

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

07/01/2006

| 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 | 35.30 | 18.28 | -15.26 | -61.11 | -6.99 | -243.71 | -308.48 | -156.88 | 28.76 | 51.76 | 67.16 | 66.25 | 66.16 | 65.55 | 65.50 | 65.17 | 63.34 | 62.08 | 56.37 | 46.69 | 24.37 | 34.83 | 43.14 | 42.61 |
| 24138 | 1.90 | 1.05 | -0.79 | -3.41 | -0.24 | -11.83 | -11.62 | -6.43 | 1.83 | 2.68 | 2.56 | 3.14 | 3.74 | 3.59 | 4.71 | 4.94 | 4.36 | 5.01 | 4.69 | 4.28 | 2.07 | 2.76 | 3.20 | 2.66 |
| | -5.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -16.13 | -35.40 | -28.96 | -22.89 | -25.13 | -16.03 | -16.55 | -19.99 | -11.53 | -7.54 | -1.84 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 74TH STREET_GT_1 | 35.41 | 18.30 | -15.27 | -61.13 | -7.00 | -243.90 | -308.66 | -156.93 | 28.77 | 52.10 | 67.78 | 66.73 | 66.53 | 65.94 | 65.97 | 65.73 | 63.99 | 62.47 | 56.62 | 46.76 | 24.37 | 34.85 | 43.17 | 42.65 |
| 24260 | 1.93 | 1.07 | -0.81 | -3.44 | -0.26 | -12.02 | -11.81 | -6.48 | 1.85 | 2.70 | 2.57 | 3.13 | 3.72 | 3.57 | 4.69 | 4.93 | 4.35 | 5.00 | 4.69 | 4.28 | 2.06 | 2.78 | 3.22 | 2.70 |
| | -5.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -16.44 | -36.02 | -29.44 | -23.28 | -25.55 | -16.53 | -17.12 | -20.66 | -11.93 | -7.79 | -1.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 74TH STREET_GT_2 | 35.41 | 18.30 | -15.27 | -61.13 | -7.00 | -243.90 | -308.66 | -156.93 | 28.77 | 52.10 | 67.78 | 66.73 | 66.53 | 65.94 | 65.97 | 65.73 | 63.99 | 62.47 | 56.62 | 46.76 | 24.37 | 34.85 | 43.17 | 42.65 |
| 24261 | 1.93 | 1.07 | -0.81 | -3.44 | -0.26 | -12.02 | -11.81 | -6.48 | 1.85 | 2.70 | 2.57 | 3.13 | 3.72 | 3.57 | 4.69 | 4.93 | 4.35 | 5.00 | 4.69 | 4.28 | 2.06 | 2.78 | 3.22 | 2.70 |
| | -5.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -16.44 | -36.02 | -29.44 | -23.28 | -25.55 | -16.53 | -17.12 | -20.66 | -11.93 | -7.79 | -1.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK HUDSON__FALLS | 28.72 | 17.41 | -14.61 | -58.29 | -6.64 | -232.13 | -292.93 | -149.14 | 27.38 | 33.72 | 30.26 | 35.61 | 41.07 | 38.24 | 46.62 | 45.46 | 40.49 | 47.26 | 45.82 | 42.25 | 22.87 | 32.77 | 40.86 | 40.65 |
| 24011 | 0.32 | 0.17 | -0.15 | -0.59 | 0.10 | -0.25 | 3.92 | 1.32 | 0.45 | 0.76 | 1.07 | 1.45 | 1.54 | 1.42 | 1.86 | 1.79 | 1.51 | 1.72 | 1.68 | 1.68 | 0.57 | 0.70 | 0.92 | 0.70 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 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 | 28.72 | 17.41 | -14.61 | -58.29 | -6.64 | -232.13 | -292.93 | -149.14 | 27.38 | 33.72 | 30.26 | 35.61 | 41.07 | 38.24 | 46.62 | 45.46 | 40.49 | 47.26 | 45.82 | 42.25 | 22.87 | 32.77 | 40.86 | 40.65 |
| 23798 | 0.32 | 0.17 | -0.15 | -0.59 | 0.10 | -0.25 | 3.92 | 1.32 | 0.45 | 0.76 | 1.07 | 1.45 | 1.54 | 1.42 | 1.86 | 1.79 | 1.51 | 1.72 | 1.68 | 1.68 | 0.57 | 0.70 | 0.92 | 0.70 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 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 | 28.72 | 17.41 | -14.61 | -58.29 | -6.64 | -232.13 | -292.93 | -149.14 | 27.38 | 33.72 | 30.26 | 35.61 | 41.07 | 38.24 | 46.62 | 45.46 | 40.49 | 47.26 | 45.82 | 42.25 | 22.87 | 32.77 | 40.86 | 40.65 |
| 24028 | 0.32 | 0.17 | -0.15 | -0.59 | 0.10 | -0.25 | 3.92 | 1.32 | 0.45 | 0.76 | 1.07 | 1.45 | 1.54 | 1.42 | 1.86 | 1.79 | 1.51 | 1.72 | 1.68 | 1.68 | 0.57 | 0.70 | 0.92 | 0.70 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 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 | 29.53 | 17.83 | -14.99 | -59.92 | -6.83 | -238.66 | -301.03 | -152.42 | 27.69 | 34.07 | 30.53 | 35.90 | 41.39 | 38.54 | 47.03 | 45.90 | 40.91 | 47.77 | 46.29 | 42.70 | 23.13 | 33.14 | 41.42 | 41.21 |
| 23527 | 1.13 | 0.60 | -0.53 | -2.23 | -0.09 | -6.78 | -4.18 | -1.97 | 0.77 | 1.11 | 1.34 | 1.73 | 1.86 | 1.71 | 2.27 | 2.22 | 1.93 | 2.23 | 2.15 | 2.13 | 0.82 | 1.07 | 1.48 | 1.27 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 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 | 29.27 | 17.72 | -14.88 | -59.36 | -6.81 | -237.08 | -300.68 | -152.47 | 27.59 | 33.85 | 30.05 | 35.28 | 40.68 | 37.95 | 46.13 | 44.87 | 40.06 | 46.72 | 45.23 | 41.79 | 22.91 | 32.90 | 41.32 | 41.10 |
| 24190 | 0.87 | 0.49 | -0.41 | -1.67 | -0.07 | -5.20 | -3.83 | -2.03 | 0.67 | 0.89 | 0.86 | 1.12 | 1.15 | 1.12 | 1.37 | 1.19 | 1.08 | 1.18 | 1.09 | 1.22 | 0.61 | 0.83 | 1.37 | 1.16 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 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 | 29.27 | 17.72 | -14.88 | -59.36 | -6.81 | -237.08 | -300.68 | -152.47 | 27.59 | 33.85 | 30.05 | 35.28 | 40.68 | 37.95 | 46.13 | 44.87 | 40.06 | 46.72 | 45.23 | 41.79 | 22.91 | 32.90 | 41.32 | 41.10 |
| 23571 | 0.87 | 0.49 | -0.41 | -1.67 | -0.07 | -5.20 | -3.83 | -2.03 | 0.67 | 0.89 | 0.86 | 1.12 | 1.15 | 1.12 | 1.37 | 1.19 | 1.08 | 1.18 | 1.09 | 1.22 | 0.61 | 0.83 | 1.37 | 1.16 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 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 | 29.27 | 17.72 | -14.88 | -59.36 | -6.81 | -237.08 | -300.68 | -152.47 | 27.59 | 33.85 | 30.05 | 35.28 | 40.68 | 37.95 | 46.13 | 44.87 | 40.06 | 46.72 | 45.23 | 41.79 | 22.91 | 32.90 | 41.32 | 41.10 |
| 23572 | 0.87 | 0.49 | -0.41 | -1.67 | -0.07 | -5.20 | -3.83 | -2.03 | 0.67 | 0.89 | 0.86 | 1.12 | 1.15 | 1.12 | 1.37 | 1.19 | 1.08 | 1.18 | 1.09 | 1.22 | 0.61 | 0.83 | 1.37 | 1.16 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 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 | 29.27 | 17.72 | -14.88 | -59.36 | -6.81 | -237.08 | -300.68 | -152.47 | 27.59 | 33.85 | 30.05 | 35.28 | 40.68 | 37.95 | 46.13 | 44.87 | 40.06 | 46.72 | 45.23 | 41.79 | 22.91 | 32.90 | 41.32 | 41.10 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|-------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| 23573 | 0.87 0.00 N | 0.49 0.00 N | -0.41 0.00 N | -1.67 0.00 N | -0.07 0.00 N | -5.20 0.00 N | -3.83 0.00 N | -2.03 0.00 N | 0.67 0.00 N | 0.89 0.00 N | 0.86 0.00 N | 1.12 0.00 N | 1.15 0.00 N | 1.12 0.00 N | 1.37 0.00 N | 1.19 0.00 N | 1.08 0.00 N | 1.18 0.00 N | 1.09 0.00 N | 1.22 0.00 N | 0.61 0.00 N | 0.83 0.00 N | 1.37 0.00 N | 1.16 0.00 N |
| ALBANY____4 23574 | 29.27 0.87 0.00 N | 17.72 0.49 0.00 N | -14.88 -0.41 0.00 N | -59.36 -1.67 0.00 N | -6.81 -0.07 0.00 N | -237.08 -5.20 0.00 N | -300.68 -3.83 0.00 N | -152.47 -2.03 0.00 N | 27.59 0.67 0.00 N | 33.85 0.89 0.00 N | 30.05 0.86 0.00 N | 35.28 1.12 0.00 N | 40.68 1.15 0.00 N | 37.95 1.12 0.00 N | 46.13 1.37 0.00 N | 44.87 1.19 0.00 N | 40.06 1.08 0.00 N | 46.72 1.18 0.00 N | 45.23 1.09 0.00 N | 41.79 1.22 0.00 N | 22.91 0.61 0.00 N | 32.90 0.83 0.00 N | 41.32 1.37 0.00 N | 41.10 1.16 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 28.27 -0.13 0.00 N | 17.22 -0.02 0.00 N | -14.42 0.05 0.00 N | -57.46 0.23 0.00 N | -6.72 0.01 0.00 N | -232.21 -0.33 0.00 N | -298.47 -1.62 0.00 N | -151.43 -0.98 0.00 N | 27.17 0.25 0.00 N | 33.02 0.06 0.00 N | 29.04 -0.16 0.00 N | 33.83 -0.33 0.00 N | 39.08 -0.45 0.00 N | 36.31 -0.52 0.00 N | 43.85 -0.91 0.00 N | 42.35 -1.33 0.00 N | 37.64 -1.34 0.00 N | 44.12 -1.43 0.00 N | 42.84 -1.30 0.00 N | 39.41 -1.17 0.00 N | 21.80 -0.50 0.00 N | 31.54 -0.53 0.00 N | 39.40 -0.55 0.00 N | 39.67 -0.27 0.00 N |
| ALLEGHENY____COGEN 23514 | 26.94 -1.46 0.00 N | 16.24 -0.99 0.00 N | -13.77 0.69 0.00 N | -54.71 2.98 0.00 N | -6.84 -0.10 0.00 N | -223.13 8.75 0.00 N | -293.03 3.83 0.00 N | -148.57 1.88 0.00 N | 25.45 -1.48 0.00 N | 31.53 -1.43 0.00 N | 28.15 -1.04 0.00 N | 32.92 -1.25 0.00 N | 38.34 -1.20 0.00 N | 35.75 -1.07 0.00 N | 43.62 -1.14 0.00 N | 43.50 -0.18 0.00 N | 38.76 -0.22 0.00 N | 44.97 -0.57 0.00 N | 43.60 -0.54 0.00 N | 39.74 -0.84 0.00 N | 22.04 -0.26 0.00 N | 31.74 -0.34 0.00 N | 38.98 -0.96 0.00 N | 38.68 -1.27 0.00 N |
| AMERICAN_REF_FUEL 24010 | 26.02 -2.38 0.00 N | 15.69 -1.54 0.00 N | -13.39 1.08 0.00 N | -53.18 4.51 0.00 N | -6.92 -0.18 0.00 N | -218.39 13.49 0.00 N | -287.96 8.90 0.00 N | -146.44 4.00 0.00 N | 24.14 -2.79 0.00 N | 29.57 -3.39 0.00 N | 26.34 -2.86 0.00 N | 30.54 -3.62 0.00 N | 35.42 -4.11 0.00 N | 32.94 -3.88 0.00 N | 40.13 -4.63 0.00 N | 40.42 -3.26 0.00 N | 36.11 -2.87 0.00 N | 41.74 -3.81 0.00 N | 40.60 -3.54 0.00 N | 36.87 -3.70 0.00 N | 20.69 -1.61 0.00 N | 30.01 -2.06 0.00 N | 36.89 -3.05 0.00 N | 37.15 -2.79 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 35.31 1.83 -5.08 N | 18.24 1.01 0.00 N | -15.22 -0.76 0.00 N | -60.84 -3.15 0.00 N | -6.96 -0.22 0.00 N | -243.12 -11.25 0.00 N | -307.22 -10.37 0.00 N | -156.18 -5.73 0.00 N | 28.68 1.76 0.00 N | 51.99 2.59 -16.44 N | 67.61 2.40 -36.02 N | 66.59 2.98 -29.45 N | 71.13 3.55 -28.05 N | 65.79 3.40 -25.57 N | 98.61 4.43 -49.42 N | 65.56 4.75 -17.13 N | 100.60 4.19 -57.43 N | 105.01 4.82 -54.66 N | 71.43 4.52 -22.77 N | 96.18 4.16 -51.46 N | 57.58 1.97 -33.32 N | 104.45 2.58 -69.79 N | 78.48 3.08 -35.46 N | 57.33 2.57 -14.82 N |
| ARTHUR_KILL_2 23512 | 35.31 1.83 -5.08 N | 18.24 1.01 0.00 N | -15.22 -0.76 0.00 N | -60.84 -3.15 0.00 N | -6.96 -0.22 0.00 N | -243.12 -11.25 0.00 N | -307.22 -10.37 0.00 N | -156.18 -5.73 0.00 N | 28.68 1.76 0.00 N | 51.99 2.59 -16.44 N | 67.61 2.40 -36.02 N | 66.59 2.98 -29.45 N | 71.13 3.55 -28.05 N | 65.79 3.40 -25.57 N | 98.61 4.43 -49.42 N | 65.56 4.75 -17.13 N | 100.60 4.19 -57.43 N | 105.01 4.82 -54.66 N | 71.43 4.52 -22.77 N | 96.18 4.16 -51.46 N | 57.58 1.96 -33.32 N | 104.45 2.58 -69.79 N | 78.48 3.08 -35.46 N | 57.33 2.57 -14.82 N |
| ARTHUR_KILL_3 23513 | 35.24 1.80 -5.05 N | 18.23 0.99 0.00 N | -15.21 -0.75 0.00 N | -60.96 -3.27 0.00 N | -6.96 -0.22 0.00 N | -243.07 -11.19 0.00 N | -307.44 -10.59 0.00 N | -156.23 -5.78 0.00 N | 28.65 1.72 0.00 N | 51.80 2.54 -16.30 N | 67.37 2.44 -35.74 N | 66.39 3.00 -29.22 N | 68.08 3.60 -24.95 N | 65.67 3.48 -25.37 N | 81.31 4.59 -31.95 N | 65.35 4.82 -16.85 N | 78.75 4.25 -35.51 N | 78.72 4.89 -28.28 N | 62.17 4.56 -13.47 N | 65.80 4.17 -21.06 N | 37.20 1.99 -12.90 N | 83.88 2.66 -49.15 N | 56.73 3.06 -13.73 N | 48.18 2.50 -5.74 N |
| ASHOKAN____ 23654 | 30.34 1.94 0.00 N | 18.30 1.07 0.00 N | -15.31 -0.84 0.00 N | -61.13 -3.44 0.00 N | -7.01 -0.27 0.00 N | -244.01 -12.14 0.00 N | -309.98 -13.13 0.00 N | -157.59 -7.14 0.00 N | 28.69 1.77 0.00 N | 35.46 2.50 0.00 N | 31.65 2.45 0.00 N | 37.22 3.05 0.00 N | 43.18 3.64 0.00 N | 40.32 3.50 0.00 N | 49.30 4.54 0.00 N | 48.35 4.68 0.00 N | 43.12 4.14 0.00 N | 50.33 4.79 0.00 N | 48.65 4.51 0.00 N | 44.70 4.13 0.00 N | 24.34 2.04 0.00 N | 34.83 2.76 0.00 N | 43.19 3.25 0.00 N | 42.73 2.78 0.00 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 35.38 1.90 -5.08 N | 18.27 1.04 0.00 N | -15.24 -0.77 0.00 N | -61.23 -3.54 0.00 N | -6.97 -0.23 0.00 N | -243.93 -12.06 0.00 N | -307.55 -10.70 0.00 N | -156.13 -5.67 0.00 N | 28.77 1.84 0.00 N | 52.09 2.69 -16.44 N | 67.64 2.42 -36.02 N | 66.68 3.08 -29.44 N | 66.46 3.65 -23.28 N | 65.82 3.44 -25.55 N | 65.87 4.58 -16.53 N | 65.59 4.79 -17.12 N | 63.86 4.22 -20.66 N | 62.34 4.87 -11.93 N | 56.49 4.56 -7.79 N | 46.67 4.20 -1.90 N | 24.27 1.98 0.00 N | 34.71 2.64 0.00 N | 43.10 3.15 0.00 N | 42.56 2.62 0.00 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 35.38 1.90 -5.08 N | 18.27 1.04 0.00 N | -15.24 -0.77 0.00 N | -61.23 -3.54 0.00 N | -6.97 -0.23 0.00 N | -243.93 -12.06 0.00 N | -307.55 -10.70 0.00 N | -156.13 -5.67 0.00 N | 28.77 1.84 0.00 N | 52.09 2.69 -16.44 N | 67.64 2.42 -36.02 N | 66.68 3.08 -29.44 N | 66.46 3.65 -23.28 N | 65.82 3.44 -25.55 N | 65.87 4.58 -16.53 N | 65.59 4.79 -17.12 N | 63.86 4.22 -20.66 N | 62.34 4.87 -11.93 N | 56.49 4.56 -7.79 N | 46.67 4.20 -1.90 N | 24.27 1.98 0.00 N | 34.71 2.64 0.00 N | 43.10 3.15 0.00 N | 42.56 2.62 0.00 N |
| ASTORIA_GT2_1 24094 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.96 -0.23 0.00 N | -243.99 -12.12 0.00 N | -307.63 -10.78 0.00 N | -156.17 -5.72 0.00 N | 28.78 1.86 0.00 N | 52.11 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.85 3.47 -25.55 N | 65.90 4.61 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.25 -20.66 N | 62.37 4.90 -11.93 N | 56.51 4.58 -7.79 N | 46.69 4.22 -1.90 N | 24.28 1.99 0.00 N | 34.73 2.66 0.00 N | 43.13 3.18 0.00 N | 42.59 2.64 0.00 N |
| ASTORIA_GT2_2 24095 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.96 -0.23 0.00 N | -243.99 -12.12 0.00 N | -307.63 -10.78 0.00 N | -156.17 -5.72 0.00 N | 28.78 1.86 0.00 N | 52.11 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.85 3.47 -25.55 N | 65.90 4.61 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.25 -20.66 N | 62.37 4.90 -11.93 N | 56.51 4.58 -7.79 N | 46.69 4.22 -1.90 N | 24.28 1.99 0.00 N | 34.73 2.66 0.00 N | 43.13 3.18 0.00 N | 42.59 2.64 0.00 N |
| ASTORIA_GT2_3 24096 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.96 -0.23 0.00 N | -243.99 -12.12 0.00 N | -307.63 -10.78 0.00 N | -156.17 -5.72 0.00 N | 28.78 1.86 0.00 N | 52.11 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.85 3.47 -25.55 N | 65.90 4.61 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.25 -20.66 N | 62.37 4.90 -11.93 N | 56.51 4.58 -7.79 N | 46.69 4.22 -1.90 N | 24.28 1.99 0.00 N | 34.73 2.66 0.00 N | 43.13 3.18 0.00 N | 42.59 2.64 0.00 N |

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| ASTORIA_GT2_4 24097 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.96 -0.23 0.00 N | -243.99 -12.12 0.00 N | -307.63 -10.78 0.00 N | -156.17 -5.72 0.00 N | 28.78 1.86 0.00 N | 52.11 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.85 3.47 -25.55 N | 65.90 4.61 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.25 -20.66 N | 62.37 4.90 -11.93 N | 56.51 4.58 -7.79 N | 46.69 4.22 -1.90 N | 24.28 1.99 0.00 N | 34.73 2.66 0.00 N | 43.13 3.18 0.00 N | 42.59 2.64 0.00 N |
| ASTORIA_GT3_1 24098 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.96 -0.23 0.00 N | -243.99 -12.12 0.00 N | -307.63 -10.78 0.00 N | -156.17 -5.72 0.00 N | 28.78 1.86 0.00 N | 52.11 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.85 3.47 -25.55 N | 65.90 4.61 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.25 -20.66 N | 62.37 4.90 -11.93 N | 56.51 4.58 -7.79 N | 46.69 4.22 -1.90 N | 24.28 1.99 0.00 N | 34.73 2.66 0.00 N | 43.13 3.18 0.00 N | 42.59 2.64 0.00 N |
| ASTORIA_GT3_2 24099 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.96 -0.23 0.00 N | -243.99 -12.12 0.00 N | -307.63 -10.78 0.00 N | -156.17 -5.72 0.00 N | 28.78 1.86 0.00 N | 52.11 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.85 3.47 -25.55 N | 65.90 4.61 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.25 -20.66 N | 62.37 4.90 -11.93 N | 56.51 4.58 -7.79 N | 46.69 4.22 -1.90 N | 24.28 1.99 0.00 N | 34.73 2.66 0.00 N | 43.13 3.18 0.00 N | 42.59 2.64 0.00 N |
| ASTORIA_GT3_3 24100 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.96 -0.23 0.00 N | -243.99 -12.12 0.00 N | -307.63 -10.78 0.00 N | -156.17 -5.72 0.00 N | 28.78 1.86 0.00 N | 52.11 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.85 3.47 -25.55 N | 65.90 4.61 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.25 -20.66 N | 62.37 4.90 -11.93 N | 56.51 4.58 -7.79 N | 46.69 4.22 -1.90 N | 24.28 1.99 0.00 N | 34.73 2.66 0.00 N | 43.13 3.18 0.00 N | 42.59 2.64 0.00 N |
| ASTORIA_GT3_4 24101 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.96 -0.23 0.00 N | -243.99 -12.12 0.00 N | -307.63 -10.78 0.00 N | -156.17 -5.72 0.00 N | 28.78 1.86 0.00 N | 52.11 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.85 3.47 -25.55 N | 65.90 4.61 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.25 -20.66 N | 62.37 4.90 -11.93 N | 56.51 4.58 -7.79 N | 46.69 4.22 -1.90 N | 24.28 1.99 0.00 N | 34.73 2.66 0.00 N | 43.13 3.18 0.00 N | 42.59 2.64 0.00 N |
| ASTORIA_GT4_1 24102 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.96 -0.23 0.00 N | -243.99 -12.12 0.00 N | -307.63 -10.78 0.00 N | -156.17 -5.72 0.00 N | 28.78 1.86 0.00 N | 52.11 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.85 3.47 -25.55 N | 65.90 4.61 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.25 -20.66 N | 62.37 4.90 -11.93 N | 56.51 4.58 -7.79 N | 46.69 4.22 -1.90 N | 24.28 1.99 0.00 N | 34.73 2.66 0.00 N | 43.13 3.18 0.00 N | 42.59 2.64 0.00 N |
| ASTORIA_GT4_2 24103 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.96 -0.23 0.00 N | -243.99 -12.12 0.00 N | | | | | | | | | | | | | | | | | | |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---|
| ASTORIA_GT_5 24106 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.96 -0.23 0.00 N | -243.99 -12.12 0.00 N | -307.63 -10.78 0.00 N | -156.17 -5.72 0.00 N | 28.78 1.86 0.00 N | 52.11 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.85 3.47 -25.55 N | 65.90 4.61 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.25 -20.66 N | 62.37 4.90 -11.93 N | 56.51 4.58 -7.79 N | 46.69 4.22 -1.90 N | 24.28 1.99 0.00 N | 34.73 2.66 0.00 N | 43.13 3.18 0.00 N | 42.59 2.64 0.00 N | |
| ASTORIA_GT_7 24107 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.96 -0.23 0.00 N | -243.99 -12.12 0.00 N | -307.63 -10.78 0.00 N | -156.17 -5.72 0.00 N | 28.78 1.86 0.00 N | 52.11 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.85 3.47 -25.55 N | 65.90 4.61 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.25 -20.66 N | 62.37 4.90 -11.93 N | 56.51 4.58 -7.79 N | 46.69 4.22 -1.90 N | 24.28 1.99 0.00 N | 34.73 2.66 0.00 N | 43.13 3.18 0.00 N | 42.59 2.64 0.00 N | |
| ASTORIA_GT_8 24108 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.96 -0.23 0.00 N | -243.99 -12.12 0.00 N | -307.63 -10.78 0.00 N | -156.17 -5.72 0.00 N | 28.78 1.86 0.00 N | 52.11 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.85 3.47 -25.55 N | 65.90 4.61 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.25 -20.66 N | 62.37 4.90 -11.93 N | 56.51 4.58 -7.79 N | 46.69 4.22 -1.90 N | 24.28 1.99 0.00 N | 34.73 2.66 0.00 N | 43.13 3.18 0.00 N | 42.59 2.64 0.00 N | |
| ASTORIA___2 24149 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.96 -0.23 0.00 N | -243.99 -12.12 0.00 N | -307.63 -10.78 0.00 N | -156.17 -5.72 0.00 N | 28.78 1.86 0.00 N | 52.11 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.85 3.47 -25.55 N | 65.90 4.61 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.25 -20.66 N | 62.37 4.90 -11.93 N | 56.51 4.58 -7.79 N | 46.69 4.22 -1.90 N | 24.28 1.99 0.00 N | 34.73 2.66 0.00 N | 43.13 3.18 0.00 N | 42.59 2.64 0.00 N | |
| ASTORIA___3 23516 | 35.45 1.97 -5.08 N | 18.33 1.09 0.00 N | -15.28 -0.82 0.00 N | -61.19 -3.49 0.00 N | -7.01 -0.27 0.00 N | -244.07 -12.19 0.00 N | -308.49 -11.64 0.00 N | -156.65 -6.20 0.00 N | 28.77 1.84 0.00 N | 52.09 2.70 -16.44 N | 67.73 2.51 -36.02 N | 66.68 3.07 -29.44 N | 66.46 3.64 -23.28 N | 65.86 3.48 -25.55 N | 65.88 4.60 -16.53 N | 65.62 4.82 -17.12 N | 63.88 4.24 -20.66 N | 62.38 4.90 -11.93 N | 56.55 4.62 -7.79 N | 46.71 4.24 -1.90 N | 24.33 2.03 0.00 N | 34.76 2.69 0.00 N | 43.08 3.14 0.00 N | 42.56 2.61 0.00 N | |
| ASTORIA___4 23517 | 35.45 1.97 -5.08 N | 18.33 1.09 0.00 N | -15.28 -0.82 0.00 N | -61.19 -3.49 0.00 N | -7.01 -0.27 0.00 N | -244.07 -12.19 0.00 N | -308.49 -11.64 0.00 N | -156.63 -6.18 0.00 N | 28.77 1.84 0.00 N | 52.09 2.70 -16.44 N | 67.73 2.51 -36.02 N | 66.68 3.07 -29.44 N | 66.46 3.64 -23.28 N | 65.86 3.48 -25.55 N | 65.88 4.59 -16.53 N | 65.62 4.82 -17.12 N | 63.88 4.24 -20.66 N | 62.38 4.90 -11.93 N | 56.55 4.62 -7.79 N | 46.71 4.24 -1.90 N | 24.33 2.03 0.00 N | 34.76 2.69 0.00 N | 43.08 3.14 0.00 N | 42.56 2.61 0.00 N | |
| ASTORIA___5 23518 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.23 -3.54 0.00 N | -6.97 -0.23 0.00 N | -243.99 -12.12 0.00 N | -307.63 -10.78 0.00 N | -156.17 -5.72 0.00 N | 28.78 1.86 0.00 N | 52.11 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.85 3.47 -25.55 N | 65.90 4.61 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.25 -20.66 N | 62.37 4.90 -11.93 N | 56.51 4.58 -7.79 N | 46.69 4.22 -1.90 N | 24.28 1.99 0.00 N | 34.73 2.65 0.00 N | 43.13 3.18 0.00 N | 42.59 2.64 0.00 N | |
| ATHENS_STG_1 23668 | 29.34 0.94 0.00 N | 17.78 0.55 0.00 N | -14.90 -0.44 0.00 N | -59.57 -1.88 0.00 N | -6.83 -0.09 0.00 N | -237.86 -5.99 0.00 N | -301.73 -4.88 0.00 N | -153.03 -2.58 0.00 N | 27.72 0.80 0.00 N | 34.17 1.22 0.00 N | 30.44 1.25 0.00 N | 35.73 1.56 0.00 N | 41.34 1.81 0.00 N | 38.57 1.74 0.00 N | 47.08 2.32 0.00 N | 46.09 2.41 0.00 N | 41.11 2.13 0.00 N | 47.95 2.40 0.00 N | 46.40 2.26 0.00 N | 42.72 2.15 0.00 N | 23.29 0.99 0.00 N | 33.37 1.30 0.00 N | 41.48 1.54 0.00 N | 41.14 1.19 0.00 N | |
| ATHENS_STG_2 23670 | 29.34 0.94 0.00 N | 17.78 0.55 0.00 N | -14.90 -0.44 0.00 N | -59.57 -1.88 0.00 N | -6.83 -0.09 0.00 N | -237.86 -5.99 0.00 N | -301.73 -4.88 0.00 N | -153.03 -2.58 0.00 N | 27.72 0.80 0.00 N | 34.17 1.22 0.00 N | 30.44 1.25 0.00 N | 35.73 1.56 0.00 N | 41.34 1.81 0.00 N | 38.57 1.74 0.00 N | 47.08 2.32 0.00 N | 46.09 2.41 0.00 N | 41.11 2.13 0.00 N | 47.95 2.40 0.00 N | 46.40 2.26 0.00 N | 42.72 2.15 0.00 N | 23.29 0.99 0.00 N | 33.37 1.30 0.00 N | 41.48 1.54 0.00 N | 41.14 1.19 0.00 N | |
| ATHENS_STG_3 23677 | 29.34 0.94 0.00 N | 17.78 0.55 0.00 N | -14.90 -0.44 0.00 N | -59.57 -1.88 0.00 N | -6.83 -0.09 0.00 N | -237.86 -5.99 0.00 N | -301.73 -4.88 0.00 N | -153.03 -2.58 0.00 N | 27.72 0.80 0.00 N | 34.17 1.22 0.00 N | 30.44 1.25 0.00 N | 35.73 1.56 0.00 N | 41.34 1.81 0.00 N | 38.57 1.74 0.00 N | 47.08 2.32 0.00 N | 46.09 2.41 0.00 N | 41.11 2.13 0.00 N | 47.95 2.40 0.00 N | 46.40 2.26 0.00 N | 42.72 2.15 0.00 N | 23.29 0.99 0.00 N | 33.37 1.30 0.00 N | 41.48 1.54 0.00 N | 41.14 1.19 0.00 N | |
| BARRETT_IC_1 23704 | 70.06 2.25 -39.41 N | 66.35 1.28 -47.83 N | 16.78 -1.04 -32.27 N | -51.54 -4.18 -10.33 N | -7.05 -0.31 0.00 N | -245.93 -14.05 0.00 N | -311.43 -14.58 0.00 N | -154.76 -8.19 -3.87 N | 67.72 2.13 -38.67 N | 72.63 3.02 -36.65 N | 75.46 2.75 -43.52 N | 76.72 3.28 -39.28 N | 80.78 3.88 -37.36 N | 79.49 3.78 -38.88 N | 78.03 4.92 -28.35 N | 76.57 5.21 -27.69 N | 76.08 4.60 -32.50 N | 76.06 5.28 -25.24 N | 115.58 4.96 -66.47 N | 76.07 4.56 -30.93 N | 75.46 2.26 -50.91 N | 77.48 2.99 -42.42 N | 72.33 3.62 -28.77 N | 71.32 3.04 -28.34 N | |
| BARRETT_IC_10 23701 | 70.06 2.25 -39.41 N | 66.35 1.28 -47.83 N | 16.78 -1.04 -32.27 N | -51.54 -4.18 -10.33 N | -7.05 -0.31 0.00 N | -245.93 -14.05 0.00 N | -311.43 -14.58 0.00 N | -154.76 -8.19 -3.87 N | 67.72 2.13 -38.67 N | 72.63 3.02 -36.65 N | 75.46 2.75 -43.52 N | 76.72 3.28 -39.28 N | 80.78 3.88 -37.36 N | 79.49 3.78 -38.88 N | 78.03 4.92 -28.35 N | 76.57 5.21 -27.69 N | 76.08 4.60 -32.50 N | 76.06 5.28 -25.24 N | 115.58 4.96 -66.47 N | 76.07 4.56 -30.93 N | 75.46 2.26 -50.91 N | 77.48 2.99 -42.42 N | 72.33 3.62 -28.77 N | 71.32 3.04 -28.34 N | |
| BARRETT_IC_11 23702 | 70.06 2.25 -39.41 N | 66.35 1.28 -47.83 N | 16.78 -1.04 -32.27 N | -51.54 -4.18 -10.33 N | -7.05 -0.31 0.00 N | -245.93 -14.05 0.00 N | -311.43 -14.58 0.00 N | -154.76 -8.19 -3.87 N | 67.72 2.13 -38.67 N | 72.63 3.02 -36.65 N | 75.46 2.75 -43.52 N | 76.72 3.28 -39.28 N | 80.78 3.88 -37.36 N | 79.49 3.78 -38.88 N | 78.03 4.92 -28.35 N | 76.57 5.21 -27.69 N | 76.08 4.60 -32.50 N | 76.06 5.28 -25.24 N | 115.58 4.96 -66.47 N | 76.07 4.56 -30.93 N | 75.46 2.26 -50.91 N | 77.48 2.99 -42.42 N | 72.33 3.62 -28.77 N | 71.32 3.04 -28.34 N | |
| BARRETT_IC_12 | 70.06 | 66.35 | 16.78 | -51.54 | -7.05 | -245.93 | -311.43 | -154.76 | 67.72 | 72.63 | 75.46 | 76.72 | 80.78 | 79.49 | 78.03 | 76.57 | 76.08 | 76.06 | 115.58 | 76.07 | 75.46 | 77.48 | 72.33 | 71.32 | |

