.57 0.52 -0.12 N | 36.79 0.97 0.00 N | 39.22 1.17 0.00 N | 36.70 1.11 0.00 N | 38.39 1.11 -0.26 N | 35.78 1.07 0.00 N | 29.96 0.88 0.00 N | 23.76 0.62 0.00 N | 41.49 1.18 -0.06 N |
| NEG MILLWOOD___DRP 24198 | 36.76 2.55 -3.11 N | 4.62 0.35 0.00 N | -0.01 0.01 0.00 N | 52.68 3.28 -5.45 N | 52.40 -0.34 -57.15 N | 24.63 0.37 -19.40 N | 1.47 -0.05 -2.33 N | 18.20 1.48 0.00 N | 16.45 1.38 0.00 N | 27.78 2.29 -1.14 N | 35.45 1.16 -22.11 N | 36.72 3.16 0.00 N | 23.81 1.94 0.00 N | 22.09 1.83 0.00 N | 34.44 2.30 -6.77 N | 21.69 1.67 -1.10 N | 38.79 2.97 0.00 N | 41.21 3.16 0.00 N | 38.57 2.99 0.00 N | 42.39 3.01 -2.36 N | 37.58 2.87 0.00 N | 31.48 2.40 0.00 N | 24.96 1.82 0.00 N | 44.00 3.18 -0.57 N |
| NEG NORTH_FLCN_SEA 23793 | 26.94 -4.01 0.16 N | 3.50 -0.78 0.00 N | -0.02 0.00 0.00 N | 34.48 -9.19 0.28 N | -6.40 0.92 2.91 N | 2.82 -1.05 0.99 N | -0.78 0.14 0.12 N | 12.72 -4.00 0.00 N | 11.47 -3.59 0.00 N | 18.72 -5.57 0.06 N | 8.59 -2.54 1.05 N | 27.03 -6.53 0.00 N | 17.87 -3.99 0.00 N | 16.17 -4.09 0.00 N | 20.16 -4.86 0.35 N | 15.10 -3.77 0.06 N | 28.85 -6.97 0.00 N | 30.38 -7.67 0.00 N | 28.20 -7.39 0.00 N | 29.19 -7.70 0.12 N | 28.07 -6.64 0.00 N | 23.62 -5.46 0.00 N | 19.33 -3.81 0.00 N | 30.99 -9.23 0.03 N |
| NEG NORTH_KES_CHATAGAY 23792 | 27.38 -3.58 0.15 N | 3.56 -0.71 0.00 N | -0.01 0.00 0.00 N | 35.17 -8.51 0.27 N | -6.38 0.86 2.83 N | 2.92 -0.97 0.96 N | -0.79 0.13 0.11 N | 12.96 -3.75 0.00 N | 11.70 -3.36 0.00 N | 19.09 -5.20 0.06 N | 8.80 -2.35 1.02 N | 27.60 -5.96 0.00 N | 18.27 -3.59 0.00 N | 16.50 -3.77 0.00 N | 20.51 -4.51 0.34 N | 15.37 -3.50 0.06 N | 29.36 -6.46 0.00 N | 30.90 -7.15 0.00 N | 28.70 -6.88 0.00 N | 29.70 -7.20 0.12 N | 28.60 -6.11 0.00 N | 24.05 -5.03 0.00 N | 19.69 -3.45 0.00 N | 31.59 -8.63 0.03 N |
| NEG NORTH___ALICE_FALLS 23915 | 27.12 -3.84 0.16 N | 3.52 -0.75 0.00 N | -0.02 0.00 0.00 N | 34.74 -8.94 0.28 N | -6.41 0.90 2.90 N | 2.85 -1.02 0.98 N | -0.78 0.14 0.12 N | 12.82 -3.89 0.00 N | 11.58 -3.49 0.00 N | 18.90 -5.39 0.06 N | 8.68 -2.45 1.04 N | 27.28 -6.28 0.00 N | 18.04 -3.82 0.00 N | 16.32 -3.94 0.00 N | 20.33 -4.69 0.35 N | 15.23 -3.64 0.06 N | 29.09 -6.72 0.00 N | 30.64 -7.41 0.00 N | 28.45 -7.13 0.00 N | 29.45 -7.44 0.12 N | 28.34 -6.38 0.00 N | 23.83 -5.25 0.00 N | 19.50 -3.64 0.00 N | 31.24 -8.98 0.03 N |
| NEG NORTH___LWR_SARANAC 23913 | 27.12 -3.84 0.16 N | 3.52 -0.75 0.00 N | -0.02 0.00 0.00 N | 34.74 -8.94 0.28 N | -6.41 0.90 2.90 N | 2.85 -1.02 0.98 N | -0.78 0.14 0.12 N | 12.82 -3.89 0.00 N | 11.58 -3.48 0.00 N | 18.90 -5.39 0.06 N | 8.68 -2.45 1.04 N | 27.28 -6.28 0.00 N | 18.04 -3.82 0.00 N | 16.32 -3.93 0.00 N | 20.33 -4.69 0.35 N | 15.23 -3.64 0.06 N | 29.09 -6.72 0.00 N | 30.64 -7.41 0.00 N | 28.45 -7.13 0.00 N | 29.45 -7.44 0.12 N | 28.34 -6.37 0.00 N | 23.83 -5.25 0.00 N | 19.50 -3.64 0.00 N | 31.26 -8.95 0.03 N |
| NEG NORTH___PLATTSBURG 23628 | 27.12 -3.84 0.16 N | 3.52 -0.75 0.00 N | -0.02 0.00 0.00 N | 34.74 -8.94 0.28 N | -6.41 0.90 2.90 N | 2.85 -1.02 0.98 N | -0.78 0.14 0.12 N | 12.82 -3.89 0.00 N | 11.58 -3.49 0.00 N | 18.90 -5.39 0.06 N | 8.68 -2.45 1.04 N | 27.28 -6.28 0.00 N | 18.04 -3.82 0.00 N | 16.32 -3.94 0.00 N | 20.33 -4.69 0.35 N | 15.23 -3.64 0.06 N | 29.09 -6.72 0.00 N | 30.64 -7.41 0.00 N | 28.45 -7.13 0.00 N | 29.45 -7.44 0.12 N | 28.34 -6.38 0.00 N | 23.83 -5.25 0.00 N | 19.50 -3.64 0.00 N | 31.24 -8.98 0.03 N |
| NEG WEST_LEA_LOCKPORT 23791 | 28.77 -2.73 -0.39 N | 3.97 -0.30 0.00 N | -0.07 -0.06 0.00 N | 42.29 -2.34 -0.68 N | 2.97 0.21 -7.17 N | 6.99 -0.30 -2.44 N | -0.49 0.02 -0.29 N | 15.84 -0.88 0.00 N | 13.96 -1.11 0.00 N | 22.27 -2.23 -0.15 N | 13.50 -1.25 -2.57 N | 30.22 -3.34 0.00 N | 19.76 -2.10 0.00 N | 18.10 -2.17 0.00 N | 23.20 -3.04 -0.87 N | 17.04 -2.03 -0.14 N | 31.99 -3.82 0.00 N | 33.97 -4.07 0.00 N | 31.71 -3.87 0.00 N | 33.29 -4.01 -0.30 N | 30.86 -3.85 0.00 N | 26.07 -3.01 0.00 N | 21.25 -1.89 0.00 N | 38.11 -2.21 -0.07 N |
| NEG WEST___LANCASTER 23811 | 29.37 -2.16 -0.42 N | 4.04 -0.23 0.00 N | -0.08 -0.06 0.00 N | 43.08 -1.61 -0.74 N | 3.50 0.15 -7.76 N | 7.26 -0.22 -2.64 N | -0.47 0.01 -0.32 N | 16.13 -0.58 0.00 N | 14.24 -0.82 0.00 N | 22.77 -1.74 -0.16 N | 13.95 -1.01 -2.78 N | 30.90 -2.66 0.00 N | 20.20 -1.66 0.00 N | 18.52 -1.74 0.00 N | 23.80 -2.51 -0.94 N | 17.44 -1.64 -0.15 N | 32.71 -3.11 0.00 N | 34.74 -3.31 0.00 N | 32.47 -3.11 0.00 N | 34.08 -3.26 -0.32 N | 31.60 -3.11 0.00 N | 26.67 -2.41 0.00 N | 21.67 -1.47 0.00 N | 38.80 -1.53 -0.08 N |
| NEG_PENN_ALLEGHNY 23528 | 32.48 0.36 -1.00 N | 4.33 0.06 0.00 N | -0.02 0.00 0.00 N | 46.88 1.18 -1.75 N | 13.87 -0.07 -18.35 N | 11.17 0.09 -6.23 N | -0.06 -0.01 -0.75 N | 17.19 0.47 0.00 N | 15.45 0.39 0.00 N | 25.22 0.49 -0.37 N | 19.04 0.21 -6.65 N | 34.14 0.58 0.00 N | 22.21 0.35 0.00 N | 20.60 0.34 0.00 N | 27.92 0.33 -2.22 N | 19.62 0.34 -0.36 N | 36.44 0.63 0.00 N | 38.75 0.70 0.00 N | 36.22 0.64 0.00 N | 38.38 0.60 -0.76 N | 35.28 0.57 0.00 N | 29.53 0.45 0.00 N | 23.40 0.26 0.00 N | 41.26 0.83 -0.18 N |
| NEG___GEN_MONROE 24207 | 29.71 -1.74 -0.34 N | 4.08 -0.19 0.00 N | -0.06 -0.04 0.00 N | 43.09 -1.46 -0.59 N | 1.93 0.13 -6.21 N | 6.77 -0.18 -2.11 N | -0.54 0.01 -0.25 N | 16.27 -0.44 0.00 N | 14.52 -0.54 0.00 N | 23.36 -1.12 -0.13 N | 13.77 -0.63 -2.23 N | 31.87 -1.69 0.00 N | 20.84 -1.02 0.00 N | 19.18 -1.08 0.00 N | 24.53 -1.59 -0.75 N | 18.02 -1.03 -0.12 N | 33.90 -1.92 0.00 N | 36.00 -2.05 0.00 N | 33.61 -1.97 0.00 N | 35.22 -2.05 -0.26 N | 32.77 -1.94 0.00 N | 27.55 -1.53 0.00 N | 22.16 -0.98 0.00 N | 39.10 -1.21 -0.06 N |
| NEPA___ENERGY 23901 | 30.50 -1.21 -0.60 N | 4.15 -0.12 0.00 N | -0.04 -0.02 0.00 N | 45.68 0.67 -1.06 N | 6.74 0.06 -11.08 N | 8.56 -0.05 -3.76 N | -0.33 0.02 -0.45 N | 16.89 0.17 0.00 N | 15.01 -0.05 0.00 N | 23.97 -0.60 -0.22 N | 15.71 -0.44 -3.98 N | 32.31 -1.25 0.00 N | 20.97 -0.89 0.00 N | 19.50 -0.76 0.00 N | 25.49 -1.22 -1.34 N | 18.50 -0.64 -0.22 N | 34.56 -1.25 0.00 N | 36.81 -1.24 0.00 N | 34.39 -1.20 0.00 N | 35.90 -1.58 -0.46 N | 33.27 -1.44 0.00 N | 27.85 -1.24 0.00 N | 22.07 -1.07 0.00 N | 39.88 -0.48 -0.11 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 |
|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|---|
| NEVERSINK___HYD 23608 | 35.12 1.38 -2.63 N | 4.47 0.20 0.00 N | -0.01 0.00 0.00 N | 50.36 1.81 -4.60 N | 43.68 -0.19 -48.28 N | 21.45 0.20 -16.39 N | 1.14 -0.03 -1.97 N | 17.55 0.83 0.00 N | 16.08 1.02 0.00 N | 27.03 1.72 -0.95 N | 31.33 0.87 -18.28 N | 35.93 2.37 0.00 N | 23.31 1.45 0.00 N | 21.62 1.36 0.00 N | 32.74 1.70 -5.67 N | 21.10 1.25 -0.92 N | 38.08 2.26 0.00 N | 40.47 2.42 0.00 N | 37.82 2.24 0.00 N | 41.17 2.16 -1.99 N | 36.82 2.10 0.00 N | 30.82 1.74 0.00 N | 24.43 1.29 0.00 N | 43.01 2.28 -0.49 N | |
| NEWTON___FALLS_HYD 23847 | 28.65 -2.46 0.00 N | 3.81 -0.46 0.00 N | -0.01 0.00 0.00 N | 38.54 -5.41 0.00 N | -3.88 0.53 0.00 N | 4.26 -0.60 0.00 N | -0.72 0.08 0.00 N | 14.43 -2.29 0.00 N | 13.06 -2.00 0.00 N | 21.29 -3.07 0.00 N | 10.78 -1.39 0.00 N | 29.99 -3.57 0.00 N | 19.74 -2.12 0.00 N | 18.01 -2.25 0.00 N | 22.65 -2.72 0.00 N | 16.87 -2.06 0.00 N | 32.00 -3.81 0.00 N | 33.74 -4.31 0.00 N | 31.31 -4.27 0.00 N | 32.66 -4.36 0.00 N | 30.91 -3.80 0.00 N | 25.82 -3.26 0.00 N | 20.85 -2.29 0.00 N | 34.78 -5.46 0.00 N | |
| NIAGARA____ 23760 | 28.26 -3.24 -0.39 N | 3.90 -0.37 0.00 N | -0.07 -0.06 0.00 N | 41.57 -3.07 -0.69 N | 3.06 0.28 -7.19 N | 6.92 -0.37 -2.44 N | -0.48 0.03 -0.29 N | 15.55 -1.16 0.00 N | 13.68 -1.39 0.00 N | 21.82 -2.69 -0.15 N | 13.27 -1.49 -2.58 N | 29.57 -3.99 0.00 N | 19.35 -2.52 0.00 N | 17.70 -2.56 0.00 N | 22.73 -3.51 -0.87 N | 16.68 -2.39 -0.14 N | 31.34 -4.48 0.00 N | 33.24 -4.81 0.00 N | 31.02 -4.56 0.00 N | 32.56 -4.75 -0.30 N | 30.18 -4.54 0.00 N | 25.50 -3.58 0.00 N | 20.84 -2.30 0.00 N | 37.39 -2.93 -0.07 N | |
| NINE_MILE_1 23575 | 30.24 -1.05 -0.18 N | 4.13 -0.14 0.00 N | -0.02 -0.01 0.00 N | 42.94 -1.33 -0.32 N | -0.94 0.13 -3.35 N | 5.84 -0.15 -1.14 N | -0.65 0.02 -0.14 N | 16.20 -0.51 0.00 N | 14.58 -0.48 0.00 N | 23.61 -0.81 -0.07 N | 12.96 -0.42 -1.20 N | 32.41 -1.15 0.00 N | 21.18 -0.69 0.00 N | 19.60 -0.66 0.00 N | 24.91 -0.86 -0.40 N | 18.38 -0.62 -0.06 N | 34.66 -1.16 0.00 N | 36.83 -1.22 0.00 N | 34.44 -1.14 0.00 N | 35.96 -1.19 -0.14 N | 33.59 -1.13 0.00 N | 28.14 -0.94 0.00 N | 22.42 -0.73 0.00 N | 39.08 -1.20 -0.03 N | |
| NINE_MILE_2 23744 | 30.24 -1.05 -0.18 N | 4.14 -0.14 0.00 N | -0.02 0.00 0.00 N | 42.94 -1.33 -0.32 N | -0.95 0.13 -3.32 N | 5.83 -0.15 -1.13 N | -0.65 0.02 -0.14 N | 16.20 -0.51 0.00 N | 14.58 -0.48 0.00 N | 23.61 -0.81 -0.07 N | 12.95 -0.41 -1.19 N | 32.42 -1.14 0.00 N | 21.18 -0.68 0.00 N | 19.61 -0.65 0.00 N | 24.91 -0.86 -0.06 N | 18.38 -0.61 -0.06 N | 34.67 -1.15 0.00 N | 36.84 -1.21 0.00 N | 34.44 -1.14 0.00 N | 35.97 -1.19 -0.14 N | 33.60 -1.12 0.00 N | 28.15 -0.93 0.00 N | 22.42 -0.72 0.00 N | 39.08 -1.20 -0.03 N | |
| NM_CAPITAL___DRP 24208 | 35.76 0.76 -3.89 N | 4.38 0.11 0.00 N | 0.00 0.01 0.00 N | 51.91 1.16 -6.79 N | 66.79 -0.12 -71.31 N | 29.20 0.14 -24.21 N | 2.08 -0.02 -2.91 N | 17.17 0.45 0.00 N | 15.51 0.45 0.00 N | 26.61 0.80 -1.45 N | 38.33 0.40 -25.75 N | 34.65 1.10 0.00 N | 22.50 0.64 0.00 N | 20.87 0.61 0.00 N | 34.88 0.86 -8.65 N | 20.96 0.63 -1.40 N | 36.92 1.10 0.00 N | 39.20 1.15 0.00 N | 36.63 1.04 0.00 N | 41.17 1.20 -2.96 N | 35.76 1.04 0.00 N | 29.96 0.88 0.00 N | 23.85 0.71 0.00 N | 42.22 1.25 -0.72 N | |
| NM_CENTRAL___DRP 24181 | 30.85 -0.50 -0.23 N | 4.21 -0.06 0.00 N | -0.02 -0.01 0.00 N | 43.86 -0.50 -0.40 N | -0.12 0.05 -4.24 N | 6.23 -0.06 -1.44 N | -0.62 0.01 -0.17 N | 16.56 -0.16 0.00 N | 14.92 -0.15 0.00 N | 24.16 -0.28 -0.09 N | 13.55 -0.15 -1.52 N | 33.15 -0.40 0.00 N | 21.65 -0.21 0.00 N | 20.05 -0.21 0.00 N | 25.56 -0.32 -0.51 N | 18.82 -0.19 -0.08 N | 35.44 -0.37 0.00 N | 37.68 -0.36 0.00 N | 35.24 -0.34 0.00 N | 36.81 -0.37 -0.17 N | 34.38 -0.34 0.00 N | 28.79 -0.29 0.00 N | 22.88 -0.26 0.00 N | 39.90 -0.39 -0.04 N | |
| NM_FRONTIER___DRP 24179 | 28.36 -3.15 -0.40 N | 3.91 -0.36 0.00 N | -0.07 -0.06 0.00 N | 41.74 -2.91 -0.69 N | 3.13 0.26 -7.27 N | 6.96 -0.36 -2.47 N | -0.48 0.03 -0.30 N | 15.61 -1.10 0.00 N | 13.73 -1.34 0.00 N | 21.89 -2.61 -0.15 N | 13.33 -1.45 -2.61 N | 29.65 -3.91 0.00 N | 19.40 -2.46 0.00 N | 17.75 -2.52 0.00 N | 22.79 -3.46 -0.88 N | 16.73 -2.34 -0.14 N | 31.42 -4.39 0.00 N | 33.33 -4.72 0.00 N | 31.11 -4.47 0.00 N | 32.65 -4.66 -0.30 N | 30.25 -4.46 0.00 N | 25.57 -3.51 0.00 N | 20.91 -2.24 0.00 N | 37.54 -2.78 -0.07 N | |
| NM_ST_REGIS___HYD 24053 | 27.36 -3.64 0.11 N | 3.57 -0.70 0.00 N | -0.02 0.00 0.00 N | 35.47 -8.29 0.20 N | -5.64 0.83 2.06 N | 3.23 -0.92 0.70 N | -0.76 0.13 0.08 N | 13.07 -3.65 0.00 N | 11.82 -3.25 0.00 N | 19.33 -4.98 0.04 N | 9.17 -2.26 0.74 N | 27.82 -5.74 0.00 N | 18.44 -3.42 0.00 N | 16.66 -3.60 0.00 N | 20.81 -4.32 0.25 N | 15.57 -3.32 0.04 N | 29.69 -6.13 0.00 N | 31.17 -6.88 0.00 N | 28.89 -6.69 0.00 N | 30.16 -6.77 0.08 N | 28.90 -5.81 0.00 N | 24.22 -4.86 0.00 N | 19.88 -3.26 0.00 N | 32.12 -8.10 0.02 N | |
| NORTHPORT___1 23551 | 36.81 2.66 -3.04 N | 4.64 0.37 0.00 N | -0.04 -0.03 0.00 N | 52.26 2.98 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.33 -18.98 N | 1.43 -0.05 -2.28 N | 19.64 1.71 -1.22 N | 51.61 1.64 -34.91 N | 46.07 2.72 -18.99 N | 49.36 1.32 -35.87 N | 45.07 3.64 -7.87 N | 52.69 2.25 -28.59 N | 30.91 2.13 -8.52 N | 34.68 2.58 -6.73 N | 22.08 1.90 -1.26 N | 38.84 3.03 0.00 N | 41.18 3.13 0.00 N | 38.62 3.04 0.00 N | 42.49 3.16 -2.31 N | 37.87 3.16 0.00 N | 31.74 2.66 0.00 N | 25.11 1.97 0.00 N | 44.17 3.36 -0.56 N | |
| NORTHPORT___2 23552 | 36.81 2.66 -3.04 N | 4.64 0.37 0.00 N | -0.04 -0.03 0.00 N | 52.26 2.98 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.33 -18.98 N | 1.43 -0.05 -2.28 N | 19.64 1.71 -1.22 N | 51.61 1.64 -34.91 N | 46.07 2.72 -18.99 N | 49.36 1.32 -35.87 N | 45.07 3.64 -7.87 N | 52.69 2.25 -28.59 N | 30.91 2.13 -8.52 N | 34.68 2.58 -6.73 N | 22.08 1.90 -1.26 N | 38.84 3.03 0.00 N | 41.18 3.13 0.00 N | 38.62 3.04 0.00 N | 42.49 3.16 -2.31 N | 37.87 3.16 0.00 N | 31.74 2.66 0.00 N | 25.11 1.97 0.00 N | 44.17 3.36 -0.56 N | |
| NORTHPORT___3 23553 | 36.58 2.43 -3.04 N | 4.62 0.34 0.00 N | -0.04 -0.03 0.00 N | 51.93 2.65 -5.33 N | 51.23 -0.28 -55.92 N | 24.13 0.29 -18.98 N | 1.44 -0.04 -2.28 N | 19.57 1.64 -1.22 N | 51.50 1.54 -34.91 N | 45.92 2.57 -18.99 N | 49.31 1.27 -35.87 N | 44.92 3.49 -7.87 N | 52.60 2.15 -28.59 N | 30.81 2.04 -8.52 N | 34.57 2.47 -6.73 N | 22.01 1.83 -1.26 N | 38.66 2.85 0.00 N | 40.98 2.93 0.00 N | 38.60 3.02 0.00 N | 42.44 3.12 -2.31 N | 37.82 3.11 0.00 N | 31.68 2.61 0.00 N | 25.07 1.93 0.00 N | 44.16 3.34 -0.56 N | |
| NORTHPORT___4 23650 | 36.58 2.43 -3.04 N | 4.62 0.34 0.00 N | -0.04 -0.03 0.00 N | 51.93 2.65 -5.33 N | 51.23 -0.28 -55.92 N | 24.13 0.29 -18.98 N | 1.44 -0.04 -2.28 N | 19.57 1.64 -1.22 N | 51.50 1.54 -34.91 N | 45.92 2.57 -18.99 N | 49.31 1.27 -35.87 N | 44.92 3.49 -7.87 N | 52.60 2.15 -28.59 N | 30.81 2.04 -8.52 N | 34.57 2.47 -6.73 N | 22.01 1.83 -1.26 N | 38.66 2.85 0.00 N | 40.98 2.93 0.00 N | 38.60 3.02 0.00 N | 42.44 3.12 -2.31 N | 37.82 3.11 0.00 N | 31.68 2.61 0.00 N | 25.07 1.93 0.00 N | 44.16 3.34 -0.56 N | |
| NORTHPORT___IC | 36.81 | 4.64 | -0.04 | 52.26 | 51.19 | 24.17 | 1.43 | 19.64 | 51.61 | 46.07 | 49.36 | 45.07 | 52.69 | 30.91 | 34.68 | 22.08 | 38.84 | 41.18 | 38.62 | 42.49 | 37.87 | 31.74 | 25.11 | 44.17 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-----------------------------|---------------------------|-----------------------------|-----------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 23718 | 2.66 -3.04 N | 0.37 0.00 N | -0.03 0.00 N | 2.98 -5.33 N | -0.32 -55.92 N | 0.33 -18.98 N | -0.05 -2.28 N | 1.71 -1.22 N | 1.64 -34.91 N | 2.72 -18.99 N | 1.32 -35.87 N | 3.64 -7.87 N | 2.25 -28.59 N | 2.13 -8.52 N | 2.58 -6.73 N | 1.90 -1.26 N | 3.03 0.00 N | 3.13 0.00 N | 3.04 0.00 N | 3.16 -2.31 N | 3.16 0.00 N | 2.66 0.00 N | 1.97 0.00 N | 3.36 -0.56 N |
| NPX_GEN_1385_PROXY 323591 | 36.85 2.70 -3.04 N | 4.65 0.38 0.00 N | -0.04 -0.03 0.00 N | 52.35 3.07 -5.33 N | 51.18 -0.33 -55.92 N | 24.18 0.34 -18.98 N | 1.43 -0.05 -2.28 N | 19.68 1.74 -1.22 N | 51.63 1.66 -34.91 N | 46.11 2.76 -18.99 N | 49.39 1.35 -35.87 N | 45.13 3.70 -7.87 N | 52.74 2.29 -28.59 N | 30.94 2.17 -8.52 N | 34.73 2.63 -6.73 N | 42.04 3.10 -10.63 N | 38.90 3.09 0.00 N | 41.25 3.20 0.00 N | 38.68 3.10 0.00 N | 42.54 3.22 -2.31 N | 37.94 3.22 0.00 N | 31.79 2.71 0.00 N | 25.16 2.02 0.00 N | 44.25 3.44 -0.56 N |
| NPX_GEN_CSC 323557 | 36.87 2.72 -3.04 N | 4.67 0.39 0.00 N | -0.04 -0.02 0.00 N | 52.48 3.20 -5.33 N | 51.16 -0.35 -55.92 N | 24.19 0.36 -18.98 N | 1.44 -0.04 -2.28 N | 19.48 1.54 -1.22 N | 51.54 1.57 -34.91 N | 46.00 2.65 -18.99 N | 49.32 1.28 -35.87 N | 44.93 3.51 -7.87 N | 52.69 2.24 -28.59 N | 30.85 2.07 -8.52 N | 34.58 2.48 -6.73 N | 41.92 2.98 -10.63 N | 38.81 2.99 0.00 N | 41.17 3.12 0.00 N | 38.62 3.04 0.00 N | 42.53 3.20 -2.31 N | 38.00 3.29 0.00 N | 31.76 2.69 0.00 N | 25.09 1.95 0.00 N | 44.46 3.64 -0.56 N |
| NSINS_S_GLNS_FALLS 23858 | 37.11 2.03 -3.97 N | 4.53 0.25 0.00 N | -0.01 0.00 0.00 N | 53.14 2.26 -6.93 N | 68.02 -0.26 -72.69 N | 29.81 0.28 -24.68 N | 2.12 -0.04 -2.96 N | 17.47 0.75 0.00 N | 15.84 0.78 0.00 N | 27.17 1.33 -1.48 N | 39.10 0.57 -26.36 N | 35.09 1.53 0.00 N | 22.62 0.76 0.00 N | 20.97 0.71 0.00 N | 35.26 1.08 -8.81 N | 21.15 0.79 -1.43 N | 37.37 1.56 0.00 N | 39.71 1.66 0.00 N | 37.04 1.45 0.00 N | 41.79 1.77 -3.01 N | 36.16 1.45 0.00 N | 30.44 1.35 0.00 N | 24.28 1.14 0.00 N | 43.20 2.22 -0.73 N |
| NUCOR_STEEL___DRP 24197 | 31.82 0.36 -0.35 N | 4.33 0.05 0.00 N | -0.04 -0.02 0.00 N | 45.31 0.75 -0.61 N | 1.88 -0.08 -6.36 N | 7.10 0.09 -2.16 N | -0.56 -0.02 -0.26 N | 17.15 0.43 0.00 N | 15.47 0.41 0.00 N | 25.03 0.55 -0.13 N | 14.70 0.24 -2.28 N | 34.21 0.66 0.00 N | 22.35 0.49 0.00 N | 20.67 0.41 0.00 N | 26.52 0.38 -0.77 N | 19.43 0.38 -0.12 N | 36.50 0.69 0.00 N | 38.92 0.87 0.00 N | 36.41 0.83 0.00 N | 38.12 0.84 -0.26 N | 35.51 0.80 0.00 N | 29.75 0.67 0.00 N | 23.60 0.46 0.00 N | 41.21 0.90 -0.06 N |
| NYISO_LBMP_REFERENCE 24008 | 31.11 0.00 0.00 N | 4.27 0.00 0.00 N | -0.01 0.00 0.00 N | 43.95 0.00 0.00 N | -4.41 0.00 0.00 N | 4.85 0.00 0.00 N | -0.80 0.00 0.00 N | 16.72 0.00 0.00 N | 15.06 0.00 0.00 N | 24.35 0.00 0.00 N | 12.17 0.00 0.00 N | 33.56 0.00 0.00 N | 21.86 0.00 0.00 N | 20.26 0.00 0.00 N | 25.37 0.00 0.00 N | 18.93 0.00 0.00 N | 35.82 0.00 0.00 N | 38.05 0.00 0.00 N | 35.58 0.00 0.00 N | 37.01 0.00 0.00 N | 34.71 0.00 0.00 N | 29.08 0.00 0.00 N | 23.14 0.00 0.00 N | 40.25 0.00 0.00 N |
| NYPA_BRENTWD____GT 24164 | 36.98 2.83 -3.04 N | 4.67 0.40 0.00 N | -0.03 -0.02 0.00 N | 52.50 3.22 -5.33 N | 51.17 -0.34 -55.92 N | 24.19 0.35 -18.98 N | 1.43 -0.05 -2.28 N | 19.74 1.81 -1.22 N | 51.72 1.75 -34.91 N | 46.12 2.77 -18.99 N | 49.40 1.36 -35.87 N | 45.17 3.75 -7.87 N | 52.78 2.33 -28.59 N | 30.97 2.19 -8.52 N | 34.75 2.65 -6.73 N | 22.13 1.94 -1.26 N | 38.98 3.17 0.00 N | 41.53 3.48 0.00 N | 38.95 3.37 0.00 N | 42.84 3.51 -2.31 N | 38.24 3.53 0.00 N | 32.04 2.96 0.00 N | 25.33 2.19 0.00 N | 44.54 3.73 -0.56 N |
| NYPA_GOWANUS____GT5 24156 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| NYPA_GOWANUS____GT6 24157 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |
| NYPA_HARLEM__RVR__GT1 24160 | 36.81 2.66 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.74 3.46 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.30 1.59 0.00 N | 16.56 1.49 0.00 N | 27.91 2.44 -1.12 N | 35.28 1.21 -21.90 N | 36.88 3.32 0.00 N | 23.93 2.06 -0.01 N | 22.21 1.95 0.00 N | 34.42 2.41 -6.64 N | 21.75 1.74 -1.07 N | 38.92 3.10 0.00 N | 41.33 3.28 0.00 N | 38.70 3.11 0.00 N | 42.46 3.14 -2.31 N | 37.72 3.01 0.00 N | 31.60 2.52 0.00 N | 25.03 1.89 0.00 N | 44.16 3.35 -0.56 N |
| NYPA_HARLEM__RVR__GT2 24161 | 36.81 2.66 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.74 3.46 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.30 1.59 0.00 N | 16.56 1.49 0.00 N | 27.91 2.44 -1.12 N | 35.28 1.21 -21.90 N | 36.88 3.32 0.00 N | 23.93 2.06 -0.01 N | 22.21 1.95 0.00 N | 34.42 2.41 -6.64 N | 21.75 1.74 -1.07 N | 38.92 3.10 0.00 N | 41.33 3.28 0.00 N | 38.70 3.11 0.00 N | 42.46 3.14 -2.31 N | 37.72 3.01 0.00 N | 31.60 2.52 0.00 N | 25.03 1.89 0.00 N | 44.16 3.35 -0.56 N |
| NYPA_KENT____GT 24152 | 37.01 2.86 -3.04 N | 4.65 0.38 0.00 N | 0.00 0.01 0.00 N | 52.90 3.62 -5.33 N | 51.14 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.35 1.63 0.00 N | 16.59 1.53 0.00 N | 28.03 2.56 -1.12 N | 35.40 1.32 -21.91 N | 37.12 3.56 0.00 N | 25.61 2.21 -1.53 N | 34.60 2.06 -12.27 N | 38.21 2.59 -10.25 N | 30.37 1.88 -9.57 N | 39.91 3.34 -0.76 N | 41.58 3.53 0.00 N | 38.94 3.36 0.00 N | 42.71 3.38 -2.31 N | 37.93 3.21 0.00 N | 31.78 2.69 0.00 N | 25.18 2.04 0.00 N | 44.38 3.57 -0.56 N |
| NYPA_POUCH1____GT 24155 | 37.05 2.90 -3.04 N | 4.65 0.38 0.00 N | 0.00 0.02 0.00 N | 52.89 3.61 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.61 0.00 N | 16.57 1.50 0.00 N | 28.01 2.54 -1.12 N | 35.39 1.30 -21.92 N | 37.08 3.51 -0.01 N | 24.03 2.16 -0.01 N | 22.26 2.00 0.00 N | 34.56 2.55 -6.64 N | 21.84 1.84 -1.07 N | 39.10 3.28 0.00 N | 41.48 3.43 0.00 N | 38.87 3.29 0.00 N | 42.66 3.33 -2.32 N | 37.84 3.13 0.00 N | 31.72 2.64 -0.01 N | 27.99 2.05 -2.80 N | 44.43 3.61 -0.57 N |
| NYPA_VERNON____GT2 24162 | 36.93 2.78 -3.04 N | 4.65 0.37 0.00 N | -0.01 0.01 0.00 N | 52.81 3.54 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.62 0.00 N | 16.58 1.52 0.00 N | 28.00 2.53 -1.12 N | 35.37 1.29 -21.91 N | 37.05 3.49 0.00 N | 25.57 2.18 -1.53 N | 34.57 2.03 -12.27 N | 38.16 2.54 -10.25 N | 30.33 1.84 -9.57 N | 39.85 3.28 -0.76 N | 41.52 3.46 0.00 N | 38.87 3.29 0.00 N | 42.63 3.30 -2.31 N | 37.86 3.15 0.00 N | 31.72 2.64 0.00 N | 25.13 1.99 0.00 N | 44.29 3.48 -0.56 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| NYPA_VERNON____GT3 24163 | 36.93 2.78 -3.04 N | 4.65 0.37 0.00 N | -0.01 0.01 0.00 N | 52.81 3.54 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.62 0.00 N | 16.58 1.52 0.00 N | 28.00 2.53 -1.12 N | 35.37 1.29 -21.91 N | 37.05 3.49 0.00 N | 25.57 2.18 -1.53 N | 34.57 2.03 -12.27 N | 38.16 2.54 -10.25 N | 30.33 1.84 -9.57 N | 39.85 3.28 -0.76 N | 41.52 3.46 0.00 N | 38.87 3.29 0.00 N | 42.63 3.30 -2.31 N | 37.86 3.15 0.00 N | 31.72 2.64 0.00 N | 25.13 1.99 0.00 N | 44.29 3.48 -0.56 N |