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| 23703 | 2.25 -39.41 N | 1.28 -47.83 N | -1.04 -32.27 N | -4.18 -10.33 N | -0.31 0.00 N | -14.05 0.00 N | -14.58 0.00 N | -8.19 -3.87 N | 2.13 -38.67 N | 3.02 -36.65 N | 2.75 -43.52 N | 3.28 -39.28 N | 3.88 -37.36 N | 3.78 -38.88 N | 4.92 -28.35 N | 5.21 -27.69 N | 4.60 -32.50 N | 5.28 -25.24 N | 4.96 -66.47 N | 4.56 -30.93 N | 2.26 -50.91 N | 2.99 -42.42 N | 3.62 -28.77 N | 3.04 -28.34 N |
| BARRETT_IC_2 23705 | 70.06 2.25 -39.41 N | 66.35 1.28 -47.83 N | 16.78 -1.04 -32.27 N | -51.54 -4.18 -10.33 N | -7.05 -0.31 0.00 N | -245.93 -14.05 0.00 N | -311.43 -14.58 0.00 N | -154.76 -8.19 -3.87 N | 67.72 2.13 -38.67 N | 72.63 3.02 -36.65 N | 75.46 2.75 -43.52 N | 76.72 3.28 -39.28 N | 80.78 3.88 -37.36 N | 79.49 3.78 -38.88 N | 78.03 4.92 -28.35 N | 76.57 5.21 -27.69 N | 76.08 4.60 -32.50 N | 76.06 5.28 -25.24 N | 115.58 4.96 -66.47 N | 76.07 4.56 -30.93 N | 75.46 2.26 -50.91 N | 77.48 2.99 -42.42 N | 72.33 3.62 -28.77 N | 71.32 3.04 -28.34 N |
| BARRETT_IC_3 23706 | 70.06 2.25 -39.41 N | 66.35 1.28 -47.83 N | 16.78 -1.04 -32.27 N | -51.54 -4.18 -10.33 N | -7.05 -0.31 0.00 N | -245.93 -14.05 0.00 N | -311.43 -14.58 0.00 N | -154.76 -8.19 -3.87 N | 67.72 2.13 -38.67 N | 72.63 3.02 -36.65 N | 75.46 2.75 -43.52 N | 76.72 3.28 -39.28 N | 80.78 3.88 -37.36 N | 79.49 3.78 -38.88 N | 78.03 4.92 -28.35 N | 76.57 5.21 -27.69 N | 76.08 4.60 -32.50 N | 76.06 5.28 -25.24 N | 115.58 4.96 -66.47 N | 76.07 4.56 -30.93 N | 75.46 2.26 -50.91 N | 77.48 2.99 -42.42 N | 72.33 3.62 -28.77 N | 71.32 3.04 -28.34 N |
| BARRETT_IC_4 23707 | 70.06 2.25 -39.41 N | 66.35 1.28 -47.83 N | 16.78 -1.04 -32.27 N | -51.54 -4.18 -10.33 N | -7.05 -0.31 0.00 N | -245.93 -14.05 0.00 N | -311.43 -14.58 0.00 N | -154.76 -8.19 -3.87 N | 67.72 2.13 -38.67 N | 72.63 3.02 -36.65 N | 75.46 2.75 -43.52 N | 76.72 3.28 -39.28 N | 80.78 3.88 -37.36 N | 79.49 3.78 -38.88 N | 78.03 4.92 -28.35 N | 76.57 5.21 -27.69 N | 76.08 4.60 -32.50 N | 76.06 5.28 -25.24 N | 115.58 4.96 -66.47 N | 76.07 4.56 -30.93 N | 75.46 2.26 -50.91 N | 77.48 2.99 -42.42 N | 72.33 3.62 -28.77 N | 71.32 3.04 -28.34 N |
| BARRETT_IC_5 23708 | 70.06 2.25 -39.41 N | 66.35 1.28 -47.83 N | 16.78 -1.04 -32.27 N | -51.54 -4.18 -10.33 N | -7.05 -0.31 0.00 N | -245.93 -14.05 0.00 N | -311.43 -14.58 0.00 N | -154.76 -8.19 -3.87 N | 67.72 2.13 -38.67 N | 72.63 3.02 -36.65 N | 75.46 2.75 -43.52 N | 76.72 3.28 -39.28 N | 80.78 3.88 -37.36 N | 79.49 3.78 -38.88 N | 78.03 4.92 -28.35 N | 76.57 5.21 -27.69 N | 76.08 4.60 -32.50 N | 76.06 5.28 -25.24 N | 115.58 4.96 -66.47 N | 76.07 4.56 -30.93 N | 75.46 2.26 -50.91 N | 77.48 2.99 -42.42 N | 72.33 3.62 -28.77 N | 71.32 3.04 -28.34 N |
| BARRETT_IC_6 23709 | 70.06 2.25 -39.41 N | 66.35 1.28 -47.83 N | 16.78 -1.04 -32.27 N | -51.54 -4.18 -10.33 N | -7.05 -0.31 0.00 N | -245.93 -14.05 0.00 N | -311.43 -14.58 0.00 N | -154.76 -8.19 -3.87 N | 67.72 2.13 -38.67 N | 72.63 3.02 -36.65 N | 75.46 2.75 -43.52 N | 76.72 3.28 -39.28 N | 80.78 3.88 -37.36 N | 79.49 3.78 -38.88 N | 78.03 4.92 -28.35 N | 76.57 5.21 -27.69 N | 76.08 4.60 -32.50 N | 76.06 5.28 -25.24 N | 115.58 4.96 -66.47 N | 76.07 4.56 -30.93 N | 75.46 2.26 -50.91 N | 77.48 2.99 -42.42 N | 72.33 3.62 -28.77 N | 71.32 3.04 -28.34 N |
| BARRETT_IC_7 23710 | 70.06 2.25 -39.41 N | 66.35 1.28 -47.83 N | 16.78 -1.04 -32.27 N | -51.54 -4.18 -10.33 N | -7.05 -0.31 0.00 N | -245.93 -14.05 0.00 N | -311.43 -14.58 0.00 N | -154.76 -8.19 -3.87 N | 67.72 2.13 -38.67 N | 72.63 3.02 -36.65 N | 75.46 2.75 -43.52 N | 76.72 3.28 -39.28 N | 80.78 3.88 -37.36 N | 79.49 3.78 -38.88 N | 78.03 4.92 -28.35 N | 76.57 5.21 -27.69 N | 76.08 4.60 -32.50 N | 76.06 5.28 -25.24 N | 115.58 4.96 -66.47 N | 76.07 4.56 -30.93 N | 75.46 2.26 -50.91 N | 77.48 2.99 -42.42 N | 72.33 3.62 -28.77 N | 71.32 3.04 -28.34 N |
| BARRETT_IC_8 23711 | 70.06 2.25 -39.41 N | 66.35 1.28 -47.83 N | 16.78 -1.04 -32.27 N | -51.54 -4.18 -10.33 N | -7.05 -0.31 0.00 N | -245.93 -14.05 0.00 N | -311.43 -14.58 0.00 N | -154.76 -8.19 -3.87 N | 67.72 2.13 -38.67 N | 72.63 3.02 -36.65 N | 75.46 2.75 -43.52 N | 76.72 3.28 -39.28 N | 80.78 3.88 -37.36 N | 79.49 3.78 -38.88 N | 78.03 4.92 -28.35 N | 76.57 5.21 -27.69 N | 76.08 4.60 -32.50 N | 76.06 5.28 -25.24 N | 115.58 4.96 -66.47 N | 76.07 4.56 -30.93 N | 75.46 2.26 -50.91 N | 77.48 2.99 -42.42 N | 72.33 3.62 -28.77 N | 71.32 3.04 -28.34 N |
| BARRETT_IC_9 23700 | 70.06 2.25 -39.41 N | 66.35 1.28 -47.83 N | 16.78 -1.04 -32.27 N | -51.54 -4.18 -10.33 N | -7.05 -0.31 0.00 N | -245.93 -14.05 0.00 N | -311.43 -14.58 0.00 N | -154.76 -8.19 -3.87 N | 67.72 2.13 -38.67 N | 72.63 3.02 -36.65 N | 75.46 2.75 -43.52 N | 76.72 3.28 -39.28 N | 80.78 3.88 -37.36 N | 79.49 3.78 -38.88 N | 78.03 4.92 -28.35 N | 76.57 5.21 -27.69 N | 76.08 4.60 -32.50 N | 76.06 5.28 -25.24 N | 115.58 4.96 -66.47 N | 76.07 4.56 -30.93 N | 75.46 2.26 -50.91 N | 77.48 2.99 -42.42 N | 72.33 3.62 -28.77 N | 71.32 3.04 -28.34 N |
| BARRETT___1 23545 | 70.06 2.25 -39.41 N | 66.35 1.28 -47.83 N | 16.78 -1.04 -32.27 N | -51.54 -4.18 -10.33 N | -7.05 -0.31 0.00 N | -245.93 -14.05 0.00 N | -311.43 -14.58 0.00 N | -154.76 -8.19 -3.87 N | 67.72 2.13 -38.67 N | 72.63 3.02 -36.65 N | 75.46 2.75 -43.52 N | 76.72 3.28 -39.28 N | 80.78 3.88 -37.36 N | 79.49 3.78 -38.88 N | 78.03 4.92 -28.35 N | 76.57 5.21 -27.69 N | 76.08 4.60 -32.50 N | 76.06 5.28 -25.24 N | 115.58 4.96 -66.47 N | 76.07 4.56 -30.93 N | 75.46 2.26 -50.91 N | 77.48 2.99 -42.42 N | 72.33 3.62 -28.77 N | 71.32 3.04 -28.34 N |
| BARRETT___2 23546 | 70.06 2.25 -39.41 N | 66.35 1.28 -47.83 N | 16.78 -1.04 -32.27 N | -51.54 -4.18 -10.33 N | -7.05 -0.31 0.00 N | -245.93 -14.05 0.00 N | -311.43 -14.58 0.00 N | -154.76 -8.19 -3.87 N | 67.72 2.13 -38.67 N | 72.63 3.02 -36.65 N | 75.46 2.75 -43.52 N | 76.72 3.28 -39.28 N | 80.78 3.88 -37.36 N | 79.49 3.78 -38.88 N | 78.03 4.92 -28.35 N | 76.57 5.21 -27.69 N | 76.08 4.60 -32.50 N | 76.06 5.28 -25.24 N | 115.58 4.96 -66.47 N | 76.07 4.56 -30.93 N | 75.46 2.26 -50.91 N | 77.48 2.99 -42.42 N | 72.33 3.62 -28.77 N | 71.32 3.04 -28.34 N |
| BEAVER RIVER___HYD 24048 | 27.37 -1.03 0.00 N | 16.55 -0.68 0.00 N | -13.87 0.59 0.00 N | -55.31 2.38 0.00 N | -6.49 0.25 0.00 N | -222.67 9.20 0.00 N | -285.69 11.16 0.00 N | -145.32 5.13 0.00 N | 26.28 -0.65 0.00 N | 32.21 -0.75 0.00 N | 28.51 -0.68 0.00 N | 33.37 -0.80 0.00 N | 38.64 -0.90 0.00 N | 35.96 -0.87 0.00 N | 43.58 -1.18 0.00 N | 42.44 -1.23 0.00 N | 37.84 -1.14 0.00 N | 44.17 -1.37 0.00 N | 42.81 -1.33 0.00 N | 39.27 -1.30 0.00 N | 21.62 -0.68 0.00 N | 31.17 -0.90 0.00 N | 38.73 -1.21 0.00 N | 38.78 -1.17 0.00 N |
| BEEBEE_GT_13 23619 | 27.43 -0.97 0.00 N | 16.50 -0.74 0.00 N | -13.92 0.54 0.00 N | -55.35 2.35 0.00 N | -6.88 -0.14 0.00 N | -224.39 7.49 0.00 N | -292.09 4.76 0.00 N | -149.02 1.43 0.00 N | 25.89 -1.04 0.00 N | 32.17 -0.79 0.00 N | 28.72 -0.47 0.00 N | 33.54 -0.62 0.00 N | 38.97 -0.57 0.00 N | 36.37 -0.45 0.00 N | 44.15 -0.61 0.00 N | 43.94 0.26 0.00 N | 39.33 0.34 0.00 N | 45.33 -0.22 0.00 N | 44.02 -0.13 0.00 N | 40.19 -0.38 0.00 N | 22.33 0.03 0.00 N | 32.35 0.28 0.00 N | 39.80 -0.15 0.00 N | 39.49 -0.46 0.00 N |
| BETHLEHEM___GRP 23843 | 29.27 0.87 0.00 N | 17.72 0.49 0.00 N | -14.88 -0.41 0.00 N | -59.36 -1.67 0.00 N | -6.81 -0.07 0.00 N | -237.08 -5.20 0.00 N | -300.68 -3.83 0.00 N | -152.47 -2.03 0.00 N | 27.59 0.67 0.00 N | 33.85 0.89 0.00 N | 30.05 0.86 0.00 N | 35.28 1.12 0.00 N | 40.68 1.15 0.00 N | 37.95 1.12 0.00 N | 46.13 1.37 0.00 N | 44.87 1.19 0.00 N | 40.06 1.08 0.00 N | 46.72 1.18 0.00 N | 45.23 1.09 0.00 N | 41.79 1.22 0.00 N | 22.91 0.61 0.00 N | 32.90 0.83 0.00 N | 41.32 1.37 0.00 N | 41.10 1.16 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| BETHLEHEM___GS1 323560 | 29.27 0.87 0.00 N | 17.72 0.49 0.00 N | -14.88 -0.41 0.00 N | -59.36 -1.67 0.00 N | -6.81 -0.07 0.00 N | -237.08 -5.20 0.00 N | -300.68 -3.83 0.00 N | -152.47 -2.03 0.00 N | 27.59 0.67 0.00 N | 33.85 0.89 0.00 N | 30.05 0.86 0.00 N | 35.28 1.12 0.00 N | 40.68 1.15 0.00 N | 37.95 1.12 0.00 N | 46.13 1.37 0.00 N | 44.87 1.19 0.00 N | 40.06 1.08 0.00 N | 46.72 1.18 0.00 N | 45.23 1.09 0.00 N | 41.79 1.22 0.00 N | 22.91 0.61 0.00 N | 32.90 0.83 0.00 N | 41.32 1.37 0.00 N | 41.10 1.16 0.00 N |
| BETHLEHEM___GS2 323561 | 29.27 0.87 0.00 N | 17.72 0.49 0.00 N | -14.88 -0.41 0.00 N | -59.36 -1.67 0.00 N | -6.81 -0.07 0.00 N | -237.08 -5.20 0.00 N | -300.68 -3.83 0.00 N | -152.47 -2.03 0.00 N | 27.59 0.67 0.00 N | 33.85 0.89 0.00 N | 30.05 0.86 0.00 N | 35.28 1.12 0.00 N | 40.68 1.15 0.00 N | 37.95 1.12 0.00 N | 46.13 1.37 0.00 N | 44.87 1.19 0.00 N | 40.06 1.08 0.00 N | 46.72 1.18 0.00 N | 45.23 1.09 0.00 N | 41.79 1.22 0.00 N | 22.91 0.61 0.00 N | 32.90 0.83 0.00 N | 41.32 1.37 0.00 N | 41.10 1.16 0.00 N |
| BETHLEHEM___GS3 323562 | 29.27 0.87 0.00 N | 17.72 0.49 0.00 N | -14.88 -0.41 0.00 N | -59.36 -1.67 0.00 N | -6.81 -0.07 0.00 N | -237.08 -5.20 0.00 N | -300.68 -3.83 0.00 N | -152.47 -2.03 0.00 N | 27.59 0.67 0.00 N | 33.85 0.89 0.00 N | 30.05 0.86 0.00 N | 35.28 1.12 0.00 N | 40.68 1.15 0.00 N | 37.95 1.12 0.00 N | 46.13 1.37 0.00 N | 44.87 1.19 0.00 N | 40.06 1.08 0.00 N | 46.72 1.18 0.00 N | 45.23 1.09 0.00 N | 41.79 1.22 0.00 N | 22.91 0.61 0.00 N | 32.90 0.83 0.00 N | 41.32 1.37 0.00 N | 41.10 1.16 0.00 N |
| BETHLEHEM___STEEL 23779 | 26.05 -2.35 0.00 N | 15.69 -1.55 0.00 N | -13.39 1.07 0.00 N | -53.20 4.49 0.00 N | -6.88 -0.15 0.00 N | -218.63 13.25 0.00 N | -289.34 7.51 0.00 N | -146.56 3.88 0.00 N | 24.24 -2.68 0.00 N | 29.82 -3.13 0.00 N | 26.59 -2.61 0.00 N | 30.94 -3.22 0.00 N | 36.01 -3.52 0.00 N | 33.52 -3.31 0.00 N | 40.96 -3.80 0.00 N | 41.17 -2.51 0.00 N | 36.68 -2.30 0.00 N | 42.48 -3.06 0.00 N | 41.27 -2.87 0.00 N | 37.49 -3.08 0.00 N | 20.96 -1.34 0.00 N | 30.29 -1.78 0.00 N | 37.19 -2.76 0.00 N | 37.21 -2.74 0.00 N |
| BETHPAGE_CC_5 323564 | 70.20 2.39 -39.41 N | 63.55 1.29 -45.02 N | 16.50 -1.05 -32.01 N | -59.63 -4.21 -2.27 N | -7.10 -0.36 0.00 N | -246.42 -14.54 0.00 N | -311.72 -14.86 0.00 N | -154.76 -8.19 -3.87 N | 67.81 2.21 -38.67 N | 72.26 3.12 -36.18 N | 75.54 2.84 -43.52 N | 76.86 3.40 -39.29 N | 81.57 4.00 -38.03 N | 79.64 3.93 -38.88 N | 78.63 5.09 -28.78 N | 76.63 5.27 -27.69 N | 76.13 4.64 -32.50 N | 76.10 5.32 -25.24 N | 115.68 5.06 -66.47 N | 76.28 4.77 -30.93 N | 75.57 2.36 -50.91 N | 77.67 3.17 -42.42 N | 72.46 3.74 -28.77 N | 71.47 3.19 -28.34 N |
| BINGHAMTON___COGEN 23790 | 27.97 -0.43 0.00 N | 16.91 -0.32 0.00 N | -14.30 0.16 0.00 N | -56.90 0.79 0.00 N | -6.79 -0.05 0.00 N | -230.21 1.67 0.00 N | -298.77 -1.92 0.00 N | -150.46 -0.01 0.00 N | 26.41 -0.52 0.00 N | 32.63 -0.32 0.00 N | 29.07 -0.12 0.00 N | 34.13 -0.03 0.00 N | 39.75 0.21 0.00 N | 37.08 0.25 0.00 N | 45.34 0.59 0.00 N | 44.66 0.98 0.00 N | 39.68 0.70 0.00 N | 46.32 0.78 0.00 N | 44.83 0.69 0.00 N | 41.09 0.51 0.00 N | 22.56 0.26 0.00 N | 32.28 0.21 0.00 N | 39.92 -0.03 0.00 N | 39.51 -0.44 0.00 N |
| BLACK RIVER___HYD 24047 | 27.12 -1.28 0.00 N | 16.36 -0.87 0.00 N | -13.73 0.74 0.00 N | -54.73 2.96 0.00 N | -6.43 0.31 0.00 N | -220.28 11.60 0.00 N | -282.60 14.25 0.00 N | -143.75 6.70 0.00 N | 26.01 -0.91 0.00 N | 31.97 -0.99 0.00 N | 28.38 -0.81 0.00 N | 33.24 -0.93 0.00 N | 38.54 -0.99 0.00 N | 35.92 -0.91 0.00 N | 43.57 -1.19 0.00 N | 42.55 -1.13 0.00 N | 37.98 -1.00 0.00 N | 44.26 -1.29 0.00 N | 42.85 -1.29 0.00 N | 39.28 -1.29 0.00 N | 21.60 -0.70 0.00 N | 31.13 -0.94 0.00 N | 38.63 -1.31 0.00 N | 38.59 -1.36 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 29.10 0.70 0.00 N | 17.63 0.40 0.00 N | -14.79 -0.33 0.00 N | -59.05 -1.36 0.00 N | -6.79 -0.05 0.00 N | -235.81 -3.94 0.00 N | -298.58 -1.72 0.00 N | -151.40 -0.95 0.00 N | 27.36 0.43 0.00 N | 33.73 0.77 0.00 N | 30.04 0.85 0.00 N | 35.27 1.10 0.00 N | 40.78 1.25 0.00 N | 38.04 1.21 0.00 N | 46.38 1.62 0.00 N | 45.32 1.64 0.00 N | 40.44 1.46 0.00 N | 47.18 1.64 0.00 N | 45.66 1.52 0.00 N | 42.05 1.48 0.00 N | 22.96 0.66 0.00 N | 32.93 0.86 0.00 N | 41.03 1.09 0.00 N | 40.75 0.80 0.00 N |
| BOC_GAS_DRP 24189 | 29.05 0.66 0.00 N | 17.62 0.38 0.00 N | -14.79 -0.33 0.00 N | -59.05 -1.36 0.00 N | -6.77 -0.03 0.00 N | -235.83 -3.95 0.00 N | -299.35 -2.50 0.00 N | -151.72 -1.27 0.00 N | 27.38 0.45 0.00 N | 33.69 0.73 0.00 N | 30.00 0.80 0.00 N | 35.20 1.04 0.00 N | 40.69 1.15 0.00 N | 37.96 1.13 0.00 N | 46.24 1.48 0.00 N | 45.17 1.49 0.00 N | 40.30 1.32 0.00 N | 47.02 1.48 0.00 N | 45.52 1.38 0.00 N | 41.93 1.36 0.00 N | 22.90 0.61 0.00 N | 32.85 0.78 0.00 N | 40.99 1.05 0.00 N | 40.74 0.79 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 29.53 1.13 0.00 N | 17.83 0.60 0.00 N | -14.99 -0.53 0.00 N | -59.92 -2.23 0.00 N | -6.83 -0.09 0.00 N | -238.66 -6.78 0.00 N | -301.03 -4.18 0.00 N | -152.42 -1.97 0.00 N | 27.69 0.77 0.00 N | 34.07 1.11 0.00 N | 30.53 1.34 0.00 N | 35.90 1.73 0.00 N | 41.39 1.86 0.00 N | 38.54 1.71 0.00 N | 47.03 2.27 0.00 N | 45.90 2.22 0.00 N | 40.91 1.93 0.00 N | 47.77 2.23 0.00 N | 46.29 2.15 0.00 N | 42.70 2.13 0.00 N | 23.13 0.82 0.00 N | 33.14 1.07 0.00 N | 41.42 1.48 0.00 N | 41.21 1.27 0.00 N |
| BOWLINE___1 23526 | 29.88 1.48 0.00 N | 18.02 0.78 0.00 N | -15.03 -0.56 0.00 N | -60.21 -2.52 0.00 N | -6.90 -0.16 0.00 N | -240.41 -8.53 0.00 N | -304.91 -8.06 0.00 N | -155.35 -4.90 0.00 N | 28.39 1.46 0.00 N | 35.15 2.19 0.00 N | 31.29 2.10 0.00 N | 36.76 2.59 0.00 N | 42.66 3.12 0.00 N | 39.86 3.04 0.00 N | 48.83 4.07 0.00 N | 48.04 4.36 0.00 N | 42.84 3.86 0.00 N | 49.94 4.40 0.00 N | 48.26 4.12 0.00 N | 44.34 3.77 0.00 N | 24.09 1.79 0.00 N | 34.44 2.37 0.00 N | 42.61 2.66 0.00 N | 42.06 2.11 0.00 N |
| BOWLINE___2 23595 | 29.88 1.49 0.00 N | 18.03 0.80 0.00 N | -15.04 -0.58 0.00 N | -60.21 -2.51 0.00 N | -6.90 -0.15 0.00 N | -240.48 -8.60 0.00 N | -305.03 -8.17 0.00 N | -155.38 -4.93 0.00 N | 28.39 1.46 0.00 N | 35.15 2.20 0.00 N | 31.31 2.11 0.00 N | 36.77 2.60 0.00 N | 42.67 3.13 0.00 N | 39.87 3.05 0.00 N | 48.85 4.09 0.00 N | 48.05 4.37 0.00 N | 42.85 3.87 0.00 N | 49.95 4.41 0.00 N | 48.27 4.13 0.00 N | 44.35 3.78 0.00 N | 24.10 1.80 0.00 N | 34.44 2.37 0.00 N | 42.62 2.67 0.00 N | 42.07 2.12 0.00 N |
| BROOKHAVEN___DRP 24191 | 70.26 2.45 -39.41 N | 63.36 1.26 -44.87 N | 16.45 -1.08 -32.00 N | -60.16 -4.30 -1.83 N | -7.10 -0.36 0.00 N | -246.70 -14.82 0.00 N | -311.66 -14.81 0.00 N | -154.48 -7.91 -3.87 N | 67.82 2.22 -38.67 N | 72.20 3.09 -36.15 N | 75.39 2.69 -43.52 N | 76.70 3.28 -39.26 N | 79.55 3.90 -36.12 N | 79.56 3.86 -38.88 N | 77.35 5.04 -27.55 N | 76.69 5.32 -27.69 N | 76.16 4.68 -32.50 N | 76.10 5.32 -25.24 N | 115.59 4.98 -66.47 N | 76.08 4.58 -30.93 N | 75.47 2.26 -50.91 N | 77.55 3.05 -42.42 N | 72.26 3.55 -28.77 N | 71.33 3.04 -28.34 N |
| BROOKLYN_NAVY_YARD 23515 | 35.26 1.82 -5.05 | 18.23 0.99 0.00 | -15.23 -0.77 0.00 | -60.99 -3.30 0.00 | -6.98 -0.24 0.00 | -243.12 -11.25 0.00 | -307.43 -10.57 0.00 | -156.18 -5.73 0.00 | 28.66 1.73 0.00 | 51.82 2.56 -16.30 | 67.35 2.42 -35.74 | 66.36 2.98 -29.22 | 66.19 3.56 -23.10 | 65.60 3.41 -25.36 | 65.57 4.51 -16.29 | 65.29 4.76 -16.85 | 63.52 4.20 -20.34 | 62.09 4.80 -11.74 | 56.31 4.50 -7.67 | 46.56 4.11 -1.87 | 24.28 1.98 0.00 | 34.71 2.64 0.00 | 43.02 3.08 0.00 | 42.50 2.55 0.00 |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|----------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---|
| BURROWS___LYONSDAL 23803 | 27.99 -0.41 0.00 N | 16.93 -0.31 0.00 N | -14.21 0.26 0.00 N | -56.60 1.10 0.00 N | -6.64 0.10 0.00 N | -227.50 4.38 0.00 N | -291.73 5.12 0.00 N | -148.31 2.14 0.00 N | 26.69 -0.24 0.00 N | 32.77 -0.19 0.00 N | 29.07 -0.12 0.00 N | 34.03 -0.13 0.00 N | 39.41 -0.12 0.00 N | 36.70 -0.13 0.00 N | 44.58 -0.18 0.00 N | 43.54 -0.13 0.00 N | 38.86 -0.12 0.00 N | 45.36 -0.18 0.00 N | 43.94 -0.20 0.00 N | 40.34 -0.24 0.00 N | 22.19 -0.12 0.00 N | 31.92 -0.15 0.00 N | 39.63 -0.31 0.00 N | 39.56 -0.39 0.00 N | |
| CALPINE_BETH_PAGE_GT4 24209 | 70.28 2.47 -39.41 N | 63.66 1.34 -45.08 N | 16.48 -1.08 -32.02 N | -59.61 -4.35 -2.44 N | -7.11 -0.37 0.00 N | -246.87 -14.99 0.00 N | -312.50 -15.65 0.00 N | -155.16 -8.58 -3.87 N | 67.86 2.27 -38.67 N | 72.34 3.19 -36.19 N | 75.62 2.92 -43.52 N | 76.98 3.51 -39.31 N | 82.60 4.08 -38.99 N | 79.72 4.02 -38.88 N | 79.35 5.19 -29.40 N | 76.68 5.31 -27.69 N | 76.17 4.68 -32.50 N | 76.15 5.37 -25.24 N | 115.74 5.12 -66.47 N | 76.39 4.89 -30.93 N | 75.62 2.42 -50.91 N | 77.76 3.27 -42.42 N | 72.56 3.84 -28.77 N | 71.58 3.30 -28.34 N | |
| CALPINE_BETH_PAGE_GT_4 323586 | 70.28 2.47 -39.41 N | 63.66 1.34 -45.08 N | 16.48 -1.08 -32.02 N | -59.61 -4.35 -2.44 N | -7.11 -0.37 0.00 N | -246.87 -14.99 0.00 N | -312.50 -15.65 0.00 N | -155.16 -8.58 -3.87 N | 67.86 2.27 -38.67 N | 72.34 3.19 -36.19 N | 75.62 2.92 -43.52 N | 76.98 3.51 -39.31 N | 82.60 4.08 -38.99 N | 79.72 4.02 -38.88 N | 79.35 5.19 -29.40 N | 76.68 5.31 -27.69 N | 76.17 4.68 -32.50 N | 76.15 5.37 -25.24 N | 115.74 5.12 -66.47 N | 76.39 4.89 -30.93 N | 75.62 2.42 -50.91 N | 77.76 3.27 -42.42 N | 72.56 3.84 -28.77 N | 71.58 3.30 -28.34 N | |
| CALPINE_BP_GT1 23823 | 70.28 2.47 -39.41 N | 63.66 1.34 -45.08 N | 16.48 -1.08 -32.02 N | -59.61 -4.35 -2.44 N | -7.11 -0.37 0.00 N | -246.87 -14.99 0.00 N | -312.50 -15.65 0.00 N | -155.16 -8.58 -3.87 N | 67.86 2.27 -38.67 N | 72.34 3.19 -36.19 N | 75.62 2.92 -43.52 N | 76.98 3.51 -39.31 N | 82.60 4.08 -38.99 N | 79.72 4.02 -38.88 N | 79.35 5.19 -29.40 N | 76.68 5.31 -27.69 N | 76.17 4.68 -32.50 N | 76.15 5.37 -25.24 N | 115.74 5.12 -66.47 N | 76.39 4.89 -30.93 N | 75.62 2.42 -50.91 N | 77.76 3.27 -42.42 N | 72.56 3.84 -28.77 N | 71.58 3.30 -28.34 N | |
| CALSPAN___DRP 24200 | 26.05 -2.35 0.00 N | 15.69 -1.55 0.00 N | -13.39 1.07 0.00 N | -53.20 4.49 0.00 N | -6.88 -0.15 0.00 N | -218.63 13.25 0.00 N | -289.34 7.51 0.00 N | -146.56 3.88 0.00 N | 24.24 -2.68 0.00 N | 29.82 -3.13 0.00 N | 26.59 -2.61 0.00 N | 30.94 -3.22 0.00 N | 36.01 -3.52 0.00 N | 33.52 -3.31 0.00 N | 40.96 -3.80 0.00 N | 41.17 -2.51 0.00 N | 36.68 -2.30 0.00 N | 42.48 -3.06 0.00 N | 41.27 -2.87 0.00 N | 37.49 -3.08 0.00 N | 20.96 -1.34 0.00 N | 30.29 -1.78 0.00 N | 37.19 -2.76 0.00 N | 37.21 -2.74 0.00 N | |
| CARR STREET_E__SYR 24060 | 27.84 -0.56 0.00 N | 16.85 -0.38 0.00 N | -14.17 0.30 0.00 N | -56.45 1.25 0.00 N | -6.70 0.04 0.00 N | -227.34 4.54 0.00 N | -292.48 4.38 0.00 N | -148.30 2.15 0.00 N | 26.25 -0.68 0.00 N | 32.22 -0.74 0.00 N | 28.67 -0.52 0.00 N | 33.58 -0.58 0.00 N | 38.94 -0.59 0.00 N | 36.29 -0.53 0.00 N | 44.18 -0.58 0.00 N | 43.42 -0.26 0.00 N | 38.74 -0.24 0.00 N | 45.17 -0.37 0.00 N | 43.78 -0.36 0.00 N | 40.15 -0.43 0.00 N | 22.10 -0.20 0.00 N | 31.76 -0.31 0.00 N | 39.39 -0.55 0.00 N | 39.32 -0.62 0.00 N | |
| CARTHAGE___PAPER 23857 | 27.23 -1.17 0.00 N | 16.44 -0.79 0.00 N | -13.78 0.68 0.00 N | -54.98 2.71 0.00 N | -6.45 0.29 0.00 N | -221.29 10.59 0.00 N | -283.86 12.99 0.00 N | -144.39 6.06 0.00 N | 26.13 -0.79 0.00 N | 32.08 -0.87 0.00 N | 28.44 -0.75 0.00 N | 33.29 -0.87 0.00 N | 38.59 -0.95 0.00 N | 35.94 -0.88 0.00 N | 43.58 -1.18 0.00 N | 42.50 -1.18 0.00 N | 37.91 -1.07 0.00 N | 44.21 -1.34 0.00 N | 42.82 -1.33 0.00 N | 39.27 -1.30 0.00 N | 21.61 -0.69 0.00 N | 31.15 -0.92 0.00 N | 38.68 -1.27 0.00 N | 38.67 -1.28 0.00 N | |
| CE_DUNWOOD___DRP 24194 | 30.04 1.64 0.00 N | 18.13 0.90 0.00 N | -15.14 -0.68 0.00 N | -60.61 -2.92 0.00 N | -6.92 -0.18 0.00 N | -241.81 -9.93 0.00 N | -306.44 -9.58 0.00 N | -155.90 -5.45 0.00 N | 28.51 1.58 0.00 N | 35.29 2.33 0.00 N | 31.44 2.25 0.00 N | 36.93 2.77 0.00 N | 42.84 3.30 0.00 N | 40.02 3.19 0.00 N | 48.98 4.22 0.00 N | 48.14 4.47 0.00 N | 42.93 3.94 0.00 N | 50.06 4.51 0.00 N | 48.38 4.24 0.00 N | 44.45 3.88 0.00 N | 24.16 1.86 0.00 N | 34.54 2.47 0.00 N | 42.77 2.83 0.00 N | 42.26 2.31 0.00 N | |
| CE_MILLWOOD___DRP 24193 | 29.96 1.56 0.00 N | 18.08 0.85 0.00 N | -15.10 -0.64 0.00 N | -60.44 -2.75 0.00 N | -6.92 -0.18 0.00 N | -241.18 -9.30 0.00 N | -305.66 -8.81 0.00 N | -155.56 -5.11 0.00 N | 28.43 1.51 0.00 N | 35.19 2.24 0.00 N | 31.36 2.16 0.00 N | 36.83 2.66 0.00 N | 42.72 3.19 0.00 N | 39.91 3.08 0.00 N | 48.85 4.09 0.00 N | 48.02 4.34 0.00 N | 42.82 3.84 0.00 N | 49.94 4.39 0.00 N | 48.25 4.11 0.00 N | 44.34 3.77 0.00 N | 24.10 1.80 0.00 N | 34.45 2.39 0.00 N | 42.67 2.72 0.00 N | 42.15 2.20 0.00 N | |
| CE_NYC2_DRP 24202 | 35.45 1.97 -5.08 N | 18.33 1.09 0.00 N | -15.28 -0.82 0.00 N | -61.19 -3.49 0.00 N | -7.01 -0.27 0.00 N | -244.06 -12.18 0.00 N | -308.58 -11.73 0.00 N | -156.73 -6.28 0.00 N | 28.78 1.85 0.00 N | 52.11 2.72 -16.44 N | 67.76 2.54 -36.02 N | 66.69 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.87 3.49 -25.55 N | 65.90 4.61 -16.53 N | 65.64 4.85 -17.12 N | 63.89 4.26 -20.66 N | 62.40 4.93 -11.93 N | 56.57 4.64 -7.79 N | 46.74 4.26 -1.90 N | 24.34 2.04 0.00 N | 34.78 2.71 0.00 N | 43.11 3.16 0.00 N | 42.59 2.64 0.00 N | |
| CE_NYC_DRP 24195 | 35.34 1.90 -5.04 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.13 -3.44 0.00 N | -6.99 -0.24 0.00 N | -243.69 -11.82 0.00 N | -308.41 -11.56 0.00 N | -156.81 -6.36 0.00 N | 28.75 1.82 0.00 N | 51.89 2.67 -16.26 N | 67.43 2.56 -35.68 N | 66.47 3.14 -29.17 N | 66.34 3.74 -23.07 N | 65.74 3.60 -25.32 N | 65.71 4.72 -16.24 N | 65.40 4.94 -16.78 N | 63.62 4.37 -20.27 N | 62.25 5.02 -11.69 N | 56.47 4.69 -7.64 N | 46.72 4.29 -1.86 N | 24.37 2.06 0.00 N | 34.83 2.76 0.00 N | 43.15 3.21 0.00 N | 42.61 2.67 0.00 N | |
| CHAT_HIGH_FALL_HYD 323578 | 28.09 -0.31 0.00 N | 17.10 -0.13 0.00 N | -14.38 0.08 0.00 N | -57.17 0.52 0.00 N | -6.70 0.04 0.00 N | -230.61 1.27 0.00 N | -296.73 0.12 0.00 N | -150.37 0.08 0.00 N | 26.98 0.06 0.00 N | 32.78 -0.18 0.00 N | 28.82 -0.38 0.00 N | 33.57 -0.60 0.00 N | 38.74 -0.79 0.00 N | 36.00 -0.83 0.00 N | 43.48 -1.28 0.00 N | 42.01 -1.67 0.00 N | 37.35 -1.63 0.00 N | 43.80 -1.74 0.00 N | 42.52 -1.63 0.00 N | 39.16 -1.41 0.00 N | 21.63 -0.67 0.00 N | 31.29 -0.78 0.00 N | 39.08 -0.87 0.00 N | 39.34 -0.61 0.00 N | |
| CH_MIDHUDSON___DRP 24192 | 29.97 1.57 0.00 N | 18.11 0.88 0.00 N | -15.14 -0.68 0.00 N | -60.55 -2.86 0.00 N | -6.94 -0.19 0.00 N | -241.68 -9.80 0.00 N | -306.58 -9.72 0.00 N | -155.93 -5.48 0.00 N | 28.40 1.48 0.00 N | 35.12 2.16 0.00 N | 31.30 2.11 0.00 N | 36.77 2.60 0.00 N | 42.62 3.08 0.00 N | 39.77 2.94 0.00 N | 48.64 3.88 0.00 N | 47.78 4.10 0.00 N | 42.61 3.63 0.00 N | 49.69 4.15 0.00 N | 48.03 3.89 0.00 N | 44.16 3.58 0.00 N | 24.03 1.73 0.00 N | 34.39 2.32 0.00 N | 42.58 2.63 0.00 N | 42.07 2.12 0.00 N | |
| CH_MISC_IPPS | 29.86 | 18.04 | -15.09 | -60.32 | -6.91 | -240.71 | -305.31 | -155.38 | 28.32 | 35.00 | 31.23 | 36.62 | 42.38 | 39.47 | 48.26 | 47.44 | 42.31 | 49.34 | 47.66 | 43.84 | 23.91 | 34.34 | 42.29 | 41.67 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 23765 | 1.46 0.00 N | 0.81 0.00 N | -0.62 0.00 N | -2.63 0.00 N | -0.17 0.00 N | -8.83 0.00 N | -8.46 0.00 N | -4.93 0.00 N | 1.39 0.00 N | 2.04 0.00 N | 2.03 0.00 N | 2.46 0.00 N | 2.84 0.00 N | 2.64 0.00 N | 3.50 0.00 N | 3.76 0.00 N | 3.33 0.00 N | 3.79 0.00 N | 3.52 0.00 N | 3.27 0.00 N | 1.61 0.00 N | 2.28 0.00 N | 2.35 0.00 N | 1.72 0.00 N |
| CH_RES_BVR_FALLS 23983 | 28.13 -0.27 0.00 N | 17.09 -0.14 0.00 N | -14.32 0.15 0.00 N | -57.11 0.58 0.00 N | -6.67 0.07 0.00 N | -229.57 2.31 0.00 N | -294.11 2.75 0.00 N | -149.25 1.21 0.00 N | 26.80 -0.12 0.00 N | 32.79 -0.17 0.00 N | 28.92 -0.27 0.00 N | 33.79 -0.38 0.00 N | 39.04 -0.49 0.00 N | 36.31 -0.52 0.00 N | 44.05 -0.71 0.00 N | 42.93 -0.75 0.00 N | 38.43 -0.55 0.00 N | 44.95 -0.60 0.00 N | 43.63 -0.51 0.00 N | 40.21 -0.37 0.00 N | 22.13 -0.16 0.00 N | 31.87 -0.20 0.00 N | 39.55 -0.40 0.00 N | 39.37 -0.58 0.00 N |
| CH_RES_NIAGARA 23895 | 26.12 -2.27 0.00 N | 15.74 -1.49 0.00 N | -13.43 1.03 0.00 N | -53.35 4.34 0.00 N | -6.97 -0.23 0.00 N | -219.15 12.73 0.00 N | -288.96 7.89 0.00 N | -147.02 3.43 0.00 N | 24.22 -2.70 0.00 N | 29.66 -3.30 0.00 N | 26.43 -2.76 0.00 N | 30.63 -3.53 0.00 N | 35.53 -4.00 0.00 N | 33.04 -3.79 0.00 N | 40.24 -4.52 0.00 N | 40.53 -3.15 0.00 N | 36.22 -2.76 0.00 N | 41.86 -3.68 0.00 N | 40.72 -3.43 0.00 N | 36.97 -3.61 0.00 N | 20.75 -1.56 0.00 N | 30.11 -1.96 0.00 N | 37.01 -2.93 0.00 N | 37.29 -2.66 0.00 N |
| CH_RES_SYRACUSE 23985 | 28.08 -0.32 0.00 N | 16.98 -0.25 0.00 N | -14.27 0.20 0.00 N | -56.81 0.88 0.00 N | -6.73 0.01 0.00 N | -228.75 3.12 0.00 N | -294.19 2.66 0.00 N | -149.20 1.25 0.00 N | 26.48 -0.44 0.00 N | 32.50 -0.46 0.00 N | 28.94 -0.25 0.00 N | 33.90 -0.26 0.00 N | 39.32 -0.22 0.00 N | 36.65 -0.18 0.00 N | 44.61 -0.15 0.00 N | 43.81 0.13 0.00 N | 39.11 0.13 0.00 N | 45.62 0.07 0.00 N | 44.23 0.08 0.00 N | 40.55 -0.02 0.00 N | 22.34 0.03 0.00 N | 32.10 0.02 0.00 N | 39.78 -0.16 0.00 N | 39.68 -0.26 0.00 N |
| COLONIE_LFGE__ 323577 | 29.23 0.83 0.00 N | 17.68 0.45 0.00 N | -14.85 -0.38 0.00 N | -59.28 -1.59 0.00 N | -6.77 -0.03 0.00 N | -236.44 -4.57 0.00 N | -299.05 -2.20 0.00 N | -151.69 -1.24 0.00 N | 27.59 0.67 0.00 N | 33.95 0.99 0.00 N | 30.32 1.13 0.00 N | 35.66 1.50 0.00 N | 41.12 1.58 0.00 N | 38.31 1.49 0.00 N | 46.69 1.93 0.00 N | 45.55 1.87 0.00 N | 40.62 1.64 0.00 N | 47.42 1.87 0.00 N | 45.91 1.77 0.00 N | 42.35 1.78 0.00 N | 23.05 0.75 0.00 N | 33.05 0.99 0.00 N | 41.32 1.37 0.00 N | 41.09 1.14 0.00 N |
| CORNELL____ 23752 | 27.57 -0.83 0.00 N | 16.73 -0.50 0.00 N | -14.10 0.36 0.00 N | -56.12 1.58 0.00 N | -6.74 0.00 0.00 N | -226.74 5.14 0.00 N | -293.93 2.92 0.00 N | -148.95 1.50 0.00 N | 26.05 -0.87 0.00 N | 31.79 -1.17 0.00 N | 28.55 -0.65 0.00 N | 33.15 -1.01 0.00 N | 38.41 -1.13 0.00 N | 35.83 -0.99 0.00 N | 43.60 -1.16 0.00 N | 42.96 -0.72 0.00 N | 38.28 -0.70 0.00 N | 44.66 -0.88 0.00 N | 43.28 -0.86 0.00 N | 39.66 -0.92 0.00 N | 22.36 0.06 0.00 N | 31.81 -0.26 0.00 N | 38.65 -1.29 0.00 N | 38.38 -1.57 0.00 N |
| COXSACKIE___GT 23611 | 30.16 1.76 0.00 N | 18.21 0.97 0.00 N | -15.25 -0.79 0.00 N | -60.88 -3.19 0.00 N | -6.99 -0.25 0.00 N | -243.00 -11.12 0.00 N | -309.47 -12.62 0.00 N | -157.47 -7.02 0.00 N | 28.52 1.59 0.00 N | 35.21 2.25 0.00 N | 31.40 2.21 0.00 N | 36.90 2.74 0.00 N | 42.77 3.24 0.00 N | 39.94 3.11 0.00 N | 48.76 4.00 0.00 N | 47.77 4.09 0.00 N | 42.60 3.62 0.00 N | 49.73 4.19 0.00 N | 48.10 3.96 0.00 N | 44.23 3.66 0.00 N | 24.10 1.80 0.00 N | 34.52 2.44 0.00 N | 42.88 2.94 0.00 N | 42.46 2.51 0.00 N |
| CRESCENT___HYD 24018 | 29.23 0.83 0.00 N | 17.68 0.45 0.00 N | -14.85 -0.38 0.00 N | -59.28 -1.59 0.00 N | -6.77 -0.03 0.00 N | -236.44 -4.57 0.00 N | -299.05 -2.20 0.00 N | -151.69 -1.24 0.00 N | 27.59 0.67 0.00 N | 33.95 0.99 0.00 N | 30.32 1.13 0.00 N | 35.66 1.50 0.00 N | 41.12 1.58 0.00 N | 38.31 1.49 0.00 N | 46.69 1.93 0.00 N | 45.55 1.87 0.00 N | 40.62 1.64 0.00 N | 47.42 1.87 0.00 N | 45.91 1.77 0.00 N | 42.35 1.78 0.00 N | 23.05 0.75 0.00 N | 33.05 0.99 0.00 N | 41.32 1.37 0.00 N | 41.09 1.14 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 28.08 -0.32 0.00 N | 16.98 -0.25 0.00 N | -14.27 0.20 0.00 N | -56.81 0.88 0.00 N | -6.73 0.01 0.00 N | -228.75 3.12 0.00 N | -294.19 2.66 0.00 N | -149.20 1.25 0.00 N | 26.48 -0.44 0.00 N | 32.50 -0.46 0.00 N | 28.94 -0.25 0.00 N | 33.90 -0.26 0.00 N | 39.32 -0.22 0.00 N | 36.65 -0.18 0.00 N | 44.61 -0.15 0.00 N | 43.81 0.13 0.00 N | 39.11 0.13 0.00 N | 45.62 0.07 0.00 N | 44.23 0.08 0.00 N | 40.55 -0.02 0.00 N | 22.34 0.03 0.00 N | 32.10 0.02 0.00 N | 39.78 -0.16 0.00 N | 39.68 -0.26 0.00 N |
| DANSKAMMER___1 23586 | 29.86 1.46 0.00 N | 18.04 0.81 0.00 N | -15.09 -0.62 0.00 N | -60.32 -2.63 0.00 N | -6.91 -0.17 0.00 N | -240.71 -8.83 0.00 N | -305.31 -8.46 0.00 N | -155.38 -4.93 0.00 N | 28.32 1.39 0.00 N | 35.00 2.04 0.00 N | 31.23 2.03 0.00 N | 36.62 2.46 0.00 N | 42.38 2.84 0.00 N | 39.47 2.64 0.00 N | 48.26 3.50 0.00 N | 47.44 3.76 0.00 N | 42.31 3.33 0.00 N | 49.34 3.79 0.00 N | 47.66 3.52 0.00 N | 43.84 3.27 0.00 N | 23.91 1.61 0.00 N | 34.34 2.28 0.00 N | 42.29 2.35 0.00 N | 41.67 1.72 0.00 N |
| DANSKAMMER___2 23589 | 29.86 1.46 0.00 N | 18.04 0.81 0.00 N | -15.09 -0.62 0.00 N | -60.32 -2.63 0.00 N | -6.91 -0.17 0.00 N | -240.71 -8.83 0.00 N | -305.31 -8.46 0.00 N | -155.38 -4.93 0.00 N | 28.32 1.39 0.00 N | 35.00 2.04 0.00 N | 31.23 2.03 0.00 N | 36.62 2.46 0.00 N | 42.38 2.84 0.00 N | 39.47 2.64 0.00 N | 48.26 3.50 0.00 N | 47.44 3.76 0.00 N | 42.31 3.33 0.00 N | 49.34 3.79 0.00 N | 47.66 3.52 0.00 N | 43.84 3.27 0.00 N | 23.91 1.61 0.00 N | 34.34 2.28 0.00 N | 42.29 2.35 0.00 N | 41.67 1.72 0.00 N |
| DANSKAMMER___3 23590 | 29.86 1.46 0.00 N | 18.04 0.81 0.00 N | -15.09 -0.62 0.00 N | -60.32 -2.63 0.00 N | -6.91 -0.17 0.00 N | -240.71 -8.83 0.00 N | -305.31 -8.46 0.00 N | -155.38 -4.93 0.00 N | 28.32 1.39 0.00 N | 35.00 2.04 0.00 N | 31.23 2.03 0.00 N | 36.62 2.46 0.00 N | 42.38 2.84 0.00 N | 39.47 2.64 0.00 N | 48.26 3.50 0.00 N | 47.44 3.76 0.00 N | 42.31 3.33 0.00 N | 49.34 3.79 0.00 N | 47.66 3.52 0.00 N | 43.84 3.27 0.00 N | 23.91 1.61 0.00 N | 34.34 2.28 0.00 N | 42.29 2.35 0.00 N | 41.67 1.72 0.00 N |
| DANSKAMMER___4 23591 | 29.86 1.46 0.00 N | 18.04 0.81 0.00 N | -15.09 -0.62 0.00 N | -60.32 -2.63 0.00 N | -6.91 -0.17 0.00 N | -240.71 -8.83 0.00 N | -305.31 -8.46 0.00 N | -155.38 -4.93 0.00 N | 28.32 1.39 0.00 N | 35.00 2.04 0.00 N | 31.23 2.03 0.00 N | 36.62 2.46 0.00 N | 42.38 2.84 0.00 N | 39.47 2.64 0.00 N | 48.26 3.50 0.00 N | 47.44 3.76 0.00 N | 42.31 3.33 0.00 N | 49.34 3.79 0.00 N | 47.66 3.52 0.00 N | 43.84 3.27 0.00 N | 23.91 1.61 0.00 N | 34.34 2.28 0.00 N | 42.29 2.35 0.00 N | 41.67 1.72 0.00 N |
| DANSKAMMER___DIESEL 23592 | 29.86 1.46 0.00 N | 18.04 0.81 0.00 N | -15.09 -0.62 0.00 N | -60.32 -2.63 0.00 N | -6.91 -0.17 0.00 N | -240.71 -8.83 0.00 N | -305.31 -8.46 0.00 N | -155.38 -4.93 0.00 N | 28.32 1.39 0.00 N | 35.00 2.04 0.00 N | 31.23 2.03 0.00 N | 36.62 2.46 0.00 N | 42.38 2.84 0.00 N | 39.47 2.64 0.00 N | 48.26 3.50 0.00 N | 47.44 3.76 0.00 N | 42.31 3.33 0.00 N | 49.34 3.79 0.00 N | 47.66 3.52 0.00 N | 43.84 3.27 0.00 N | 23.91 1.61 0.00 N | 34.34 2.28 0.00 N | 42.29 2.35 0.00 N | 41.67 1.72 0.00 N |