| NYPA____ASTORIA_CC1 323568 | 36.91 2.76 -3.04 N | 4.65 0.37 0.00 N | 0.00 0.01 0.00 N | 52.81 3.53 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.61 0.00 N | 16.58 1.51 0.00 N | 27.98 2.51 -1.12 N | 35.35 1.28 -21.90 N | 37.03 3.47 0.00 N | 24.04 2.17 -0.01 N | 22.28 2.02 0.00 N | 34.52 2.52 -6.64 N | 21.82 1.82 -1.07 N | 39.07 3.25 0.00 N | 41.49 3.44 0.00 N | 38.85 3.26 0.00 N | 42.59 3.27 -2.31 N | 37.84 3.12 0.00 N | 31.70 2.62 0.00 N | 25.11 1.97 0.00 N | 44.25 3.44 -0.56 N |
| NYPA____ASTORIA_CC2 323569 | 36.91 2.76 -3.04 N | 4.65 0.37 0.00 N | 0.00 0.01 0.00 N | 52.81 3.53 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.61 0.00 N | 16.58 1.51 0.00 N | 27.98 2.51 -1.12 N | 35.35 1.28 -21.90 N | 37.03 3.47 0.00 N | 24.04 2.17 -0.01 N | 22.28 2.02 0.00 N | 34.52 2.52 -6.64 N | 21.82 1.82 -1.07 N | 39.07 3.25 0.00 N | 41.49 3.44 0.00 N | 38.85 3.26 0.00 N | 42.59 3.27 -2.31 N | 37.84 3.12 0.00 N | 31.70 2.62 0.00 N | 25.11 1.97 0.00 N | 44.25 3.44 -0.56 N |
| NYPA____HOLTSVILL 23794 | 36.89 2.74 -3.04 N | 4.66 0.39 0.00 N | -0.03 -0.02 0.00 N | 52.39 3.11 -5.33 N | 51.18 -0.34 -55.92 N | 24.18 0.35 -18.98 N | 1.43 -0.04 -2.28 N | 19.65 1.71 -1.22 N | 51.65 1.68 -34.91 N | 46.15 2.81 -18.99 N | 49.40 1.36 -35.87 N | 45.16 3.74 -7.87 N | 52.80 2.35 -28.59 N | 30.97 2.20 -8.52 N | 34.75 2.65 -6.73 N | 22.13 1.94 -1.26 N | 39.01 3.19 0.00 N | 41.37 3.32 0.00 N | 38.80 3.22 0.00 N | 42.70 3.38 -2.31 N | 38.12 3.41 0.00 N | 31.90 2.82 0.00 N | 25.22 2.08 0.00 N | 44.42 3.61 -0.56 N |
| NYPA____HELLGATE_GT1 24158 | 36.81 2.66 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.74 3.46 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.30 1.59 0.00 N | 16.56 1.49 0.00 N | 27.91 2.44 -1.12 N | 35.28 1.21 -21.90 N | 36.88 3.32 0.00 N | 23.93 2.06 -0.01 N | 22.21 1.95 0.00 N | 34.42 2.41 -6.64 N | 21.75 1.74 -1.07 N | 38.92 3.10 0.00 N | 41.33 3.28 0.00 N | 38.70 3.11 0.00 N | 42.46 3.14 -2.31 N | 37.72 3.01 0.00 N | 31.60 2.52 0.00 N | 25.03 1.89 0.00 N | 44.16 3.35 -0.56 N |
| NYPA____HELLGATE_GT2 24159 | 36.81 2.66 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.74 3.46 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.30 1.59 0.00 N | 16.56 1.49 0.00 N | 27.91 2.44 -1.12 N | 35.28 1.21 -21.90 N | 36.88 3.32 0.00 N | 23.93 2.06 -0.01 N | 22.21 1.95 0.00 N | 34.42 2.41 -6.64 N | 21.75 1.74 -1.07 N | 38.92 3.10 0.00 N | 41.33 3.28 0.00 N | 38.70 3.11 0.00 N | 42.46 3.14 -2.31 N | 37.72 3.01 0.00 N | 31.60 2.52 0.00 N | 25.03 1.89 0.00 N | 44.16 3.35 -0.56 N |
| NYS_BARGE____HYD 23848 | 28.86 -2.63 -0.39 N | 3.98 -0.29 0.00 N | -0.07 -0.06 0.00 N | 42.38 -2.25 -0.68 N | 2.90 0.20 -7.10 N | 6.98 -0.29 -2.41 N | -0.49 0.02 -0.29 N | 15.89 -0.82 0.00 N | 14.01 -1.06 0.00 N | 22.36 -2.13 -0.14 N | 13.52 -1.20 -2.55 N | 30.35 -3.21 0.00 N | 19.84 -2.02 0.00 N | 18.17 -2.09 0.00 N | 23.29 -2.94 -0.86 N | 17.10 -1.96 -0.14 N | 32.13 -3.68 0.00 N | 34.11 -3.93 0.00 N | 31.85 -3.73 0.00 N | 33.43 -3.88 -0.29 N | 31.00 -3.72 0.00 N | 26.18 -2.90 0.00 N | 21.33 -1.81 0.00 N | 38.22 -2.09 -0.07 N |
| O.H_GEN_BRUCE 24063 | 28.25 -3.24 -0.38 N | 3.90 -0.37 0.00 N | -0.08 -0.06 0.00 N | 41.55 -3.07 -0.67 N | 2.90 0.28 -7.03 N | 6.86 -0.38 -2.39 N | -0.48 0.03 -0.29 N | 15.55 -1.16 0.00 N | 13.69 -1.38 0.00 N | 21.84 -2.66 -0.14 N | 13.23 -1.47 -2.52 N | 29.61 -3.95 0.00 N | 19.38 -2.49 0.00 N | 17.74 -2.53 0.00 N | 22.74 -3.48 -0.85 N | 26.00 -3.76 -1.45 N | 31.39 -4.43 0.00 N | 33.29 -4.76 0.00 N | 31.06 -4.53 0.00 N | 32.60 -4.71 -0.29 N | 30.21 -4.50 0.00 N | 25.53 -3.55 0.00 N | 20.85 -2.29 0.00 N | 37.38 -2.94 -0.07 N |
| OAK ORCHARD____HYD 24046 | 29.54 -1.90 -0.33 N | 4.06 -0.22 0.00 N | -0.05 -0.04 0.00 N | 42.77 -1.76 -0.57 N | 1.76 0.16 -6.01 N | 6.68 -0.21 -2.04 N | -0.54 0.02 -0.24 N | 16.14 -0.58 0.00 N | 14.42 -0.65 0.00 N | 23.22 -1.26 -0.12 N | 13.64 -0.69 -2.16 N | 31.69 -1.87 0.00 N | 20.74 -1.12 0.00 N | 19.10 -1.16 0.00 N | 24.44 -1.65 -0.73 N | 17.96 -1.09 -0.12 N | 33.79 -2.03 0.00 N | 35.86 -2.19 0.00 N | 33.48 -2.10 0.00 N | 35.07 -2.19 -0.25 N | 32.65 -2.07 0.00 N | 27.43 -1.65 0.00 N | 22.03 -1.11 0.00 N | 38.81 -1.50 -0.06 N |
| OCC_CHEM____DRP 24175 | 28.40 -3.11 -0.40 N | 3.93 -0.35 0.00 N | -0.07 -0.06 0.00 N | 41.80 -2.85 -0.69 N | 3.13 0.26 -7.28 N | 6.97 -0.35 -2.47 N | -0.48 0.03 -0.30 N | 15.64 -1.07 0.00 N | 13.75 -1.31 0.00 N | 21.92 -2.58 -0.15 N | 13.35 -1.44 -2.61 N | 29.71 -3.85 0.00 N | 19.43 -2.43 0.00 N | 17.78 -2.48 0.00 N | 22.83 -3.42 -0.88 N | 16.75 -2.32 -0.14 N | 31.48 -4.34 0.00 N | 33.39 -4.66 0.00 N | 31.16 -4.42 0.00 N | 32.71 -4.60 -0.30 N | 30.31 -4.40 0.00 N | 25.62 -3.47 0.00 N | 20.94 -2.20 0.00 N | 37.59 -2.73 -0.07 N |
| OLIN_CORP_DRP 24177 | 28.52 -3.00 -0.40 N | 3.94 -0.34 0.00 N | -0.07 -0.06 0.00 N | 41.96 -2.69 -0.70 N | 3.19 0.24 -7.36 N | 7.01 -0.34 -2.50 N | -0.48 0.03 -0.30 N | 15.70 -1.02 0.00 N | 13.81 -1.25 0.00 N | 22.02 -2.48 -0.15 N | 13.43 -1.38 -2.64 N | 29.85 -3.71 0.00 N | 19.52 -2.34 0.00 N | 17.87 -2.39 0.00 N | 22.95 -3.31 -0.89 N | 16.83 -2.24 -0.14 N | 31.60 -4.21 0.00 N | 33.54 -4.51 0.00 N | 31.31 -4.28 0.00 N | 32.87 -4.44 -0.30 N | 30.46 -4.25 0.00 N | 25.74 -3.34 0.00 N | 21.03 -2.12 0.00 N | 37.75 -2.58 -0.07 N |
| ONONDAGA_REF_OCCRA 23987 | 31.09 -0.29 -0.27 N | 4.24 -0.04 0.00 N | -0.02 -0.01 0.00 N | 44.17 -0.25 -0.47 N | 0.52 0.03 -4.90 N | 6.48 -0.04 -1.66 N | -0.60 0.00 -0.20 N | 16.66 -0.05 0.00 N | 15.02 -0.05 0.00 N | 24.34 -0.11 -0.10 N | 13.87 -0.06 -1.76 N | 33.39 -0.17 0.00 N | 21.80 -0.06 0.00 N | 20.19 -0.07 0.00 N | 25.82 -0.14 -0.59 N | 18.97 -0.06 -0.10 N | 35.71 -0.10 0.00 N | 37.98 -0.07 0.00 N | 35.55 -0.03 0.00 N | 37.17 -0.05 -0.20 N | 34.66 -0.05 0.00 N | 29.03 -0.05 0.00 N | 23.04 -0.10 0.00 N | 40.15 -0.15 -0.05 N |
| ONONDAGA____COGEN 23986 | 31.03 -0.36 -0.28 N | 4.23 -0.04 0.00 N | -0.02 -0.01 0.00 N | 44.12 -0.32 -0.48 N | 0.70 0.03 -5.08 N | 6.54 -0.04 -1.72 N | -0.59 0.00 -0.21 N | 16.63 -0.09 0.00 N | 14.96 -0.11 0.00 N | 24.25 -0.21 -0.10 N | 13.88 -0.11 -1.82 N | 33.24 -0.32 0.00 N | 21.70 -0.16 0.00 N | 20.08 -0.18 0.00 N | 25.71 -0.28 -0.61 N | 18.86 -0.17 -0.10 N | 35.51 -0.30 0.00 N | 37.82 -0.23 0.00 N | 35.45 -0.13 0.00 N | 37.05 -0.17 -0.21 N | 34.56 -0.15 0.00 N | 28.94 -0.14 0.00 N | 22.99 -0.15 0.00 N | 40.07 -0.23 -0.05 N |
| ONTARIO____LFGE 23819 | 31.24 -0.27 -0.39 N | 4.25 -0.02 0.00 N | -0.05 -0.03 0.00 N | 44.90 0.26 -0.68 N | 2.76 0.00 -7.17 N | 7.28 -0.01 -2.44 N | -0.51 0.00 -0.29 N | 16.93 0.21 0.00 N | 15.19 0.13 0.00 N | 24.51 0.01 -0.15 N | 14.71 -0.04 -2.57 N | 33.49 -0.07 0.00 N | 21.86 -0.01 0.00 N | 20.21 -0.05 0.00 N | 26.00 -0.24 -0.87 N | 19.03 -0.04 -0.14 N | 35.76 -0.06 0.00 N | 38.07 0.02 0.00 N | 35.56 -0.02 0.00 N | 37.22 -0.09 -0.30 N | 34.64 -0.08 0.00 N | 29.03 -0.05 0.00 N | 23.09 -0.05 0.00 N | 40.66 0.34 -0.07 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 |
|---------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|---|
| OSWEGATCHIE___HYD 24044 | 28.65 -2.46 0.00 N | 3.81 -0.46 0.00 N | -0.01 0.00 0.00 N | 38.54 -5.41 0.00 N | -3.88 0.53 0.00 N | 4.26 -0.60 0.00 N | -0.72 0.08 0.00 N | 14.43 -2.29 0.00 N | 13.06 -2.00 0.00 N | 21.29 -3.07 0.00 N | 10.78 -1.39 0.00 N | 29.99 -3.57 0.00 N | 19.74 -2.12 0.00 N | 18.01 -2.25 0.00 N | 22.65 -2.72 0.00 N | 16.87 -2.06 0.00 N | 32.00 -3.81 0.00 N | 33.74 -4.31 0.00 N | 31.31 -4.27 0.00 N | 32.66 -4.36 0.00 N | 30.91 -3.80 0.00 N | 25.82 -3.26 0.00 N | 20.85 -2.29 0.00 N | 34.78 -5.46 0.00 N | |
| OSWEGO___5 23606 | 30.48 -0.84 -0.21 N | 4.16 -0.11 0.00 N | -0.02 0.00 0.00 N | 43.30 -1.02 -0.37 N | -0.45 0.10 -3.86 N | 6.05 -0.12 -1.31 N | -0.63 0.02 -0.16 N | 16.33 -0.38 0.00 N | 14.70 -0.36 0.00 N | 23.80 -0.64 -0.08 N | 13.23 -0.33 -1.39 N | 32.67 -0.89 0.00 N | 21.34 -0.53 0.00 N | 19.75 -0.51 0.00 N | 25.15 -0.68 -0.47 N | 18.53 -0.48 -0.08 N | 34.92 -0.89 0.00 N | 37.11 -0.94 0.00 N | 34.70 -0.89 0.00 N | 36.25 -0.93 -0.16 N | 33.84 -0.87 0.00 N | 28.35 -0.73 0.00 N | 22.58 -0.57 0.00 N | 39.37 -0.92 -0.04 N | |
| OSWEGO___6 23613 | 30.48 -0.84 -0.21 N | 4.16 -0.11 0.00 N | -0.02 0.00 0.00 N | 43.30 -1.02 -0.37 N | -0.45 0.10 -3.86 N | 6.05 -0.12 -1.31 N | -0.63 0.02 -0.16 N | 16.33 -0.38 0.00 N | 14.70 -0.36 0.00 N | 23.80 -0.64 -0.08 N | 13.23 -0.33 -1.39 N | 32.67 -0.89 0.00 N | 21.34 -0.53 0.00 N | 19.75 -0.51 0.00 N | 25.15 -0.68 -0.47 N | 18.53 -0.48 -0.08 N | 34.92 -0.89 0.00 N | 37.11 -0.94 0.00 N | 34.70 -0.89 0.00 N | 36.25 -0.93 -0.16 N | 33.84 -0.87 0.00 N | 28.35 -0.73 0.00 N | 22.58 -0.57 0.00 N | 39.37 -0.92 -0.04 N | |
| OUTOKUMPU-AB___DRP 24206 | 29.17 -2.35 -0.40 N | 4.02 -0.25 0.00 N | -0.07 -0.06 0.00 N | 42.81 -1.85 -0.71 N | 3.16 0.16 -7.40 N | 7.12 -0.25 -2.51 N | -0.49 0.02 -0.30 N | 16.04 -0.68 0.00 N | 14.14 -0.92 0.00 N | 22.59 -1.91 -0.15 N | 13.74 -1.09 -2.66 N | 30.66 -2.90 0.00 N | 20.05 -1.81 0.00 N | 18.36 -1.90 0.00 N | 23.57 -2.70 -0.89 N | 17.29 -1.78 -0.14 N | 32.45 -3.36 0.00 N | 34.44 -3.61 0.00 N | 32.15 -3.44 0.00 N | 33.73 -3.59 -0.31 N | 31.28 -3.44 0.00 N | 26.41 -2.67 0.00 N | 21.50 -1.64 0.00 N | 38.52 -1.81 -0.07 N | |
| OXBOW___ 24026 | 28.91 -2.60 -0.40 N | 3.99 -0.28 0.00 N | -0.07 -0.06 0.00 N | 42.46 -2.19 -0.70 N | 3.13 0.19 -7.35 N | 7.06 -0.28 -2.49 N | -0.49 0.02 -0.30 N | 15.90 -0.81 0.00 N | 14.01 -1.05 0.00 N | 22.37 -2.13 -0.15 N | 13.61 -1.20 -2.64 N | 30.35 -3.21 0.00 N | 19.85 -2.01 0.00 N | 18.17 -2.09 0.00 N | 23.32 -2.93 -0.89 N | 17.11 -1.96 -0.14 N | 32.13 -3.69 0.00 N | 34.10 -3.95 0.00 N | 31.86 -3.73 0.00 N | 33.41 -3.91 -0.30 N | 30.96 -3.75 0.00 N | 26.15 -2.93 0.00 N | 21.32 -1.82 0.00 N | 38.23 -2.09 -0.07 N | |
| PEEKSKILL___ 23653 | 36.46 2.33 -3.02 N | 4.59 0.32 0.00 N | 0.00 0.01 0.00 N | 52.26 3.02 -5.28 N | 50.74 -0.31 -55.46 N | 24.02 0.34 -18.83 N | 1.41 -0.05 -2.26 N | 18.08 1.36 0.00 N | 16.32 1.26 0.00 N | 27.55 2.09 -1.11 N | 34.91 1.07 -21.68 N | 36.45 2.89 0.00 N | 23.61 1.75 0.00 N | 21.91 1.65 0.00 N | 34.04 2.09 -6.58 N | 21.49 1.50 -1.07 N | 38.47 2.66 0.00 N | 40.90 2.85 0.00 N | 38.30 2.72 0.00 N | 42.03 2.73 -2.30 N | 37.34 2.62 0.00 N | 31.28 2.20 0.00 N | 24.79 1.65 0.00 N | 43.66 2.85 -0.56 N | |
| PGE MADISON___WINDPWR 24146 | 33.73 1.74 -0.87 N | 4.50 0.23 0.00 N | -0.09 -0.07 0.00 N | 47.82 2.35 -1.52 N | 11.37 -0.21 -15.99 N | 10.49 0.21 -5.43 N | -0.20 -0.05 -0.65 N | 17.71 1.00 0.00 N | 15.92 0.86 0.00 N | 25.99 1.31 -0.32 N | 18.61 0.64 -5.80 N | 35.30 1.74 0.00 N | 22.96 1.10 0.00 N | 21.20 0.94 0.00 N | 28.39 1.09 -1.93 N | 20.25 1.01 -0.31 N | 38.06 2.25 0.00 N | 40.59 2.54 0.00 N | 38.03 2.45 0.00 N | 40.76 3.08 -0.66 N | 37.60 2.89 0.00 N | 31.35 2.27 0.00 N | 24.56 1.42 0.00 N | 42.44 2.03 -0.16 N | |
| PIERCEFIELD___HYD 23852 | 27.33 -3.68 0.11 N | 3.57 -0.70 0.00 N | -0.01 0.00 0.00 N | 35.52 -8.25 0.19 N | -5.54 0.82 1.95 N | 3.27 -0.92 0.66 N | -0.76 0.13 0.08 N | 13.09 -3.63 0.00 N | 11.84 -3.22 0.00 N | 19.36 -4.96 0.04 N | 9.21 -2.26 0.70 N | 27.84 -5.72 0.00 N | 18.45 -3.42 0.00 N | 16.66 -3.60 0.00 N | 20.84 -4.30 0.23 N | 15.59 -3.30 0.04 N | 29.72 -6.09 0.00 N | 31.19 -6.86 0.00 N | 28.90 -6.69 0.00 N | 30.21 -6.72 0.08 N | 28.93 -5.79 0.00 N | 24.21 -4.87 0.00 N | 19.89 -3.25 0.00 N | 32.24 -7.99 0.02 N | |
| PINELAWN_CC_1 323563 | 36.86 2.71 -3.04 N | 4.65 0.37 0.00 N | -0.03 -0.02 0.00 N | 52.35 3.07 -5.33 N | 51.19 -0.32 -55.92 N | 24.17 0.33 -18.98 N | 1.43 -0.05 -2.28 N | 19.69 1.75 -1.22 N | 51.67 1.70 -34.91 N | 46.18 2.83 -18.99 N | 49.44 1.40 -35.87 N | 45.27 3.84 -7.87 N | 52.85 2.40 -28.59 N | 31.03 2.25 -8.52 N | 34.83 2.73 -6.73 N | 22.18 2.00 -1.26 N | 38.99 3.18 0.00 N | 41.31 3.26 0.00 N | 38.79 3.21 0.00 N | 42.67 3.34 -2.31 N | 38.01 3.30 0.00 N | 31.86 2.79 0.00 N | 25.20 2.06 0.00 N | 44.35 3.54 -0.56 N | |
| PJM_GEN_KEystone 24065 | 32.59 -0.73 -2.21 N | 4.20 -0.07 0.00 N | -0.03 -0.02 0.00 N | 48.80 0.98 -3.86 N | 36.16 0.02 -40.54 N | 18.60 -0.01 -13.76 N | 0.87 0.02 -1.65 N | 17.02 0.31 0.00 N | 15.18 0.11 0.00 N | 24.90 -0.26 -0.81 N | 27.62 -0.23 -15.67 N | 32.90 -0.66 0.00 N | 21.36 -0.51 0.00 N | 19.85 -0.41 0.00 N | 29.43 -0.75 -4.82 N | 34.81 1.32 -5.18 N | 35.17 -0.65 0.00 N | 37.83 -0.22 0.00 N | 34.98 -0.60 0.00 N | 37.76 -0.93 -1.68 N | 33.89 -0.83 0.00 N | 28.35 -0.72 0.00 N | 22.43 -0.71 0.00 N | 40.63 -0.02 -0.41 N | |
| PJM_GEN_NEPTUNE_PROXY 323594 | 36.69 2.54 -3.04 N | 4.63 0.35 0.00 N | -0.03 -0.02 0.00 N | 52.18 2.90 -5.33 N | 51.21 -0.31 -55.92 N | 24.16 0.32 -18.98 N | 1.43 -0.05 -2.28 N | 19.66 1.73 -1.22 N | 51.63 1.66 -34.91 N | 46.10 2.75 -18.99 N | 49.40 1.36 -35.87 N | 45.16 3.74 -7.87 N | 52.77 2.33 -28.59 N | 30.96 2.18 -8.52 N | 34.76 2.66 -6.73 N | 42.06 3.12 -10.63 N | 38.87 3.05 0.00 N | 41.11 3.06 0.00 N | 38.57 2.99 0.00 N | 42.41 3.09 -2.31 N | 37.76 3.05 0.00 N | 31.65 2.57 0.00 N | 25.03 1.89 0.00 N | 44.06 3.25 -0.56 N | |
| PLEASANTVLY___LBMP 24000 | 36.37 2.09 -3.17 N | 4.56 0.29 0.00 N | 0.00 0.01 0.00 N | 52.19 2.73 -5.51 N | 53.16 -0.28 -57.86 N | 24.81 0.32 -19.64 N | 1.51 -0.04 -2.36 N | 17.93 1.21 0.00 N | 16.19 1.12 0.00 N | 27.39 1.88 -1.16 N | 35.97 0.96 -22.84 N | 36.16 2.60 0.00 N | 23.44 1.57 0.00 N | 21.74 1.48 0.00 N | 34.17 1.90 -6.90 N | 21.41 1.37 -1.12 N | 38.25 2.44 0.00 N | 40.65 2.60 0.00 N | 38.03 2.45 0.00 N | 41.89 2.48 -2.39 N | 37.03 2.32 0.00 N | 31.03 1.95 0.00 N | 24.63 1.49 0.00 N | 43.45 2.62 -0.58 N | |
| POLETTI___ 23519 | 36.81 2.66 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.65 3.37 -5.33 N | 51.15 -0.35 -55.91 N | 24.22 0.38 -18.98 N | 1.42 -0.05 -2.28 N | 18.27 1.56 0.00 N | 16.52 1.45 0.00 N | 27.89 2.42 -1.12 N | 35.26 1.23 -21.86 N | 36.90 3.34 0.00 N | 23.93 2.07 0.00 N | 22.20 1.94 0.00 N | 34.45 2.44 -6.63 N | 21.76 1.76 -1.07 N | 38.95 3.13 0.00 N | 41.38 3.33 0.00 N | 38.73 3.15 0.00 N | 42.48 3.16 -2.31 N | 37.73 3.02 0.00 N | 31.62 2.54 0.00 N | 25.04 1.90 0.00 N | 44.13 3.32 -0.56 N | |
| PORT_JEFF_3 | 36.99 | 4.67 | -0.04 | 52.48 | 51.17 | 24.19 | 1.43 | 19.69 | 51.69 | 46.22 | 49.41 | 45.19 | 52.82 | 30.99 | 34.77 | 22.15 | 39.08 | 41.45 | 38.87 | 42.77 | 38.21 | 31.97 | 25.29 | 44.55 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| 23555 | 2.84 -3.04 N | 0.40 0.00 N | -0.03 0.00 N | 3.20 -5.33 N | -0.35 -55.92 N | 0.36 -18.98 N | -0.05 -2.28 N | 1.76 -1.22 N | 1.72 -34.91 N | 2.88 -18.99 N | 1.37 -35.87 N | 3.77 -7.87 N | 2.37 -28.59 N | 2.22 -8.52 N | 2.67 -6.73 N | 1.97 -1.26 N | 3.26 0.00 N | 3.39 0.00 N | 3.29 0.00 N | 3.44 -2.31 N | 3.50 0.00 N | 2.89 0.00 N | 2.15 0.00 N | 3.73 -0.56 N |
| PORT_JEFF_4 23616 | 36.99 2.84 -3.04 N | 4.67 0.40 0.00 N | -0.04 -0.03 0.00 N | 52.48 3.20 -5.33 N | 51.17 -0.35 -55.92 N | 24.19 0.36 -18.98 N | 1.43 -0.05 -2.28 N | 19.69 1.76 -1.22 N | 51.69 1.72 -34.91 N | 46.22 2.88 -18.99 N | 49.41 1.37 -35.87 N | 45.19 3.77 -7.87 N | 52.82 2.37 -28.59 N | 30.99 2.22 -8.52 N | 34.77 2.67 -6.73 N | 22.15 1.97 -1.26 N | 39.08 3.26 0.00 N | 41.45 3.39 0.00 N | 38.87 3.29 0.00 N | 42.77 3.44 -2.31 N | 38.21 3.50 0.00 N | 31.97 2.89 0.00 N | 25.29 2.15 0.00 N | 44.55 3.73 -0.56 N |
| PORT_JEFF_IC 23713 | 37.06 2.91 -3.04 N | 4.68 0.41 0.00 N | -0.04 -0.02 0.00 N | 52.61 3.33 -5.33 N | 51.16 -0.36 -55.92 N | 24.21 0.37 -18.98 N | 1.43 -0.05 -2.28 N | 19.74 1.81 -1.22 N | 51.74 1.77 -34.91 N | 46.31 2.96 -18.99 N | 49.43 1.39 -35.87 N | 45.26 3.84 -7.87 N | 52.86 2.41 -28.59 N | 31.03 2.26 -8.52 N | 34.82 2.72 -6.73 N | 22.19 2.01 -1.26 N | 39.23 3.41 0.00 N | 41.60 3.55 0.00 N | 39.02 3.43 0.00 N | 42.93 3.60 -2.31 N | 38.36 3.64 0.00 N | 32.08 3.00 0.00 N | 25.36 2.22 0.00 N | 44.67 3.86 -0.56 N |
| PPL PILGRIM_ST_GT1 24216 | 36.98 2.83 -3.04 N | 4.67 0.40 0.00 N | -0.03 -0.02 0.00 N | 52.50 3.22 -5.33 N | 51.17 -0.34 -55.92 N | 24.19 0.35 -18.98 N | 1.43 -0.05 -2.28 N | 19.74 1.81 -1.22 N | 51.72 1.75 -34.91 N | 46.12 2.77 -18.99 N | 49.40 1.36 -35.87 N | 45.17 3.75 -7.87 N | 52.78 2.33 -28.59 N | 30.97 2.19 -8.52 N | 34.75 2.65 -6.73 N | 22.13 1.94 -1.26 N | 38.98 3.17 0.00 N | 41.53 3.48 0.00 N | 38.95 3.37 0.00 N | 42.84 3.51 -2.31 N | 38.24 3.53 0.00 N | 32.04 2.96 0.00 N | 25.33 2.19 0.00 N | 44.54 3.73 -0.56 N |
| PPL PILGRIM_ST_GT2 24217 | 36.98 2.83 -3.04 N | 4.67 0.40 0.00 N | -0.03 -0.02 0.00 N | 52.50 3.22 -5.33 N | 51.17 -0.34 -55.92 N | 24.19 0.35 -18.98 N | 1.43 -0.05 -2.28 N | 19.74 1.81 -1.22 N | 51.72 1.75 -34.91 N | 46.12 2.77 -18.99 N | 49.40 1.36 -35.87 N | 45.17 3.75 -7.87 N | 52.78 2.33 -28.59 N | 30.97 2.19 -8.52 N | 34.75 2.65 -6.73 N | 22.13 1.94 -1.26 N | 38.98 3.17 0.00 N | 41.53 3.48 0.00 N | 38.95 3.37 0.00 N | 42.84 3.51 -2.31 N | 38.24 3.53 0.00 N | 32.04 2.96 0.00 N | 25.33 2.19 0.00 N | 44.54 3.73 -0.56 N |
| PPL_SHRM_GT3 24213 | 36.90 2.74 -3.04 N | 4.67 0.40 0.00 N | -0.04 -0.03 0.00 N | 52.52 3.24 -5.33 N | 51.16 -0.35 -55.92 N | 24.19 0.36 -18.98 N | 1.44 -0.04 -2.28 N | 19.52 1.59 -1.22 N | 51.58 1.61 -34.91 N | 46.07 2.73 -18.99 N | 49.36 1.32 -35.87 N | 45.03 3.61 -7.87 N | 52.75 2.30 -28.59 N | 30.91 2.13 -8.52 N | 34.65 2.55 -6.73 N | 22.05 1.87 -1.26 N | 38.90 3.09 0.00 N | 41.26 3.21 0.00 N | 38.72 3.13 0.00 N | 42.62 3.30 -2.31 N | 38.08 3.37 0.00 N | 31.83 2.75 0.00 N | 25.14 2.00 0.00 N | 44.53 3.72 -0.56 N |
| PPL_SHRM_GT4 24214 | 36.90 2.74 -3.04 N | 4.67 0.40 0.00 N | -0.04 -0.03 0.00 N | 52.52 3.24 -5.33 N | 51.16 -0.35 -55.92 N | 24.19 0.36 -18.98 N | 1.44 -0.04 -2.28 N | 19.52 1.59 -1.22 N | 51.58 1.61 -34.91 N | 46.07 2.73 -18.99 N | 49.36 1.32 -35.87 N | 45.03 3.61 -7.87 N | 52.75 2.30 -28.59 N | 30.91 2.13 -8.52 N | 34.65 2.55 -6.73 N | 22.05 1.87 -1.26 N | 38.90 3.09 0.00 N | 41.26 3.21 0.00 N | 38.72 3.13 0.00 N | 42.62 3.30 -2.31 N | 38.08 3.37 0.00 N | 31.83 2.75 0.00 N | 25.14 2.00 0.00 N | 44.53 3.72 -0.56 N |
| PROJECT___ORANGE 1 24174 | 30.86 -0.49 -0.24 N | 4.21 -0.06 0.00 N | -0.02 -0.01 0.00 N | 43.88 -0.49 -0.41 N | -0.03 0.05 -4.33 N | 6.26 -0.06 -1.47 N | -0.62 0.01 -0.18 N | 16.56 -0.15 0.00 N | 14.93 -0.14 0.00 N | 24.17 -0.27 -0.09 N | 13.58 -0.14 -1.55 N | 33.16 -0.39 0.00 N | 21.66 -0.20 0.00 N | 20.06 -0.20 0.00 N | 25.59 -0.31 -0.52 N | 18.83 -0.18 -0.08 N | 35.46 -0.35 0.00 N | 37.70 -0.35 0.00 N | 35.26 -0.32 0.00 N | 36.85 -0.34 -0.18 N | 34.39 -0.33 0.00 N | 28.80 -0.28 0.00 N | 22.89 -0.25 0.00 N | 39.91 -0.39 -0.04 N |
| PROJECT___ORANGE 2 24166 | 30.86 -0.49 -0.24 N | 4.21 -0.06 0.00 N | -0.02 -0.01 0.00 N | 43.88 -0.49 -0.41 N | -0.03 0.05 -4.33 N | 6.26 -0.06 -1.47 N | -0.62 0.01 -0.18 N | 16.56 -0.15 0.00 N | 14.93 -0.14 0.00 N | 24.17 -0.27 -0.09 N | 13.58 -0.14 -1.55 N | 33.16 -0.39 0.00 N | 21.66 -0.20 0.00 N | 20.06 -0.20 0.00 N | 25.59 -0.31 -0.52 N | 18.83 -0.18 -0.08 N | 35.46 -0.35 0.00 N | 37.70 -0.35 0.00 N | 35.26 -0.32 0.00 N | 36.85 -0.34 -0.18 N | 34.39 -0.33 0.00 N | 28.80 -0.28 0.00 N | 22.89 -0.25 0.00 N | 39.91 -0.39 -0.04 N |
| PYRITES___HYD 24023 | 27.42 -3.58 0.11 N | 3.58 -0.69 0.00 N | -0.01 0.00 0.00 N | 35.48 -8.28 0.19 N | -5.60 0.83 2.02 N | 3.25 -0.92 0.68 N | -0.76 0.13 0.08 N | 13.07 -3.64 0.00 N | 11.85 -3.22 0.00 N | 19.40 -4.91 0.04 N | 9.22 -2.23 0.72 N | 27.95 -5.60 0.00 N | 18.53 -3.33 0.00 N | 16.73 -3.53 0.00 N | 20.90 -4.23 0.24 N | 15.64 -3.25 0.04 N | 29.80 -6.01 0.00 N | 31.28 -6.77 0.00 N | 28.96 -6.63 0.00 N | 30.26 -6.67 0.08 N | 29.00 -5.71 0.00 N | 24.28 -4.81 0.00 N | 19.95 -3.19 0.00 N | 32.24 -7.98 0.02 N |
| RAMAPO___LBMP 323565 | 36.40 2.34 -2.95 N | 4.60 0.32 0.00 N | 0.00 0.01 0.00 N | 52.23 3.11 -5.16 N | 49.46 -0.33 -54.19 N | 23.61 0.36 -18.40 N | 1.36 -0.05 -2.21 N | 18.10 1.38 0.00 N | 16.32 1.26 0.00 N | 27.52 2.09 -1.08 N | 34.33 1.06 -21.10 N | 36.43 2.88 0.00 N | 23.60 1.74 0.00 N | 21.91 1.65 0.00 N | 33.88 2.09 -6.42 N | 21.46 1.49 -1.04 N | 38.47 2.66 0.00 N | 40.92 2.87 0.00 N | 38.34 2.76 0.00 N | 42.01 2.76 -2.24 N | 37.39 2.68 0.00 N | 31.33 2.25 0.00 N | 24.82 1.68 0.00 N | 43.73 2.93 -0.55 N |
| RANKINE____ 23646 | 29.03 -2.51 -0.42 N | 4.00 -0.27 0.00 N | -0.07 -0.06 0.00 N | 42.69 -2.01 -0.74 N | 3.58 0.19 -7.80 N | 7.23 -0.27 -2.65 N | -0.47 0.02 -0.32 N | 15.95 -0.77 0.00 N | 14.06 -1.00 0.00 N | 22.46 -2.05 -0.16 N | 13.81 -1.16 -2.80 N | 30.46 -3.10 0.00 N | 19.90 -1.96 0.00 N | 18.25 -2.01 0.00 N | 23.48 -2.83 -0.94 N | 17.20 -1.89 -0.15 N | 32.25 -3.57 0.00 N | 34.26 -3.79 0.00 N | 32.01 -3.57 0.00 N | 33.61 -3.72 -0.32 N | 31.16 -3.56 0.00 N | 26.30 -2.78 0.00 N | 21.38 -1.76 0.00 N | 38.34 -1.98 -0.08 N |
| RAVENSWOOD_GT2_1 24244 | 36.81 2.66 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.68 3.40 -5.33 N | 51.16 -0.35 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.05 -2.28 N | 18.28 1.56 0.00 N | 16.52 1.45 0.00 N | 27.88 2.42 -1.12 N | 35.26 1.23 -21.86 N | 36.89 3.33 0.00 N | 23.93 2.07 0.00 N | 22.20 1.94 0.00 N | 34.45 2.44 -6.64 N | 21.76 1.76 -1.07 N | 38.95 3.13 0.00 N | 41.39 3.34 0.00 N | 38.75 3.17 0.00 N | 42.49 3.17 -2.31 N | 37.73 3.02 0.00 N | 31.62 2.54 0.00 N | 25.04 1.90 0.00 N | 44.16 3.35 -0.56 N |