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|--------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|--------------------------------|--------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| DASHVILLE___HYD 23610 | 29.95 1.55 0.00 N | 18.08 0.85 0.00 N | -15.10 -0.64 0.00 N | -60.38 -2.69 0.00 N | -6.91 -0.17 0.00 N | -241.15 -9.27 0.00 N | -305.66 -8.81 0.00 N | -155.48 -5.02 0.00 N | 28.42 1.49 0.00 N | 35.13 2.17 0.00 N | 31.29 2.10 0.00 N | 36.72 2.56 0.00 N | 42.57 3.04 0.00 N | 39.73 2.90 0.00 N | 48.62 3.86 0.00 N | 47.80 4.12 0.00 N | 42.63 3.65 0.00 N | 49.71 4.16 0.00 N | 48.02 3.88 0.00 N | 44.13 3.55 0.00 N | 24.01 1.72 0.00 N | 34.40 2.33 0.00 N | 42.49 2.54 0.00 N | 41.98 2.03 0.00 N |
| DOGLEVILLE___HYD 23807 | 30.85 2.45 0.00 N | 18.55 1.32 0.00 N | -15.53 -1.07 0.00 N | -61.90 -4.21 0.00 N | -7.18 -0.44 0.00 N | -248.04 -16.16 0.00 N | -317.14 -20.29 0.00 N | -161.24 -10.79 0.00 N | 29.34 2.41 0.00 N | 36.32 3.36 0.00 N | 32.48 3.29 0.00 N | 38.25 4.08 0.00 N | 44.39 4.85 0.00 N | 41.36 4.54 0.00 N | 50.54 5.78 0.00 N | 49.48 5.81 0.00 N | 44.15 5.17 0.00 N | 51.62 6.08 0.00 N | 49.89 5.75 0.00 N | 45.76 5.19 0.00 N | 24.99 2.68 0.00 N | 35.98 3.91 0.00 N | 43.56 3.62 0.00 N | 43.09 3.14 0.00 N |
| DUNKIRK___1 23563 | 24.96 -3.44 0.00 N | 14.99 -2.25 0.00 N | -12.85 1.62 0.00 N | -51.10 6.60 0.00 N | -6.58 0.16 0.00 N | -211.11 20.77 0.00 N | -282.73 14.12 0.00 N | -141.57 8.88 0.00 N | 23.34 -3.59 0.00 N | 29.01 -3.94 0.00 N | 25.91 -3.29 0.00 N | 30.35 -3.81 0.00 N | 35.61 -3.92 0.00 N | 33.22 -3.60 0.00 N | 40.91 -3.85 0.00 N | 40.98 -2.70 0.00 N | 36.28 -2.70 0.00 N | 42.21 -3.33 0.00 N | 40.88 -3.27 0.00 N | 37.18 -3.40 0.00 N | 20.63 -1.67 0.00 N | 29.53 -2.54 0.00 N | 36.15 -3.80 0.00 N | 35.69 -4.26 0.00 N |
| DUNKIRK___2 23564 | 24.96 -3.44 0.00 N | 14.99 -2.25 0.00 N | -12.85 1.62 0.00 N | -51.10 6.60 0.00 N | -6.58 0.16 0.00 N | -211.11 20.77 0.00 N | -282.73 14.12 0.00 N | -141.57 8.88 0.00 N | 23.34 -3.59 0.00 N | 29.01 -3.94 0.00 N | 25.91 -3.29 0.00 N | 30.35 -3.81 0.00 N | 35.61 -3.92 0.00 N | 33.22 -3.60 0.00 N | 40.91 -3.85 0.00 N | 40.98 -2.70 0.00 N | 36.28 -2.70 0.00 N | 42.21 -3.33 0.00 N | 40.88 -3.27 0.00 N | 37.18 -3.40 0.00 N | 20.63 -1.67 0.00 N | 29.53 -2.54 0.00 N | 36.15 -3.80 0.00 N | 35.69 -4.26 0.00 N |
| DUNKIRK___3 23565 | 25.26 -3.14 0.00 N | 15.17 -2.06 0.00 N | -13.00 1.46 0.00 N | -51.67 6.02 0.00 N | -6.65 0.09 0.00 N | -213.33 18.55 0.00 N | -285.17 11.68 0.00 N | -142.97 7.47 0.00 N | 23.61 -3.32 0.00 N | 29.32 -3.64 0.00 N | 26.17 -3.02 0.00 N | 30.65 -3.51 0.00 N | 35.93 -3.61 0.00 N | 33.51 -3.31 0.00 N | 41.23 -3.53 0.00 N | 41.31 -2.37 0.00 N | 36.59 -2.39 0.00 N | 42.56 -2.99 0.00 N | 41.22 -2.92 0.00 N | 37.48 -3.09 0.00 N | 20.81 -1.50 0.00 N | 29.82 -2.25 0.00 N | 36.52 -3.43 0.00 N | 36.10 -3.85 0.00 N |
| DUNKIRK___4 23566 | 25.26 -3.14 0.00 N | 15.17 -2.06 0.00 N | -13.00 1.46 0.00 N | -51.67 6.02 0.00 N | -6.65 0.09 0.00 N | -213.33 18.55 0.00 N | -285.17 11.68 0.00 N | -142.97 7.47 0.00 N | 23.61 -3.32 0.00 N | 29.32 -3.64 0.00 N | 26.17 -3.02 0.00 N | 30.65 -3.51 0.00 N | 35.93 -3.61 0.00 N | 33.51 -3.31 0.00 N | 41.23 -3.53 0.00 N | 41.31 -2.37 0.00 N | 36.59 -2.39 0.00 N | 42.56 -2.99 0.00 N | 41.22 -2.92 0.00 N | 37.48 -3.09 0.00 N | 20.81 -1.50 0.00 N | 29.82 -2.25 0.00 N | 36.52 -3.43 0.00 N | 36.10 -3.85 0.00 N |
| EAST HAMPTON___GT 23717 | 71.38 3.57 -39.41 N | 63.93 1.82 -44.87 N | 16.00 -1.53 -32.00 N | -61.89 -6.03 -1.83 N | -7.30 -0.56 0.00 N | -253.36 -21.48 0.00 N | -320.64 -23.79 0.00 N | -159.14 -12.57 -3.87 N | 68.82 3.23 -38.67 N | 73.20 4.09 -36.15 N | 75.85 3.14 -43.52 N | 77.32 3.89 -39.26 N | 80.36 4.70 -36.12 N | 80.36 4.65 -38.88 N | 78.39 6.08 -27.55 N | 77.75 6.39 -27.69 N | 77.08 5.60 -32.50 N | 77.12 6.34 -25.24 N | 116.52 5.90 -66.47 N | 76.84 5.34 -30.93 N | 75.88 2.67 -50.91 N | 78.16 3.66 -42.42 N | 72.89 4.18 -28.77 N | 72.66 4.37 -28.34 N |
| EAST RIVER___6 23660 | 35.35 1.91 -5.05 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.11 -3.41 0.00 N | -6.99 -0.24 0.00 N | -243.47 -11.60 0.00 N | -307.93 -11.07 0.00 N | -156.71 -6.26 0.00 N | 28.73 1.80 0.00 N | 51.89 2.64 -16.29 N | 67.45 2.51 -35.74 N | 66.47 3.09 -29.22 N | 66.32 3.68 -23.10 N | 65.72 3.53 -25.36 N | 65.67 4.64 -16.27 N | 65.36 4.86 -16.82 N | 63.58 4.30 -20.31 N | 62.21 4.95 -11.72 N | 56.44 4.64 -7.66 N | 46.67 4.23 -1.87 N | 24.34 2.04 0.00 N | 34.80 2.73 0.00 N | 43.12 3.18 0.00 N | 42.58 2.62 0.00 N |
| EAST RIVER___7 23524 | 35.35 1.91 -5.05 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.11 -3.41 0.00 N | -6.99 -0.24 0.00 N | -243.47 -11.60 0.00 N | -307.93 -11.07 0.00 N | -156.71 -6.26 0.00 N | 28.73 1.80 0.00 N | 51.89 2.64 -16.29 N | 67.45 2.51 -35.74 N | 66.47 3.09 -29.22 N | 66.32 3.68 -23.10 N | 65.72 3.53 -25.36 N | 65.67 4.64 -16.27 N | 65.36 4.86 -16.82 N | 63.58 4.30 -20.31 N | 62.21 4.95 -11.72 N | 56.44 4.64 -7.66 N | 46.67 4.23 -1.87 N | 24.34 2.04 0.00 N | 34.80 2.73 0.00 N | 43.12 3.18 0.00 N | 42.58 2.62 0.00 N |
| EAST_HAMPTON___DIESEL 23722 | 71.38 3.57 -39.41 N | 63.93 1.82 -44.87 N | 16.00 -1.53 -32.00 N | -61.89 -6.03 -1.83 N | -7.30 -0.56 0.00 N | -253.36 -21.48 0.00 N | -320.64 -23.79 0.00 N | -159.14 -12.57 -3.87 N | 68.82 3.23 -38.67 N | 73.20 4.09 -36.15 N | 75.85 3.14 -43.52 N | 77.32 3.89 -39.26 N | 80.36 4.70 -36.12 N | 80.36 4.65 -38.88 N | 78.39 6.08 -27.55 N | 77.75 6.39 -27.69 N | 77.08 5.60 -32.50 N | 77.12 6.34 -25.24 N | 116.52 5.90 -66.47 N | 76.84 5.34 -30.93 N | 75.88 2.67 -50.91 N | 78.16 3.66 -42.42 N | 72.89 4.18 -28.77 N | 72.66 4.37 -28.34 N |
| EAST_RIVER___1 323558 | 35.34 1.90 -5.04 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.13 -3.44 0.00 N | -6.99 -0.24 0.00 N | -243.69 -11.82 0.00 N | -308.41 -11.56 0.00 N | -156.81 -6.36 0.00 N | 28.75 1.82 0.00 N | 51.89 2.67 -16.26 N | 67.43 2.56 -35.68 N | 66.47 3.14 -29.17 N | 66.34 3.74 -23.07 N | 65.74 3.60 -25.32 N | 65.71 4.72 -16.24 N | 65.40 4.94 -16.78 N | 63.62 4.37 -20.27 N | 62.25 5.02 -11.69 N | 56.47 4.69 -7.64 N | 46.72 4.29 -1.86 N | 24.37 2.06 0.00 N | 34.83 2.76 0.00 N | 43.15 3.21 0.00 N | 42.61 2.67 0.00 N |
| EAST_RIVER___2 323559 | 35.35 1.91 -5.05 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.11 -3.41 0.00 N | -6.99 -0.24 0.00 N | -243.47 -11.60 0.00 N | -307.93 -11.07 0.00 N | -156.71 -6.26 0.00 N | 28.73 1.80 0.00 N | 51.89 2.64 -16.29 N | 67.45 2.51 -35.74 N | 66.47 3.09 -29.22 N | 66.32 3.68 -23.10 N | 65.72 3.53 -25.36 N | 65.67 4.64 -16.27 N | 65.36 4.86 -16.82 N | 63.58 4.30 -20.31 N | 62.21 4.95 -11.72 N | 56.44 4.64 -7.66 N | 46.67 4.23 -1.87 N | 24.34 2.04 0.00 N | 34.80 2.73 0.00 N | 43.12 3.18 0.00 N | 42.58 2.62 0.00 N |
| ELEC_TRO_TEK 24086 | 69.77 1.96 -39.41 N | 63.43 1.08 -45.13 N | 16.72 -0.84 -32.02 N | -58.56 -3.43 -2.57 N | -6.98 -0.24 0.00 N | -243.31 -11.43 0.00 N | -307.75 -10.90 0.00 N | -152.79 -6.21 -3.87 N | 67.39 1.79 -38.67 N | 71.75 2.60 -36.20 N | 75.15 2.44 -43.52 N | 76.56 2.98 -39.42 N | 88.95 3.54 -45.87 N | 79.17 3.46 -38.88 N | 83.14 4.54 -33.84 N | 76.11 4.74 -27.69 N | 75.68 4.20 -32.50 N | 75.62 4.84 -25.24 N | 115.19 4.57 -66.47 N | 75.72 4.22 -30.93 N | 75.24 2.04 -50.91 N | 77.25 2.75 -42.42 N | 71.94 3.23 -28.77 N | 70.99 2.70 -28.34 N |
| E_CANADA_CAP_HY 24051 | 30.07 1.67 0.00 N | 18.53 1.30 0.00 N | -15.55 -1.09 0.00 N | -62.07 -4.38 0.00 N | -7.17 -0.43 0.00 N | -249.79 -17.91 0.00 N | -319.39 -22.54 0.00 N | -162.85 -12.40 0.00 N | 29.67 2.75 0.00 N | 36.85 3.90 0.00 N | 32.95 3.76 0.00 N | 38.76 4.60 0.00 N | 44.97 5.44 0.00 N | 41.85 5.03 0.00 N | 51.18 6.42 0.00 N | 50.08 6.40 0.00 N | 44.65 5.67 0.00 N | 52.19 6.65 0.00 N | 50.40 6.25 0.00 N | 46.25 5.68 0.00 N | 25.24 2.94 0.00 N | 36.37 4.30 0.00 N | 42.83 2.88 0.00 N | 42.07 2.12 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|----------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---|
| E_CANADA_MHWK_HY 24050 | 30.85 2.45 0.00 N | 18.55 1.32 0.00 N | -15.53 -1.07 0.00 N | -61.90 -4.21 0.00 N | -7.18 -0.44 0.00 N | -248.04 -16.16 0.00 N | -317.14 -20.29 0.00 N | -161.24 -10.79 0.00 N | 29.34 2.41 0.00 N | 36.32 3.36 0.00 N | 32.48 3.29 0.00 N | 38.25 4.08 0.00 N | 44.39 4.85 0.00 N | 41.36 4.54 0.00 N | 50.54 5.78 0.00 N | 49.48 5.81 0.00 N | 44.15 5.17 0.00 N | 51.62 6.08 0.00 N | 49.89 5.75 0.00 N | 45.76 5.19 0.00 N | 24.99 2.68 0.00 N | 35.98 3.91 0.00 N | 43.56 3.62 0.00 N | 43.09 3.14 0.00 N | |
| E_FISHKILL__LBMP 23776 | 29.87 1.48 0.00 N | 18.05 0.82 0.00 N | -15.09 -0.62 0.00 N | -60.38 -2.69 0.00 N | -6.92 -0.18 0.00 N | -240.96 -9.08 0.00 N | -305.41 -8.56 0.00 N | -155.28 -4.83 0.00 N | 28.32 1.39 0.00 N | 35.02 2.06 0.00 N | 31.21 2.02 0.00 N | 36.65 2.49 0.00 N | 42.48 2.95 0.00 N | 39.66 2.83 0.00 N | 48.51 3.75 0.00 N | 47.65 3.97 0.00 N | 42.48 3.50 0.00 N | 49.54 4.00 0.00 N | 47.90 3.76 0.00 N | 44.04 3.47 0.00 N | 23.95 1.65 0.00 N | 34.26 2.18 0.00 N | 42.46 2.52 0.00 N | 41.99 2.04 0.00 N | |
| FAR ROCKAWAY___4 23548 | 70.33 2.53 -39.41 N | 65.96 1.51 -47.22 N | 16.53 -1.22 -32.22 N | -53.94 -4.81 -8.57 N | -7.03 -0.29 0.00 N | -247.39 -15.51 0.00 N | -313.53 -16.68 0.00 N | -155.97 -9.40 -3.87 N | 68.04 2.44 -38.67 N | 72.99 3.49 -36.55 N | 75.97 3.27 -43.52 N | 77.54 3.95 -39.43 N | 90.36 4.57 -46.25 N | 79.88 4.17 -38.88 N | 84.32 5.47 -34.09 N | 77.27 5.91 -27.69 N | 76.83 5.34 -32.50 N | 76.86 6.08 -25.24 N | 116.24 5.63 -66.47 N | 76.60 5.10 -30.93 N | 75.75 2.54 -50.91 N | 77.83 3.34 -42.42 N | 73.19 4.48 -28.77 N | 71.93 3.65 -28.34 N | |
| FARRAGUT__LBMP 323566 | 35.32 1.87 -5.05 N | 18.27 1.04 0.00 N | -15.24 -0.78 0.00 N | -61.07 -3.38 0.00 N | -6.97 -0.23 0.00 N | -243.52 -11.64 0.00 N | -308.09 -11.24 0.00 N | -156.66 -6.21 0.00 N | 28.73 1.80 0.00 N | 51.89 2.64 -16.30 N | 67.46 2.52 -35.74 N | 66.47 3.09 -29.22 N | 66.32 3.68 -23.10 N | 65.71 3.53 -25.36 N | 65.70 4.64 -16.29 N | 65.40 4.87 -16.85 N | 63.62 4.30 -20.34 N | 62.22 4.94 -11.74 N | 56.44 4.63 -7.67 N | 46.67 4.22 -1.87 N | 24.34 2.04 0.00 N | 34.79 2.72 0.00 N | 43.09 3.15 0.00 N | 42.57 2.62 0.00 N | |
| FENNER__WINDPWR 24204 | 28.39 -0.01 0.00 N | 17.18 -0.05 0.00 N | -14.44 0.02 0.00 N | -57.52 0.17 0.00 N | -6.79 -0.05 0.00 N | -230.51 1.37 0.00 N | -296.01 0.84 0.00 N | -150.69 -0.24 0.00 N | 26.93 0.01 0.00 N | 33.09 0.14 0.00 N | 29.46 0.27 0.00 N | 34.48 0.31 0.00 N | 39.97 0.44 0.00 N | 37.24 0.41 0.00 N | 45.33 0.57 0.00 N | 44.46 0.78 0.00 N | 39.67 0.69 0.00 N | 46.30 0.76 0.00 N | 44.86 0.72 0.00 N | 41.13 0.56 0.00 N | 22.70 0.40 0.00 N | 32.57 0.50 0.00 N | 40.28 0.33 0.00 N | 40.10 0.15 0.00 N | |
| FIBERTEK__ENERGY 23856 | 28.08 -0.32 0.00 N | 16.98 -0.25 0.00 N | -14.27 0.20 0.00 N | -56.81 0.88 0.00 N | -6.73 0.01 0.00 N | -228.75 3.12 0.00 N | -294.19 2.66 0.00 N | -149.20 1.25 0.00 N | 26.48 -0.44 0.00 N | 32.50 -0.46 0.00 N | 28.94 -0.25 0.00 N | 33.90 -0.26 0.00 N | 39.32 -0.22 0.00 N | 36.65 -0.18 0.00 N | 44.61 -0.15 0.00 N | 43.81 0.13 0.00 N | 39.11 0.13 0.00 N | 45.62 0.07 0.00 N | 44.23 0.08 0.00 N | 40.55 -0.02 0.00 N | 22.34 0.03 0.00 N | 32.10 0.02 0.00 N | 39.78 -0.16 0.00 N | 39.68 -0.26 0.00 N | |
| FITZPATRICK____ 23598 | 27.46 -0.94 0.00 N | 16.63 -0.60 0.00 N | -13.98 0.49 0.00 N | -55.73 1.96 0.00 N | -6.58 0.16 0.00 N | -224.36 7.52 0.00 N | -288.12 8.73 0.00 N | -146.04 4.41 0.00 N | 25.88 -1.05 0.00 N | 31.70 -1.26 0.00 N | 28.16 -1.03 0.00 N | 32.95 -1.21 0.00 N | 38.15 -1.39 0.00 N | 35.55 -1.28 0.00 N | 43.22 -1.54 0.00 N | 42.39 -1.29 0.00 N | 37.84 -1.14 0.00 N | 44.12 -1.43 0.00 N | 42.78 -1.36 0.00 N | 39.27 -1.30 0.00 N | 21.61 -0.69 0.00 N | 31.09 -0.98 0.00 N | 38.67 -1.28 0.00 N | 38.72 -1.23 0.00 N | |
| FORT ORANGE____ 23900 | 29.43 1.04 0.00 N | 17.81 0.58 0.00 N | -14.95 -0.49 0.00 N | -59.65 -1.96 0.00 N | -6.84 -0.10 0.00 N | -238.16 -6.28 0.00 N | -302.11 -5.26 0.00 N | -153.27 -2.82 0.00 N | 27.78 0.85 0.00 N | 34.09 1.14 0.00 N | 30.18 0.99 0.00 N | 35.41 1.24 0.00 N | 40.85 1.32 0.00 N | 38.11 1.28 0.00 N | 46.38 1.62 0.00 N | 45.22 1.54 0.00 N | 40.35 1.37 0.00 N | 47.08 1.54 0.00 N | 45.55 1.41 0.00 N | 42.04 1.47 0.00 N | 23.00 0.70 0.00 N | 33.19 1.11 0.00 N | 41.61 1.66 0.00 N | 41.34 1.40 0.00 N | |
| FORT_DRUM_COGEN 23780 | 27.07 -1.33 0.00 N | 16.34 -0.89 0.00 N | -13.70 0.77 0.00 N | -54.64 3.06 0.00 N | -6.42 0.33 0.00 N | -219.86 12.01 0.00 N | -282.01 14.85 0.00 N | -143.47 6.98 0.00 N | 25.97 -0.96 0.00 N | 31.92 -1.04 0.00 N | 28.32 -0.87 0.00 N | 33.17 -1.00 0.00 N | 38.47 -1.07 0.00 N | 35.84 -0.99 0.00 N | 43.47 -1.29 0.00 N | 42.44 -1.24 0.00 N | 37.87 -1.12 0.00 N | 44.14 -1.41 0.00 N | 42.75 -1.39 0.00 N | 39.18 -1.40 0.00 N | 21.55 -0.75 0.00 N | 31.06 -1.01 0.00 N | 38.54 -1.40 0.00 N | 38.51 -1.44 0.00 N | |
| FPL_FAR_ROCK_GT1 24212 | 70.33 2.53 -39.41 N | 65.96 1.51 -47.22 N | 16.53 -1.22 -32.22 N | -53.94 -4.81 -8.57 N | -7.03 -0.29 0.00 N | -247.39 -15.51 0.00 N | -313.53 -16.68 0.00 N | -155.97 -9.40 -3.87 N | 68.04 2.44 -38.67 N | 72.99 3.49 -36.55 N | 75.97 3.27 -43.52 N | 77.54 3.95 -39.43 N | 90.36 4.57 -46.25 N | 79.88 4.17 -38.88 N | 84.32 5.47 -34.09 N | 77.27 5.91 -27.69 N | 76.83 5.34 -32.50 N | 76.86 6.08 -25.24 N | 116.24 5.63 -66.47 N | 76.60 5.10 -30.93 N | 75.75 2.54 -50.91 N | 77.83 3.34 -42.42 N | 73.19 4.48 -28.77 N | 71.93 3.65 -28.34 N | |
| FPL_FAR_ROCK_GT2 23815 | 70.33 2.53 -39.41 N | 65.96 1.51 -47.22 N | 16.53 -1.22 -32.22 N | -53.94 -4.81 -8.57 N | -7.03 -0.29 0.00 N | -247.39 -15.51 0.00 N | -313.53 -16.68 0.00 N | -155.97 -9.40 -3.87 N | 68.04 2.44 -38.67 N | 72.99 3.49 -36.55 N | 75.97 3.27 -43.52 N | 77.54 3.95 -39.43 N | 90.36 4.57 -46.25 N | 79.88 4.17 -38.88 N | 84.32 5.47 -34.09 N | 77.27 5.91 -27.69 N | 76.83 5.34 -32.50 N | 76.86 6.08 -25.24 N | 116.24 5.63 -66.47 N | 76.60 5.10 -30.93 N | 75.75 2.54 -50.91 N | 77.83 3.34 -42.42 N | 73.19 4.48 -28.77 N | 71.93 3.65 -28.34 N | |
| FRANKLIN_FALL_HYD 24054 | 27.91 -0.48 0.00 N | 17.00 -0.23 0.00 N | -14.26 0.20 0.00 N | -56.77 0.93 0.00 N | -6.65 0.09 0.00 N | -229.17 2.71 0.00 N | -294.54 2.31 0.00 N | -149.44 1.01 0.00 N | 26.86 -0.06 0.00 N | 32.62 -0.33 0.00 N | 28.66 -0.53 0.00 N | 33.39 -0.78 0.00 N | 38.52 -1.01 0.00 N | 35.79 -1.03 0.00 N | 43.21 -1.55 0.00 N | 41.70 -1.98 0.00 N | 37.06 -1.92 0.00 N | 43.45 -2.10 0.00 N | 42.19 -1.95 0.00 N | 38.85 -1.73 0.00 N | 21.47 -0.83 0.00 N | 31.07 -1.00 0.00 N | 38.82 -1.12 0.00 N | 39.15 -0.80 0.00 N | |
| FREEPORT_EQUS_GT1 23764 | 70.44 2.64 -39.41 N | 64.07 1.45 -45.39 N | 16.43 -1.15 -32.05 N | -59.01 -4.64 -3.33 N | -7.12 -0.38 0.00 N | -247.89 -16.01 0.00 N | -314.01 -17.15 0.00 N | -156.04 -9.47 -3.87 N | 68.06 2.46 -38.67 N | 72.67 3.48 -36.24 N | 75.91 3.20 -43.52 N | 77.36 3.88 -39.33 N | 84.36 4.60 -40.23 N | 80.04 4.33 -38.88 N | 80.42 5.46 -30.20 N | 77.02 5.66 -27.69 N | 76.48 4.99 -32.50 N | 76.52 5.74 -25.24 N | 116.19 5.57 -66.47 N | 76.65 5.15 -30.93 N | 75.77 2.56 -50.91 N | 77.97 3.47 -42.42 N | 72.82 4.11 -28.77 N | 71.89 3.61 -28.34 N | |
| FULTON COGEN____ | 27.83 | 16.82 | -14.12 | -56.29 | -6.67 | -226.57 | -291.24 | -147.69 | 26.22 | 32.17 | 28.61 | 33.52 | 38.86 | 36.22 | 44.09 | 43.28 | 38.65 | 45.06 | 43.69 | 40.06 | 22.04 | 31.70 | 39.36 | 39.34 | |

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| 23766 | -0.57 0.00 N | -0.41 0.00 N | 0.34 0.00 N | 1.40 0.00 N | 0.07 0.00 N | 5.31 0.00 N | 5.61 0.00 N | 2.76 0.00 N | -0.71 0.00 N | -0.79 0.00 N | -0.58 0.00 N | -0.64 0.00 N | -0.67 0.00 N | -0.60 0.00 N | -0.67 0.00 N | -0.39 0.00 N | -0.33 0.00 N | -0.49 0.00 N | -0.45 0.00 N | -0.51 0.00 N | -0.26 0.00 N | -0.37 0.00 N | -0.58 0.00 N | -0.61 0.00 N |
| Freeport___CT2 23818 | 70.44 2.64 -39.41 N | 64.07 1.45 -45.39 N | 16.43 -1.15 -32.05 N | -59.01 -4.64 -3.33 N | -7.12 -0.38 0.00 N | -247.89 -16.01 0.00 N | -314.01 -17.15 0.00 N | -156.04 -9.47 -3.87 N | 68.06 2.46 -38.67 N | 72.67 3.48 -36.24 N | 75.91 3.20 -43.52 N | 77.36 3.88 -39.33 N | 84.36 4.60 -40.23 N | 80.04 4.33 -38.88 N | 80.42 5.46 -30.20 N | 77.02 5.66 -27.69 N | 76.48 4.99 -32.50 N | 76.52 5.74 -25.24 N | 116.19 5.57 -66.47 N | 76.65 5.15 -30.93 N | 75.77 2.56 -50.91 N | 77.97 3.47 -42.42 N | 72.82 4.11 -28.77 N | 71.89 3.61 -28.34 N |
| G.F.CEMENT___DRP 24184 | 28.72 0.32 0.00 N | 17.41 0.17 0.00 N | -14.61 -0.15 0.00 N | -58.29 -0.59 0.00 N | -6.64 0.10 0.00 N | -232.13 -0.25 0.00 N | -292.93 3.92 0.00 N | -149.14 1.32 0.00 N | 27.38 0.45 0.00 N | 33.72 0.76 0.00 N | 30.26 1.07 0.00 N | 35.61 1.45 0.00 N | 41.07 1.54 0.00 N | 38.24 1.42 0.00 N | 46.62 1.86 0.00 N | 45.46 1.79 0.00 N | 40.49 1.51 0.00 N | 47.26 1.72 0.00 N | 45.82 1.68 0.00 N | 42.25 1.68 0.00 N | 22.87 0.57 0.00 N | 32.77 0.70 0.00 N | 40.86 0.92 0.00 N | 40.65 0.70 0.00 N |
| GARDENVILLE___LBMP 24039 | 25.97 -2.43 0.00 N | 15.64 -1.59 0.00 N | -13.35 1.11 0.00 N | -53.02 4.67 0.00 N | -6.86 -0.11 0.00 N | -218.11 13.77 0.00 N | -288.76 8.09 0.00 N | -146.19 4.26 0.00 N | 24.18 -2.75 0.00 N | 29.76 -3.20 0.00 N | 26.54 -2.66 0.00 N | 30.89 -3.28 0.00 N | 35.96 -3.57 0.00 N | 33.48 -3.35 0.00 N | 40.91 -3.84 0.00 N | 41.11 -2.57 0.00 N | 36.62 -2.36 0.00 N | 42.42 -3.13 0.00 N | 41.20 -2.94 0.00 N | 37.44 -3.13 0.00 N | 20.92 -1.38 0.00 N | 30.22 -1.85 0.00 N | 37.10 -2.84 0.00 N | 37.10 -2.85 0.00 N |
| GENERAL___MILLS 23808 | 26.05 -2.35 0.00 N | 15.69 -1.55 0.00 N | -13.39 1.07 0.00 N | -53.20 4.49 0.00 N | -6.88 -0.15 0.00 N | -218.63 13.25 0.00 N | -289.34 7.51 0.00 N | -146.56 3.88 0.00 N | 24.24 -2.68 0.00 N | 29.82 -3.13 0.00 N | 26.59 -2.61 0.00 N | 30.94 -3.22 0.00 N | 36.01 -3.52 0.00 N | 33.52 -3.31 0.00 N | 40.96 -3.80 0.00 N | 41.17 -2.51 0.00 N | 36.68 -2.30 0.00 N | 42.48 -3.06 0.00 N | 41.27 -2.87 0.00 N | 37.49 -3.08 0.00 N | 20.96 -1.34 0.00 N | 30.29 -1.78 0.00 N | 37.19 -2.76 0.00 N | 37.21 -2.74 0.00 N |
| GE_PLASTICS___DRP 24183 | 28.89 0.50 0.00 N | 17.51 0.28 0.00 N | -14.70 -0.24 0.00 N | -58.71 -1.02 0.00 N | -6.72 0.02 0.00 N | -234.32 -2.44 0.00 N | -297.36 -0.51 0.00 N | -150.70 -0.25 0.00 N | 27.23 0.30 0.00 N | 33.52 0.56 0.00 N | 29.86 0.67 0.00 N | 35.05 0.88 0.00 N | 40.50 0.97 0.00 N | 37.77 0.95 0.00 N | 46.02 1.26 0.00 N | 44.93 1.26 0.00 N | 40.09 1.11 0.00 N | 46.78 1.24 0.00 N | 45.29 1.14 0.00 N | 41.73 1.15 0.00 N | 22.80 0.49 0.00 N | 32.69 0.62 0.00 N | 40.81 0.87 0.00 N | 40.55 0.60 0.00 N |
| GILBOA___1 23756 | 29.24 0.85 0.00 N | 17.78 0.55 0.00 N | -14.94 -0.47 0.00 N | -59.65 -1.96 0.00 N | -6.80 -0.06 0.00 N | -238.10 -6.22 0.00 N | -302.33 -5.48 0.00 N | -152.78 -2.33 0.00 N | 27.48 0.55 0.00 N | 33.85 0.89 0.00 N | 30.13 0.94 0.00 N | 35.36 1.19 0.00 N | 40.92 1.39 0.00 N | 38.17 1.34 0.00 N | 46.53 1.78 0.00 N | 45.48 1.80 0.00 N | 40.56 1.58 0.00 N | 47.33 1.78 0.00 N | 45.81 1.66 0.00 N | 42.15 1.58 0.00 N | 23.02 0.72 0.00 N | 33.00 0.93 0.00 N | 41.12 1.18 0.00 N | 40.84 0.89 0.00 N |
| GILBOA___2 23757 | 29.24 0.85 0.00 N | 17.78 0.55 0.00 N | -14.94 -0.47 0.00 N | -59.65 -1.96 0.00 N | -6.80 -0.06 0.00 N | -238.10 -6.22 0.00 N | -302.33 -5.48 0.00 N | -152.78 -2.33 0.00 N | 27.48 0.55 0.00 N | 33.85 0.89 0.00 N | 30.13 0.94 0.00 N | 35.36 1.19 0.00 N | 40.92 1.39 0.00 N | 38.17 1.34 0.00 N | 46.53 1.78 0.00 N | 45.48 1.80 0.00 N | 40.56 1.58 0.00 N | 47.33 1.78 0.00 N | 45.81 1.66 0.00 N | 42.15 1.58 0.00 N | 23.02 0.72 0.00 N | 33.00 0.93 0.00 N | 41.12 1.18 0.00 N | 40.84 0.89 0.00 N |
| GILBOA___3 23758 | 29.24 0.85 0.00 N | 17.78 0.55 0.00 N | -14.94 -0.47 0.00 N | -59.65 -1.96 0.00 N | -6.80 -0.06 0.00 N | -238.10 -6.22 0.00 N | -302.33 -5.48 0.00 N | -152.78 -2.33 0.00 N | 27.48 0.55 0.00 N | 33.85 0.89 0.00 N | 30.13 0.94 0.00 N | 35.36 1.19 0.00 N | 40.92 1.39 0.00 N | 38.17 1.34 0.00 N | 46.53 1.78 0.00 N | 45.48 1.80 0.00 N | 40.56 1.58 0.00 N | 47.33 1.78 0.00 N | 45.81 1.66 0.00 N | 42.15 1.58 0.00 N | 23.02 0.72 0.00 N | 33.00 0.93 0.00 N | 41.12 1.18 0.00 N | 40.84 0.89 0.00 N |
| GILBOA___4 23759 | 29.24 0.85 0.00 N | 17.78 0.55 0.00 N | -14.94 -0.47 0.00 N | -59.65 -1.96 0.00 N | -6.80 -0.06 0.00 N | -238.10 -6.22 0.00 N | -302.33 -5.48 0.00 N | -152.78 -2.33 0.00 N | 27.48 0.55 0.00 N | 33.85 0.89 0.00 N | 30.13 0.94 0.00 N | 35.36 1.19 0.00 N | 40.92 1.39 0.00 N | 38.17 1.34 0.00 N | 46.53 1.78 0.00 N | 45.48 1.80 0.00 N | 40.56 1.58 0.00 N | 47.33 1.78 0.00 N | 45.81 1.66 0.00 N | 42.15 1.58 0.00 N | 23.02 0.72 0.00 N | 33.00 0.93 0.00 N | 41.12 1.18 0.00 N | 40.84 0.89 0.00 N |
| GILBOA___ 23599 | 29.24 0.85 0.00 N | 17.78 0.55 0.00 N | -14.94 -0.47 0.00 N | -59.65 -1.96 0.00 N | -6.80 -0.06 0.00 N | -238.10 -6.22 0.00 N | -302.33 -5.48 0.00 N | -152.78 -2.33 0.00 N | 27.48 0.55 0.00 N | 33.85 0.89 0.00 N | 30.13 0.94 0.00 N | 35.36 1.19 0.00 N | 40.92 1.39 0.00 N | 38.17 1.34 0.00 N | 46.53 1.78 0.00 N | 45.48 1.80 0.00 N | 40.56 1.58 0.00 N | 47.33 1.78 0.00 N | 45.81 1.66 0.00 N | 42.15 1.58 0.00 N | 23.02 0.72 0.00 N | 33.00 0.93 0.00 N | 41.12 1.18 0.00 N | 40.84 0.89 0.00 N |
| GINNA___ 23603 | 26.18 -2.22 0.00 N | 15.79 -1.44 0.00 N | -13.32 1.14 0.00 N | -52.99 4.70 0.00 N | -6.54 0.20 0.00 N | -214.69 17.19 0.00 N | -278.39 18.46 0.00 N | -141.85 8.61 0.00 N | 24.61 -2.32 0.00 N | 30.34 -2.62 0.00 N | 27.02 -2.17 0.00 N | 31.52 -2.64 0.00 N | 36.53 -3.00 0.00 N | 34.06 -2.77 0.00 N | 41.38 -3.38 0.00 N | 41.09 -2.59 0.00 N | 36.75 -2.23 0.00 N | 42.58 -2.97 0.00 N | 41.34 -2.81 0.00 N | 37.74 -2.83 0.00 N | 20.96 -1.34 0.00 N | 30.30 -1.77 0.00 N | 37.38 -2.56 0.00 N | 37.33 -2.62 0.00 N |
| GLEN PARK___ 23778 | 27.21 -1.19 0.00 N | 16.41 -0.83 0.00 N | -13.76 0.71 0.00 N | -54.87 2.83 0.00 N | -6.47 0.27 0.00 N | -220.89 10.99 0.00 N | -283.41 13.45 0.00 N | -143.99 6.46 0.00 N | 26.06 -0.87 0.00 N | 32.06 -0.90 0.00 N | 28.49 -0.70 0.00 N | 33.37 -0.79 0.00 N | 38.73 -0.80 0.00 N | 36.13 -0.69 0.00 N | 43.86 -0.90 0.00 N | 42.88 -0.80 0.00 N | 38.27 -0.71 0.00 N | 44.55 -1.00 0.00 N | 43.12 -1.02 0.00 N | 39.50 -1.07 0.00 N | 21.73 -0.57 0.00 N | 31.32 -0.76 0.00 N | 38.83 -1.12 0.00 N | 38.76 -1.19 0.00 N |
| GLENWOOD_IC_1_G5 23712 | 69.91 2.11 -39.41 N | 63.63 1.19 -45.21 N | 16.62 -0.94 -32.03 N | -58.72 -3.84 -2.81 N | -7.01 -0.26 0.00 N | -244.55 -12.67 0.00 N | -309.79 -12.94 0.00 N | -153.88 -7.31 -3.87 N | 67.60 2.00 -38.67 N | 72.05 2.88 -36.21 N | 75.41 2.70 -43.52 N | 76.83 3.28 -39.39 N | 87.60 3.82 -44.25 N | 79.23 3.52 -38.88 N | 82.17 4.62 -32.79 N | 76.27 4.91 -27.69 N | 75.82 4.34 -32.50 N | 75.76 4.97 -25.24 N | 115.28 4.67 -66.47 N | 75.78 4.28 -30.93 N | 75.30 2.09 -50.91 N | 77.25 2.75 -42.42 N | 71.97 3.26 -28.77 N | 71.19 2.91 -28.34 N |

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| GLENWOOD_IC_2_G1 23688 | 69.76 1.95 -39.41 N | 63.34 1.08 -45.02 N | 16.71 -0.84 -32.01 N | -58.91 -3.49 -2.27 N | -7.01 -0.27 0.00 N | -243.75 -11.87 0.00 N | -308.76 -11.91 0.00 N | -153.28 -6.71 -3.87 N | 67.46 1.86 -38.67 N | 71.82 2.69 -36.18 N | 75.27 2.56 -43.52 N | 76.36 3.13 -39.07 N | 67.32 3.72 -24.07 N | 79.28 3.57 -38.88 N | 69.23 4.70 -19.78 N | 76.31 4.95 -27.69 N | 75.85 4.36 -32.50 N | 75.78 5.00 -25.24 N | 115.31 4.70 -66.47 N | 75.82 4.32 -30.93 N | 75.31 2.10 -50.91 N | 77.31 2.82 -42.42 N | 71.97 3.26 -28.77 N | 71.01 2.73 -28.34 N |
| GLENWOOD_IC_3_G1 23689 | 69.76 1.95 -39.41 N | 63.34 1.08 -45.02 N | 16.71 -0.84 -32.01 N | -58.91 -3.49 -2.27 N | -7.01 -0.27 0.00 N | -243.75 -11.87 0.00 N | -308.76 -11.91 0.00 N | -153.28 -6.71 -3.87 N | 67.46 1.86 -38.67 N | 71.82 2.69 -36.18 N | 75.27 2.56 -43.52 N | 76.36 3.13 -39.07 N | 67.32 3.72 -24.07 N | 79.28 3.57 -38.88 N | 69.23 4.70 -19.78 N | 76.31 4.95 -27.69 N | 75.85 4.36 -32.50 N | 75.78 5.00 -25.24 N | 115.31 4.70 -66.47 N | 75.82 4.32 -30.93 N | 75.31 2.10 -50.91 N | 77.31 2.82 -42.42 N | 71.97 3.26 -28.77 N | 71.01 2.73 -28.34 N |
| GLENWOOD___4 23550 | 69.91 2.10 -39.41 N | 63.63 1.19 -45.21 N | 16.62 -0.94 -32.03 N | -58.72 -3.84 -2.81 N | -7.01 -0.26 0.00 N | -244.55 -12.67 0.00 N | -309.77 -12.92 0.00 N | -153.88 -7.31 -3.87 N | 67.60 2.00 -38.67 N | 72.05 2.88 -36.21 N | 75.41 2.70 -43.52 N | 76.82 3.27 -39.39 N | 87.51 3.82 -44.15 N | 79.31 3.60 -38.88 N | 82.21 4.72 -32.73 N | 76.37 5.01 -27.69 N | 75.91 4.43 -32.50 N | 75.86 5.07 -25.24 N | 115.39 4.77 -66.47 N | 75.87 4.36 -30.93 N | 75.34 2.14 -50.91 N | 77.32 2.83 -42.42 N | 72.04 3.33 -28.77 N | 71.19 2.91 -28.34 N |
| GLENWOOD___5 23614 | 69.91 2.10 -39.41 N | 63.63 1.19 -45.21 N | 16.62 -0.94 -32.03 N | -58.72 -3.84 -2.81 N | -7.01 -0.26 0.00 N | -244.55 -12.67 0.00 N | -309.77 -12.92 0.00 N | -153.88 -7.31 -3.87 N | 67.60 2.00 -38.67 N | 72.05 2.88 -36.21 N | 75.41 2.70 -43.52 N | 76.82 3.27 -39.39 N | 87.51 3.82 -44.15 N | 79.31 3.60 -38.88 N | 82.21 4.72 -32.73 N | 76.37 5.01 -27.69 N | 75.91 4.43 -32.50 N | 75.86 5.07 -25.24 N | 115.39 4.77 -66.47 N | 75.87 4.36 -30.93 N | 75.34 2.14 -50.91 N | 77.32 2.83 -42.42 N | 72.04 3.33 -28.77 N | 71.19 2.91 -28.34 N |
| GLOBAL GREEN_PORT_GT1 23814 | 71.38 3.57 -39.41 N | 63.94 1.83 -44.87 N | 16.00 -1.53 -32.00 N | -61.89 -6.03 -1.83 N | -7.30 -0.56 0.00 N | -253.41 -21.53 0.00 N | -320.69 -23.84 0.00 N | -159.17 -12.59 -3.87 N | 68.83 3.23 -38.67 N | 73.11 3.99 -36.15 N | 75.59 2.88 -43.52 N | 77.03 3.60 -39.26 N | 80.01 4.35 -36.12 N | 80.03 4.33 -38.88 N | 78.00 5.69 -27.55 N | 77.36 5.99 -27.69 N | 76.73 5.25 -32.50 N | 76.71 5.93 -25.24 N | 116.12 5.51 -66.47 N | 76.48 4.97 -30.93 N | 75.68 2.47 -50.91 N | 77.87 3.38 -42.42 N | 72.56 3.84 -28.77 N | 72.57 4.29 -28.34 N |
| GOETHSLN___LBMP 323567 | 35.23 1.79 -5.05 N | 18.22 0.99 0.00 N | -15.21 -0.75 0.00 N | -60.92 -3.23 0.00 N | -6.97 -0.23 0.00 N | -243.00 -11.12 0.00 N | -307.33 -10.48 0.00 N | -156.23 -5.78 0.00 N | 28.65 1.72 0.00 N | 51.80 2.54 -16.30 N | 67.37 2.44 -35.74 N | 66.39 3.00 -29.22 N | 66.24 3.60 -23.10 N | 65.67 3.48 -25.36 N | 65.65 4.59 -16.29 N | 65.36 4.82 -16.85 N | 63.58 4.25 -20.34 N | 62.17 4.89 -11.74 N | 56.37 4.56 -7.67 N | 46.61 4.17 -1.87 N | 24.30 1.99 0.00 N | 34.73 2.66 0.00 N | 43.00 3.05 0.00 N | 42.45 2.49 0.00 N |
| GOUDEY___7 23579 | 26.46 -1.94 0.00 N | 15.92 -1.31 0.00 N | -13.61 0.85 0.00 N | -54.02 3.68 0.00 N | -6.69 0.05 0.00 N | -222.39 9.49 0.00 N | -296.77 0.08 0.00 N | -147.44 3.01 0.00 N | 24.90 -2.02 0.00 N | 31.13 -1.83 0.00 N | 27.79 -1.40 0.00 N | 32.77 -1.39 0.00 N | 38.55 -0.99 0.00 N | 36.02 -0.80 0.00 N | 44.84 0.08 0.00 N | 44.58 0.90 0.00 N | 39.28 0.30 0.00 N | 45.93 0.39 0.00 N | 44.37 0.23 0.00 N | 40.50 -0.08 0.00 N | 22.26 -0.04 0.00 N | 31.59 -0.48 0.00 N | 38.74 -1.20 0.00 N | 37.85 -2.10 0.00 N |
| GOUDEY___8 23580 | 26.46 -1.94 0.00 N | 15.91 -1.32 0.00 N | -13.61 0.85 0.00 N | -54.00 3.69 0.00 N | -6.69 0.05 0.00 N | -222.30 9.58 0.00 N | -296.55 0.30 0.00 N | -147.39 3.06 0.00 N | 24.89 -2.03 0.00 N | 31.12 -1.84 0.00 N | 27.78 -1.41 0.00 N | 32.75 -1.41 0.00 N | 38.53 -1.01 0.00 N | 36.00 -0.83 0.00 N | 44.82 0.06 0.00 N | 44.55 0.87 0.00 N | 39.24 0.26 0.00 N | 45.90 0.36 0.00 N | 44.35 0.21 0.00 N | 40.48 -0.09 0.00 N | 22.25 -0.05 0.00 N | 31.57 -0.50 0.00 N | 38.72 -1.22 0.00 N | 37.84 -2.11 0.00 N |
| GOWANUS_GT1_1 24077 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT1_2 24078 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT1_3 24079 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT1_4 24080 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT1_5 24084 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT1_6 24111 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |

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|----------------------------|--|-----------------------------|----------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|-------------------------------|----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|------------------------------|
| 24125 | | 2.06 -5.08 N | 1.15 0.00 N | -0.86 0.00 N | -3.61 0.00 N | -0.26 0.00 N | -12.85 0.00 N | -12.63 0.00 N | -6.81 0.00 N | 1.96 0.00 N | 2.86 -16.86 N | 2.66 -47.69 N | 3.26 -29.45 N | 3.87 -28.05 N | 3.69 -25.57 N | 4.83 -56.96 N | 5.09 -17.13 N | 4.48 -59.84 N | 5.17 -54.66 N | 4.86 -22.77 N | 4.46 -54.97 N | 2.15 -80.43 N | 2.86 -168.74 N | 3.36 -71.23 N | 2.83 -23.26 N |
| GOWANUS_GT3_5 24126 | | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT3_6 24127 | | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT3_7 24128 | | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT3_8 24129 | | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT4_1 24130 | | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT4_2 24131 | | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT4_3 24132 | | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT4_4 24133 | | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT4_5 24134 | | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT4_6 24135 | | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT4_7 24136 | | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GOWANUS_GT4_8 24137 | | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| GRAHMSVILLE____HY 23607 | | 29.92 1.52 0.00 N | 18.04 0.80 0.00 N | -15.08 -0.61 0.00 N | -60.26 -2.57 0.00 N | -6.97 -0.23 0.00 N | -241.24 -9.36 0.00 N | -307.46 -10.61 0.00 N | -156.18 -5.73 0.00 N | 28.33 1.40 0.00 N | 35.03 2.07 0.00 N | 31.21 2.01 0.00 N | 36.67 2.50 0.00 N | 42.59 3.06 0.00 N | 39.77 2.95 0.00 N | 48.65 3.89 0.00 N | 47.80 4.12 0.00 N | 42.62 3.64 0.00 N | 49.73 4.19 0.00 N | 48.07 3.93 0.00 N | 44.11 3.53 0.00 N | 24.05 1.74 0.00 N | 34.42 2.35 0.00 N | 42.61 2.67 0.00 N | 42.16 2.21 0.00 N |

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|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| GREENIDGE___3 23582 | 26.97 -1.43 0.00 N | 16.28 -0.95 0.00 N | -13.79 0.68 0.00 N | -54.77 2.92 0.00 N | -6.69 0.05 0.00 N | -222.75 9.13 0.00 N | -291.42 5.43 0.00 N | -146.98 3.47 0.00 N | 25.37 -1.55 0.00 N | 31.34 -1.62 0.00 N | 28.02 -1.17 0.00 N | 32.78 -1.38 0.00 N | 37.90 -1.64 0.00 N | 35.40 -1.42 0.00 N | 43.04 -1.72 0.00 N | 42.61 -1.07 0.00 N | 37.91 -1.07 0.00 N | 44.15 -1.39 0.00 N | 42.78 -1.37 0.00 N | 39.34 -1.24 0.00 N | 21.88 -0.42 0.00 N | 31.34 -0.73 0.00 N | 38.35 -1.59 0.00 N | 37.90 -2.05 0.00 N |
| GREENIDGE___4 23583 | 26.97 -1.43 0.00 N | 16.28 -0.95 0.00 N | -13.79 0.68 0.00 N | -54.77 2.92 0.00 N | -6.69 0.05 0.00 N | -222.75 9.13 0.00 N | -291.42 5.43 0.00 N | -146.98 3.47 0.00 N | 25.37 -1.55 0.00 N | 31.34 -1.62 0.00 N | 28.02 -1.17 0.00 N | 32.78 -1.38 0.00 N | 37.90 -1.64 0.00 N | 35.40 -1.42 0.00 N | 43.04 -1.72 0.00 N | 42.61 -1.07 0.00 N | 37.91 -1.07 0.00 N | 44.15 -1.39 0.00 N | 42.78 -1.37 0.00 N | 39.34 -1.24 0.00 N | 21.88 -0.42 0.00 N | 31.34 -0.73 0.00 N | 38.35 -1.59 0.00 N | 37.90 -2.05 0.00 N |
| HARZA MOOSE___RIVER 24016 | 27.99 -0.41 0.00 N | 16.93 -0.31 0.00 N | -14.21 0.26 0.00 N | -56.60 1.10 0.00 N | -6.64 0.10 0.00 N | -227.50 4.38 0.00 N | -291.73 5.12 0.00 N | -148.31 2.14 0.00 N | 26.69 -0.24 0.00 N | 32.77 -0.19 0.00 N | 29.07 -0.12 0.00 N | 34.03 -0.13 0.00 N | 39.41 -0.12 0.00 N | 36.70 -0.13 0.00 N | 44.58 -0.18 0.00 N | 43.54 -0.13 0.00 N | 38.86 -0.12 0.00 N | 45.36 -0.18 0.00 N | 43.94 -0.20 0.00 N | 40.34 -0.24 0.00 N | 22.19 -0.12 0.00 N | 31.92 -0.15 0.00 N | 39.63 -0.31 0.00 N | 39.56 -0.39 0.00 N |
| HEMPSTEAD____ 23647 | 70.04 2.24 -39.41 N | 63.67 1.23 -45.21 N | 16.59 -0.97 -32.03 N | -58.85 -3.95 -2.79 N | -7.02 -0.28 0.00 N | -245.19 9.13 0.00 N | -310.45 -13.59 0.00 N | -154.26 -7.68 -3.87 N | 67.70 2.11 -38.67 N | 72.18 3.02 -36.21 N | 75.51 2.80 -43.52 N | 76.91 3.39 -39.35 N | 85.30 4.00 -41.76 N | 79.55 3.84 -38.88 N | 80.92 4.98 -31.19 N | 76.57 5.21 -27.69 N | 76.08 4.59 -32.50 N | 76.04 5.27 -25.24 N | 115.62 5.00 -66.47 N | 76.13 4.62 -30.93 N | 75.48 2.27 -50.91 N | 77.54 3.04 -42.42 N | 72.29 3.58 -28.77 N | 71.35 3.06 -28.34 N |
| HICKLING___1 23621 | 27.99 -0.40 0.00 N | 16.84 -0.39 0.00 N | -14.33 0.14 0.00 N | -56.84 0.85 0.00 N | -6.95 -0.21 0.00 N | -232.37 -0.49 0.00 N | -307.07 -10.22 0.00 N | -153.45 -3.00 0.00 N | 26.34 -0.59 0.00 N | 32.82 -0.14 0.00 N | 29.35 0.15 0.00 N | 34.58 0.41 0.00 N | 40.51 0.98 0.00 N | 37.83 1.01 0.00 N | 46.34 1.58 0.00 N | 45.88 2.21 0.00 N | 40.57 1.60 0.00 N | 47.42 1.88 0.00 N | 45.86 1.72 0.00 N | 41.92 1.35 0.00 N | 23.07 0.77 0.00 N | 32.88 0.81 0.00 N | 40.35 0.40 0.00 N | 39.57 -0.38 0.00 N |
| HICKLING___2 23622 | 28.00 -0.39 0.00 N | 16.85 -0.39 0.00 N | -14.33 0.14 0.00 N | -56.87 0.83 0.00 N | -6.94 -0.20 0.00 N | -232.38 -0.50 0.00 N | -307.14 -10.29 0.00 N | -153.45 -3.00 0.00 N | 26.35 -0.58 0.00 N | 32.83 -0.13 0.00 N | 29.35 0.16 0.00 N | 34.58 0.42 0.00 N | 40.52 0.99 0.00 N | 37.84 1.02 0.00 N | 46.35 1.59 0.00 N | 45.89 2.22 0.00 N | 40.58 1.60 0.00 N | 47.44 1.90 0.00 N | 45.88 1.74 0.00 N | 41.93 1.36 0.00 N | 23.08 0.78 0.00 N | 32.89 0.81 0.00 N | 40.36 0.41 0.00 N | 39.58 -0.37 0.00 N |
| HIGH FALLS___HY 23754 | 30.12 1.72 0.00 N | 18.12 0.89 0.00 N | -15.12 -0.65 0.00 N | -60.44 -2.75 0.00 N | -6.96 -0.22 0.00 N | -241.59 -9.71 0.00 N | -306.91 -10.05 0.00 N | -156.13 -5.68 0.00 N | 28.53 1.61 0.00 N | 35.32 2.36 0.00 N | 31.51 2.32 0.00 N | 37.04 2.88 0.00 N | 43.04 3.50 0.00 N | 40.19 3.36 0.00 N | 49.20 4.45 0.00 N | 48.40 4.73 0.00 N | 43.17 4.18 0.00 N | 50.35 4.81 0.00 N | 48.63 4.49 0.00 N | 44.62 4.05 0.00 N | 24.28 1.98 0.00 N | 34.78 2.71 0.00 N | 42.94 3.00 0.00 N | 42.39 2.44 0.00 N |
| HILLBURN___GT 23639 | 30.05 1.65 0.00 N | 18.10 0.87 0.00 N | -15.08 -0.62 0.00 N | -60.44 -2.75 0.00 N | -6.92 -0.18 0.00 N | -241.42 -9.54 0.00 N | -306.41 -9.56 0.00 N | -156.21 -5.76 0.00 N | 28.55 1.63 0.00 N | 35.38 2.42 0.00 N | 31.52 2.32 0.00 N | 37.02 2.85 0.00 N | 43.00 3.47 0.00 N | 40.20 3.37 0.00 N | 49.28 4.52 0.00 N | 48.51 4.83 0.00 N | 43.25 4.27 0.00 N | 50.44 4.89 0.00 N | 48.72 4.58 0.00 N | 44.73 4.15 0.00 N | 24.29 1.99 0.00 N | 34.70 2.63 0.00 N | 42.92 2.97 0.00 N | 42.34 2.39 0.00 N |
| HOLTSVILLE_IC_1 23690 | 70.17 2.36 -39.41 N | 63.34 1.23 -44.87 N | 16.48 -1.06 -32.00 N | -60.04 -4.18 -1.83 N | -7.08 -0.34 0.00 N | -246.16 -14.28 0.00 N | -311.04 -14.19 0.00 N | -154.28 -7.71 -3.87 N | 67.75 2.16 -38.67 N | 72.11 3.00 -36.15 N | 75.32 2.61 -43.52 N | 76.60 3.18 -39.26 N | 79.42 3.76 -36.12 N | 79.43 3.72 -38.88 N | 77.19 4.87 -27.55 N | 76.51 5.14 -27.69 N | 76.01 4.52 -32.50 N | 75.93 5.15 -25.24 N | 115.44 4.82 -66.47 N | 75.97 4.46 -30.93 N | 75.40 2.20 -50.91 N | 77.46 2.97 -42.42 N | 72.18 3.47 -28.77 N | 71.25 2.97 -28.34 N |
| HOLTSVILLE_IC_10 23699 | 70.42 2.61 -39.41 N | 63.48 1.37 -44.88 N | 16.36 -1.17 -32.00 N | -60.45 -4.61 -1.85 N | -7.12 -0.38 0.00 N | -247.79 -15.91 0.00 N | -313.30 -16.44 0.00 N | -155.46 -8.89 -3.87 N | 67.97 2.38 -38.67 N | 72.41 3.30 -36.15 N | 75.60 2.89 -43.52 N | 76.94 3.52 -39.26 N | 79.94 4.19 -36.21 N | 79.85 4.14 -38.88 N | 77.75 5.38 -27.61 N | 77.02 5.66 -27.69 N | 76.46 4.97 -32.50 N | 76.45 5.67 -25.24 N | 115.93 5.31 -66.47 N | 76.39 4.88 -30.93 N | 75.64 2.43 -50.91 N | 77.80 3.31 -42.42 N | 72.58 3.86 -28.77 N | 71.59 3.31 -28.34 N |
| HOLTSVILLE_IC_2 23691 | 70.17 2.36 -39.41 N | 63.34 1.23 -44.87 N | 16.48 -1.06 -32.00 N | -60.04 -4.18 -1.83 N | -7.08 -0.34 0.00 N | -246.16 -14.28 0.00 N | -311.04 -14.19 0.00 N | -154.28 -7.71 -3.87 N | 67.75 2.16 -38.67 N | 72.11 3.00 -36.15 N | 75.32 2.61 -43.52 N | 76.60 3.18 -39.26 N | 79.42 3.76 -36.12 N | 79.43 3.72 -38.88 N | 77.19 4.87 -27.55 N | 76.51 5.14 -27.69 N | 76.01 4.52 -32.50 N | 75.93 5.15 -25.24 N | 115.44 4.82 -66.47 N | 75.97 4.46 -30.93 N | 75.40 2.20 -50.91 N | 77.46 2.97 -42.42 N | 72.18 3.47 -28.77 N | 71.25 2.97 -28.34 N |
| HOLTSVILLE_IC_3 23692 | 70.17 2.36 -39.41 N | 63.34 1.23 -44.87 N | 16.48 -1.06 -32.00 N | -60.04 -4.18 -1.83 N | -7.08 -0.34 0.00 N | -246.16 -14.28 0.00 N | -311.04 -14.19 0.00 N | -154.28 -7.71 -3.87 N | 67.75 2.16 -38.67 N | 72.11 3.00 -36.15 N | 75.32 2.61 -43.52 N | 76.60 3.18 -39.26 N | 79.42 3.76 -36.12 N | 79.43 3.72 -38.88 N | 77.19 4.87 -27.55 N | 76.51 5.14 -27.69 N | 76.01 4.52 -32.50 N | 75.93 5.15 -25.24 N | 115.44 4.82 -66.47 N | 75.97 4.46 -30.93 N | 75.40 2.20 -50.91 N | 77.46 2.97 -42.42 N | 72.18 3.47 -28.77 N | 71.25 2.97 -28.34 N |
| HOLTSVILLE_IC_4 23693 | 70.17 2.36 -39.41 N | 63.34 1.23 -44.87 N | 16.48 -1.06 -32.00 N | -60.04 -4.18 -1.83 N | -7.08 -0.34 0.00 N | -246.16 -14.28 0.00 N | -311.04 -14.19 0.00 N | -154.28 -7.71 -3.87 N | 67.75 2.16 -38.67 N | 72.11 3.00 -36.15 N | 75.32 2.61 -43.52 N | 76.60 3.18 -39.26 N | 79.42 3.76 -36.12 N | 79.43 3.72 -38.88 N | 77.19 4.87 -27.55 N | 76.51 5.14 -27.69 N | 76.01 4.52 -32.50 N | 75.93 5.15 -25.24 N | 115.44 4.82 -66.47 N | 75.97 4.46 -30.93 N | 75.40 2.20 -50.91 N | 77.46 2.97 -42.42 N | 72.18 3.47 -28.77 N | 71.25 2.97 -28.34 N |
| HOLTSVILLE_IC_5 23694 | 70.17 2.36 -39.41 N | 63.34 1.23 -44.87 N | 16.48 -1.06 -32.00 N | -60.04 -4.18 -1.83 N | -7.08 -0.34 0.00 N | -246.16 -14.28 0.00 N | -311.04 -14.19 0.00 N | -154.28 -7.71 -3.87 N | 67.75 2.16 -38.67 N | 72.11 3.00 -36.15 N | 75.32 2.61 -43.52 N | 76.60 3.18 -39.26 N | 79.42 3.76 -36.12 N | 79.43 3.72 -38.88 N | 77.19 4.87 -27.55 N | 76.51 5.14 -27.69 N | 76.01 4.52 -32.50 N | 75.93 5.15 -25.24 N | 115.44 4.82 -66.47 N | 75.97 4.46 -30.93 N | 75.40 2.20 -50.91 N | 77.46 2.97 -42.42 N | 72.18 3.47 -28.77 N | 71.25 2.97 -28.34 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 |
| HOLTSVILLE_IC_6 23695 | 70.42 2.61 -39.41 N | 63.48 1.37 -44.88 N | 16.36 -1.17 -32.00 N | -60.45 -4.61 -1.85 N | -7.12 -0.38 0.00 N | -247.79 -15.91 0.00 N | -313.30 -16.44 0.00 N | -155.46 -8.89 -3.87 N | 67.97 2.38 -38.67 N | 72.41 3.30 -36.15 N | 75.60 2.89 -43.52 N | 76.94 3.52 -39.26 N | 79.94 4.19 -36.21 N | 79.85 4.14 -38.88 N | 77.75 5.38 -27.61 N | 77.02 5.66 -27.69 N | 76.46 4.97 -32.50 N | 76.45 5.67 -25.24 N | 115.93 5.31 -66.47 N | 76.39 4.88 -30.93 N | 75.64 2.43 -50.91 N | 77.80 3.31 -42.42 N | 72.58 3.86 -28.77 N | 71.59 3.31 -28.34 N | |
| HOLTSVILLE_IC_7 23696 | 70.42 2.61 -39.41 N | 63.48 1.37 -44.88 N | 16.36 -1.17 -32.00 N | -60.45 -4.61 -1.85 N | -7.12 -0.38 0.00 N | -247.79 -15.91 0.00 N | -313.30 -16.44 0.00 N | -155.46 -8.89 -3.87 N | 67.97 2.38 -38.67 N | 72.41 3.30 -36.15 N | 75.60 2.89 -43.52 N | 76.94 3.52 -39.26 N | 79.94 4.19 -36.21 N | 79.85 4.14 -38.88 N | 77.75 5.38 -27.61 N | 77.02 5.66 -27.69 N | 76.46 4.97 -32.50 N | 76.45 5.67 -25.24 N | 115.93 5.31 -66.47 N | 76.39 4.88 -30.93 N | 75.64 2.43 -50.91 N | 77.80 3.31 -42.42 N | 72.58 3.86 -28.77 N | 71.59 3.31 -28.34 N | |
| HOLTSVILLE_IC_8 23697 | 70.42 2.61 -39.41 N | 63.48 1.37 -44.88 N | 16.36 -1.17 -32.00 N | -60.45 -4.61 -1.85 N | -7.12 -0.38 0.00 N | -247.79 -15.91 0.00 N | -313.30 -16.44 0.00 N | -155.46 -8.89 -3.87 N | 67.97 2.38 -38.67 N | 72.41 3.30 -36.15 N | 75.60 2.89 -43.52 N | 76.94 3.52 -39.26 N | 79.94 4.19 -36.21 N | 79.85 4.14 -38.88 N | 77.75 5.38 -27.61 N | 77.02 5.66 -27.69 N | 76.46 4.97 -32.50 N | 76.45 5.67 -25.24 N | 115.93 5.31 -66.47 N | 76.39 4.88 -30.93 N | 75.64 2.43 -50.91 N | 77.80 3.31 -42.42 N | 72.58 3.86 -28.77 N | 71.59 3.31 -28.34 N | |
| HOLTSVILLE_IC_9 23698 | 70.42 2.61 -39.41 N | 63.48 1.37 -44.88 N | 16.36 -1.17 -32.00 N | -60.45 -4.61 -1.85 N | -7.12 -0.38 0.00 N | -247.79 -15.91 0.00 N | -313.30 -16.44 0.00 N | -155.46 -8.89 -3.87 N | 67.97 2.38 -38.67 N | 72.41 3.30 -36.15 N | 75.60 2.89 -43.52 N | 76.94 3.52 -39.26 N | 79.94 4.19 -36.21 N | 79.85 4.14 -38.88 N | 77.75 5.38 -27.61 N | 77.02 5.66 -27.69 N | 76.46 4.97 -32.50 N | 76.45 5.67 -25.24 N | 115.93 5.31 -66.47 N | 76.39 4.88 -30.93 N | 75.64 2.43 -50.91 N | 77.80 3.31 -42.42 N | 72.58 3.86 -28.77 N | 71.59 3.31 -28.34 N | |
| HQ_GEN_CEDARS 23644 | 27.62 -0.78 0.00 N | 16.91 -0.32 0.00 N | -14.17 0.30 0.00 N | -56.53 1.16 0.00 N | -6.60 0.14 0.00 N | -228.56 3.32 0.00 N | -293.17 3.69 0.00 N | -148.47 1.98 0.00 N | 26.60 -0.33 0.00 N | 32.25 -0.71 0.00 N | 28.34 -0.85 0.00 N | 32.98 -1.18 0.00 N | 38.09 -1.44 0.00 N | 35.33 -1.49 0.00 N | 42.62 -2.13 0.00 N | 41.15 -2.52 0.00 N | 36.61 -2.37 0.00 N | 42.87 -2.68 0.00 N | 41.65 -2.49 0.00 N | 38.33 -2.24 0.00 N | 21.23 -1.06 0.00 N | 30.74 -1.33 0.00 N | 38.47 -1.47 0.00 N | 38.91 -1.04 0.00 N | |
| HQ_GEN_CHAT DC 23651 | 28.40 0.00 0.00 N | 17.28 0.05 0.00 N | -14.49 -0.03 0.00 N | -57.79 -0.10 0.00 N | -6.76 -0.02 0.00 N | 34.58 0.04 -14.86 N | 15.34 0.02 -9.98 N | -151.48 -1.03 0.00 N | 35.00 0.16 -11.69 N | 33.00 0.04 0.00 N | 29.05 -0.14 0.00 N | 33.93 -0.23 0.00 N | 39.22 -0.32 0.00 N | 36.48 -0.34 0.00 N | 44.18 -0.58 0.00 N | 42.81 -0.87 0.00 N | 38.17 -0.81 0.00 N | 44.72 -0.83 0.00 N | 43.38 -0.77 0.00 N | 39.88 -0.68 0.00 N | 36.85 -0.38 -8.08 N | 31.76 -0.31 0.00 N | 39.67 -0.27 0.00 N | 40.00 0.08 -2.21 N | |
| HUDSON_AVE_GT_3 23810 | 35.37 1.93 -5.05 N | 18.29 1.06 0.00 N | -15.27 -0.81 0.00 N | -61.13 -3.44 0.00 N | -7.00 -0.26 0.00 N | -243.82 -11.94 0.00 N | -308.57 -11.72 0.00 N | -156.88 -6.43 0.00 N | 28.76 1.83 0.00 N | 51.94 2.69 -16.30 N | 67.50 2.57 -35.74 N | 66.53 3.15 -29.22 N | 66.39 3.76 -23.10 N | 65.79 3.60 -25.36 N | 65.79 4.73 -16.29 N | 65.49 4.96 -16.85 N | 63.70 4.38 -20.34 N | 62.32 5.03 -11.74 N | 56.53 4.72 -7.67 N | 46.75 4.31 -1.87 N | 24.38 2.08 0.00 N | 34.85 2.78 0.00 N | 43.17 3.22 0.00 N | 42.64 2.69 0.00 N | |
| HUDSON_AVE_GT_4 23540 | 35.37 1.93 -5.05 N | 18.29 1.06 0.00 N | -15.27 -0.81 0.00 N | -61.13 -3.44 0.00 N | -7.00 -0.26 0.00 N | -243.82 -11.94 0.00 N | -308.57 -11.72 0.00 N | -156.88 -6.43 0.00 N | 28.76 1.83 0.00 N | 51.94 2.69 -16.30 N | 67.50 2.57 -35.74 N | 66.53 3.15 -29.22 N | 66.39 3.76 -23.10 N | 65.79 3.60 -25.36 N | 65.79 4.73 -16.29 N | 65.49 4.96 -16.85 N | 63.70 4.38 -20.34 N | 62.32 5.03 -11.74 N | 56.53 4.72 -7.67 N | 46.75 4.31 -1.87 N | 24.38 2.08 0.00 N | 34.85 2.78 0.00 N | 43.17 3.22 0.00 N | 42.64 2.69 0.00 N | |
| HUDSON_AVE_GT_5 23657 | 35.37 1.93 -5.05 N | 18.29 1.06 0.00 N | -15.27 -0.81 0.00 N | -61.13 -3.44 0.00 N | -7.00 -0.26 0.00 N | -243.82 -11.94 0.00 N | -308.57 -11.72 0.00 N | -156.88 -6.43 0.00 N | 28.76 1.83 0.00 N | 51.94 2.69 -16.30 N | 67.50 2.57 -35.74 N | 66.53 3.15 -29.22 N | 66.39 3.76 -23.10 N | 65.79 3.60 -25.36 N | 65.79 4.73 -16.29 N | 65.49 4.96 -16.85 N | 63.70 4.38 -20.34 N | 62.32 5.03 -11.74 N | 56.53 4.72 -7.67 N | 46.75 4.31 -1.87 N | 24.38 2.08 0.00 N | 34.85 2.78 0.00 N | 43.17 3.22 0.00 N | 42.64 2.69 0.00 N | |
| HUDSON_AVE_10 24168 | 35.26 1.82 -5.05 N | 18.23 0.99 0.00 N | -15.23 -0.77 0.00 N | -60.99 -3.30 0.00 N | -6.98 -0.24 0.00 N | -243.12 -11.25 0.00 N | -307.43 -10.57 0.00 N | -156.18 -5.73 0.00 N | 28.66 1.73 0.00 N | 51.82 2.56 -16.30 N | 67.35 2.42 -35.74 N | 66.36 2.98 -29.22 N | 66.19 3.56 -23.10 N | 65.60 3.41 -25.36 N | 65.57 4.51 -16.29 N | 65.29 4.76 -16.85 N | 63.52 4.20 -20.34 N | 62.09 4.80 -11.74 N | 56.31 4.50 -7.67 N | 46.56 4.11 -1.87 N | 24.28 1.98 0.00 N | 34.71 2.64 0.00 N | 43.02 3.08 0.00 N | 42.50 2.55 0.00 N | |
| HUNTLEY___63 23557 | 26.34 -2.06 0.00 N | 15.88 -1.36 0.00 N | -13.55 0.91 0.00 N | -53.77 3.92 0.00 N | -6.99 -0.25 0.00 N | -221.03 10.85 0.00 N | -291.90 4.95 0.00 N | -148.27 2.18 0.00 N | 24.50 -2.42 0.00 N | 30.09 -2.86 0.00 N | 26.82 -2.37 0.00 N | 31.16 -3.01 0.00 N | 36.18 -3.35 0.00 N | 33.65 -3.18 0.00 N | 41.05 -3.71 0.00 N | 41.31 -2.37 0.00 N | 36.86 -2.13 0.00 N | 42.64 -2.91 0.00 N | 41.44 -2.70 0.00 N | 37.62 -2.95 0.00 N | 21.07 -1.23 0.00 N | 30.54 -1.53 0.00 N | 37.50 -2.45 0.00 N | 37.65 -2.30 0.00 N | |
| HUNTLEY___64 23558 | 26.34 -2.06 0.00 N | 15.88 -1.36 0.00 N | -13.55 0.91 0.00 N | -53.77 3.92 0.00 N | -6.99 -0.25 0.00 N | -221.03 10.85 0.00 N | -291.90 4.95 0.00 N | -148.27 2.18 0.00 N | 24.50 -2.42 0.00 N | 30.09 -2.86 0.00 N | 26.82 -2.37 0.00 N | 31.16 -3.01 0.00 N | 36.18 -3.35 0.00 N | 33.65 -3.18 0.00 N | 41.05 -3.71 0.00 N | 41.31 -2.37 0.00 N | 36.86 -2.13 0.00 N | 42.64 -2.91 0.00 N | 41.44 -2.70 0.00 N | 37.62 -2.95 0.00 N | 21.07 -1.23 0.00 N | 30.54 -1.53 0.00 N | 37.50 -2.45 0.00 N | 37.65 -2.30 0.00 N | |
| HUNTLEY___65 23559 | 26.34 -2.06 0.00 N | 15.88 -1.36 0.00 N | -13.55 0.91 0.00 N | -53.77 3.92 0.00 N | -6.99 -0.25 0.00 N | -221.03 10.85 0.00 N | -291.90 4.95 0.00 N | -148.27 2.18 0.00 N | 24.50 -2.42 0.00 N | 30.09 -2.86 0.00 N | 26.82 -2.37 0.00 N | 31.16 -3.01 0.00 N | 36.18 -3.35 0.00 N | 33.65 -3.18 0.00 N | 41.05 -3.71 0.00 N | 41.31 -2.37 0.00 N | 36.86 -2.13 0.00 N | 42.64 -2.91 0.00 N | 41.44 -2.70 0.00 N | 37.62 -2.95 0.00 N | 21.07 -1.23 0.00 N | 30.54 -1.53 0.00 N | 37.50 -2.45 0.00 N | 37.65 -2.30 0.00 N | |
| HUNTLEY___66 | 26.34 | 15.88 | -13.55 | -53.77 | -6.99 | -221.03 | -291.90 | -148.27 | 24.50 | 30.09 | 26.82 | 31.16 | 36.18 | 33.65 | 41.05 | 41.31 | 36.86 | 42.64 | 41.44 | 37.62 | 21.07 | 30.54 | 37.50 | 37.65 | |