| RAVENSWOOD_GT2_2 24245 | 36.81 2.66 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.68 3.40 -5.33 N | 51.16 -0.35 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.05 -2.28 N | 18.28 1.56 0.00 N | 16.52 1.45 0.00 N | 27.88 2.42 -1.12 N | 35.26 1.23 -21.86 N | 36.89 3.33 0.00 N | 23.93 2.07 0.00 N | 22.20 1.94 0.00 N | 34.45 2.44 -6.64 N | 21.76 1.76 -1.07 N | 38.95 3.13 0.00 N | 41.39 3.34 0.00 N | 38.75 3.17 0.00 N | 42.49 3.17 -2.31 N | 37.73 3.02 0.00 N | 31.62 2.54 0.00 N | 25.04 1.90 0.00 N | 44.16 3.35 -0.56 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------------|---------------------------|----------------------------|-----------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| RAVENSWOOD_GT2_3 24246 | 36.84 2.69 -3.04 N | 4.64 0.37 0.00 N | 0.00 0.01 0.00 N | 52.72 3.44 -5.33 N | 51.15 -0.35 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.05 -2.28 N | 18.29 1.57 0.00 N | 16.53 1.47 0.00 N | 27.91 2.44 -1.12 N | 35.28 1.24 -21.86 N | 36.93 3.38 0.00 N | 23.95 2.09 0.00 N | 22.22 1.96 0.00 N | 34.47 2.46 -6.64 N | 21.78 1.78 -1.07 N | 38.99 3.17 0.00 N | 41.43 3.37 0.00 N | 38.79 3.21 0.00 N | 42.53 3.21 -2.31 N | 37.77 3.05 0.00 N | 31.65 2.57 0.00 N | 25.07 1.93 0.00 N | 44.17 3.36 -0.56 N |
| RAVENSWOOD_GT2_4 24247 | 36.84 2.69 -3.04 N | 4.64 0.37 0.00 N | 0.00 0.01 0.00 N | 52.72 3.44 -5.33 N | 51.15 -0.35 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.05 -2.28 N | 18.29 1.57 0.00 N | 16.53 1.47 0.00 N | 27.91 2.44 -1.12 N | 35.28 1.24 -21.86 N | 36.93 3.38 0.00 N | 23.95 2.09 0.00 N | 22.22 1.96 0.00 N | 34.47 2.46 -6.64 N | 21.78 1.78 -1.07 N | 38.99 3.17 0.00 N | 41.43 3.37 0.00 N | 38.79 3.21 0.00 N | 42.53 3.21 -2.31 N | 37.77 3.05 0.00 N | 31.65 2.57 0.00 N | 25.07 1.93 0.00 N | 44.17 3.36 -0.56 N |
| RAVENSWOOD_GT3_1 24248 | 36.81 2.66 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.68 3.40 -5.33 N | 51.16 -0.35 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.05 -2.28 N | 18.28 1.56 0.00 N | 16.52 1.45 0.00 N | 27.88 2.42 -1.12 N | 35.26 1.23 -21.86 N | 36.90 3.34 0.00 N | 23.93 2.07 0.00 N | 22.20 1.94 0.00 N | 34.45 2.44 -6.64 N | 21.76 1.76 -1.07 N | 38.95 3.13 0.00 N | 41.39 3.34 0.00 N | 38.76 3.17 0.00 N | 42.49 3.17 -2.31 N | 37.73 3.02 0.00 N | 31.62 2.54 0.00 N | 25.04 1.90 0.00 N | 44.16 3.35 -0.56 N |
| RAVENSWOOD_GT3_2 24249 | 36.81 2.66 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.68 3.40 -5.33 N | 51.16 -0.35 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.05 -2.28 N | 18.28 1.56 0.00 N | 16.52 1.45 0.00 N | 27.88 2.42 -1.12 N | 35.26 1.23 -21.86 N | 36.90 3.34 0.00 N | 23.93 2.07 0.00 N | 22.20 1.94 0.00 N | 34.45 2.44 -6.64 N | 21.76 1.76 -1.07 N | 38.95 3.13 0.00 N | 41.39 3.34 0.00 N | 38.76 3.17 0.00 N | 42.49 3.17 -2.31 N | 37.73 3.02 0.00 N | 31.62 2.54 0.00 N | 25.04 1.90 0.00 N | 44.16 3.35 -0.56 N |
| RAVENSWOOD_GT3_3 24250 | 36.87 2.72 -3.04 N | 4.64 0.37 0.00 N | 0.00 0.01 0.00 N | 52.76 3.48 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.05 -2.28 N | 18.31 1.59 0.00 N | 16.55 1.48 0.00 N | 27.93 2.46 -1.12 N | 35.29 1.25 -21.86 N | 36.97 3.41 0.00 N | 23.97 2.11 0.00 N | 22.24 1.98 0.00 N | 34.49 2.49 -6.64 N | 21.80 1.79 -1.07 N | 39.02 3.20 0.00 N | 41.46 3.41 0.00 N | 38.83 3.25 0.00 N | 42.57 3.25 -2.31 N | 37.80 3.09 0.00 N | 31.68 2.60 0.00 N | 25.09 1.95 0.00 N | 44.21 3.40 -0.56 N |
| RAVENSWOOD_GT3_4 24251 | 36.87 2.72 -3.04 N | 4.64 0.37 0.00 N | 0.00 0.01 0.00 N | 52.76 3.48 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.05 -2.28 N | 18.31 1.59 0.00 N | 16.55 1.48 0.00 N | 27.93 2.46 -1.12 N | 35.29 1.25 -21.86 N | 36.97 3.41 0.00 N | 23.97 2.11 0.00 N | 22.24 1.98 0.00 N | 34.49 2.49 -6.64 N | 21.80 1.79 -1.07 N | 39.02 3.20 0.00 N | 41.46 3.41 0.00 N | 38.83 3.25 0.00 N | 42.57 3.25 -2.31 N | 37.80 3.09 0.00 N | 31.68 2.60 0.00 N | 25.09 1.95 0.00 N | 44.21 3.40 -0.56 N |
| RAVENSWOOD_GT_1 23729 | 36.93 2.78 -3.04 N | 4.65 0.37 0.00 N | -0.01 0.01 0.00 N | 52.81 3.54 -5.33 N | 51.14 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.62 0.00 N | 16.58 1.52 0.00 N | 28.00 2.53 -1.12 N | 35.37 1.29 -21.91 N | 37.05 3.49 0.00 N | 25.57 2.18 -1.53 N | 34.57 2.03 -12.27 N | 38.16 2.54 -10.25 N | 30.33 1.84 -9.57 N | 39.85 3.28 -0.76 N | 41.52 3.46 0.00 N | 38.87 3.29 0.00 N | 42.63 3.30 -2.31 N | 37.86 3.15 0.00 N | 31.72 2.64 0.00 N | 25.13 1.99 0.00 N | 44.29 3.48 -0.56 N |
| RAVENSWOOD_GT_10 24258 | 36.81 2.66 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.68 3.40 -5.33 N | 51.16 -0.35 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.05 -2.28 N | 18.27 1.56 0.00 N | 16.52 1.45 0.00 N | 27.88 2.41 -1.12 N | 35.26 1.22 -21.86 N | 36.89 3.33 0.00 N | 23.93 2.06 0.00 N | 22.20 1.94 0.00 N | 34.44 2.43 -6.64 N | 21.75 1.75 -1.07 N | 38.95 3.13 0.00 N | 41.39 3.33 0.00 N | 38.75 3.17 0.00 N | 42.49 3.17 -2.31 N | 37.73 3.02 0.00 N | 31.62 2.54 0.00 N | 25.04 1.90 0.00 N | 44.13 3.32 -0.56 N |
| RAVENSWOOD_GT_11 24259 | 36.81 2.66 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.68 3.40 -5.33 N | 51.16 -0.35 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.05 -2.28 N | 18.27 1.56 0.00 N | 16.52 1.45 0.00 N | 27.88 2.41 -1.12 N | 35.26 1.22 -21.86 N | 36.89 3.33 0.00 N | 23.93 2.06 0.00 N | 22.20 1.94 0.00 N | 34.44 2.43 -6.64 N | 21.75 1.75 -1.07 N | 38.95 3.13 0.00 N | 41.39 3.33 0.00 N | 38.75 3.17 0.00 N | 42.49 3.17 -2.31 N | 37.73 3.02 0.00 N | 31.62 2.54 0.00 N | 25.04 1.90 0.00 N | 44.13 3.32 -0.56 N |
| RAVENSWOOD_GT_4 24252 | 36.79 2.64 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.66 3.39 -5.33 N | 51.16 -0.35 -55.91 N | 24.22 0.38 -18.98 N | 1.42 -0.05 -2.28 N | 18.26 1.55 0.00 N | 16.51 1.44 0.00 N | 27.86 2.40 -1.12 N | 35.23 1.21 -21.84 N | 36.86 3.31 0.00 N | 23.90 2.05 0.00 N | 22.18 1.92 0.00 N | 34.43 2.43 -6.64 N | 21.74 1.74 -1.07 N | 38.93 3.11 0.00 N | 41.37 3.32 0.00 N | 38.73 3.15 0.00 N | 42.47 3.15 -2.31 N | 37.72 3.00 0.00 N | 31.60 2.52 0.00 N | 25.03 1.89 0.00 N | 44.13 3.32 -0.56 N |
| RAVENSWOOD_GT_5 24254 | 36.79 2.64 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.66 3.39 -5.33 N | 51.16 -0.35 -55.91 N | 24.22 0.38 -18.98 N | 1.42 -0.05 -2.28 N | 18.26 1.55 0.00 N | 16.51 1.44 0.00 N | 27.86 2.40 -1.12 N | 35.23 1.21 -21.84 N | 36.86 3.31 0.00 N | 23.90 2.05 0.00 N | 22.18 1.92 0.00 N | 34.43 2.43 -6.64 N | 21.74 1.74 -1.07 N | 38.93 3.11 0.00 N | 41.37 3.32 0.00 N | 38.73 3.15 0.00 N | 42.47 3.15 -2.31 N | 37.72 3.00 0.00 N | 31.60 2.52 0.00 N | 25.03 1.89 0.00 N | 44.13 3.32 -0.56 N |
| RAVENSWOOD_GT_6 24253 | 36.79 2.64 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.66 3.39 -5.33 N | 51.16 -0.35 -55.91 N | 24.22 0.38 -18.98 N | 1.42 -0.05 -2.28 N | 18.26 1.55 0.00 N | 16.51 1.44 0.00 N | 27.86 2.40 -1.12 N | 35.23 1.21 -21.84 N | 36.86 3.31 0.00 N | 23.90 2.05 0.00 N | 22.18 1.92 0.00 N | 34.43 2.43 -6.64 N | 21.74 1.74 -1.07 N | 38.93 3.11 0.00 N | 41.37 3.32 0.00 N | 38.73 3.15 0.00 N | 42.47 3.15 -2.31 N | 37.72 3.00 0.00 N | 31.60 2.52 0.00 N | 25.03 1.89 0.00 N | 44.13 3.32 -0.56 N |
| RAVENSWOOD_GT_7 24255 | 36.79 2.64 -3.04 N | 4.63 0.36 0.00 N | 0.00 0.01 0.00 N | 52.66 3.39 -5.33 N | 51.16 -0.35 -55.91 N | 24.22 0.38 -18.98 N | 1.42 -0.05 -2.28 N | 18.26 1.55 0.00 N | 16.51 1.44 0.00 N | 27.86 2.40 -1.12 N | 35.23 1.21 -21.84 N | 36.86 3.31 0.00 N | 23.90 2.05 0.00 N | 22.18 1.92 0.00 N | 34.43 2.43 -6.64 N | 21.74 1.74 -1.07 N | 38.93 3.11 0.00 N | 41.37 3.32 0.00 N | 38.73 3.15 0.00 N | 42.47 3.15 -2.31 N | 37.72 3.00 0.00 N | 31.60 2.52 0.00 N | 25.03 1.89 0.00 N | 44.13 3.32 -0.56 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 36.81 2.66 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.68 3.40 -5.33 N | 51.16 -0.35 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.05 -2.28 N | 18.27 1.56 0.00 N | 16.52 1.45 0.00 N | 27.88 2.41 -1.12 N | 35.26 1.22 -21.86 N | 36.89 3.33 0.00 N | 23.93 2.06 0.00 N | 22.20 1.94 0.00 N | 34.44 2.43 -6.64 N | 21.75 1.75 -1.07 N | 38.95 3.13 0.00 N | 41.39 3.33 0.00 N | 38.75 3.17 0.00 N | 42.49 3.17 -2.31 N | 37.73 3.02 0.00 N | 31.62 2.54 0.00 N | 25.04 1.90 0.00 N | 44.13 3.32 -0.56 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 |
|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|---|
| RAVENSWOOD_GT_9 24257 | 36.81 2.66 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.68 3.40 -5.33 N | 51.16 -0.35 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.05 -2.28 N | 18.27 1.56 0.00 N | 16.52 1.45 0.00 N | 27.88 2.41 -1.12 N | 35.26 1.22 -21.86 N | 36.89 3.33 0.00 N | 23.93 2.06 0.00 N | 22.20 1.94 0.00 N | 34.44 2.43 -6.64 N | 21.75 1.75 -1.07 N | 38.95 3.13 0.00 N | 41.39 3.33 0.00 N | 38.75 3.17 0.00 N | 42.49 3.17 -2.31 N | 37.73 3.02 0.00 N | 31.62 2.54 0.00 N | 25.04 1.90 0.00 N | 44.13 3.32 -0.56 N | |
| RAVENSWOOD___1 23533 | 36.92 2.77 -3.04 N | 4.65 0.37 0.00 N | -0.01 0.01 0.00 N | 52.81 3.53 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.61 0.00 N | 16.58 1.51 0.00 N | 27.99 2.52 -1.12 N | 35.35 1.28 -21.90 N | 37.04 3.48 0.00 N | 25.57 2.17 -1.53 N | 34.56 2.03 -12.27 N | 38.15 2.53 -10.25 N | 30.33 1.83 -9.57 N | 39.83 3.26 -0.76 N | 41.51 3.46 0.00 N | 38.87 3.29 0.00 N | 42.62 3.29 -2.31 N | 37.85 3.13 0.00 N | 31.71 2.63 0.00 N | 25.12 1.98 0.00 N | 44.26 3.45 -0.56 N | |
| RAVENSWOOD___2 23534 | 36.91 2.76 -3.04 N | 4.65 0.37 0.00 N | -0.01 0.01 0.00 N | 52.81 3.53 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.61 0.00 N | 16.58 1.51 0.00 N | 27.98 2.51 -1.12 N | 35.34 1.28 -21.89 N | 37.03 3.47 0.00 N | 25.56 2.17 -1.53 N | 34.56 2.03 -12.27 N | 38.15 2.53 -10.25 N | 30.32 1.83 -9.57 N | 39.83 3.26 -0.76 N | 41.51 3.46 0.00 N | 38.86 3.28 0.00 N | 42.61 3.29 -2.31 N | 37.84 3.13 0.00 N | 31.71 2.63 0.00 N | 25.11 1.97 0.00 N | 44.26 3.45 -0.56 N | |
| RAVENSWOOD___3 23535 | 36.81 2.66 -3.04 N | 4.63 0.36 0.00 N | -0.01 0.01 0.00 N | 52.69 3.40 -5.33 N | 51.16 -0.35 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.05 -2.28 N | 18.28 1.56 0.00 N | 16.52 1.46 0.00 N | 27.88 2.42 -1.12 N | 35.27 1.23 -21.86 N | 36.90 3.34 0.00 N | 23.93 2.07 0.00 N | 22.20 1.94 0.00 N | 34.45 2.44 -6.64 N | 21.76 1.76 -1.07 N | 38.96 3.14 0.00 N | 41.39 3.34 0.00 N | 38.76 3.17 0.00 N | 42.49 3.17 -2.31 N | 37.73 3.02 0.00 N | 31.63 2.54 0.00 N | 25.05 1.91 0.00 N | 44.16 3.35 -0.56 N | |