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| 23560 | -2.06 0.00 N | -1.36 0.00 N | 0.91 0.00 N | 3.92 0.00 N | -0.25 0.00 N | 10.85 0.00 N | 4.95 0.00 N | 2.18 0.00 N | -2.42 0.00 N | -2.86 0.00 N | -2.37 0.00 N | -3.01 0.00 N | -3.35 0.00 N | -3.18 0.00 N | -3.71 0.00 N | -2.37 0.00 N | -2.13 0.00 N | -2.91 0.00 N | -2.70 0.00 N | -2.95 0.00 N | -1.23 0.00 N | -1.53 0.00 N | -2.45 0.00 N | -2.30 0.00 N |
| HUNTLEY____67 23561 | 25.87 -2.53 0.00 N | 15.60 -1.63 0.00 N | -13.32 1.14 0.00 N | -52.90 4.80 0.00 N | -6.86 -0.12 0.00 N | -217.34 14.54 0.00 N | -287.15 9.70 0.00 N | -145.74 4.71 0.00 N | 24.06 -2.86 0.00 N | 29.54 -3.42 0.00 N | 26.33 -2.87 0.00 N | 30.59 -3.58 0.00 N | 35.55 -3.98 0.00 N | 33.07 -3.75 0.00 N | 40.36 -4.40 0.00 N | 40.60 -3.08 0.00 N | 36.22 -2.76 0.00 N | 41.91 -3.64 0.00 N | 40.73 -3.41 0.00 N | 37.01 -3.56 0.00 N | 20.71 -1.59 0.00 N | 29.98 -2.10 0.00 N | 36.83 -3.12 0.00 N | 36.95 -3.00 0.00 N |
| HUNTLEY____68 23562 | 25.87 -2.53 0.00 N | 15.60 -1.63 0.00 N | -13.32 1.14 0.00 N | -52.90 4.80 0.00 N | -6.86 -0.12 0.00 N | -217.34 14.54 0.00 N | -287.15 9.70 0.00 N | -145.74 4.71 0.00 N | 24.06 -2.86 0.00 N | 29.54 -3.42 0.00 N | 26.33 -2.87 0.00 N | 30.59 -3.58 0.00 N | 35.55 -3.98 0.00 N | 33.07 -3.75 0.00 N | 40.36 -4.40 0.00 N | 40.60 -3.08 0.00 N | 36.22 -2.76 0.00 N | 41.91 -3.64 0.00 N | 40.73 -3.41 0.00 N | 37.01 -3.56 0.00 N | 20.71 -1.59 0.00 N | 29.98 -2.10 0.00 N | 36.83 -3.12 0.00 N | 36.95 -3.00 0.00 N |
| INDECK____CORINTH 23802 | 28.09 -0.31 0.00 N | 17.05 -0.18 0.00 N | -14.31 0.16 0.00 N | -57.06 0.64 0.00 N | -6.48 0.26 0.00 N | -227.13 4.75 0.00 N | -286.57 10.28 0.00 N | -146.02 4.43 0.00 N | 26.91 -0.02 0.00 N | 33.14 0.18 0.00 N | 29.74 0.55 0.00 N | 35.00 0.83 0.00 N | 40.36 0.83 0.00 N | 37.56 0.74 0.00 N | 45.76 1.00 0.00 N | 44.62 0.94 0.00 N | 39.72 0.74 0.00 N | 46.33 0.78 0.00 N | 44.95 0.81 0.00 N | 41.44 0.87 0.00 N | 22.43 0.13 0.00 N | 32.13 0.06 0.00 N | 40.03 0.09 0.00 N | 39.87 -0.07 0.00 N |
| INDECK____ILION 23567 | 28.65 0.26 0.00 N | 17.36 0.13 0.00 N | -14.58 -0.12 0.00 N | -58.16 -0.46 0.00 N | -6.77 -0.03 0.00 N | -233.32 -1.44 0.00 N | -298.58 -1.73 0.00 N | -151.40 -0.95 0.00 N | 27.15 0.22 0.00 N | 33.32 0.36 0.00 N | 29.57 0.37 0.00 N | 34.60 0.44 0.00 N | 40.05 0.51 0.00 N | 37.30 0.48 0.00 N | 45.39 0.63 0.00 N | 44.36 0.68 0.00 N | 39.60 0.62 0.00 N | 46.27 0.73 0.00 N | 44.82 0.68 0.00 N | 41.18 0.61 0.00 N | 22.61 0.31 0.00 N | 32.49 0.42 0.00 N | 40.43 0.49 0.00 N | 40.32 0.37 0.00 N |
| INDECK____OLEAN 23982 | 26.75 -1.64 0.00 N | 16.02 -1.21 0.00 N | -13.69 0.78 0.00 N | -54.28 3.41 0.00 N | -6.96 -0.22 0.00 N | -224.46 7.41 0.00 N | -300.20 -3.35 0.00 N | -150.49 -0.05 0.00 N | 25.03 -1.89 0.00 N | 31.20 -1.76 0.00 N | 27.92 -1.28 0.00 N | 32.77 -1.40 0.00 N | 38.48 -1.05 0.00 N | 35.90 -0.93 0.00 N | 44.26 -0.50 0.00 N | 44.28 0.60 0.00 N | 39.19 0.22 0.00 N | 45.62 0.07 0.00 N | 44.17 0.03 0.00 N | 40.14 -0.43 0.00 N | 22.26 -0.05 0.00 N | 31.90 -0.17 0.00 N | 39.02 -0.93 0.00 N | 38.43 -1.52 0.00 N |
| INDECK____OSWEGO 23783 | 27.68 -0.72 0.00 N | 16.75 -0.49 0.00 N | -14.06 0.40 0.00 N | -56.08 1.61 0.00 N | -6.62 0.12 0.00 N | -225.63 6.25 0.00 N | -289.85 7.00 0.00 N | -146.97 3.48 0.00 N | 26.11 -0.82 0.00 N | 32.02 -0.93 0.00 N | 28.47 -0.73 0.00 N | 33.33 -0.83 0.00 N | 38.63 -0.90 0.00 N | 36.01 -0.81 0.00 N | 43.81 -0.95 0.00 N | 42.98 -0.69 0.00 N | 38.38 -0.60 0.00 N | 44.74 -0.81 0.00 N | 43.38 -0.76 0.00 N | 39.79 -0.78 0.00 N | 21.90 -0.40 0.00 N | 31.49 -0.58 0.00 N | 39.12 -0.82 0.00 N | 39.12 -0.83 0.00 N |
| INDECK____YERKES 23781 | 26.34 -2.06 0.00 N | 15.88 -1.36 0.00 N | -13.55 0.91 0.00 N | -53.77 3.92 0.00 N | -6.99 -0.25 0.00 N | -221.03 10.85 0.00 N | -291.90 4.95 0.00 N | -148.27 2.18 0.00 N | 24.50 -2.42 0.00 N | 30.09 -2.86 0.00 N | 26.82 -2.37 0.00 N | 31.16 -3.01 0.00 N | 36.18 -3.35 0.00 N | 33.65 -3.18 0.00 N | 41.05 -3.71 0.00 N | 41.31 -2.37 0.00 N | 36.86 -2.13 0.00 N | 42.64 -2.91 0.00 N | 41.44 -2.70 0.00 N | 37.62 -2.95 0.00 N | 21.07 -1.23 0.00 N | 30.54 -1.53 0.00 N | 37.50 -2.45 0.00 N | 37.65 -2.30 0.00 N |
| INDIAN POINT_GT_1 24139 | 29.90 1.50 0.00 N | 18.04 0.81 0.00 N | -15.06 -0.59 0.00 N | -60.26 -2.57 0.00 N | -6.90 -0.16 0.00 N | -240.63 -8.75 0.00 N | -305.01 -8.16 0.00 N | -155.28 -4.83 0.00 N | 28.39 1.46 0.00 N | 35.15 2.19 0.00 N | 31.31 2.12 0.00 N | 36.77 2.61 0.00 N | 42.65 3.12 0.00 N | 39.85 3.03 0.00 N | 48.80 4.04 0.00 N | 47.97 4.29 0.00 N | 42.79 3.81 0.00 N | 49.89 4.35 0.00 N | 48.21 4.07 0.00 N | 44.30 3.73 0.00 N | 24.07 1.77 0.00 N | 34.41 2.34 0.00 N | 42.61 2.66 0.00 N | 42.07 2.12 0.00 N |
| INDIAN POINT_GT_2 23659 | 29.90 1.50 0.00 N | 18.04 0.81 0.00 N | -15.06 -0.59 0.00 N | -60.26 -2.57 0.00 N | -6.90 -0.16 0.00 N | -240.63 -8.75 0.00 N | -305.01 -8.16 0.00 N | -155.28 -4.83 0.00 N | 28.39 1.46 0.00 N | 35.15 2.19 0.00 N | 31.31 2.12 0.00 N | 36.77 2.61 0.00 N | 42.65 3.12 0.00 N | 39.85 3.03 0.00 N | 48.80 4.04 0.00 N | 47.97 4.29 0.00 N | 42.79 3.81 0.00 N | 49.89 4.35 0.00 N | 48.21 4.07 0.00 N | 44.30 3.73 0.00 N | 24.07 1.77 0.00 N | 34.41 2.34 0.00 N | 42.61 2.66 0.00 N | 42.07 2.12 0.00 N |
| INDIAN POINT_GT_3 24019 | 29.90 1.50 0.00 N | 18.04 0.81 0.00 N | -15.06 -0.59 0.00 N | -60.26 -2.57 0.00 N | -6.90 -0.16 0.00 N | -240.63 -8.75 0.00 N | -305.01 -8.16 0.00 N | -155.28 -4.83 0.00 N | 28.39 1.46 0.00 N | 35.15 2.19 0.00 N | 31.31 2.12 0.00 N | 36.77 2.61 0.00 N | 42.65 3.12 0.00 N | 39.85 3.03 0.00 N | 48.80 4.04 0.00 N | 47.97 4.29 0.00 N | 42.79 3.81 0.00 N | 49.89 4.35 0.00 N | 48.21 4.07 0.00 N | 44.30 3.73 0.00 N | 24.07 1.77 0.00 N | 34.41 2.34 0.00 N | 42.61 2.66 0.00 N | 42.07 2.12 0.00 N |
| INDIAN POINT____2 23530 | 29.84 1.44 0.00 N | 18.00 0.77 0.00 N | -15.01 -0.55 0.00 N | -60.15 -2.46 0.00 N | -6.89 -0.15 0.00 N | -240.08 -8.20 0.00 N | -304.39 -7.54 0.00 N | -155.00 -4.55 0.00 N | 28.34 1.41 0.00 N | 35.09 2.13 0.00 N | 31.25 2.06 0.00 N | 36.70 2.53 0.00 N | 42.58 3.04 0.00 N | 39.79 2.96 0.00 N | 48.73 3.97 0.00 N | 47.92 4.24 0.00 N | 42.73 3.75 0.00 N | 49.83 4.28 0.00 N | 48.14 4.00 0.00 N | 44.23 3.66 0.00 N | 24.04 1.74 0.00 N | 34.36 2.29 0.00 N | 42.53 2.58 0.00 N | 41.99 2.04 0.00 N |
| INDIAN POINT____3 23531 | 29.82 1.42 0.00 N | 18.00 0.77 0.00 N | -15.01 -0.55 0.00 N | -60.15 -2.46 0.00 N | -6.87 -0.13 0.00 N | -240.00 -8.12 0.00 N | -304.20 -7.35 0.00 N | -154.85 -4.40 0.00 N | 28.31 1.38 0.00 N | 35.05 2.09 0.00 N | 31.21 2.02 0.00 N | 36.66 2.49 0.00 N | 42.52 2.99 0.00 N | 39.73 2.91 0.00 N | 48.65 3.89 0.00 N | 47.83 4.15 0.00 N | 42.65 3.67 0.00 N | 49.73 4.19 0.00 N | 48.05 3.91 0.00 N | 44.16 3.59 0.00 N | 24.00 1.70 0.00 N | 34.31 2.24 0.00 N | 42.48 2.54 0.00 N | 41.95 2.00 0.00 N |
| IP CORINTH____1 23988 | 28.32 -0.08 0.00 N | 17.18 -0.05 0.00 N | -14.42 0.04 0.00 N | -57.50 0.20 0.00 N | -6.54 0.20 0.00 N | -229.01 2.87 0.00 N | -289.07 7.78 0.00 N | -147.30 3.15 0.00 N | 27.12 0.19 0.00 N | 33.41 0.45 0.00 N | 29.98 0.79 0.00 N | 35.29 1.13 0.00 N | 40.71 1.17 0.00 N | 37.89 1.07 0.00 N | 46.17 1.41 0.00 N | 45.02 1.34 0.00 N | 40.08 1.10 0.00 N | 46.74 1.20 0.00 N | 45.35 1.21 0.00 N | 41.80 1.23 0.00 N | 22.63 0.33 0.00 N | 32.42 0.35 0.00 N | 40.37 0.43 0.00 N | 40.20 0.25 0.00 N |

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| IP__TICONDEROGA 23804 | 30.02 1.63 0.00 N | 18.23 1.00 0.00 N | -15.34 -0.88 0.00 N | -61.15 -3.46 0.00 N | -6.91 -0.17 0.00 N | -243.14 -11.26 0.00 N | -305.46 -8.61 0.00 N | -155.43 -4.98 0.00 N | 28.38 1.45 0.00 N | 34.92 1.96 0.00 N | 31.55 2.35 0.00 N | 37.18 3.01 0.00 N | 42.82 3.29 0.00 N | 39.82 2.99 0.00 N | 48.63 3.87 0.00 N | 47.45 3.77 0.00 N | 42.21 3.23 0.00 N | 49.37 3.83 0.00 N | 47.92 3.77 0.00 N | 44.24 3.67 0.00 N | 23.75 1.45 0.00 N | 33.93 1.86 0.00 N | 42.50 2.55 0.00 N | 42.20 2.25 0.00 N |
| JARVIS____ 23743 | 28.45 0.05 0.00 N | 17.25 0.02 0.00 N | -14.48 -0.01 0.00 N | -57.75 -0.06 0.00 N | -6.72 0.02 0.00 N | -231.77 0.11 0.00 N | -296.48 0.37 0.00 N | -150.27 0.17 0.00 N | 26.94 0.02 0.00 N | 33.04 0.08 0.00 N | 29.30 0.11 0.00 N | 34.28 0.12 0.00 N | 39.67 0.14 0.00 N | 36.96 0.14 0.00 N | 44.95 0.19 0.00 N | 43.91 0.24 0.00 N | 39.21 0.23 0.00 N | 45.82 0.27 0.00 N | 44.39 0.25 0.00 N | 40.80 0.23 0.00 N | 22.39 0.09 0.00 N | 32.18 0.11 0.00 N | 40.06 0.12 0.00 N | 39.99 0.04 0.00 N |
| JENNISON____1 23625 | 28.81 0.41 0.00 N | 17.41 0.18 0.00 N | -14.67 -0.21 0.00 N | -58.42 -0.73 0.00 N | -6.91 -0.17 0.00 N | -235.57 -3.68 0.00 N | -304.99 -8.14 0.00 N | -154.12 -3.66 0.00 N | 27.28 0.35 0.00 N | 33.72 0.76 0.00 N | 30.09 0.90 0.00 N | 35.28 1.12 0.00 N | 41.01 1.48 0.00 N | 38.24 1.41 0.00 N | 46.71 1.95 0.00 N | 45.94 2.26 0.00 N | 40.88 1.90 0.00 N | 47.72 2.17 0.00 N | 46.18 2.04 0.00 N | 42.31 1.74 0.00 N | 23.31 1.01 0.00 N | 33.33 1.26 0.00 N | 41.06 1.12 0.00 N | 40.60 0.65 0.00 N |
| JENNISON____2 23626 | 28.78 0.38 0.00 N | 17.39 0.16 0.00 N | -14.65 -0.19 0.00 N | -58.37 -0.67 0.00 N | -6.90 -0.16 0.00 N | -235.33 -3.45 0.00 N | -304.72 -7.87 0.00 N | -153.94 -3.49 0.00 N | 27.24 0.32 0.00 N | 33.68 0.72 0.00 N | 30.05 0.85 0.00 N | 35.23 1.06 0.00 N | 40.95 1.41 0.00 N | 38.18 1.35 0.00 N | 46.64 1.88 0.00 N | 45.87 2.20 0.00 N | 40.82 1.84 0.00 N | 47.66 2.11 0.00 N | 46.12 1.98 0.00 N | 42.25 1.68 0.00 N | 23.28 0.98 0.00 N | 33.28 1.21 0.00 N | 41.01 1.06 0.00 N | 40.56 0.61 0.00 N |
| KEDC PORT_JEFF_GT2 24210 | 70.30 2.50 -39.41 N | 63.42 1.32 -44.87 N | 16.39 -1.14 -32.00 N | -60.36 -4.51 -1.84 N | -7.13 -0.39 0.00 N | -247.37 -15.49 0.00 N | -312.68 -15.82 0.00 N | -155.14 -8.56 -3.87 N | 67.87 2.28 -38.67 N | 72.26 3.15 -36.15 N | 75.44 2.73 -43.52 N | 76.75 3.32 -39.26 N | 79.72 3.97 -36.21 N | 79.64 3.93 -38.88 N | 77.51 5.14 -27.61 N | 76.78 5.41 -27.69 N | 76.24 4.76 -32.50 N | 76.19 5.41 -25.24 N | 115.67 5.05 -66.47 N | 76.16 4.66 -30.93 N | 75.51 2.31 -50.91 N | 77.62 3.12 -42.42 N | 72.36 3.65 -28.77 N | 71.38 3.09 -28.34 N |
| KEDC PORT_JEFF_GT3 24211 | 70.30 2.50 -39.41 N | 63.42 1.32 -44.87 N | 16.39 -1.14 -32.00 N | -60.36 -4.51 -1.84 N | -7.13 -0.39 0.00 N | -247.37 -15.49 0.00 N | -312.68 -15.82 0.00 N | -155.14 -8.56 -3.87 N | 67.87 2.28 -38.67 N | 72.26 3.15 -36.15 N | 75.44 2.73 -43.52 N | 76.75 3.32 -39.26 N | 79.72 3.97 -36.21 N | 79.64 3.93 -38.88 N | 77.51 5.14 -27.61 N | 76.78 5.41 -27.69 N | 76.24 4.76 -32.50 N | 76.19 5.41 -25.24 N | 115.67 5.05 -66.47 N | 76.16 4.66 -30.93 N | 75.51 2.31 -50.91 N | 77.62 3.12 -42.42 N | 72.36 3.65 -28.77 N | 71.38 3.09 -28.34 N |
| KEDC_GLWD_GT4 24219 | 69.91 2.11 -39.41 N | 63.63 1.19 -45.21 N | 16.62 -0.94 -32.03 N | -58.72 -3.84 -2.81 N | -7.01 -0.26 0.00 N | -244.55 -12.67 0.00 N | -309.79 -12.94 0.00 N | -153.88 -7.31 -3.87 N | 67.60 2.00 -38.67 N | 72.05 2.88 -36.21 N | 75.41 2.70 -43.52 N | 76.83 3.28 -39.39 N | 87.60 3.62 -44.25 N | 79.23 3.52 -38.88 N | 82.17 4.62 -32.79 N | 76.27 4.91 -27.69 N | 75.82 4.34 -32.50 N | 75.76 4.97 -25.24 N | 115.28 4.67 -66.47 N | 75.78 4.28 -30.93 N | 75.30 2.09 -50.91 N | 77.25 2.75 -42.42 N | 71.97 3.26 -28.77 N | 71.19 2.91 -28.34 N |
| KEDC_GLWD_GT5 24220 | 69.91 2.11 -39.41 N | 63.63 1.19 -45.21 N | 16.62 -0.94 -32.03 N | -58.72 -3.84 -2.81 N | -7.01 -0.26 0.00 N | -244.55 -12.67 0.00 N | -309.79 -12.94 0.00 N | -153.88 -7.31 -3.87 N | 67.60 2.00 -38.67 N | 72.05 2.88 -36.21 N | 75.41 2.70 -43.52 N | 76.83 3.28 -39.39 N | 87.60 3.82 -44.25 N | 79.23 3.52 -38.88 N | 82.17 4.62 -32.79 N | 76.27 4.91 -27.69 N | 75.82 4.34 -32.50 N | 75.76 4.97 -25.24 N | 115.28 4.67 -66.47 N | 75.78 4.28 -30.93 N | 75.30 2.09 -50.91 N | 77.25 2.75 -42.42 N | 71.97 3.26 -28.77 N | 71.19 2.91 -28.34 N |
| KENSICO____ 23655 | 30.04 1.64 0.00 N | 18.13 0.90 0.00 N | -15.14 -0.68 0.00 N | -60.61 -2.92 0.00 N | -6.92 -0.18 0.00 N | -241.81 -9.93 0.00 N | -306.44 -9.58 0.00 N | -155.90 -5.45 0.00 N | 28.51 1.58 0.00 N | 35.29 2.33 0.00 N | 31.44 2.25 0.00 N | 36.93 2.77 0.00 N | 42.84 3.30 0.00 N | 40.02 3.19 0.00 N | 48.98 4.22 0.00 N | 48.14 4.47 0.00 N | 42.93 3.94 0.00 N | 50.06 4.51 0.00 N | 48.38 4.24 0.00 N | 44.45 3.88 0.00 N | 24.16 1.86 0.00 N | 34.54 2.47 0.00 N | 42.77 2.83 0.00 N | 42.26 2.31 0.00 N |
| KIAC_JFK_GT1 23816 | 35.27 1.82 -5.05 N | 18.22 0.99 0.00 N | -15.25 -0.78 0.00 N | -61.15 -3.45 0.00 N | -7.01 -0.27 0.00 N | -243.23 -11.35 0.00 N | -307.25 -10.40 0.00 N | -155.88 -5.43 0.00 N | 28.64 1.71 0.00 N | 51.79 2.53 -16.30 N | 67.24 2.30 -35.74 N | 66.25 2.87 -29.22 N | 66.09 3.46 -23.10 N | 65.47 3.29 -25.36 N | 65.45 4.40 -16.29 N | 65.20 4.67 -16.85 N | 63.43 4.11 -20.34 N | 61.97 4.69 -11.74 N | 56.18 4.37 -7.67 N | 46.46 4.02 -1.87 N | 24.22 1.92 0.00 N | 34.62 2.55 0.00 N | 43.05 3.10 0.00 N | 42.52 2.57 0.00 N |
| KIAC_JFK_GT2 23817 | 35.27 1.82 -5.05 N | 18.22 0.99 0.00 N | -15.25 -0.78 0.00 N | -61.15 -3.45 0.00 N | -7.01 -0.27 0.00 N | -243.23 -11.35 0.00 N | -307.25 -10.40 0.00 N | -155.88 -5.43 0.00 N | 28.64 1.71 0.00 N | 51.79 2.53 -16.30 N | 67.24 2.30 -35.74 N | 66.25 2.87 -29.22 N | 66.09 3.46 -23.10 N | 65.47 3.29 -25.36 N | 65.45 4.40 -16.29 N | 65.20 4.67 -16.85 N | 63.43 4.11 -20.34 N | 61.97 4.69 -11.74 N | 56.18 4.37 -7.67 N | 46.46 4.02 -1.87 N | 24.22 1.92 0.00 N | 34.62 2.55 0.00 N | 43.05 3.10 0.00 N | 42.52 2.57 0.00 N |
| KINTIGH____ 23543 | 25.90 -2.50 0.00 N | 15.64 -1.59 0.00 N | -13.29 1.17 0.00 N | -52.87 4.82 0.00 N | -6.74 0.00 0.00 N | -215.91 15.96 0.00 N | -282.77 14.09 0.00 N | -143.85 6.61 0.00 N | 24.10 -2.83 0.00 N | 29.52 -3.44 0.00 N | 26.29 -2.90 0.00 N | 30.52 -3.64 0.00 N | 35.38 -4.16 0.00 N | 32.92 -3.91 0.00 N | 40.04 -4.72 0.00 N | 40.10 -3.58 0.00 N | 35.84 -3.14 0.00 N | 41.49 -4.05 0.00 N | 40.33 -3.82 0.00 N | 36.72 -3.86 0.00 N | 20.56 -1.74 0.00 N | 29.72 -2.35 0.00 N | 36.62 -3.32 0.00 N | 36.81 -3.14 0.00 N |
| LEDERLE____ 23769 | 30.99 2.59 0.00 N | 18.68 1.44 0.00 N | -15.58 -1.11 0.00 N | -62.34 -4.65 0.00 N | -7.14 -0.40 0.00 N | -249.16 -17.28 0.00 N | -316.75 -19.90 0.00 N | -161.35 -10.90 0.00 N | 29.46 2.53 0.00 N | 36.54 3.58 0.00 N | 32.58 3.39 0.00 N | 38.32 4.16 0.00 N | 44.54 5.01 0.00 N | 41.66 4.84 0.00 N | 51.08 6.32 0.00 N | 50.31 6.63 0.00 N | 44.86 5.87 0.00 N | 52.29 6.75 0.00 N | 50.51 6.37 0.00 N | 46.36 5.79 0.00 N | 25.19 2.89 0.00 N | 35.97 3.90 0.00 N | 44.43 4.49 0.00 N | 43.76 3.81 0.00 N |
| LINDEN COGEN____ 23786 | 35.22 1.77 -5.05 N | 18.22 0.98 0.00 N | -15.21 -0.75 0.00 N | -60.92 -3.23 0.00 N | -6.97 -0.23 0.00 N | -242.89 -11.01 0.00 N | -307.17 -10.31 0.00 N | -156.10 -5.65 0.00 N | 28.62 1.69 0.00 N | 51.76 2.50 -16.30 N | 67.34 2.41 -35.74 N | 66.35 2.96 -29.22 N | 66.19 3.55 -23.10 N | 65.62 3.44 -25.36 N | 65.59 4.54 -16.29 N | 65.29 4.75 -16.85 N | 63.53 4.21 -20.34 N | 62.11 4.83 -11.74 N | 56.32 4.50 -7.67 N | 46.55 4.11 -1.87 N | 24.27 1.97 0.00 N | 34.69 2.62 0.00 N | 42.96 3.01 0.00 N | 42.41 2.46 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| LIPA_MISC_IPP 23656 | 70.26 2.45 -39.41 N | 63.36 1.26 -44.87 N | 16.45 -1.08 -32.00 N | -60.16 -4.30 -1.83 N | -7.10 -0.36 0.00 N | -246.70 -14.82 0.00 N | -311.66 -14.81 0.00 N | -154.48 -7.91 -3.87 N | 67.82 2.22 -38.67 N | 72.20 3.09 -36.15 N | 75.39 2.69 -43.52 N | 76.70 3.28 -39.26 N | 79.55 3.90 -36.12 N | 79.56 3.86 -38.88 N | 77.35 5.04 -27.55 N | 76.69 5.32 -27.69 N | 76.16 4.68 -32.50 N | 76.10 5.32 -25.24 N | 115.59 4.98 -66.47 N | 76.08 4.58 -30.93 N | 75.47 2.26 -50.91 N | 77.55 3.05 -42.42 N | 72.26 3.55 -28.77 N | 71.33 3.04 -28.34 N | |
| LITTLE FALLS___HYD 24013 | 30.85 2.45 0.00 N | 18.55 1.32 0.00 N | -15.53 -1.07 0.00 N | -61.90 -4.21 0.00 N | -7.18 -0.44 0.00 N | -248.04 -16.16 0.00 N | -317.14 -20.29 0.00 N | -161.24 -10.79 0.00 N | 29.34 2.41 0.00 N | 36.32 3.36 0.00 N | 32.48 3.29 0.00 N | 38.25 4.08 0.00 N | 44.39 4.85 0.00 N | 41.36 4.54 0.00 N | 50.54 5.78 0.00 N | 49.48 5.81 0.00 N | 44.15 5.17 0.00 N | 51.62 6.08 0.00 N | 49.89 5.75 0.00 N | 45.76 5.19 0.00 N | 24.99 2.68 0.00 N | 35.98 3.91 0.00 N | 43.56 3.62 0.00 N | 43.09 3.14 0.00 N | |
| LONG LAKE_PHOENIX 24014 | 27.86 -0.54 0.00 N | 16.84 -0.39 0.00 N | -14.14 0.33 0.00 N | -56.35 1.34 0.00 N | -6.68 0.06 0.00 N | -226.80 5.08 0.00 N | -291.54 5.31 0.00 N | -147.84 2.60 0.00 N | 26.25 -0.68 0.00 N | 32.20 -0.75 0.00 N | 28.64 -0.54 0.00 N | 33.57 -0.60 0.00 N | 38.91 -0.62 0.00 N | 36.27 -0.55 0.00 N | 44.14 -0.62 0.00 N | 43.35 -0.33 0.00 N | 38.69 -0.29 0.00 N | 45.12 -0.42 0.00 N | 43.75 -0.39 0.00 N | 40.12 -0.46 0.00 N | 22.07 -0.23 0.00 N | 31.75 -0.32 0.00 N | 39.42 -0.53 0.00 N | 39.38 -0.57 0.00 N | |
| LOVETT___3 23632 | 29.43 1.03 0.00 N | 17.75 0.52 0.00 N | -14.81 -0.35 0.00 N | -59.28 -1.59 0.00 N | -6.78 -0.04 0.00 N | -236.73 -4.85 0.00 N | -299.89 -3.04 0.00 N | -152.84 -2.40 0.00 N | 27.96 1.03 0.00 N | 34.60 1.64 0.00 N | 30.79 1.60 0.00 N | 36.15 1.98 0.00 N | 41.88 2.35 0.00 N | 39.16 2.34 0.00 N | 47.90 3.14 0.00 N | 47.11 3.43 0.00 N | 42.06 3.08 0.00 N | 48.95 3.41 0.00 N | 47.35 3.20 0.00 N | 43.57 2.99 0.00 N | 23.67 1.37 0.00 N | 33.84 1.77 0.00 N | 41.90 1.96 0.00 N | 41.37 1.42 0.00 N | |
| LOVETT___4 23642 | 29.83 1.43 0.00 N | 17.99 0.76 0.00 N | -15.00 -0.53 0.00 N | -60.09 -2.40 0.00 N | -6.88 -0.14 0.00 N | -239.95 -8.07 0.00 N | -304.27 -7.41 0.00 N | -155.00 -4.55 0.00 N | 28.34 1.42 0.00 N | 35.10 2.14 0.00 N | 31.26 2.07 0.00 N | 36.70 2.54 0.00 N | 42.56 3.03 0.00 N | 39.80 2.97 0.00 N | 48.71 3.95 0.00 N | 47.92 4.24 0.00 N | 42.77 3.79 0.00 N | 49.81 4.26 0.00 N | 48.15 4.01 0.00 N | 44.28 3.70 0.00 N | 24.06 1.76 0.00 N | 34.39 2.32 0.00 N | 42.54 2.60 0.00 N | 41.98 2.04 0.00 N | |
| LOVETT___5 23593 | 29.83 1.43 0.00 N | 17.99 0.76 0.00 N | -15.00 -0.53 0.00 N | -60.09 -2.40 0.00 N | -6.88 -0.14 0.00 N | -239.95 -8.07 0.00 N | -304.27 -7.41 0.00 N | -155.00 -4.55 0.00 N | 28.34 1.42 0.00 N | 35.10 2.14 0.00 N | 31.26 2.07 0.00 N | 36.70 2.54 0.00 N | 42.56 3.03 0.00 N | 39.80 2.97 0.00 N | 48.71 3.95 0.00 N | 47.92 4.24 0.00 N | 42.77 3.79 0.00 N | 49.81 4.26 0.00 N | 48.15 4.01 0.00 N | 44.28 3.70 0.00 N | 24.06 1.76 0.00 N | 34.39 2.32 0.00 N | 42.54 2.60 0.00 N | 41.98 2.04 0.00 N | |
| LOWER RAQUET___HYD 24057 | 26.99 -1.41 0.00 N | 16.46 -0.77 0.00 N | -13.73 0.73 0.00 N | -54.74 2.95 0.00 N | -6.38 0.36 0.00 N | -221.27 10.60 0.00 N | -283.53 13.32 0.00 N | -144.23 6.22 0.00 N | 26.03 -0.89 0.00 N | 31.61 -1.35 0.00 N | 27.74 -1.45 0.00 N | 32.31 -1.85 0.00 N | 37.31 -2.22 0.00 N | 34.63 -2.19 0.00 N | 41.77 -2.99 0.00 N | 40.22 -3.46 0.00 N | 35.70 -3.28 0.00 N | 41.84 -3.71 0.00 N | 40.67 -3.46 0.00 N | 37.41 -3.16 0.00 N | 20.72 -1.59 0.00 N | 30.02 -2.05 0.00 N | 37.57 -2.38 0.00 N | 38.09 -1.86 0.00 N | |
| LOWER___HUDSON 24059 | 29.23 0.83 0.00 N | 17.68 0.45 0.00 N | -14.85 -0.38 0.00 N | -59.28 -1.59 0.00 N | -6.77 -0.03 0.00 N | -236.44 -4.57 0.00 N | -299.05 -2.20 0.00 N | -151.69 -1.24 0.00 N | 27.59 0.67 0.00 N | 33.95 0.99 0.00 N | 30.32 1.13 0.00 N | 35.66 1.50 0.00 N | 41.12 1.58 0.00 N | 38.31 1.49 0.00 N | 46.69 1.93 0.00 N | 45.55 1.87 0.00 N | 40.62 1.64 0.00 N | 47.42 1.87 0.00 N | 45.91 1.77 0.00 N | 42.35 1.78 0.00 N | 23.05 0.75 0.00 N | 33.05 0.99 0.00 N | 41.32 1.37 0.00 N | 41.09 1.14 0.00 N | |
| LWR___OSWEGATCHIE_HYD 23850 | 27.11 -1.29 0.00 N | 16.45 -0.78 0.00 N | -13.75 0.72 0.00 N | -54.85 2.85 0.00 N | -6.40 0.34 0.00 N | -221.24 10.64 0.00 N | -283.54 13.31 0.00 N | -144.25 6.20 0.00 N | 26.09 -0.84 0.00 N | 31.85 -1.11 0.00 N | 28.09 -1.11 0.00 N | 32.81 -1.36 0.00 N | 37.96 -1.58 0.00 N | 35.27 -1.56 0.00 N | 42.57 -2.19 0.00 N | 41.19 -2.49 0.00 N | 36.67 -2.31 0.00 N | 42.87 -2.67 0.00 N | 41.60 -2.54 0.00 N | 38.21 -2.36 0.00 N | 21.09 -1.22 0.00 N | 30.46 -1.61 0.00 N | 37.96 -1.98 0.00 N | 38.24 -1.71 0.00 N | |
| MAPLE RIDGE_WT_1 323574 | 28.06 -0.34 0.00 N | 17.04 -0.19 0.00 N | -14.27 0.19 0.00 N | -56.94 0.75 0.00 N | -6.65 0.09 0.00 N | -228.71 3.17 0.00 N | -292.72 4.13 0.00 N | -148.62 1.84 0.00 N | 26.73 -0.20 0.00 N | 32.74 -0.22 0.00 N | 28.84 -0.35 0.00 N | 33.70 -0.46 0.00 N | 38.95 -0.59 0.00 N | 36.20 -0.63 0.00 N | 43.93 -0.83 0.00 N | 42.87 -0.81 0.00 N | 38.46 -0.52 0.00 N | 44.96 -0.58 0.00 N | 43.70 -0.44 0.00 N | 40.29 -0.28 0.00 N | 22.17 -0.13 0.00 N | 31.90 -0.17 0.00 N | 39.51 -0.43 0.00 N | 39.18 -0.77 0.00 N | |
| MG INDUSTRY___DRP 24185 | 29.10 0.70 0.00 N | 17.63 0.40 0.00 N | -14.79 -0.33 0.00 N | -59.05 -1.36 0.00 N | -6.79 -0.05 0.00 N | -235.81 -3.94 0.00 N | -298.58 -1.72 0.00 N | -151.40 -0.95 0.00 N | 27.36 0.43 0.00 N | 33.73 0.77 0.00 N | 30.04 0.85 0.00 N | 35.27 1.10 0.00 N | 40.78 1.25 0.00 N | 38.04 1.21 0.00 N | 46.38 1.62 0.00 N | 45.32 1.64 0.00 N | 40.44 1.46 0.00 N | 47.18 1.64 0.00 N | 45.66 1.52 0.00 N | 42.05 1.48 0.00 N | 22.96 0.66 0.00 N | 32.93 0.86 0.00 N | 41.03 1.09 0.00 N | 40.75 0.80 0.00 N | |
| MID___OSWEGATCHIE_HYD 23849 | 27.11 -1.29 0.00 N | 16.45 -0.78 0.00 N | -13.75 0.72 0.00 N | -54.85 2.85 0.00 N | -6.40 0.34 0.00 N | -221.24 10.64 0.00 N | -283.54 13.31 0.00 N | -144.25 6.20 0.00 N | 26.09 -0.84 0.00 N | 31.85 -1.11 0.00 N | 28.09 -1.11 0.00 N | 32.81 -1.36 0.00 N | 37.96 -1.58 0.00 N | 35.27 -1.56 0.00 N | 42.57 -2.19 0.00 N | 41.19 -2.49 0.00 N | 36.67 -2.31 0.00 N | 42.87 -2.67 0.00 N | 41.60 -2.54 0.00 N | 38.21 -2.36 0.00 N | 21.09 -1.22 0.00 N | 30.46 -1.61 0.00 N | 37.96 -1.98 0.00 N | 38.24 -1.71 0.00 N | |
| MID___RAQUETTE_HYD 23851 | 26.99 -1.41 0.00 N | 16.46 -0.77 0.00 N | -13.73 0.73 0.00 N | -54.74 2.95 0.00 N | -6.38 0.36 0.00 N | -221.27 10.60 0.00 N | -283.53 13.32 0.00 N | -144.23 6.22 0.00 N | 26.03 -0.89 0.00 N | 31.61 -1.35 0.00 N | 27.74 -1.45 0.00 N | 32.31 -1.85 0.00 N | 37.31 -2.22 0.00 N | 34.63 -2.19 0.00 N | 41.77 -2.99 0.00 N | 40.22 -3.46 0.00 N | 35.70 -3.28 0.00 N | 41.84 -3.71 0.00 N | 40.67 -3.46 0.00 N | 37.41 -3.16 0.00 N | 20.72 -1.59 0.00 N | 30.02 -2.05 0.00 N | 37.57 -2.38 0.00 N | 38.09 -1.86 0.00 N | |
| MILLIKEN___1 | 26.92 | 16.40 | -13.84 | -55.06 | -6.61 | -222.29 | -287.79 | -145.96 | 25.43 | 30.86 | 27.76 | 32.09 | 37.11 | 34.62 | 42.11 | 41.47 | 36.99 | 43.14 | 41.82 | 38.33 | 21.81 | 30.93 | 37.40 | 37.23 | |

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| 23584 | -1.48 0.00 N | -0.83 0.00 N | 0.62 0.00 N | 2.63 0.00 N | 0.13 0.00 N | 9.58 0.00 N | 9.06 0.00 N | 4.49 0.00 N | -1.49 0.00 N | -2.10 0.00 N | -1.43 0.00 N | -2.08 0.00 N | -2.43 0.00 N | -2.21 0.00 N | -2.65 0.00 N | -2.21 0.00 N | -1.99 0.00 N | -2.40 0.00 N | -2.32 0.00 N | -2.24 0.00 N | -0.49 0.00 N | -1.14 0.00 N | -2.55 0.00 N | -2.72 0.00 N |
| MILLIKEN___2 23585 | 26.92 -1.48 0.00 N | 16.40 -0.83 0.00 N | -13.84 0.62 0.00 N | -55.06 2.63 0.00 N | -6.61 0.13 0.00 N | -222.29 9.58 0.00 N | -287.79 9.06 0.00 N | -145.96 4.49 0.00 N | 25.43 -1.49 0.00 N | 30.86 -2.10 0.00 N | 27.76 -1.43 0.00 N | 32.09 -2.08 0.00 N | 37.11 -2.43 0.00 N | 34.62 -2.21 0.00 N | 42.11 -2.65 0.00 N | 41.47 -2.21 0.00 N | 36.99 -1.99 0.00 N | 43.14 -2.40 0.00 N | 41.82 -2.32 0.00 N | 38.33 -2.24 0.00 N | 21.81 -0.49 0.00 N | 30.93 -1.14 0.00 N | 37.40 -2.55 0.00 N | 37.23 -2.72 0.00 N |
| MILLIKEN___DIESEL 23629 | 26.92 -1.48 0.00 N | 16.40 -0.83 0.00 N | -13.84 0.62 0.00 N | -55.06 2.63 0.00 N | -6.61 0.13 0.00 N | -222.29 9.58 0.00 N | -287.79 9.06 0.00 N | -145.96 4.49 0.00 N | 25.43 -1.49 0.00 N | 30.86 -2.10 0.00 N | 27.76 -1.43 0.00 N | 32.09 -2.08 0.00 N | 37.11 -2.43 0.00 N | 34.62 -2.21 0.00 N | 42.11 -2.65 0.00 N | 41.47 -2.21 0.00 N | 36.99 -1.99 0.00 N | 43.14 -2.40 0.00 N | 41.82 -2.32 0.00 N | 38.33 -2.24 0.00 N | 21.81 -0.49 0.00 N | 30.93 -1.14 0.00 N | 37.40 -2.55 0.00 N | 37.23 -2.72 0.00 N |
| MODEL_CITY_ENERGY 24167 | 26.02 -2.38 0.00 N | 15.69 -1.54 0.00 N | -13.39 1.08 0.00 N | -53.18 4.51 0.00 N | -6.92 -0.19 0.00 N | -218.42 13.46 0.00 N | -288.07 8.78 0.00 N | -146.44 4.00 0.00 N | 24.16 -2.77 0.00 N | 29.60 -3.36 0.00 N | 26.37 -2.82 0.00 N | 30.58 -3.59 0.00 N | 35.49 -4.05 0.00 N | 33.00 -3.82 0.00 N | 40.20 -4.56 0.00 N | 40.49 -3.19 0.00 N | 36.17 -2.81 0.00 N | 41.80 -3.75 0.00 N | 40.66 -3.48 0.00 N | 36.93 -3.64 0.00 N | 20.71 -1.59 0.00 N | 30.04 -2.03 0.00 N | 36.91 -3.03 0.00 N | 37.16 -2.79 0.00 N |
| MODERN_LFGE___ 323580 | 26.02 -2.38 0.00 N | 15.69 -1.54 0.00 N | -13.39 1.08 0.00 N | -53.18 4.51 0.00 N | -6.92 -0.19 0.00 N | -218.42 13.46 0.00 N | -288.07 8.78 0.00 N | -146.44 4.00 0.00 N | 24.16 -2.77 0.00 N | 29.60 -3.36 0.00 N | 26.37 -2.82 0.00 N | 30.58 -3.59 0.00 N | 35.49 -4.05 0.00 N | 33.00 -3.82 0.00 N | 40.20 -4.56 0.00 N | 40.49 -3.19 0.00 N | 36.17 -2.81 0.00 N | 41.80 -3.75 0.00 N | 40.66 -3.48 0.00 N | 36.93 -3.64 0.00 N | 20.71 -1.59 0.00 N | 30.04 -2.03 0.00 N | 36.91 -3.03 0.00 N | 37.16 -2.79 0.00 N |
| MOHAWK_PAPER___DRP 24187 | 29.52 1.12 0.00 N | 17.86 0.62 0.00 N | -14.99 -0.53 0.00 N | -59.83 -2.14 0.00 N | -6.86 -0.12 0.00 N | -238.92 -7.04 0.00 N | -303.17 -6.32 0.00 N | -153.78 -3.33 0.00 N | 27.87 0.94 0.00 N | 34.28 1.33 0.00 N | 30.54 1.35 0.00 N | 35.89 1.72 0.00 N | 41.44 1.90 0.00 N | 38.64 1.81 0.00 N | 47.06 2.31 0.00 N | 45.91 2.24 0.00 N | 40.96 1.98 0.00 N | 47.80 2.26 0.00 N | 46.27 2.13 0.00 N | 42.66 2.09 0.00 N | 23.31 1.01 0.00 N | 33.44 1.37 0.00 N | 41.78 1.84 0.00 N | 41.49 1.55 0.00 N |
| MONGAUP___HYD 23641 | 29.93 1.52 0.00 N | 18.01 0.78 0.00 N | -15.03 -0.57 0.00 N | -60.09 -2.40 0.00 N | -6.92 -0.18 0.00 N | -240.13 -8.25 0.00 N | -305.16 -8.31 0.00 N | -155.28 -4.83 0.00 N | 28.35 1.42 0.00 N | 35.11 2.15 0.00 N | 31.34 2.14 0.00 N | 36.84 2.68 0.00 N | 42.82 3.28 0.00 N | 40.01 3.18 0.00 N | 48.97 4.21 0.00 N | 48.15 4.47 0.00 N | 42.93 3.95 0.00 N | 50.10 4.56 0.00 N | 48.40 4.26 0.00 N | 44.41 3.84 0.00 N | 24.16 1.86 0.00 N | 34.57 2.50 0.00 N | 42.77 2.83 0.00 N | 42.23 2.28 0.00 N |
| MONTAUK___DIESEL 23721 | 71.38 3.57 -39.41 N | 63.93 1.82 -44.87 N | 16.00 -1.53 -32.00 N | -61.89 -6.03 -1.83 N | -7.30 -0.56 0.00 N | -253.36 -21.48 0.00 N | -320.64 -23.79 0.00 N | -159.14 -12.57 -3.87 N | 68.82 3.23 -38.67 N | 73.20 4.09 -36.15 N | 75.85 3.14 -43.52 N | 77.32 3.89 -39.26 N | 80.36 4.70 -36.12 N | 80.36 4.65 -38.88 N | 78.39 6.08 -27.55 N | 77.75 6.39 -27.69 N | 77.08 5.60 -32.50 N | 77.12 6.34 -25.24 N | 116.52 5.90 -66.47 N | 76.84 5.34 -30.93 N | 75.88 2.67 -50.91 N | 78.16 3.66 -42.42 N | 72.89 4.18 -28.77 N | 72.66 4.37 -28.34 N |
| N SALMON___HYD 24042 | 27.91 -0.48 0.00 N | 17.00 -0.23 0.00 N | -14.26 0.20 0.00 N | -56.77 0.93 0.00 N | -6.65 0.09 0.00 N | -229.17 2.71 0.00 N | -294.54 2.31 0.00 N | -149.44 1.01 0.00 N | 26.86 -0.06 0.00 N | 32.62 -0.33 0.00 N | 28.66 -0.53 0.00 N | 33.39 -0.78 0.00 N | 38.52 -1.01 0.00 N | 35.79 -1.03 0.00 N | 43.21 -1.55 0.00 N | 41.70 -1.98 0.00 N | 37.06 -1.92 0.00 N | 43.45 -2.10 0.00 N | 42.19 -1.95 0.00 N | 38.85 -1.73 0.00 N | 21.47 -0.83 0.00 N | 31.07 -1.00 0.00 N | 38.82 -1.12 0.00 N | 39.15 -0.80 0.00 N |
| N.E._GEN_SANDY PD 24062 | 29.50 1.10 0.00 N | 17.86 0.62 0.00 N | -14.99 -0.53 0.00 N | -59.86 -2.17 0.00 N | -6.84 -0.10 0.00 N | -238.69 -6.81 0.00 N | 15.51 0.18 -9.98 N | -153.15 -2.70 0.00 N | 27.82 0.89 0.00 N | 34.27 1.32 0.00 N | 30.63 1.44 0.00 N | 35.99 1.82 0.00 N | 41.58 2.04 0.00 N | 38.75 1.93 0.00 N | 47.31 2.55 0.00 N | 46.28 2.60 0.00 N | 41.26 2.28 0.00 N | 48.16 2.62 0.00 N | 46.63 2.49 0.00 N | 42.96 2.39 0.00 N | 38.83 1.60 -8.08 N | 33.39 1.32 0.00 N | 41.62 1.68 0.00 N | 40.03 1.39 -0.93 N |
| NARROWS_GT1_1 24228 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NARROWS_GT1_2 24229 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NARROWS_GT1_3 24230 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NARROWS_GT1_4 24231 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |

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|----------------------------------|-----------------------------|----------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|-------------------------------|----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|------------------------------|
| NARROWS_GT1_5 24232 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NARROWS_GT1_6 24233 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NARROWS_GT1_7 24234 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NARROWS_GT1_8 24235 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NARROWS_GT2_1 24236 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NARROWS_GT2_2 24237 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NARROWS_GT2_3 24238 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NARROWS_GT2_4 24239 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NARROWS_GT2_5 24240 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NARROWS_GT2_6 24241 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NARROWS_GT2_7 24242 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NARROWS_GT2_8 24243 | 35.55 2.06 -5.08 N | 18.38 1.15 0.00 N | -15.33 -0.86 0.00 N | -61.30 -3.61 0.00 N | -7.00 -0.26 0.00 N | -244.72 -12.85 0.00 N | -309.49 -12.63 0.00 N | -157.25 -6.81 0.00 N | 28.88 1.96 0.00 N | 52.67 2.86 -16.86 N | 79.54 2.66 -47.69 N | 66.87 3.26 -29.45 N | 71.45 3.87 -28.05 N | 66.08 3.69 -25.57 N | 106.55 4.83 -56.96 N | 65.89 5.09 -17.13 N | 103.29 4.48 -59.84 N | 105.36 5.17 -54.66 N | 71.77 4.86 -22.77 N | 100.00 4.46 -54.97 N | 104.88 2.15 -80.43 N | 203.67 2.86 -168.74 N | 114.52 3.36 -71.23 N | 66.03 2.83 -23.26 N |
| NEG CAPITAL____MECHNVIL 23645 | 29.29 0.89 0.00 N | 17.71 0.47 0.00 N | -14.86 -0.39 0.00 N | -59.31 -1.61 0.00 N | -6.78 -0.04 0.00 N | -236.52 -4.65 0.00 N | -299.22 -2.37 0.00 N | -151.92 -1.47 0.00 N | 27.71 0.78 0.00 N | 34.12 1.16 0.00 N | 30.52 1.33 0.00 N | 35.91 1.75 0.00 N | 41.43 1.89 0.00 N | 38.60 1.78 0.00 N | 47.05 2.29 0.00 N | 45.91 2.24 0.00 N | 40.94 1.96 0.00 N | 47.79 2.24 0.00 N | 46.27 2.14 0.00 N | 42.65 2.08 0.00 N | 23.19 0.89 0.00 N | 33.26 1.19 0.00 N | 41.53 1.59 0.00 N | 41.26 1.31 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 26.85 -1.55 0.00 | 16.22 -1.01 0.00 | -13.70 0.76 0.00 | -54.49 3.20 0.00 | -6.70 0.04 0.00 | -220.91 10.96 0.00 | -286.54 10.31 0.00 | -145.73 4.72 0.00 | 25.21 -1.72 0.00 | 30.98 -1.98 0.00 | 27.58 -1.61 0.00 | 32.17 -1.99 0.00 | 37.28 -2.25 0.00 | 34.73 -2.09 0.00 | 42.23 -2.53 0.00 | 41.89 -1.79 0.00 | 37.43 -1.55 0.00 | 43.45 -2.09 0.00 | 42.17 -1.97 0.00 | 38.54 -2.03 0.00 | 21.40 -0.90 0.00 | 30.87 -1.20 0.00 | 38.13 -1.81 0.00 | 38.15 -1.80 0.00 |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NEG CENTRAL____DRP 24199 | 27.45 -0.95 0.00 N | 16.58 -0.65 0.00 N | -13.99 0.47 0.00 N | -55.66 2.03 0.00 N | -6.70 0.04 0.00 N | -225.20 6.68 0.00 N | -292.22 4.63 0.00 N | -147.85 2.60 0.00 N | 25.84 -1.08 0.00 N | 31.81 -1.15 0.00 N | 28.38 -0.82 0.00 N | 33.21 -0.96 0.00 N | 38.47 -1.07 0.00 N | 35.89 -0.93 0.00 N | 43.71 -1.05 0.00 N | 43.15 -0.53 0.00 N | 38.44 -0.54 0.00 N | 44.79 -0.76 0.00 N | 43.42 -0.72 0.00 N | 39.83 -0.74 0.00 N | 22.04 -0.26 0.00 N | 31.66 -0.42 0.00 N | 39.00 -0.95 0.00 N | 38.76 -1.19 0.00 N | |
| NEG CENTRAL____INDECK 23768 | 26.75 -1.65 0.00 N | 16.11 -1.12 0.00 N | -13.66 0.81 0.00 N | -54.30 3.39 0.00 N | -6.80 -0.05 0.00 N | -221.46 10.42 0.00 N | -290.70 6.15 0.00 N | -147.32 3.13 0.00 N | 25.20 -1.73 0.00 N | 31.19 -1.77 0.00 N | 27.84 -1.36 0.00 N | 32.54 -1.63 0.00 N | 37.88 -1.66 0.00 N | 35.32 -1.51 0.00 N | 43.09 -1.68 0.00 N | 42.95 -0.73 0.00 N | 38.27 -0.71 0.00 N | 44.42 -1.13 0.00 N | 43.07 -1.07 0.00 N | 39.26 -1.31 0.00 N | 21.78 -0.52 0.00 N | 31.38 -0.70 0.00 N | 38.55 -1.39 0.00 N | 38.31 -1.64 0.00 N | |
| NEG CENTRAL____SENECA 23627 | 27.23 -1.16 0.00 N | 16.44 -0.79 0.00 N | -13.89 0.57 0.00 N | -55.25 2.44 0.00 N | -6.74 0.00 0.00 N | -224.33 7.55 0.00 N | -292.41 4.44 0.00 N | -147.76 2.69 0.00 N | 25.63 -1.30 0.00 N | 31.60 -1.36 0.00 N | 28.21 -0.98 0.00 N | 33.01 -1.15 0.00 N | 38.24 -1.30 0.00 N | 35.69 -1.14 0.00 N | 43.47 -1.30 0.00 N | 43.01 -0.67 0.00 N | 38.31 -0.67 0.00 N | 44.60 -0.94 0.00 N | 43.23 -0.91 0.00 N | 39.66 -0.91 0.00 N | 22.01 -0.29 0.00 N | 31.59 -0.48 0.00 N | 38.79 -1.16 0.00 N | 38.45 -1.50 0.00 N | |
| NEG CENTRAL____STATE_STREET 24147 | 27.63 -0.77 0.00 N | 16.76 -0.47 0.00 N | -14.11 0.35 0.00 N | -56.19 1.50 0.00 N | -6.75 0.00 0.00 N | -226.99 4.89 0.00 N | -293.54 3.31 0.00 N | -148.90 1.55 0.00 N | 26.07 -0.86 0.00 N | 31.89 -1.06 0.00 N | 28.54 -0.65 0.00 N | 33.24 -0.93 0.00 N | 38.53 -1.00 0.00 N | 35.95 -0.88 0.00 N | 43.79 -0.97 0.00 N | 43.15 -0.52 0.00 N | 38.49 -0.49 0.00 N | 44.87 -0.67 0.00 N | 43.51 -0.63 0.00 N | 39.85 -0.72 0.00 N | 22.27 -0.03 0.00 N | 31.79 -0.27 0.00 N | 38.97 -0.98 0.00 N | 38.86 -1.09 0.00 N | |
| NEG MILLWOOD____DRP 24198 | 30.15 1.75 0.00 N | 18.20 0.96 0.00 N | -15.20 -0.74 0.00 N | -60.78 -3.09 0.00 N | -6.96 -0.22 0.00 N | -242.71 -10.83 0.00 N | -307.84 -10.99 0.00 N | -156.68 -6.23 0.00 N | 28.63 1.70 0.00 N | 35.45 2.49 0.00 N | 31.62 2.43 0.00 N | 37.14 2.98 0.00 N | 43.08 3.55 0.00 N | 40.20 3.38 0.00 N | 49.22 4.46 0.00 N | 48.40 4.72 0.00 N | 43.15 4.17 0.00 N | 50.32 4.78 0.00 N | 48.62 4.48 0.00 N | 44.67 4.09 0.00 N | 24.30 2.00 0.00 N | 34.78 2.71 0.00 N | 42.96 3.02 0.00 N | 42.38 2.43 0.00 N | |
| NEG NORTH_FLCN_SEA 23793 | 27.84 -0.56 0.00 N | 16.94 -0.29 0.00 N | -14.30 0.16 0.00 N | -56.71 0.99 0.00 N | -6.65 0.10 0.00 N | -228.50 3.38 0.00 N | -293.99 2.87 0.00 N | -148.91 1.54 0.00 N | 26.76 -0.17 0.00 N | 32.49 -0.46 0.00 N | 28.58 -0.61 0.00 N | 33.29 -0.87 0.00 N | 38.39 -1.15 0.00 N | 35.67 -1.16 0.00 N | 43.12 -1.64 0.00 N | 41.70 -1.97 0.00 N | 37.09 -1.89 0.00 N | 43.49 -2.05 0.00 N | 42.23 -1.91 0.00 N | 38.92 -1.65 0.00 N | 21.48 -0.82 0.00 N | 31.04 -1.03 0.00 N | 38.76 -1.19 0.00 N | 39.01 -0.94 0.00 N | |
| NEG NORTH_KES_CHATGAY 23792 | 28.09 -0.31 0.00 N | 17.10 -0.13 0.00 N | -14.38 0.08 0.00 N | -57.17 0.52 0.00 N | -6.70 0.04 0.00 N | -230.61 1.27 0.00 N | -296.73 0.12 0.00 N | -150.37 0.08 0.00 N | 26.98 0.06 0.00 N | 32.78 -0.18 0.00 N | 28.82 -0.38 0.00 N | 33.57 -0.60 0.00 N | 38.74 -0.79 0.00 N | 36.00 -0.83 0.00 N | 43.48 -1.28 0.00 N | 42.01 -1.67 0.00 N | 37.35 -1.63 0.00 N | 43.80 -1.74 0.00 N | 42.52 -1.63 0.00 N | 39.16 -1.41 0.00 N | 21.63 -0.67 0.00 N | 31.29 -0.78 0.00 N | 39.08 -0.87 0.00 N | 39.34 -0.61 0.00 N | |
| NEG NORTH____ALICE_FALLS 23915 | 28.06 -0.34 0.00 N | 17.07 -0.16 0.00 N | -14.40 0.06 0.00 N | -57.11 0.58 0.00 N | -6.71 0.03 0.00 N | -230.30 1.58 0.00 N | -296.34 0.51 0.00 N | -150.14 0.31 0.00 N | 26.97 0.04 0.00 N | 32.77 -0.19 0.00 N | 28.82 -0.38 0.00 N | 33.58 -0.59 0.00 N | 38.73 -0.80 0.00 N | 35.98 -0.84 0.00 N | 43.50 -1.26 0.00 N | 42.09 -1.59 0.00 N | 37.41 -1.57 0.00 N | 43.88 -1.66 0.00 N | 42.60 -1.54 0.00 N | 39.25 -1.32 0.00 N | 21.66 -0.64 0.00 N | 31.32 -0.76 0.00 N | 39.08 -0.86 0.00 N | 39.32 -0.62 0.00 N | |
| NEG NORTH____LWR_SARANAC 23913 | 28.06 -0.34 0.00 N | 17.07 -0.16 0.00 N | -14.40 0.06 0.00 N | -57.11 0.58 0.00 N | -6.71 0.03 0.00 N | -230.30 1.58 0.00 N | -296.34 0.51 0.00 N | -150.14 0.31 0.00 N | 26.97 0.04 0.00 N | 32.77 -0.19 0.00 N | 28.82 -0.38 0.00 N | 33.58 -0.59 0.00 N | 38.73 -0.80 0.00 N | 35.98 -0.84 0.00 N | 43.50 -1.26 0.00 N | 42.09 -1.59 0.00 N | 37.41 -1.57 0.00 N | 43.88 -1.66 0.00 N | 42.60 -1.54 0.00 N | 39.25 -1.32 0.00 N | 21.66 -0.64 0.00 N | 31.32 -0.76 0.00 N | 39.08 -0.86 0.00 N | 39.32 -0.62 0.00 N | |
| NEG NORTH____PLATTSBURG 23628 | 28.06 -0.34 0.00 N | 17.07 -0.16 0.00 N | -14.40 0.06 0.00 N | -57.11 0.58 0.00 N | -6.71 0.03 0.00 N | -230.30 1.58 0.00 N | -296.34 0.51 0.00 N | -150.14 0.31 0.00 N | 26.97 0.04 0.00 N | 32.77 -0.19 0.00 N | 28.82 -0.38 0.00 N | 33.58 -0.59 0.00 N | 38.73 -0.80 0.00 N | 35.98 -0.84 0.00 N | 43.50 -1.26 0.00 N | 42.09 -1.59 0.00 N | 37.41 -1.57 0.00 N | 43.88 -1.66 0.00 N | 42.60 -1.54 0.00 N | 39.25 -1.32 0.00 N | 21.66 -0.64 0.00 N | 31.32 -0.76 0.00 N | 39.08 -0.86 0.00 N | 39.32 -0.62 0.00 N | |
| NEG WEST_LEA_LOCKPORT 23791 | 25.98 -2.42 0.00 N | 15.66 -1.57 0.00 N | -13.36 1.10 0.00 N | -53.08 4.61 0.00 N | -6.90 -0.16 0.00 N | -218.03 13.85 0.00 N | -287.72 9.14 0.00 N | -146.21 4.23 0.00 N | 24.12 -2.80 0.00 N | 29.58 -3.37 0.00 N | 26.36 -2.83 0.00 N | 30.59 -3.58 0.00 N | 35.51 -4.03 0.00 N | 33.03 -3.79 0.00 N | 40.24 -4.52 0.00 N | 40.52 -3.16 0.00 N | 36.18 -2.80 0.00 N | 41.84 -3.71 0.00 N | 40.68 -3.46 0.00 N | 36.95 -3.63 0.00 N | 20.72 -1.59 0.00 N | 30.03 -2.04 0.00 N | 36.89 -3.05 0.00 N | 37.10 -2.85 0.00 N | |
| NEG WEST____LANCASTR 23811 | 25.82 -2.58 0.00 N | 15.53 -1.70 0.00 N | -13.29 1.17 0.00 N | -52.77 4.93 0.00 N | -6.75 -0.01 0.00 N | -217.85 14.03 0.00 N | -290.83 6.02 0.00 N | -145.80 4.65 0.00 N | 24.17 -2.76 0.00 N | 30.02 -2.94 0.00 N | 26.78 -2.41 0.00 N | 31.38 -2.79 0.00 N | 36.79 -2.75 0.00 N | 34.32 -2.51 0.00 N | 42.21 -2.54 0.00 N | 42.28 -1.40 0.00 N | 37.44 -1.55 0.00 N | 43.55 -1.99 0.00 N | 42.17 -1.97 0.00 N | 38.36 -2.21 0.00 N | 21.28 -1.02 0.00 N | 30.47 -1.60 0.00 N | 37.34 -2.61 0.00 N | 36.90 -3.05 0.00 N | |
| NEG_PENN_ALLEGHNY 23528 | 28.05 -0.35 0.00 N | 16.96 -0.28 0.00 N | -14.33 0.14 0.00 N | -57.06 0.63 0.00 N | -6.81 -0.07 0.00 N | -230.88 0.99 0.00 N | -299.75 -2.90 0.00 N | -151.01 -0.56 0.00 N | 26.53 -0.40 0.00 N | 32.78 -0.17 0.00 N | 29.20 0.01 0.00 N | 34.29 0.13 0.00 N | 39.93 0.40 0.00 N | 37.25 0.42 0.00 N | 45.56 0.80 0.00 N | 44.87 1.20 0.00 N | 39.88 0.90 0.00 N | 46.55 1.00 0.00 N | 45.05 0.91 0.00 N | 41.28 0.71 0.00 N | 22.66 0.36 0.00 N | 32.42 0.35 0.00 N | 40.08 0.14 0.00 N | 39.66 -0.29 0.00 N | |
| NEG____GEN_MONROE | 27.13 | 16.36 | -13.85 | -55.08 | -6.91 | -224.35 | -292.98 | -149.08 | 25.45 | 31.37 | 27.97 | 32.59 | 37.84 | 35.24 | 42.92 | 42.83 | 38.28 | 44.33 | 43.03 | 39.21 | 21.82 | 31.53 | 38.82 | 38.79 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 24207 | -1.27 0.00 N | -0.87 0.00 N | 0.61 0.00 N | 2.61 0.00 N | -0.17 0.00 N | 7.53 0.00 N | 3.87 0.00 N | 1.37 0.00 N | -1.48 0.00 N | -1.58 0.00 N | -1.22 0.00 N | -1.57 0.00 N | -1.70 0.00 N | -1.58 0.00 N | -1.84 0.00 N | -0.85 0.00 N | -0.70 0.00 N | -1.21 0.00 N | -1.11 0.00 N | -1.36 0.00 N | -0.48 0.00 N | -0.54 0.00 N | -1.13 0.00 N | -1.16 0.00 N |
| NEPA____ENERGY 23901 | 25.45 -2.94 0.00 N | 15.26 -1.98 0.00 N | -13.12 1.34 0.00 N | -52.06 5.63 0.00 N | -6.59 0.15 0.00 N | -216.29 15.59 0.00 N | -292.39 4.47 0.00 N | -144.67 5.78 0.00 N | 23.92 -3.01 0.00 N | 30.02 -2.94 0.00 N | 26.81 -2.39 0.00 N | 31.63 -2.54 0.00 N | 37.35 -2.18 0.00 N | 34.93 -1.90 0.00 N | 43.31 -1.44 0.00 N | 43.23 -0.45 0.00 N | 38.03 -0.95 0.00 N | 44.44 -1.10 0.00 N | 42.92 -1.22 0.00 N | 39.08 -1.49 0.00 N | 21.52 -0.78 0.00 N | 30.53 -1.55 0.00 N | 37.29 -2.65 0.00 N | 36.34 -3.61 0.00 N |
| NEVERSINK____HYD 23608 | 29.88 1.49 0.00 N | 18.02 0.78 0.00 N | -15.06 -0.60 0.00 N | -60.21 -2.52 0.00 N | -6.94 -0.20 0.00 N | -240.99 -9.11 0.00 N | -307.21 -10.36 0.00 N | -156.03 -5.58 0.00 N | 28.28 1.36 0.00 N | 34.96 2.00 0.00 N | 31.15 1.96 0.00 N | 36.60 2.44 0.00 N | 42.52 2.98 0.00 N | 39.70 2.88 0.00 N | 48.56 3.80 0.00 N | 47.70 4.03 0.00 N | 42.53 3.55 0.00 N | 49.63 4.08 0.00 N | 47.98 3.84 0.00 N | 44.01 3.44 0.00 N | 24.00 1.70 0.00 N | 34.36 2.29 0.00 N | 42.55 2.60 0.00 N | 42.11 2.16 0.00 N |
| NEWTON____FALLS_HYD 23847 | 27.11 -1.29 0.00 N | 16.45 -0.78 0.00 N | -13.75 0.72 0.00 N | -54.85 2.85 0.00 N | -6.40 0.34 0.00 N | -221.24 10.64 0.00 N | -283.54 13.31 0.00 N | -144.25 6.20 0.00 N | 26.09 -0.84 0.00 N | 31.85 -1.11 0.00 N | 28.09 -1.11 0.00 N | 32.81 -1.36 0.00 N | 37.96 -1.58 0.00 N | 35.27 -1.56 0.00 N | 42.57 -2.19 0.00 N | 41.19 -2.49 0.00 N | 36.67 -2.31 0.00 N | 42.87 -2.67 0.00 N | 41.60 -2.54 0.00 N | 38.21 -2.36 0.00 N | 21.09 -1.22 0.00 N | 30.46 -1.61 0.00 N | 37.96 -1.98 0.00 N | 38.24 -1.71 0.00 N |
| NIAGARA____ 23760 | 25.90 -2.50 0.00 N | 15.62 -1.61 0.00 N | -13.33 1.13 0.00 N | -52.95 4.74 0.00 N | -6.89 -0.15 0.00 N | -217.30 14.58 0.00 N | -286.37 10.49 0.00 N | -145.64 4.81 0.00 N | 24.00 -2.93 0.00 N | 29.36 -3.59 0.00 N | 26.14 -3.05 0.00 N | 30.30 -3.87 0.00 N | 35.13 -4.40 0.00 N | 32.67 -4.16 0.00 N | 39.74 -5.02 0.00 N | 40.04 -3.64 0.00 N | 35.79 -3.19 0.00 N | 41.35 -4.19 0.00 N | 40.24 -3.90 0.00 N | 36.56 -4.02 0.00 N | 20.52 -1.79 0.00 N | 29.76 -2.31 0.00 N | 36.61 -3.34 0.00 N | 36.91 -3.04 0.00 N |
| NINE_MILE_1 23575 | 27.45 -0.94 0.00 N | 16.63 -0.60 0.00 N | -13.98 0.49 0.00 N | -55.73 1.96 0.00 N | -6.58 0.16 0.00 N | -224.29 7.59 0.00 N | -288.06 8.80 0.00 N | -146.04 4.41 0.00 N | 25.87 -1.06 0.00 N | 31.70 -1.26 0.00 N | 28.16 -1.04 0.00 N | 32.95 -1.22 0.00 N | 38.15 -1.39 0.00 N | 35.54 -1.29 0.00 N | 43.21 -1.55 0.00 N | 42.39 -1.29 0.00 N | 37.84 -1.14 0.00 N | 44.12 -1.43 0.00 N | 42.78 -1.36 0.00 N | 39.27 -1.30 0.00 N | 21.61 -0.69 0.00 N | 31.09 -0.98 0.00 N | 38.66 -1.28 0.00 N | 38.71 -1.24 0.00 N |
| NINE_MILE_2 23744 | 27.46 -0.94 0.00 N | 16.63 -0.60 0.00 N | -13.98 0.49 0.00 N | -55.73 1.96 0.00 N | -6.58 0.16 0.00 N | -224.36 7.52 0.00 N | -288.14 8.71 0.00 N | -146.04 4.41 0.00 N | 25.88 -1.05 0.00 N | 31.70 -1.26 0.00 N | 28.16 -1.03 0.00 N | 32.95 -1.21 0.00 N | 38.15 -1.39 0.00 N | 35.55 -1.28 0.00 N | 43.22 -1.54 0.00 N | 42.39 -1.29 0.00 N | 37.84 -1.14 0.00 N | 44.12 -1.43 0.00 N | 42.78 -1.36 0.00 N | 39.27 -1.30 0.00 N | 21.61 -0.69 0.00 N | 31.09 -0.98 0.00 N | 38.67 -1.28 0.00 N | 38.72 -1.23 0.00 N |
| NM_CAPITAL____DRP 24208 | 29.38 0.98 0.00 N | 17.79 0.55 0.00 N | -14.92 -0.45 0.00 N | -59.57 -1.88 0.00 N | -6.84 -0.10 0.00 N | -237.79 -5.92 0.00 N | -301.65 -4.80 0.00 N | -152.95 -2.50 0.00 N | 27.70 0.78 0.00 N | 34.05 1.09 0.00 N | 30.28 1.09 0.00 N | 35.57 1.41 0.00 N | 41.04 1.51 0.00 N | 38.27 1.45 0.00 N | 46.59 1.83 0.00 N | 45.39 1.71 0.00 N | 40.50 1.52 0.00 N | 47.26 1.72 0.00 N | 45.75 1.60 0.00 N | 42.22 1.64 0.00 N | 23.09 0.79 0.00 N | 33.15 1.08 0.00 N | 41.50 1.56 0.00 N | 41.26 1.31 0.00 N |
| NM_CENTRAL____DRP 24181 | 27.84 -0.56 0.00 N | 16.85 -0.38 0.00 N | -14.17 0.30 0.00 N | -56.46 1.23 0.00 N | -6.70 0.04 0.00 N | -227.36 4.52 0.00 N | -292.56 4.30 0.00 N | -148.34 2.10 0.00 N | 26.26 -0.66 0.00 N | 32.25 -0.71 0.00 N | 28.69 -0.50 0.00 N | 33.60 -0.56 0.00 N | 38.97 -0.57 0.00 N | 36.32 -0.51 0.00 N | 44.22 -0.54 0.00 N | 43.45 -0.23 0.00 N | 38.77 -0.21 0.00 N | 45.21 -0.34 0.00 N | 43.82 -0.32 0.00 N | 40.18 -0.40 0.00 N | 22.12 -0.18 0.00 N | 31.79 -0.28 0.00 N | 39.42 -0.52 0.00 N | 39.35 -0.60 0.00 N |
| NM_FRONTIER____DRP 24179 | 26.11 -2.29 0.00 N | 15.74 -1.49 0.00 N | -13.43 1.03 0.00 N | -53.34 4.35 0.00 N | -6.95 -0.21 0.00 N | -219.09 12.79 0.00 N | -288.79 8.06 0.00 N | -146.89 3.56 0.00 N | 24.21 -2.71 0.00 N | 29.64 -3.32 0.00 N | 26.40 -2.79 0.00 N | 30.61 -3.56 0.00 N | 35.50 -4.04 0.00 N | 33.00 -3.82 0.00 N | 40.19 -4.57 0.00 N | 40.48 -3.19 0.00 N | 36.18 -2.80 0.00 N | 41.81 -3.73 0.00 N | 40.68 -3.47 0.00 N | 36.93 -3.64 0.00 N | 20.73 -1.58 0.00 N | 30.09 -1.99 0.00 N | 36.99 -2.95 0.00 N | 37.27 -2.68 0.00 N |
| NM_ST_REGIS____HYD 24053 | 27.28 -1.12 0.00 N | 16.63 -0.60 0.00 N | -13.89 0.57 0.00 N | -55.36 2.33 0.00 N | -6.44 0.30 0.00 N | -223.73 8.15 0.00 N | -286.92 9.93 0.00 N | -145.88 4.57 0.00 N | 26.31 -0.61 0.00 N | 31.95 -1.01 0.00 N | 28.04 -1.15 0.00 N | 32.64 -1.52 0.00 N | 37.70 -1.84 0.00 N | 34.99 -1.84 0.00 N | 42.20 -2.56 0.00 N | 40.65 -3.03 0.00 N | 36.08 -2.91 0.00 N | 42.29 -3.26 0.00 N | 41.11 -3.04 0.00 N | 37.83 -2.74 0.00 N | 20.93 -1.36 0.00 N | 30.33 -1.74 0.00 N | 37.93 -2.01 0.00 N | 38.42 -1.53 0.00 N |
| NORTHPORT____1 23551 | 70.00 2.19 -39.41 N | 63.27 1.18 -44.86 N | 16.53 -1.00 -32.00 N | -59.85 -3.95 -1.79 N | -7.06 -0.32 0.00 N | -245.19 -13.31 0.00 N | -310.05 -13.20 0.00 N | -153.96 -7.38 -3.87 N | 67.61 2.02 -38.67 N | 71.92 2.81 -36.15 N | 75.11 2.40 -43.52 N | 76.28 2.85 -39.26 N | 78.89 3.33 -36.02 N | 79.02 3.31 -38.88 N | 76.59 4.35 -27.49 N | 75.99 4.63 -27.69 N | 75.58 4.09 -32.50 N | 75.45 4.67 -25.24 N | 115.02 4.40 -66.47 N | 75.64 4.13 -30.93 N | 75.24 2.03 -50.91 N | 77.20 2.70 -42.42 N | 71.94 3.22 -28.77 N | 71.07 2.79 -28.34 N |
| NORTHPORT____2 23552 | 70.00 2.19 -39.41 N | 63.27 1.18 -44.86 N | 16.53 -1.00 -32.00 N | -59.85 -3.95 -1.79 N | -7.06 -0.32 0.00 N | -245.19 -13.31 0.00 N | -310.05 -13.20 0.00 N | -153.96 -7.38 -3.87 N | 67.61 2.02 -38.67 N | 71.92 2.81 -36.15 N | 75.11 2.40 -43.52 N | 76.28 2.85 -39.26 N | 78.89 3.33 -36.02 N | 79.02 3.31 -38.88 N | 76.59 4.35 -27.49 N | 75.99 4.63 -27.69 N | 75.58 4.09 -32.50 N | 75.45 4.67 -25.24 N | 115.02 4.40 -66.47 N | 75.64 4.13 -30.93 N | 75.24 2.03 -50.91 N | 77.20 2.70 -42.42 N | 71.94 3.22 -28.77 N | 71.07 2.79 -28.34 N |
| NORTHPORT____3 23553 | 69.98 2.18 -39.41 N | 63.26 1.19 -44.85 N | 16.53 -1.00 -31.99 N | -59.88 -3.95 -1.76 N | -7.04 -0.30 0.00 N | -245.16 -13.28 0.00 N | -310.18 -13.33 0.00 N | -154.04 -7.46 -3.87 N | 67.63 2.04 -38.67 N | 71.97 2.86 -36.15 N | 75.11 2.40 -43.52 N | 76.29 2.87 -39.26 N | 78.91 3.36 -36.02 N | 79.06 3.35 -38.88 N | 76.69 4.44 -27.49 N | 76.06 4.70 -27.69 N | 75.66 4.17 -32.50 N | 75.58 4.80 -25.24 N | 115.23 4.61 -66.47 N | 75.85 4.35 -30.93 N | 75.31 2.10 -50.91 N | 77.25 2.76 -42.42 N | 72.06 3.36 -28.77 N | 71.13 2.85 -28.34 N |