| RAVENSWOOD___4 23820 | 36.91 2.76 -3.04 N | 4.65 0.37 0.00 N | -0.01 0.01 0.00 N | 52.81 3.53 -5.33 N | 51.15 -0.36 -55.91 N | 24.23 0.40 -18.98 N | 1.42 -0.06 -2.28 N | 18.33 1.61 0.00 N | 16.58 1.51 0.00 N | 27.98 2.51 -1.12 N | 35.34 1.28 -21.89 N | 37.03 3.47 0.00 N | 25.56 2.17 -1.53 N | 34.56 2.03 -12.27 N | 38.15 2.53 -10.25 N | 30.32 1.83 -9.57 N | 39.83 3.26 -0.76 N | 41.51 3.46 0.00 N | 38.86 3.28 0.00 N | 42.61 3.29 -2.31 N | 37.84 3.13 0.00 N | 31.71 2.63 0.00 N | 25.11 1.97 0.00 N | 44.26 3.45 -0.56 N | |
| RCPL_TRUST___DRP 24196 | 36.84 2.69 -3.04 N | 4.64 0.37 0.00 N | 0.00 0.01 0.00 N | 52.73 3.46 -5.33 N | 51.14 -0.36 -55.91 N | 24.22 0.39 -18.98 N | 1.42 -0.05 -2.28 N | 18.30 1.59 0.00 N | 16.55 1.48 0.00 N | 27.92 2.45 -1.12 N | 35.28 1.24 -21.86 N | 36.93 3.37 0.00 N | 23.96 2.10 0.00 N | 22.23 1.97 0.00 N | 34.48 2.48 -6.63 N | 21.79 1.79 -1.07 N | 39.01 3.20 0.00 N | 41.46 3.41 0.00 N | 38.81 3.23 0.00 N | 42.56 3.24 -2.31 N | 37.80 3.09 0.00 N | 31.66 2.58 0.00 N | 25.08 1.94 0.00 N | 44.18 3.37 -0.56 N | |
| RENSSELAER___COGEN 23796 | 35.72 0.77 -3.85 N | 4.38 0.11 0.00 N | 0.00 0.01 0.00 N | 51.84 1.17 -6.72 N | 65.99 -0.12 -70.51 N | 28.93 0.14 -23.94 N | 2.05 -0.02 -2.88 N | 17.18 0.46 0.00 N | 15.51 0.45 0.00 N | 26.59 0.80 -1.44 N | 38.07 0.40 -25.49 N | 34.65 1.09 0.00 N | 22.50 0.63 0.00 N | 20.86 0.60 0.00 N | 34.77 0.85 -8.55 N | 20.94 0.63 -1.38 N | 36.90 1.08 0.00 N | 39.18 1.13 0.00 N | 36.60 1.02 0.00 N | 41.12 1.19 -2.92 N | 35.74 1.03 0.00 N | 29.94 0.86 0.00 N | 23.85 0.71 0.00 N | 42.21 1.25 -0.71 N | |
| REVERE_CPPR_DRP 24186 | 31.34 0.23 0.00 N | 4.28 0.01 0.00 N | -0.02 -0.01 0.00 N | 43.93 -0.02 0.00 N | -4.41 0.00 0.00 N | 4.83 -0.02 0.00 N | -0.81 0.00 0.00 N | 16.75 0.03 0.00 N | 15.16 0.09 0.00 N | 24.56 0.20 0.00 N | 12.29 0.11 0.00 N | 33.90 0.34 0.00 N | 22.13 0.27 0.00 N | 20.46 0.20 0.00 N | 25.60 0.22 0.00 N | 19.16 0.23 0.00 N | 36.26 0.44 0.00 N | 38.49 0.44 0.00 N | 35.96 0.37 0.00 N | 37.41 0.40 0.00 N | 35.12 0.40 0.00 N | 29.35 0.27 0.00 N | 23.26 0.12 0.00 N | 40.14 -0.11 0.00 N | |
| ROCHESTER_9_IC 23652 | 29.74 -1.70 -0.33 N | 4.08 -0.19 0.00 N | -0.05 -0.04 0.00 N | 42.93 -1.59 -0.57 N | 1.70 0.14 -5.97 N | 6.68 -0.19 -2.03 N | -0.54 0.02 -0.24 N | 16.21 -0.51 0.00 N | 14.48 -0.58 0.00 N | 23.36 -1.12 -0.12 N | 13.71 -0.60 -2.14 N | 31.95 -1.61 0.00 N | 20.92 -0.95 0.00 N | 19.26 -1.00 0.00 N | 24.66 -1.44 -0.72 N | 18.13 -0.91 -0.12 N | 34.09 -1.72 0.00 N | 36.15 -1.90 0.00 N | 33.74 -1.85 0.00 N | 35.37 -1.89 -0.25 N | 32.95 -1.77 0.00 N | 27.66 -1.41 0.00 N | 22.21 -0.93 0.00 N | 39.03 -1.28 -0.06 N | |
| ROSETON___1 23587 | 36.20 2.07 -3.02 N | 4.56 0.29 0.00 N | 0.00 0.01 0.00 N | 51.95 2.70 -5.30 N | 50.97 -0.28 -55.66 N | 24.06 0.31 -18.89 N | 1.43 -0.04 -2.27 N | 17.96 1.25 0.00 N | 16.21 1.15 0.00 N | 27.37 1.92 -1.10 N | 34.62 0.98 -21.46 N | 36.21 2.65 0.00 N | 23.48 1.61 0.00 N | 21.78 1.52 0.00 N | 33.84 1.94 -6.53 N | 21.38 1.40 -1.06 N | 38.29 2.48 0.00 N | 40.67 2.62 0.00 N | 38.05 2.47 0.00 N | 41.75 2.43 -2.30 N | 37.02 2.31 0.00 N | 31.02 1.94 0.00 N | 24.61 1.47 0.00 N | 43.39 2.58 -0.56 N | |
| ROSETON___2 23588 | 36.20 2.07 -3.02 N | 4.56 0.29 0.00 N | 0.00 0.01 0.00 N | 51.95 2.70 -5.30 N | 50.97 -0.28 -55.66 N | 24.06 0.31 -18.89 N | 1.43 -0.04 -2.27 N | 17.96 1.25 0.00 N | 16.21 1.15 0.00 N | 27.37 1.92 -1.10 N | 34.62 0.98 -21.46 N | 36.21 2.65 0.00 N | 23.48 1.61 0.00 N | 21.78 1.52 0.00 N | 33.84 1.94 -6.53 N | 21.38 1.40 -1.06 N | 38.29 2.48 0.00 N | 40.67 2.62 0.00 N | 38.05 2.47 0.00 N | 41.75 2.43 -2.30 N | 37.02 2.31 0.00 N | 31.02 1.94 0.00 N | 24.61 1.47 0.00 N | 43.39 2.58 -0.56 N | |
| RUSSELL___1 23602 | 30.32 -1.11 -0.32 N | 4.15 -0.12 0.00 N | -0.05 -0.03 0.00 N | 43.72 -0.80 -0.56 N | 1.57 0.06 -5.93 N | 6.76 -0.10 -2.01 N | -0.56 0.00 -0.24 N | 16.62 -0.10 0.00 N | 14.92 -0.15 0.00 N | 24.07 -0.41 -0.12 N | 14.05 -0.25 -2.13 N | 32.93 -0.63 0.00 N | 21.56 -0.30 0.00 N | 19.87 -0.39 0.00 N | 25.39 -0.70 -0.71 N | 18.68 -0.37 -0.12 N | 35.17 -0.64 0.00 N | 37.31 -0.74 0.00 N | 34.80 -0.78 0.00 N | 36.46 -0.80 -0.24 N | 34.01 -0.70 0.00 N | 28.49 -0.59 0.00 N | 22.75 -0.39 0.00 N | 39.84 -0.46 -0.06 N | |
| RUSSELL___2 23532 | 30.32 -1.11 -0.32 N | 4.15 -0.12 0.00 N | -0.05 -0.03 0.00 N | 43.72 -0.80 -0.56 N | 1.57 0.06 -5.93 N | 6.76 -0.10 -2.01 N | -0.56 0.00 -0.24 N | 16.62 -0.10 0.00 N | 14.92 -0.15 0.00 N | 24.07 -0.41 -0.12 N | 14.05 -0.25 -2.13 N | 32.93 -0.63 0.00 N | 21.56 -0.30 0.00 N | 19.87 -0.39 0.00 N | 25.39 -0.70 -0.71 N | 18.68 -0.37 -0.12 N | 35.17 -0.64 0.00 N | 37.31 -0.74 0.00 N | 34.80 -0.78 0.00 N | 36.46 -0.80 -0.24 N | 34.01 -0.70 0.00 N | 28.49 -0.59 0.00 N | 22.75 -0.39 0.00 N | 39.84 -0.46 -0.06 N | |
| RUSSELL___3 | 29.82 | 4.09 | -0.05 | 43.07 | 1.68 | 6.70 | -0.55 | 16.30 | 14.58 | 23.51 | 13.78 | 32.13 | 21.03 | 19.37 | 24.77 | 18.21 | 34.27 | 36.36 | 33.94 | 35.56 | 33.13 | 27.81 | 22.29 | 39.18 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| 23549 | -1.62 -0.33 N | -0.18 0.00 N | -0.04 0.00 N | -1.45 -0.57 N | 0.13 -5.96 N | -0.17 -2.02 N | 0.01 -0.24 N | -0.42 0.00 N | -0.48 0.00 N | -0.96 -0.12 N | -0.54 -2.14 N | -1.43 0.00 N | -0.84 0.00 N | -0.89 0.00 N | -1.32 -0.72 N | -0.84 -0.12 N | -1.54 0.00 N | -1.69 0.00 N | -1.64 0.00 N | -1.70 -0.25 N | -1.59 0.00 N | -1.27 0.00 N | -0.85 0.00 N | -1.12 -0.06 N |
| RUSSELL___4 23556 | 30.30 -1.13 -0.32 N | 4.15 -0.12 0.00 N | -0.05 -0.03 0.00 N | 43.69 -0.83 -0.56 N | 1.58 0.06 -5.93 N | 6.76 -0.10 -2.01 N | -0.56 0.00 -0.24 N | 16.61 -0.11 0.00 N | 14.90 -0.16 0.00 N | 24.05 -0.42 -0.12 N | 14.04 -0.26 -2.13 N | 32.90 -0.65 0.00 N | 21.55 -0.32 0.00 N | 19.85 -0.41 0.00 N | 25.37 -0.72 -0.71 N | 18.66 -0.38 -0.12 N | 35.15 -0.66 0.00 N | 37.29 -0.76 0.00 N | 34.78 -0.80 0.00 N | 36.44 -0.82 -0.24 N | 33.99 -0.73 0.00 N | 28.47 -0.61 0.00 N | 22.74 -0.40 0.00 N | 39.81 -0.50 -0.06 N |
| RUSSELL___STATION 23914 | 29.82 -1.62 -0.33 N | 4.09 -0.18 0.00 N | -0.05 -0.04 0.00 N | 43.07 -1.45 -0.57 N | 1.68 0.13 -5.96 N | 6.70 -0.17 -2.02 N | -0.55 0.01 -0.24 N | 16.30 -0.42 0.00 N | 14.58 -0.48 0.00 N | 23.51 -0.96 -0.12 N | 13.78 -0.54 -2.14 N | 32.13 -1.43 0.00 N | 21.03 -0.84 0.00 N | 19.37 -0.89 0.00 N | 24.77 -1.32 -0.72 N | 18.21 -0.84 -0.12 N | 34.27 -1.54 0.00 N | 36.36 -1.69 0.00 N | 33.94 -1.64 0.00 N | 35.56 -1.70 -0.25 N | 33.13 -1.59 0.00 N | 27.81 -1.27 0.00 N | 22.29 -0.85 0.00 N | 39.18 -1.12 -0.06 N |
| S SALMON___HYD 24043 | 30.57 -0.72 -0.18 N | 4.16 -0.11 0.00 N | -0.02 -0.01 0.00 N | 43.07 -1.20 -0.32 N | -0.93 0.12 -3.37 N | 5.86 -0.14 -1.14 N | -0.65 0.02 -0.14 N | 16.29 -0.42 0.00 N | 14.71 -0.35 0.00 N | 23.87 -0.55 -0.07 N | 13.13 -0.26 -1.21 N | 32.88 -0.68 0.00 N | 21.51 -0.35 0.00 N | 19.88 -0.38 0.00 N | 25.22 -0.56 -0.41 N | 18.59 -0.40 -0.07 N | 35.07 -0.75 0.00 N | 37.25 -0.80 0.00 N | 34.81 -0.77 0.00 N | 36.33 -0.82 -0.14 N | 33.95 -0.77 0.00 N | 28.33 -0.75 0.00 N | 22.53 -0.61 0.00 N | 39.01 -1.27 -0.03 N |
| SELKIRK___II 23799 | 35.30 0.37 -3.82 N | 4.34 0.07 0.00 N | 0.00 0.01 0.00 N | 51.46 0.84 -6.67 N | 65.48 -0.09 -69.98 N | 28.72 0.11 -23.76 N | 2.04 -0.01 -2.85 N | 16.96 0.24 0.00 N | 15.30 0.24 0.00 N | 26.22 0.44 -1.43 N | 37.68 0.22 -25.29 N | 34.15 0.59 0.00 N | 22.19 0.33 0.00 N | 20.58 0.31 0.00 N | 34.33 0.44 -8.51 N | 20.63 0.32 -1.38 N | 36.34 0.53 0.00 N | 38.61 0.56 0.00 N | 36.10 0.52 0.00 N | 40.55 0.63 -2.91 N | 35.27 0.55 0.00 N | 29.55 0.47 0.00 N | 23.50 0.36 0.00 N | 41.63 0.67 -0.71 N |
| SELKIRK___I 23801 | 35.59 0.66 -3.81 N | 4.37 0.10 0.00 N | 0.00 0.01 0.00 N | 51.69 1.07 -6.66 N | 65.41 -0.11 -69.93 N | 28.72 0.13 -23.74 N | 2.03 -0.02 -2.85 N | 17.11 0.40 0.00 N | 15.44 0.37 0.00 N | 26.42 0.64 -1.43 N | 37.66 0.28 -25.21 N | 34.32 0.76 0.00 N | 22.30 0.44 0.00 N | 20.68 0.42 0.00 N | 34.43 0.57 -8.48 N | 20.72 0.42 -1.37 N | 36.54 0.72 0.00 N | 38.81 0.76 0.00 N | 36.30 0.72 0.00 N | 40.73 0.81 -2.90 N | 35.45 0.74 0.00 N | 29.69 0.61 0.00 N | 23.61 0.47 0.00 N | 41.91 0.95 -0.71 N |
| SENECA OSWGO___HYD 24041 | 30.55 -0.78 -0.22 N | 4.17 -0.10 0.00 N | -0.02 -0.01 0.00 N | 43.37 -0.98 -0.39 N | -0.24 0.09 -4.07 N | 6.12 -0.11 -1.38 N | -0.62 0.02 -0.17 N | 16.37 -0.34 0.00 N | 14.74 -0.32 0.00 N | 23.89 -0.54 -0.08 N | 13.36 -0.28 -1.46 N | 32.79 -0.77 0.00 N | 21.42 -0.44 0.00 N | 19.84 -0.42 0.00 N | 25.29 -0.58 -0.49 N | 18.62 -0.39 -0.08 N | 35.07 -0.75 0.00 N | 37.29 -0.76 0.00 N | 34.86 -0.72 0.00 N | 36.40 -0.78 -0.17 N | 33.98 -0.73 0.00 N | 28.44 -0.64 0.00 N | 22.61 -0.53 0.00 N | 39.39 -0.90 -0.04 N |
| SENECA___ENERGY 23797 | 31.10 -0.37 -0.35 N | 4.23 -0.04 0.00 N | -0.03 -0.02 0.00 N | 44.47 -0.09 -0.61 N | 2.05 0.02 -6.44 N | 7.01 -0.03 -2.19 N | -0.54 0.00 -0.26 N | 16.77 0.05 0.00 N | 15.08 0.01 0.00 N | 24.38 -0.10 -0.13 N | 14.40 -0.08 -2.31 N | 33.36 -0.20 0.00 N | 21.79 -0.07 0.00 N | 20.14 -0.12 0.00 N | 25.87 -0.28 -0.78 N | 18.95 -0.10 -0.13 N | 35.63 -0.19 0.00 N | 37.94 -0.11 0.00 N | 35.48 -0.10 0.00 N | 37.13 -0.15 -0.27 N | 34.59 -0.12 0.00 N | 28.98 -0.10 0.00 N | 23.02 -0.12 0.00 N | 40.35 0.04 -0.06 N |
| SHOEMAKER___GT 23640 | 35.83 1.93 -2.78 N | 4.54 0.27 0.00 N | 0.00 0.01 0.00 N | 51.38 2.55 -4.88 N | 46.56 -0.26 -51.23 N | 22.53 0.29 -17.39 N | 1.25 -0.04 -2.09 N | 17.86 1.15 0.00 N | 16.12 1.05 0.00 N | 27.12 1.75 -1.02 N | 32.87 0.90 -19.80 N | 35.97 2.42 0.00 N | 23.32 1.46 0.00 N | 21.64 1.38 0.00 N | 33.19 1.76 -6.06 N | 21.17 1.27 -0.98 N | 38.08 2.26 0.00 N | 40.48 2.43 0.00 N | 37.89 2.31 0.00 N | 41.43 2.30 -2.12 N | 36.92 2.21 0.00 N | 30.94 1.86 0.00 N | 24.54 1.39 0.00 N | 43.21 2.45 -0.52 N |
| SHOREHAM_IC_1 23715 | 36.90 2.74 -3.04 N | 4.67 0.40 0.00 N | -0.04 -0.03 0.00 N | 52.52 3.24 -5.33 N | 51.16 -0.35 -55.92 N | 24.19 0.36 -18.98 N | 1.44 -0.04 -2.28 N | 19.52 1.59 -1.22 N | 51.58 1.61 -34.91 N | 46.07 2.73 -18.99 N | 49.36 1.32 -35.87 N | 45.03 3.61 -7.87 N | 52.75 2.30 -28.59 N | 30.91 2.13 -8.52 N | 34.65 2.55 -6.73 N | 22.05 1.87 -1.26 N | 38.90 3.09 0.00 N | 41.26 3.21 0.00 N | 38.72 3.13 0.00 N | 42.62 3.30 -2.31 N | 38.08 3.37 0.00 N | 31.83 2.75 0.00 N | 25.14 2.00 0.00 N | 44.53 3.72 -0.56 N |
| SHOREHAM_IC_2 23716 | 36.90 2.74 -3.04 N | 4.67 0.40 0.00 N | -0.04 -0.03 0.00 N | 52.52 3.24 -5.33 N | 51.16 -0.35 -55.92 N | 24.19 0.36 -18.98 N | 1.44 -0.04 -2.28 N | 19.52 1.59 -1.22 N | 51.58 1.61 -34.91 N | 46.07 2.73 -18.99 N | 49.36 1.32 -35.87 N | 45.03 3.61 -7.87 N | 52.75 2.30 -28.59 N | 30.91 2.13 -8.52 N | 34.65 2.55 -6.73 N | 22.05 1.87 -1.26 N | 38.90 3.09 0.00 N | 41.26 3.21 0.00 N | 38.72 3.13 0.00 N | 42.62 3.30 -2.31 N | 38.08 3.37 0.00 N | 31.83 2.75 0.00 N | 25.14 2.00 0.00 N | 44.53 3.72 -0.56 N |
| SISSONVILLE___ 23735 | 27.33 -3.68 0.11 N | 3.57 -0.70 0.00 N | -0.01 0.00 0.00 N | 35.52 -8.25 0.19 N | -5.54 0.82 1.95 N | 3.27 -0.92 0.66 N | -0.76 0.13 0.08 N | 13.09 -3.63 0.00 N | 11.84 -3.22 0.00 N | 19.36 -4.96 0.04 N | 9.21 -2.26 0.70 N | 27.84 -5.72 0.00 N | 18.45 -3.42 0.00 N | 16.66 -3.60 0.00 N | 20.84 -4.30 0.23 N | 15.59 -3.30 0.04 N | 29.72 -6.09 0.00 N | 31.19 -6.86 0.00 N | 28.90 -6.69 0.00 N | 30.21 -6.72 0.08 N | 28.93 -5.79 0.00 N | 24.21 -4.87 0.00 N | 19.89 -3.25 0.00 N | 32.24 -7.99 0.02 N |
| SITHE_IND_GS1 24169 | 30.28 -1.02 -0.18 N | 4.14 -0.13 0.00 N | -0.02 -0.01 0.00 N | 42.99 -1.29 -0.32 N | -0.91 0.12 -3.37 N | 5.85 -0.14 -1.15 N | -0.65 0.02 -0.14 N | 16.21 -0.50 0.00 N | 14.59 -0.47 0.00 N | 23.62 -0.80 -0.07 N | 12.97 -0.41 -1.21 N | 32.43 -1.13 0.00 N | 21.19 -0.67 0.00 N | 19.62 -0.64 0.00 N | 24.94 -0.84 -0.41 N | 18.40 -0.60 -0.07 N | 34.69 -1.12 0.00 N | 36.86 -1.19 0.00 N | 34.47 -1.11 0.00 N | 36.00 -1.16 -0.14 N | 33.62 -1.10 0.00 N | 28.18 -0.90 0.00 N | 22.44 -0.70 0.00 N | 39.12 -1.16 -0.03 N |
| SITHE_IND_GS2 24170 | 30.28 -1.02 -0.18 N | 4.14 -0.13 0.00 N | -0.02 -0.01 0.00 N | 42.99 -1.29 -0.32 N | -0.91 0.12 -3.37 N | 5.85 -0.14 -1.15 N | -0.65 0.02 -0.14 N | 16.21 -0.50 0.00 N | 14.59 -0.47 0.00 N | 23.62 -0.80 -0.07 N | 12.97 -0.41 -1.21 N | 32.43 -1.13 0.00 N | 21.19 -0.67 0.00 N | 19.62 -0.64 0.00 N | 24.94 -0.84 -0.41 N | 18.40 -0.60 -0.07 N | 34.69 -1.12 0.00 N | 36.86 -1.19 0.00 N | 34.47 -1.11 0.00 N | 36.00 -1.16 -0.14 N | 33.62 -1.10 0.00 N | 28.18 -0.90 0.00 N | 22.44 -0.70 0.00 N | 39.12 -1.16 -0.03 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| SITHE_IND_GS3 24171 | 30.28 -1.02 -0.18 N | 4.14 -0.13 0.00 N | -0.02 -0.01 0.00 N | 42.99 -1.29 -0.32 N | -0.91 0.12 -3.37 N | 5.85 -0.14 -1.15 N | -0.65 0.02 -0.14 N | 16.21 -0.50 0.00 N | 14.59 -0.47 0.00 N | 23.62 -0.80 -0.07 N | 12.97 -0.41 -1.21 N | 32.43 -1.13 0.00 N | 21.19 -0.67 0.00 N | 19.62 -0.64 0.00 N | 24.94 -0.84 -0.41 N | 18.40 -0.60 -0.07 N | 34.69 -1.12 0.00 N | 36.86 -1.19 0.00 N | 34.47 -1.11 0.00 N | 36.00 -1.16 -0.14 N | 33.62 -1.10 0.00 N | 28.18 -0.90 0.00 N | 22.44 -0.70 0.00 N | 39.12 -1.16 -0.03 N |
| SITHE_IND_GS4 24172 | 30.28 -1.02 -0.18 N | 4.14 -0.13 0.00 N | -0.02 -0.01 0.00 N | 42.99 -1.29 -0.32 N | -0.91 0.12 -3.37 N | 5.85 -0.14 -1.15 N | -0.65 0.02 -0.14 N | 16.21 -0.50 0.00 N | 14.59 -0.47 0.00 N | 23.62 -0.80 -0.07 N | 12.97 -0.41 -1.21 N | 32.43 -1.13 0.00 N | 21.19 -0.67 0.00 N | 19.62 -0.64 0.00 N | 24.94 -0.84 -0.41 N | 18.40 -0.60 -0.07 N | 34.69 -1.12 0.00 N | 36.86 -1.19 0.00 N | 34.47 -1.11 0.00 N | 36.00 -1.16 -0.14 N | 33.62 -1.10 0.00 N | 28.18 -0.90 0.00 N | 22.44 -0.70 0.00 N | 39.12 -1.16 -0.03 N |
| SITHE___BATAVIA 24024 | 29.39 -2.09 -0.37 N | 4.04 -0.23 0.00 N | -0.07 -0.06 0.00 N | 42.87 -1.73 -0.64 N | 2.51 0.15 -6.76 N | 6.92 -0.22 -2.30 N | -0.51 0.01 -0.28 N | 16.13 -0.59 0.00 N | 14.30 -0.77 0.00 N | 22.92 -1.57 -0.14 N | 13.72 -0.88 -2.43 N | 31.22 -2.34 0.00 N | 20.40 -1.46 0.00 N | 18.73 -1.53 0.00 N | 23.98 -2.21 -0.82 N | 17.61 -1.45 -0.13 N | 33.11 -2.70 0.00 N | 35.18 -2.87 0.00 N | 32.86 -2.72 0.00 N | 34.46 -2.83 -0.28 N | 32.01 -2.70 0.00 N | 26.97 -2.11 0.00 N | 21.84 -1.30 0.00 N | 38.85 -1.47 -0.07 N |
| SITHE___INDEPEND 23800 | 30.28 -1.02 -0.18 N | 4.14 -0.13 0.00 N | -0.02 -0.01 0.00 N | 42.99 -1.29 -0.32 N | -0.91 0.12 -3.37 N | 5.85 -0.14 -1.15 N | -0.65 0.02 -0.14 N | 16.21 -0.50 0.00 N | 14.59 -0.47 0.00 N | 23.62 -0.80 -0.07 N | 12.97 -0.41 -1.21 N | 32.43 -1.13 0.00 N | 21.19 -0.67 0.00 N | 19.62 -0.64 0.00 N | 24.94 -0.84 -0.41 N | 18.40 -0.60 -0.07 N | 34.69 -1.12 0.00 N | 36.86 -1.19 0.00 N | 34.47 -1.11 0.00 N | 36.00 -1.16 -0.14 N | 33.62 -1.10 0.00 N | 28.18 -0.90 0.00 N | 22.44 -0.70 0.00 N | 39.12 -1.16 -0.03 N |
| SITHE___MASSENA 23902 | 27.77 -3.19 0.15 N | 3.62 -0.65 0.00 N | -0.01 0.00 0.00 N | 35.88 -7.81 0.26 N | -6.35 0.78 2.73 N | 3.06 -0.87 0.93 N | -0.80 0.12 0.11 N | 13.20 -3.52 0.00 N | 11.93 -3.13 0.00 N | 19.51 -4.79 0.06 N | 9.05 -2.15 0.98 N | 28.17 -5.39 0.00 N | 18.66 -3.20 0.00 N | 16.84 -3.42 0.00 N | 20.95 -4.09 0.33 N | 15.72 -3.16 0.05 N | 29.98 -5.83 0.00 N | 31.43 -6.61 0.00 N | 29.14 -6.44 0.00 N | 30.39 -6.51 0.11 N | 29.17 -5.54 0.00 N | 24.51 -4.57 0.00 N | 20.15 -2.99 0.00 N | 32.44 -7.78 0.03 N |
| SITHE___OGDNSBRG 24021 | 27.72 -3.26 0.13 N | 3.60 -0.67 0.00 N | -0.01 0.00 0.00 N | 35.66 -8.07 0.22 N | -5.94 0.81 2.34 N | 3.16 -0.90 0.79 N | -0.78 0.12 0.10 N | 13.13 -3.59 0.00 N | 11.91 -3.16 0.00 N | 19.52 -4.78 0.05 N | 9.20 -2.14 0.84 N | 28.23 -5.33 0.00 N | 18.71 -3.15 0.00 N | 16.87 -3.39 0.00 N | 21.02 -4.07 0.28 N | 15.75 -3.13 0.05 N | 30.04 -5.77 0.00 N | 31.48 -6.57 0.00 N | 29.16 -6.42 0.00 N | 30.45 -6.47 0.10 N | 29.22 -5.49 0.00 N | 24.50 -4.58 0.00 N | 20.15 -2.99 0.00 N | 32.36 -7.86 0.02 N |
| SITHE___STERLING 23777 | 31.40 0.21 -0.07 N | 4.29 0.01 0.00 N | -0.03 -0.01 0.00 N | 44.19 0.11 -0.13 N | -3.07 -0.01 -1.34 N | 5.30 0.00 -0.46 N | -0.75 -0.01 -0.05 N | 16.79 0.08 0.00 N | 15.19 0.13 0.00 N | 24.61 0.23 -0.03 N | 12.77 0.11 -0.48 N | 33.89 0.33 0.00 N | 22.12 0.26 0.00 N | 20.46 0.20 0.00 N | 25.76 0.23 -0.16 N | 19.20 0.24 -0.03 N | 36.26 0.44 0.00 N | 38.51 0.45 0.00 N | 36.02 0.44 0.00 N | 37.56 0.49 -0.06 N | 35.18 0.47 0.00 N | 29.42 0.34 0.00 N | 23.31 0.17 0.00 N | 40.35 0.09 -0.01 N |
| SOUTH CAIRO___GT 23612 | 36.51 1.99 -3.40 N | 4.56 0.29 0.00 N | -0.01 0.01 0.00 N | 52.68 2.78 -5.95 N | 57.72 -0.28 -62.41 N | 26.37 0.33 -21.19 N | 1.70 -0.04 -2.55 N | 17.92 1.20 0.00 N | 16.24 1.18 0.00 N | 27.56 2.00 -1.21 N | 35.86 1.01 -22.67 N | 36.32 2.76 0.00 N | 23.56 1.70 0.00 N | 21.86 1.60 -8.52 N | 34.58 2.03 -7.18 N | 21.59 1.50 -1.16 N | 38.54 2.72 0.00 N | 40.92 2.87 0.00 N | 38.22 2.63 0.00 N | 42.18 2.64 -2.53 N | 37.21 2.49 0.00 N | 31.14 2.06 0.00 N | 24.70 1.56 0.00 N | 43.61 2.75 -0.62 N |
| SOUTH HAMPTN___IC 23720 | 37.17 3.02 -3.04 N | 4.71 0.44 0.00 N | -0.03 -0.02 0.00 N | 53.09 3.81 -5.33 N | 51.10 -0.41 -55.92 N | 24.25 0.42 -18.98 N | 1.43 -0.05 -2.28 N | 19.83 1.90 -1.22 N | 51.89 1.92 -34.91 N | 46.59 3.24 -18.99 N | 49.63 1.58 -35.87 N | 45.75 4.32 -7.87 N | 53.22 2.77 -28.59 N | 31.34 2.56 -8.52 N | 35.18 3.07 -6.73 N | 22.44 2.25 -1.26 N | 39.64 3.83 0.00 N | 42.06 4.01 0.00 N | 39.47 3.89 0.00 N | 43.43 4.11 -2.31 N | 38.88 4.17 0.00 N | 32.48 3.40 0.00 N | 25.62 2.48 0.00 N | 45.20 4.39 -0.56 N |
| SOUTHOLD___IC 23719 | 38.58 4.43 -3.04 N | 4.89 0.61 0.00 N | -0.03 -0.02 0.00 N | 54.96 5.68 -5.33 N | 50.91 -0.60 -55.92 N | 24.46 0.63 -18.98 N | 1.40 -0.08 -2.28 N | 20.72 2.79 -1.22 N | 52.80 2.83 -34.91 N | 48.08 4.74 -18.99 N | 50.36 2.32 -35.87 N | 47.75 6.32 -7.87 N | 54.51 4.07 -28.59 N | 32.52 3.75 -8.52 N | 36.63 4.53 -6.73 N | 23.52 3.34 -1.26 N | 41.74 5.93 0.00 N | 44.32 6.27 0.00 N | 41.61 6.02 0.00 N | 45.74 6.42 -2.31 N | 41.15 6.44 0.00 N | 34.27 5.19 0.00 N | 26.93 3.79 0.00 N | 47.26 6.44 -0.56 N |
| ST LAWRENCE____ 23600 | 27.49 -3.46 0.16 N | 3.58 -0.69 0.00 N | -0.01 0.00 0.00 N | 35.51 -8.17 0.27 N | -6.47 0.82 2.88 N | 2.96 -0.91 0.98 N | -0.80 0.13 0.12 N | 13.10 -3.62 0.00 N | 11.84 -3.23 0.00 N | 19.36 -4.94 0.06 N | 8.91 -2.23 1.03 N | 27.95 -5.61 0.00 N | 18.51 -3.35 0.00 N | 16.71 -3.55 0.00 N | 20.73 -4.29 0.35 N | 15.55 -3.32 0.06 N | 29.69 -6.12 0.00 N | 31.14 -6.91 0.00 N | 28.89 -6.69 0.00 N | 30.03 -6.86 0.12 N | 28.91 -5.81 0.00 N | 24.34 -4.74 0.00 N | 19.95 -3.19 0.00 N | 32.07 -8.15 0.03 N |
| STATION 5_MISC_HYD 23604 | 30.25 -1.18 -0.32 N | 4.15 -0.12 0.00 N | -0.05 -0.04 0.00 N | 43.90 -0.62 -0.56 N | 1.55 0.04 -5.91 N | 6.78 -0.08 -2.01 N | -0.56 0.00 -0.24 N | 16.74 0.02 0.00 N | 15.06 0.00 0.00 N | 24.35 -0.12 -0.12 N | 14.20 -0.09 -2.12 N | 33.45 -0.10 0.00 N | 21.98 0.11 0.00 N | 20.26 0.00 0.00 N | 25.91 -0.17 -0.71 N | 19.09 0.05 -0.12 N | 35.93 0.12 0.00 N | 38.11 0.06 0.00 N | 35.51 -0.08 0.00 N | 37.17 -0.09 -0.24 N | 34.69 -0.02 0.00 N | 29.03 -0.05 0.00 N | 23.10 -0.04 0.00 N | 40.30 -0.01 -0.06 N |
| STEEL___WIND 323596 | 29.05 -2.49 -0.42 N | 4.00 -0.27 0.00 N | -0.07 -0.06 0.00 N | 42.69 -2.00 -0.74 N | 3.58 0.19 -7.80 N | 7.23 -0.26 -2.65 N | -0.47 0.02 -0.32 N | 15.96 -0.76 0.00 N | 14.07 -1.00 0.00 N | 22.46 -2.05 -0.16 N | 13.81 -1.16 -2.80 N | 30.46 -3.10 0.00 N | 19.91 -1.96 0.00 N | 18.26 -2.00 0.00 N | 23.49 -2.83 -0.94 N | 17.20 -1.88 -0.15 N | 32.25 -3.56 0.00 N | 34.26 -3.79 0.00 N | 32.01 -3.57 0.00 N | 33.61 -3.72 -0.32 N | 31.18 -3.54 0.00 N | 26.31 -2.77 0.00 N | 21.39 -1.75 0.00 N | 38.35 -1.98 -0.08 N |
| STURGEON_POOL_HYD 23609 | 37.05 2.81 -3.12 N | 4.67 0.40 0.00 N | 0.00 0.01 0.00 N | 53.23 3.81 -5.46 N | 52.54 -0.38 -57.33 N | 24.75 0.43 -19.46 N | 1.48 -0.06 -2.34 N | 18.52 1.81 0.00 N | 16.69 1.63 0.00 N | 28.05 2.58 -1.11 N | 34.84 1.28 -21.38 N | 37.05 3.49 0.00 N | 24.01 2.14 0.00 N | 22.28 2.02 0.00 N | 34.53 2.53 -6.62 N | 21.85 1.85 -1.07 N | 39.13 3.31 0.00 N | 41.50 3.44 0.00 N | 38.83 3.24 0.00 N | 42.58 3.21 -2.36 N | 37.79 3.08 0.00 N | 31.65 2.56 0.00 N | 25.08 1.94 0.00 N | 44.32 3.50 -0.57 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 |
|----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|---|---|
| SYRACUSE___ENERGY_ST1 323597 | 31.03 -0.36 -0.28 N | 4.23 -0.04 0.00 N | -0.02 -0.01 0.00 N | 44.12 -0.32 -0.48 N | 0.70 0.03 -5.08 N | 6.54 -0.04 -1.72 N | -0.59 0.00 -0.21 N | 16.63 -0.09 0.00 N | 14.96 -0.11 0.00 N | 24.25 -0.21 -0.10 N | 13.88 -0.11 -1.82 N | 33.24 -0.32 0.00 N | 21.70 -0.16 0.00 N | 20.08 -0.18 0.00 N | 25.71 -0.28 -0.61 N | 18.86 -0.17 -0.10 N | 35.51 -0.30 0.00 N | 37.82 -0.23 0.00 N | 35.45 -0.13 0.00 N | 37.05 -0.17 -0.21 N | 34.56 -0.15 0.00 N | 28.94 -0.14 0.00 N | 22.99 -0.15 0.00 N | 40.07 -0.23 -0.05 N | | |
| SYRACUSE___ENERGY_ST2 323598 | 31.03 -0.36 -0.28 N | 4.23 -0.04 0.00 N | -0.02 -0.01 0.00 N | 44.12 -0.32 -0.48 N | 0.70 0.03 -5.08 N | 6.54 -0.04 -1.72 N | -0.59 0.00 -0.21 N | 16.63 -0.09 0.00 N | 14.96 -0.11 0.00 N | 24.25 -0.21 -0.10 N | 13.88 -0.11 -1.82 N | 33.24 -0.32 0.00 N | 21.70 -0.16 0.00 N | 20.08 -0.18 0.00 N | 25.71 -0.28 -0.61 N | 18.86 -0.17 -0.10 N | 35.51 -0.30 0.00 N | 37.82 -0.23 0.00 N | 35.45 -0.13 0.00 N | 37.05 -0.17 -0.21 N | 34.56 -0.15 0.00 N | 28.94 -0.14 0.00 N | 22.99 -0.15 0.00 N | 40.07 -0.23 -0.05 N | | |
| SYRACUSE___POWER 24017 | 31.09 -0.29 -0.27 N | 4.24 -0.04 0.00 N | -0.02 -0.01 0.00 N | 44.17 -0.25 -0.47 N | 0.52 0.03 -4.90 N | 6.48 -0.04 -1.66 N | -0.60 0.00 -0.20 N | 16.66 -0.05 0.00 N | 15.02 -0.05 0.00 N | 24.34 -0.11 -0.10 N | 13.87 -0.06 -1.76 N | 33.39 -0.17 0.00 N | 21.80 -0.06 0.00 N | 20.19 -0.07 0.00 N | 25.82 -0.14 -0.59 N | 18.97 -0.06 -0.10 N | 35.71 -0.10 0.00 N | 37.98 -0.07 0.00 N | 35.55 -0.03 0.00 N | 37.17 -0.05 -0.20 N | 34.66 -0.05 0.00 N | 29.03 -0.05 0.00 N | 23.04 -0.10 0.00 N | 40.15 -0.15 -0.05 N | | |
| Stony___Brook 24151 | 37.06 2.91 -3.04 N | 4.68 0.41 0.00 N | -0.04 -0.02 0.00 N | 52.61 3.33 -5.33 N | 51.16 -0.36 -55.92 N | 24.21 0.37 -18.98 N | 1.43 -0.05 -2.28 N | 19.74 1.81 -1.22 N | 51.74 1.77 -34.91 N | 46.31 2.96 -18.99 N | 49.43 1.39 -35.87 N | 45.26 3.84 -7.87 N | 52.86 2.41 -28.59 N | 31.03 2.26 -8.52 N | 34.82 2.72 -6.73 N | 22.19 2.01 -1.26 N | 39.23 3.41 0.00 N | 41.60 3.55 0.00 N | 39.02 3.43 0.00 N | 42.93 3.60 -2.31 N | 38.36 3.64 0.00 N | 32.08 3.00 0.00 N | 25.36 2.22 0.00 N | 44.67 3.86 -0.56 N | | |
| UNION___PROCESSING_DRP 323587 | 29.54 -1.90 -0.33 N | 4.06 -0.22 0.00 N | -0.05 -0.04 0.00 N | 42.77 -1.76 -0.57 N | 1.76 0.16 -6.01 N | 6.68 -0.21 -2.04 N | -0.54 0.02 -0.24 N | 16.14 -0.58 0.00 N | 14.42 -0.65 0.00 N | 23.22 -1.26 -0.12 N | 13.64 -0.69 -2.16 N | 31.69 -1.87 0.00 N | 20.74 -1.12 0.00 N | 19.10 -1.16 0.00 N | 24.44 -1.65 -0.73 N | 17.96 -1.09 -0.12 N | 33.79 -2.03 0.00 N | 35.86 -2.19 0.00 N | 33.48 -2.10 0.00 N | 35.07 -2.19 -0.25 N | 32.65 -2.07 0.00 N | 27.43 -1.65 0.00 N | 22.03 -1.11 0.00 N | 38.81 -1.50 -0.06 N | | |
| UPPER HUDSON___HYD 24058 | 37.13 2.03 -3.99 N | 4.53 0.25 0.00 N | -0.01 0.00 0.00 N | 53.09 2.17 -6.97 N | 68.48 -0.25 -73.15 N | 29.96 0.27 -24.83 N | 2.14 -0.04 -2.98 N | 17.40 0.68 0.00 N | 15.77 0.71 0.00 N | 27.06 1.21 -1.49 N | 39.18 0.49 -26.52 N | 34.88 1.32 0.00 N | 22.49 0.63 0.00 N | 20.84 0.58 0.00 N | 35.15 0.92 -8.87 N | 21.03 0.67 -1.43 N | 37.14 1.32 0.00 N | 39.47 1.42 0.00 N | 36.81 1.23 0.00 N | 41.57 1.53 -3.03 N | 35.95 1.24 0.00 N | 30.31 1.23 0.00 N | 24.19 1.05 0.00 N | 43.10 2.12 -0.74 N | | |
| UPPER RAQUET___HYD 24056 | 27.33 -3.68 0.11 N | 3.57 -0.70 0.00 N | -0.01 0.00 0.00 N | 35.52 -8.25 0.19 N | -5.54 0.82 1.95 N | 3.27 -0.92 0.66 N | -0.76 0.13 0.08 N | 13.09 -3.63 0.00 N | 11.84 -3.22 0.00 N | 19.36 -4.96 0.04 N | 9.21 -2.26 0.70 N | 27.84 -5.72 0.00 N | 18.45 -3.42 0.00 N | 16.66 -3.60 0.00 N | 20.84 -4.30 0.23 N | 15.59 -3.30 0.04 N | 29.72 -6.09 0.00 N | 31.19 -6.86 0.00 N | 28.90 -6.69 0.00 N | 30.21 -6.72 0.08 N | 28.93 -5.79 0.00 N | 24.21 -4.87 0.00 N | 19.89 -3.25 0.00 N | 32.24 -7.99 0.02 N | | |
| VISCHER___FERRY HYD 24020 | 36.36 1.37 -3.87 N | 4.45 0.19 0.00 N | 0.01 0.02 0.00 N | 52.50 1.78 -6.76 N | 66.39 -0.19 -71.00 N | 29.17 0.22 -24.10 N | 2.06 -0.03 -2.90 N | 17.40 0.68 0.00 N | 15.71 0.65 0.00 N | 26.92 1.13 -1.45 N | 38.43 0.56 -25.69 N | 35.08 1.52 0.00 N | 22.72 0.86 0.00 N | 21.07 0.81 0.00 N | 35.13 1.15 -8.61 N | 21.18 0.86 -1.39 N | 37.41 1.59 0.00 N | 39.75 1.70 0.00 N | 37.09 1.50 0.00 N | 41.68 1.73 -2.94 N | 36.18 1.47 0.00 N | 30.31 1.23 0.00 N | 24.15 1.01 0.00 N | 42.84 1.88 -0.72 N | | |
| WADING RIVER_IC_1 23522 | 36.87 2.72 -3.04 N | 4.67 0.39 0.00 N | -0.04 -0.03 0.00 N | 52.48 3.20 -5.33 N | 51.16 -0.35 -55.92 N | 24.19 0.36 -18.98 N | 1.44 -0.04 -2.28 N | 19.47 1.54 -1.22 N | 51.53 1.56 -34.91 N | 45.99 2.64 -18.99 N | 49.32 1.28 -35.87 N | 44.93 3.51 -7.87 N | 52.68 2.23 -28.59 N | 30.84 2.07 -8.52 N | 34.57 2.47 -6.73 N | 21.99 1.81 -1.26 N | 38.80 2.99 0.00 N | 41.16 3.11 0.00 N | 38.62 3.04 0.00 N | 42.53 3.20 -2.31 N | 37.99 3.28 0.00 N | 31.76 2.69 0.00 N | 25.09 1.95 0.00 N | 44.46 3.65 -0.56 N | | |
| WADING RIVER_IC_2 23547 | 36.87 2.72 -3.04 N | 4.67 0.39 0.00 N | -0.04 -0.03 0.00 N | 52.48 3.20 -5.33 N | 51.16 -0.35 -55.92 N | 24.19 0.36 -18.98 N | 1.44 -0.04 -2.28 N | 19.47 1.54 -1.22 N | 51.53 1.56 -34.91 N | 45.99 2.64 -18.99 N | 49.32 1.28 -35.87 N | 44.93 3.51 -7.87 N | 52.68 2.23 -28.59 N | 30.84 2.07 -8.52 N | 34.57 2.47 -6.73 N | 21.99 1.81 -1.26 N | 38.80 2.99 0.00 N | 41.16 3.11 0.00 N | 38.62 3.04 0.00 N | 42.53 3.20 -2.31 N | 37.99 3.28 0.00 N | 31.76 2.69 0.00 N | 25.09 1.95 0.00 N | 44.46 3.65 -0.56 N | | |
| WADING RIVER_IC_3 23601 | 36.87 2.72 -3.04 N | 4.67 0.39 0.00 N | -0.04 -0.03 0.00 N | 52.48 3.20 -5.33 N | 51.16 -0.35 -55.92 N | 24.19 0.36 -18.98 N | 1.44 -0.04 -2.28 N | 19.47 1.54 -1.22 N | 51.53 1.56 -34.91 N | 45.99 2.64 -18.99 N | 49.32 1.28 -35.87 N | 44.93 3.51 -7.87 N | 52.68 2.23 -28.59 N | 30.84 2.07 -8.52 N | 34.57 2.47 -6.73 N | 21.99 1.81 -1.26 N | 38.80 2.99 0.00 N | 41.16 3.11 0.00 N | 38.62 3.04 0.00 N | 42.53 3.20 -2.31 N | 37.99 3.28 0.00 N | 31.76 2.69 0.00 N | 25.09 1.95 0.00 N | 44.46 3.65 -0.56 N | | |
| WALDEN___HYDRO 24148 | 36.38 2.30 -2.97 N | 4.59 0.32 0.00 N | -0.01 0.01 0.00 N | 52.15 3.00 -5.20 N | 49.90 -0.31 -54.61 N | 23.73 0.34 -18.54 N | 1.38 -0.05 -2.23 N | 18.09 1.37 0.00 N | 16.32 1.26 0.00 N | 27.51 2.07 -1.08 N | 34.15 1.05 -20.92 N | 36.44 2.88 0.00 N | 23.62 1.76 0.00 N | 21.93 1.66 0.00 N | 33.89 2.09 -6.43 N | 21.48 1.52 -1.04 N | 38.48 2.67 0.00 N | 40.88 2.83 0.00 N | 38.31 2.73 0.00 N | 42.02 2.75 -2.26 N | 37.34 2.63 0.00 N | 31.31 2.23 0.00 N | 24.83 1.69 0.00 N | 43.77 2.97 -0.55 N | | |
| WARRENSBURG____ 23737 | 37.07 1.97 -3.99 N | 4.52 0.24 0.00 N | -0.01 0.00 0.00 N | 52.95 2.03 -6.97 N | 68.49 -0.24 -73.15 N | 29.94 0.26 -24.83 N | 2.14 -0.04 -2.98 N | 17.33 0.62 0.00 N | 15.63 0.57 0.00 N | 26.80 0.95 -1.49 N | 39.04 0.35 -26.52 N | 34.50 0.95 0.00 N | 22.25 0.39 0.00 N | 20.62 0.36 0.00 N | 34.87 0.63 -8.87 N | 20.81 0.45 -1.43 N | 36.72 0.90 0.00 N | 39.01 0.96 0.00 N | 36.41 0.82 0.00 N | 41.15 1.11 -3.03 N | 35.60 0.88 0.00 N | 30.04 0.96 0.00 N | 24.05 0.91 0.00 N | 42.90 1.91 -0.74 N | | |
| WATERSIDE___6 8 9 | 36.91 | 4.65 | -0.01 | 52.81 | 51.15 | 24.23 | 1.42 | 18.33 | 16.58 | 27.98 | 35.34 | 37.03 | 25.56 | 34.56 | 38.15 | 30.32 | 39.83 | 41.51 | 38.86 | 42.61 | 37.84 | 31.71 | 25.11 | 44.26 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| 23538 | 2.76 -3.04 N | 0.37 0.00 N | 0.01 0.00 N | 3.53 -5.33 N | -0.36 -55.91 N | 0.40 -18.98 N | -0.06 -2.28 N | 1.61 0.00 N | 1.51 0.00 N | 2.51 -1.12 N | 1.28 -21.89 N | 3.47 0.00 N | 2.17 -1.53 N | 2.03 -12.27 N | 2.53 -10.25 N | 1.83 -9.57 N | 3.26 -0.76 N | 3.46 0.00 N | 3.28 0.00 N | 3.29 -2.31 N | 3.13 0.00 N | 2.63 0.00 N | 1.97 0.00 N | 3.45 -0.56 N |
| WDELAWARE___HYD 323627 | 35.19 1.45 -2.63 N | 4.48 0.21 0.00 N | -0.01 0.01 0.00 N | 50.46 1.90 -4.61 N | 43.79 -0.19 -48.40 N | 21.49 0.21 -16.43 N | 1.14 -0.03 -1.97 N | 17.59 0.87 0.00 N | 16.11 1.04 0.00 N | 27.07 1.76 -0.96 N | 31.39 0.90 -18.33 N | 35.98 2.42 0.00 N | 23.34 1.48 0.00 N | 21.65 1.39 0.00 N | 32.80 1.75 -5.68 N | 21.12 1.28 -0.92 N | 38.13 2.31 0.00 N | 40.52 2.47 0.00 N | 37.88 2.29 0.00 N | 41.24 2.23 -2.00 N | 36.86 2.15 0.00 N | 30.87 1.80 0.00 N | 24.47 1.33 0.00 N | 43.09 2.35 -0.49 N |
| WEST BABYLON___IC 23714 | 36.90 2.75 -3.04 N | 4.66 0.38 0.00 N | -0.04 -0.02 0.00 N | 52.50 3.22 -5.33 N | 51.17 -0.34 -55.92 N | 24.19 0.35 -18.98 N | 1.43 -0.05 -2.28 N | 19.74 1.81 -1.22 N | 51.73 1.76 -34.91 N | 46.23 2.89 -18.99 N | 49.46 1.42 -35.87 N | 45.34 3.92 -7.87 N | 52.90 2.46 -28.59 N | 31.07 2.29 -8.52 N | 34.88 2.79 -6.73 N | 22.23 2.04 -1.26 N | 39.13 3.32 0.00 N | 41.56 3.51 0.00 N | 39.00 3.42 0.00 N | 42.90 3.57 -2.31 N | 38.28 3.57 0.00 N | 32.09 3.01 0.00 N | 25.37 2.23 0.00 N | 44.61 3.80 -0.56 N |
| WEST CANADA___HYD 24049 | 31.04 0.02 0.09 N | 4.27 0.00 0.00 N | -0.01 0.00 0.00 N | 43.71 -0.08 0.15 N | -6.00 0.01 1.60 N | 4.30 -0.01 0.54 N | -0.86 0.00 0.07 N | 16.67 -0.05 0.00 N | 15.03 -0.03 0.00 N | 24.26 -0.06 0.03 N | 11.57 -0.02 0.58 N | 33.49 -0.07 0.00 N | 21.82 -0.05 0.00 N | 20.23 -0.04 0.00 N | 25.15 -0.03 0.19 N | 18.86 -0.04 0.03 N | 35.78 -0.04 0.00 N | 37.99 -0.06 0.00 N | 35.52 -0.06 0.00 N | 36.88 -0.07 0.07 N | 34.67 -0.05 0.00 N | 29.03 -0.05 0.00 N | 23.11 -0.03 0.00 N | 40.11 -0.12 0.02 N |
| WESTERN_NY_WIND 24143 | 29.37 -2.12 -0.37 N | 4.04 -0.23 0.00 N | -0.07 -0.06 0.00 N | 42.86 -1.75 -0.65 N | 2.58 0.16 -6.84 N | 6.95 -0.22 -2.32 N | -0.51 0.01 -0.28 N | 16.12 -0.60 0.00 N | 14.28 -0.78 0.00 N | 22.90 -1.60 -0.14 N | 13.73 -0.89 -2.45 N | 31.17 -2.38 0.00 N | 20.38 -1.48 0.00 N | 18.70 -1.56 0.00 N | 23.95 -2.25 -0.83 N | 17.58 -1.48 -0.13 N | 33.06 -2.76 0.00 N | 35.13 -2.92 0.00 N | 32.81 -2.77 0.00 N | 34.42 -2.87 -0.28 N | 31.96 -2.76 0.00 N | 26.93 -2.15 0.00 N | 21.82 -1.32 0.00 N | 38.81 -1.51 -0.07 N |
| WETHRSFD_WT_PWR 323626 | 29.80 -1.80 -0.49 N | 4.08 -0.20 0.00 N | -0.07 -0.05 0.00 N | 43.61 -1.19 -0.86 N | 4.71 0.13 -8.98 N | 7.71 -0.19 -3.05 N | -0.42 0.02 -0.37 N | 16.23 -0.48 0.00 N | 14.35 -0.71 0.00 N | 22.97 -1.57 -0.18 N | 14.51 -0.88 -3.22 N | 31.29 -2.27 0.00 N | 20.37 -1.49 0.00 N | 18.75 -1.52 0.00 N | 24.24 -2.21 -1.09 N | 17.67 -1.43 -0.18 N | 33.09 -2.72 0.00 N | 35.30 -2.75 0.00 N | 33.08 -2.50 0.00 N | 34.81 -2.57 -0.37 N | 32.19 -2.52 0.00 N | 27.08 -2.00 0.00 N | 21.86 -1.28 0.00 N | 39.10 -1.23 -0.09 N |
| YORK___WARBASSE 23770 | 37.09 2.94 -3.04 N | 4.66 0.39 0.00 N | 0.00 0.02 0.00 N | 52.95 3.67 -5.33 N | 51.13 -0.37 -55.91 N | 24.24 0.41 -18.98 N | 1.42 -0.06 -2.28 N | 18.36 1.65 0.00 N | 16.61 1.55 0.00 N | 28.07 2.60 -1.12 N | 35.43 1.34 -21.92 N | 37.20 3.64 -0.01 N | 25.64 2.24 -1.53 N | 34.62 2.08 -12.27 N | 38.26 2.64 -10.25 N | 30.40 1.91 -9.57 N | 39.98 3.40 -0.76 N | 41.65 3.60 0.00 N | 39.02 3.44 0.00 N | 42.81 3.48 -2.32 N | 37.99 3.28 0.00 N | 31.84 2.76 -0.01 N | 28.04 2.10 -2.80 N | 44.51 3.69 -0.57 N |