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|--------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|------------------------------|
| NORTHPORT___4 23650 | 69.98 2.18 -39.41 N | 63.26 1.19 -44.85 N | 16.53 -1.00 -31.99 N | -59.88 -3.95 -1.76 N | -7.04 -0.30 0.00 N | -245.16 -13.28 0.00 N | -310.18 -13.33 0.00 N | -154.04 -7.46 -3.87 N | 67.63 2.04 -38.67 N | 71.97 2.86 -36.15 N | 75.11 2.40 -43.52 N | 76.29 2.87 -39.26 N | 78.91 3.36 -36.02 N | 79.06 3.35 -38.88 N | 76.69 4.44 -27.49 N | 76.06 4.70 -27.69 N | 75.66 4.17 -32.50 N | 75.58 4.80 -25.24 N | 115.23 4.61 -66.47 N | 75.85 4.35 -30.93 N | 75.31 2.10 -50.91 N | 77.25 2.76 -42.42 N | 72.06 3.36 -28.77 N | 71.13 2.85 -28.34 N |
| NORTHPORT___IC 23718 | 70.00 2.19 -39.41 N | 63.27 1.18 -44.86 N | 16.53 -1.00 -32.00 N | -59.85 -3.95 -1.79 N | -7.06 -0.32 0.00 N | -245.19 -13.34 0.00 N | -310.05 -13.20 0.00 N | -153.96 -7.38 -3.87 N | 67.61 2.02 -38.67 N | 71.92 2.81 -36.15 N | 75.11 2.40 -43.52 N | 76.28 2.85 -39.26 N | 78.89 3.33 -36.02 N | 79.02 3.31 -38.88 N | 76.59 4.35 -27.49 N | 75.99 4.63 -27.69 N | 75.58 4.09 -32.50 N | 75.45 4.67 -25.24 N | 115.02 4.40 -66.47 N | 75.64 4.13 -30.93 N | 75.24 2.03 -50.91 N | 77.20 2.70 -42.42 N | 71.94 3.22 -28.77 N | 71.07 2.79 -28.34 N |
| NPX_GEN_CSC 323557 | 70.18 2.37 -39.41 N | 63.29 1.19 -44.87 N | 16.49 -1.04 -32.00 N | -59.98 -4.12 -1.83 N | -7.09 -0.35 0.00 N | -246.22 -14.34 0.00 N | 15.62 0.29 -9.98 N | -153.76 -7.18 -3.87 N | 67.71 2.12 -38.67 N | 72.07 2.96 -36.15 N | 75.28 2.57 -43.52 N | 76.56 3.14 -39.26 N | 79.39 3.74 -36.12 N | 79.41 3.70 -38.88 N | 77.17 4.86 -27.55 N | 76.51 5.15 -27.69 N | 76.00 4.52 -32.50 N | 75.91 5.13 -25.24 N | 115.41 4.79 -66.47 N | 75.91 4.41 -30.93 N | 83.97 3.02 -51.79 N | 77.42 2.92 -42.42 N | 72.10 3.39 -28.77 N | 75.95 2.71 -35.52 N |
| NSINS_S_GLNS_FALLS 23858 | 28.57 0.17 0.00 N | 17.32 0.09 0.00 N | -14.54 -0.07 0.00 N | -58.00 -0.30 0.00 N | -6.61 0.13 0.00 N | -230.96 0.92 0.00 N | -291.47 5.38 0.00 N | -148.45 2.00 0.00 N | 27.28 0.36 0.00 N | 33.60 0.64 0.00 N | 30.16 0.97 0.00 N | 35.50 1.34 0.00 N | 40.95 1.41 0.00 N | 38.12 1.29 0.00 N | 46.45 1.69 0.00 N | 45.30 1.62 0.00 N | 40.34 1.36 0.00 N | 47.07 1.53 0.00 N | 45.65 1.50 0.00 N | 42.08 1.51 0.00 N | 22.78 0.48 0.00 N | 32.64 0.57 0.00 N | 40.68 0.73 0.00 N | 40.48 0.53 0.00 N |
| NUCOR_STEEL___DRP 24197 | 27.63 -0.77 0.00 N | 16.76 -0.47 0.00 N | -14.11 0.35 0.00 N | -56.19 1.50 0.00 N | -6.75 0.00 0.00 N | -226.99 4.89 0.00 N | -293.54 3.31 0.00 N | -148.90 1.55 0.00 N | 26.07 -0.86 0.00 N | 31.89 -1.06 0.00 N | 28.54 -0.65 0.00 N | 33.24 -0.93 0.00 N | 38.53 -1.00 0.00 N | 35.95 -0.88 0.00 N | 43.79 -0.97 0.00 N | 43.15 -0.52 0.00 N | 38.49 -0.49 0.00 N | 44.87 -0.67 0.00 N | 43.51 -0.63 0.00 N | 39.85 -0.72 0.00 N | 22.27 -0.03 0.00 N | 31.79 -0.27 0.00 N | 38.97 -0.98 0.00 N | 38.86 -1.09 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 28.40 0.00 0.00 N | 17.23 0.00 0.00 N | -14.46 0.00 0.00 N | -57.69 0.00 0.00 N | -6.74 0.00 0.00 N | -231.88 0.00 0.00 N | -296.85 0.00 0.00 N | -150.45 0.00 0.00 N | 26.93 0.00 0.00 N | 32.96 0.00 0.00 N | 29.19 0.00 0.00 N | 34.17 0.00 0.00 N | 39.53 0.00 0.00 N | 36.82 0.00 0.00 N | 44.76 0.00 0.00 N | 43.68 0.00 0.00 N | 38.98 0.00 0.00 N | 45.55 0.00 0.00 N | 44.14 0.00 0.00 N | 40.57 0.00 0.00 N | 22.30 0.00 0.00 N | 32.07 0.00 0.00 N | 39.94 0.00 0.00 N | 39.95 0.00 0.00 N |
| NYPA_BRENTWD___GT 24164 | 70.47 2.66 -39.41 N | 63.53 1.41 -44.89 N | 16.35 -1.19 -32.00 N | -60.50 -4.69 -1.88 N | -7.13 -0.39 0.00 N | -248.04 -16.17 0.00 N | -313.82 -16.97 0.00 N | -155.86 -9.29 -3.87 N | 68.02 2.43 -38.67 N | 72.31 3.20 -36.16 N | 75.56 2.85 -43.52 N | 76.91 3.48 -39.27 N | 80.00 4.15 -36.31 N | 79.77 4.06 -38.88 N | 77.48 5.05 -27.67 N | 76.67 5.31 -27.69 N | 76.16 4.68 -32.50 N | 76.11 5.33 -25.24 N | 115.62 5.00 -66.47 N | 76.13 4.62 -30.93 N | 75.51 2.30 -50.91 N | 77.70 3.20 -42.42 N | 72.52 3.81 -28.77 N | 71.76 3.47 -28.34 N |
| NYPA_GOWANUS___GT5 24156 | 35.53 2.05 -5.08 N | 18.37 1.14 0.00 N | -15.33 -0.87 0.00 N | -61.30 -3.61 0.00 N | -7.02 -0.28 0.00 N | -244.63 -12.75 0.00 N | -309.28 -12.43 0.00 N | -157.20 -6.76 0.00 N | 28.88 1.95 0.00 N | 52.24 2.84 -16.44 N | 67.87 2.65 -36.02 N | 66.85 3.23 -29.45 N | 71.42 3.84 -28.05 N | 66.06 3.67 -25.56 N | 75.27 4.79 -25.72 N | 65.85 5.05 -17.13 N | 103.26 4.44 -59.84 N | 105.33 5.13 -54.66 N | 71.74 4.83 -22.76 N | 96.47 4.44 -51.46 N | 57.75 2.13 -33.32 N | 161.84 2.84 -126.93 N | 78.74 3.33 -35.46 N | 57.56 2.80 -14.82 N |
| NYPA_GOWANUS___GT6 24157 | 35.53 2.05 -5.08 N | 18.37 1.14 0.00 N | -15.33 -0.87 0.00 N | -61.30 -3.61 0.00 N | -7.02 -0.28 0.00 N | -244.63 -12.75 0.00 N | -309.28 -12.43 0.00 N | -157.20 -6.76 0.00 N | 28.88 1.95 0.00 N | 52.24 2.84 -16.44 N | 67.87 2.65 -36.02 N | 66.85 3.23 -29.45 N | 71.42 3.84 -28.05 N | 66.06 3.67 -25.56 N | 75.27 4.79 -25.72 N | 65.85 5.05 -17.13 N | 103.26 4.44 -59.84 N | 105.33 5.13 -54.66 N | 71.74 4.83 -22.76 N | 96.47 4.44 -51.46 N | 57.75 2.13 -33.32 N | 161.84 2.84 -126.93 N | 78.74 3.33 -35.46 N | 57.56 2.80 -14.82 N |
| NYPA_HARLEM___RVR_GT1 24160 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.19 -3.50 0.00 N | -6.98 -0.24 0.00 N | -243.87 -11.99 0.00 N | -307.66 -10.81 0.00 N | -156.27 -5.82 0.00 N | 28.78 1.86 0.00 N | 52.10 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.83 3.46 -25.55 N | 65.88 4.59 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.24 -20.66 N | 62.36 4.89 -11.93 N | 56.52 4.59 -7.79 N | 46.70 4.23 -1.90 N | 24.30 2.00 0.00 N | 34.73 2.66 0.00 N | 43.11 3.17 0.00 N | 42.58 2.63 0.00 N |
| NYPA_HARLEM___RVR_GT2 24161 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.19 -3.50 0.00 N | -6.98 -0.24 0.00 N | -243.87 -11.99 0.00 N | -307.66 -10.81 0.00 N | -156.27 -5.82 0.00 N | 28.78 1.86 0.00 N | 52.10 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.83 3.46 -25.55 N | 65.88 4.59 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.24 -20.66 N | 62.36 4.89 -11.93 N | 56.52 4.59 -7.79 N | 46.70 4.23 -1.90 N | 24.30 2.00 0.00 N | 34.73 2.66 0.00 N | 43.11 3.17 0.00 N | 42.58 2.63 0.00 N |
| NYPA_KENT___GT 24152 | 35.50 2.03 -5.08 N | 18.35 1.13 0.00 N | -15.31 -0.85 0.00 N | -61.24 -3.55 0.00 N | -7.00 -0.26 0.00 N | -244.46 -12.59 0.00 N | -309.09 -12.23 0.00 N | -157.05 -6.61 0.00 N | 28.84 1.92 0.00 N | 52.61 2.80 -16.86 N | 79.49 2.60 -47.70 N | 66.77 3.16 -29.44 N | 69.44 3.75 -26.15 N | 65.97 3.59 -25.56 N | 90.37 4.70 -40.90 N | 65.75 4.95 -17.13 N | 87.61 4.36 -44.27 N | 88.26 5.03 -37.68 N | 65.71 4.75 -16.82 N | 80.24 4.38 -35.29 N | 91.65 2.11 -67.24 N | 153.23 2.80 -118.36 N | 100.39 3.27 -57.18 N | 60.08 2.74 -17.38 N |
| NYPA_POUCH1___GT 24155 | 35.46 1.98 -5.08 N | 18.33 1.10 0.00 N | -15.30 -0.84 0.00 N | -61.13 -3.44 0.00 N | -7.00 -0.26 0.00 N | -244.16 -12.28 0.00 N | -308.66 -11.81 0.00 N | -156.88 -6.43 0.00 N | 28.82 1.89 0.00 N | 52.17 2.77 -16.44 N | 67.79 2.57 -36.02 N | 66.78 3.17 -29.45 N | 71.34 3.76 -28.05 N | 65.98 3.60 -25.57 N | 109.92 4.71 -60.45 N | 65.80 4.99 -17.13 N | 104.33 4.40 -60.95 N | 105.27 5.07 -54.66 N | 71.68 4.77 -22.77 N | 96.41 4.38 -51.46 N | 57.71 2.09 -33.32 N | 188.23 2.78 -153.39 N | 78.69 3.28 -35.46 N | 57.52 2.75 -14.82 N |
| NYPA_VERNON___GT2 24162 | 35.46 1.98 -5.08 N | 18.33 1.09 0.00 N | -15.28 -0.82 0.00 N | -61.19 -3.50 0.00 N | -7.00 -0.26 0.00 N | -244.12 -12.24 0.00 N | -308.70 -11.85 0.00 N | -156.78 -6.33 0.00 N | 28.79 1.86 0.00 N | 52.54 2.73 -16.86 N | 79.44 2.55 -47.70 N | 66.71 3.11 -29.44 N | 67.48 3.68 -24.27 N | 65.90 3.52 -25.56 N | 74.32 4.64 -24.92 N | 65.66 4.86 -17.12 N | 72.05 4.28 -28.79 N | 71.28 4.95 -20.80 N | 59.71 4.67 -10.90 N | 60.56 4.28 -15.70 N | 78.44 2.06 -54.07 N | 103.00 2.73 -68.20 N | 86.28 3.18 -43.16 N | 54.13 2.65 -11.52 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 |
|-------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|---|
| NYPA_VERNON____GT3 24163 | 35.46 1.98 -5.08 N | 18.33 1.09 0.00 N | -15.28 -0.82 0.00 N | -61.19 -3.50 0.00 N | -7.00 -0.26 0.00 N | -244.12 -12.24 0.00 N | -308.70 -11.85 0.00 N | -156.78 -6.33 0.00 N | 28.79 1.86 0.00 N | 52.54 2.73 -16.86 N | 79.44 2.55 -47.70 N | 66.71 3.11 -29.44 N | 67.48 3.68 -24.27 N | 65.90 3.52 -25.56 N | 74.32 4.64 -24.92 N | 65.66 4.86 -17.12 N | 72.05 4.28 -28.79 N | 71.28 4.95 -20.80 N | 59.71 4.67 -10.90 N | 60.56 4.28 -15.70 N | 78.44 2.06 -54.07 N | 103.00 2.73 -68.20 N | 86.28 3.18 -43.16 N | 54.13 2.65 -11.52 N | |
| NYPA____ASTORIA_CC1 323568 | 35.45 1.97 -5.08 N | 18.33 1.09 0.00 N | -15.28 -0.82 0.00 N | -61.19 -3.49 0.00 N | -7.01 -0.27 0.00 N | -244.07 -12.19 0.00 N | -308.49 -11.64 0.00 N | -156.65 -6.20 0.00 N | 28.77 1.84 0.00 N | 52.09 2.70 -16.44 N | 67.73 2.51 -36.02 N | 66.68 3.07 -29.44 N | 66.46 3.64 -23.28 N | 65.86 3.48 -25.55 N | 65.88 4.60 -16.53 N | 65.62 4.82 -17.12 N | 63.88 4.24 -20.66 N | 62.38 4.90 -11.93 N | 56.55 4.62 -7.79 N | 46.71 4.24 -1.90 N | 24.33 2.03 0.00 N | 34.76 2.69 0.00 N | 43.08 3.14 0.00 N | 42.56 2.61 0.00 N | |
| NYPA____ASTORIA_CC2 323569 | 35.45 1.97 -5.08 N | 18.33 1.09 0.00 N | -15.28 -0.82 0.00 N | -61.19 -3.49 0.00 N | -7.01 -0.27 0.00 N | -244.07 -12.19 0.00 N | -308.49 -11.64 0.00 N | -156.65 -6.20 0.00 N | 28.77 1.84 0.00 N | 52.09 2.70 -16.44 N | 67.73 2.51 -36.02 N | 66.68 3.07 -29.44 N | 66.46 3.64 -23.28 N | 65.86 3.48 -25.55 N | 65.88 4.60 -16.53 N | 65.62 4.82 -17.12 N | 63.88 4.24 -20.66 N | 62.38 4.90 -11.93 N | 56.55 4.62 -7.79 N | 46.71 4.24 -1.90 N | 24.33 2.03 0.00 N | 34.76 2.69 0.00 N | 43.08 3.14 0.00 N | 42.56 2.61 0.00 N | |
| NYPA____HOLTSVILL 23794 | 70.17 2.36 -39.41 N | 63.34 1.23 -44.87 N | 16.47 -1.06 -32.00 N | -60.03 -4.17 -1.83 N | -7.08 -0.34 0.00 N | -246.00 -14.13 0.00 N | -310.97 -14.12 0.00 N | -154.25 -7.68 -3.87 N | 67.75 2.15 -38.67 N | 72.11 3.00 -36.15 N | 75.31 2.60 -43.52 N | 76.58 3.16 -39.26 N | 79.41 3.75 -36.12 N | 79.42 3.72 -38.88 N | 77.16 4.85 -27.55 N | 76.49 5.13 -27.69 N | 76.00 4.51 -32.50 N | 75.92 5.14 -25.24 N | 115.43 4.81 -66.47 N | 75.96 4.45 -30.93 N | 75.40 2.19 -50.91 N | 77.46 2.96 -42.42 N | 72.18 3.46 -28.77 N | 71.24 2.96 -28.34 N | |
| NYPA____HELLGATE_GT1 24158 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.19 -3.50 0.00 N | -6.98 -0.24 0.00 N | -243.87 -11.99 0.00 N | -307.66 -10.81 0.00 N | -156.27 -5.82 0.00 N | 28.78 1.86 0.00 N | 52.10 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.83 3.46 -25.55 N | 65.88 4.59 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.24 -20.66 N | 62.36 4.89 -11.93 N | 56.51 4.58 -7.79 N | 46.70 4.23 -1.90 N | 24.30 2.00 0.00 N | 34.73 2.66 0.00 N | 43.11 3.17 0.00 N | 42.58 2.63 0.00 N | |
| NYPA____HELLGATE_GT2 24159 | 35.39 1.91 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.19 -3.50 0.00 N | -6.98 -0.24 0.00 N | -243.87 -11.99 0.00 N | -307.66 -10.81 0.00 N | -156.27 -5.82 0.00 N | 28.78 1.86 0.00 N | 52.10 2.71 -16.44 N | 67.66 2.44 -36.02 N | 66.70 3.09 -29.44 N | 66.47 3.66 -23.28 N | 65.83 3.46 -25.55 N | 65.88 4.59 -16.53 N | 65.61 4.81 -17.12 N | 63.88 4.24 -20.66 N | 62.36 4.89 -11.93 N | 56.51 4.58 -7.79 N | 46.70 4.23 -1.90 N | 24.30 2.00 0.00 N | 34.73 2.66 0.00 N | 43.11 3.17 0.00 N | 42.58 2.63 0.00 N | |
| NYS_BARGE____HYD 23848 | 26.07 -2.33 0.00 N | 15.71 -1.52 0.00 N | -13.40 1.06 0.00 N | -53.25 4.43 0.00 N | -6.93 -0.19 0.00 N | -218.73 13.15 0.00 N | -288.61 8.24 0.00 N | -146.70 3.76 0.00 N | 24.22 -2.71 0.00 N | 29.70 -3.25 0.00 N | 26.47 -2.72 0.00 N | 30.71 -3.45 0.00 N | 35.66 -3.87 0.00 N | 33.16 -3.67 0.00 N | 40.42 -4.35 0.00 N | 40.69 -2.99 0.00 N | 36.34 -2.64 0.00 N | 42.00 -3.54 0.00 N | 40.84 -3.30 0.00 N | 37.09 -3.48 0.00 N | 20.79 -1.50 0.00 N | 30.14 -1.93 0.00 N | 37.03 -2.92 0.00 N | 37.24 -2.71 0.00 N | |
| O.H_GEN_BRUCE 24063 | 25.89 -2.51 0.00 N | 15.62 -1.61 0.00 N | -13.33 1.13 0.00 N | -52.95 4.74 0.00 N | -6.87 -0.13 0.00 N | -217.24 14.64 0.00 N | 14.98 -0.35 -9.98 N | -145.49 4.96 0.00 N | 24.02 -2.91 0.00 N | 29.40 -3.56 0.00 N | 26.18 -3.02 0.00 N | 30.34 -3.82 0.00 N | 35.18 -4.35 0.00 N | 32.72 -4.11 0.00 N | 39.82 -4.94 0.00 N | 40.10 -3.57 0.00 N | 35.84 -3.14 0.00 N | 41.43 -4.11 0.00 N | 40.31 -3.84 0.00 N | 36.61 -3.96 0.00 N | 34.00 -3.23 -8.08 N | 29.79 -2.28 0.00 N | 36.65 -3.30 0.00 N | 34.76 -3.89 -0.93 N | |
| OAK ORCHARD____HYD 24046 | 27.05 -1.35 0.00 N | 16.32 -0.91 0.00 N | -13.81 0.66 0.00 N | -54.88 2.81 0.00 N | -6.83 -0.09 0.00 N | -222.99 8.88 0.00 N | -290.19 6.66 0.00 N | -147.69 2.76 0.00 N | 25.38 -1.55 0.00 N | 31.24 -1.71 0.00 N | 27.83 -1.36 0.00 N | 32.44 -1.72 0.00 N | 37.63 -1.90 0.00 N | 35.06 -1.77 0.00 N | 42.65 -2.11 0.00 N | 42.43 -1.25 0.00 N | 37.93 -1.05 0.00 N | 43.96 -1.58 0.00 N | 42.68 -1.46 0.00 N | 38.94 -1.63 0.00 N | 21.64 -0.66 0.00 N | 31.27 -0.80 0.00 N | 38.57 -1.38 0.00 N | 38.57 -1.38 0.00 N | |
| OCC_CHEM____DRP 24175 | 26.12 -2.27 0.00 N | 15.74 -1.49 0.00 N | -13.43 1.03 0.00 N | -53.35 4.34 0.00 N | -6.97 -0.23 0.00 N | -219.15 12.73 0.00 N | -288.96 7.89 0.00 N | -147.02 3.43 0.00 N | 24.22 -2.70 0.00 N | 29.66 -3.30 0.00 N | 26.43 -2.76 0.00 N | 30.63 -3.53 0.00 N | 35.53 -4.00 0.00 N | 33.04 -3.79 0.00 N | 40.24 -4.52 0.00 N | 40.53 -3.15 0.00 N | 36.22 -2.76 0.00 N | 41.86 -3.68 0.00 N | 40.72 -3.43 0.00 N | 36.97 -3.61 0.00 N | 20.75 -1.56 0.00 N | 30.11 -1.96 0.00 N | 37.01 -2.93 0.00 N | 37.29 -2.66 0.00 N | |
| OLIN_CORP_DRP 24177 | 26.02 -2.38 0.00 N | 15.69 -1.54 0.00 N | -13.39 1.08 0.00 N | -53.18 4.51 0.00 N | -6.92 -0.18 0.00 N | -218.39 13.49 0.00 N | -287.96 8.90 0.00 N | -146.44 4.00 0.00 N | 24.14 -2.79 0.00 N | 29.57 -3.39 0.00 N | 26.34 -2.86 0.00 N | 30.54 -3.62 0.00 N | 35.42 -4.11 0.00 N | 32.94 -3.88 0.00 N | 40.13 -4.63 0.00 N | 40.42 -3.26 0.00 N | 36.11 -2.87 0.00 N | 41.74 -3.81 0.00 N | 40.60 -3.54 0.00 N | 36.87 -3.70 0.00 N | 20.69 -1.61 0.00 N | 30.01 -2.06 0.00 N | 36.89 -3.05 0.00 N | 37.15 -2.79 0.00 N | |
| ONONDAGA_REF_OCCRA 23987 | 27.99 -0.41 0.00 N | 16.94 -0.29 0.00 N | -14.24 0.23 0.00 N | -56.71 0.98 0.00 N | -6.72 0.02 0.00 N | -228.18 3.70 0.00 N | -293.40 3.45 0.00 N | -148.80 1.65 0.00 N | 26.41 -0.51 0.00 N | 32.41 -0.54 0.00 N | 28.85 -0.34 0.00 N | 33.78 -0.38 0.00 N | 39.17 -0.36 0.00 N | 36.51 -0.32 0.00 N | 44.44 -0.32 0.00 N | 43.63 -0.05 0.00 N | 38.94 -0.04 0.00 N | 45.42 -0.13 0.00 N | 44.03 -0.11 0.00 N | 40.38 -0.19 0.00 N | 22.25 -0.05 0.00 N | 31.95 -0.12 0.00 N | 39.60 -0.35 0.00 N | 39.51 -0.44 0.00 N | |
| ONONDAGA____COGEN 23986 | 28.08 -0.32 0.00 N | 16.98 -0.25 0.00 N | -14.27 0.20 0.00 N | -56.81 0.88 0.00 N | -6.73 0.01 0.00 N | -228.75 3.12 0.00 N | -294.19 2.66 0.00 N | -149.20 1.25 0.00 N | 26.48 -0.44 0.00 N | 32.50 -0.46 0.00 N | 28.94 -0.25 0.00 N | 33.90 -0.26 0.00 N | 39.32 -0.22 0.00 N | 36.65 -0.18 0.00 N | 44.61 -0.15 0.00 N | 43.81 0.13 0.00 N | 39.11 0.13 0.00 N | 45.62 0.07 0.00 N | 44.23 0.08 0.00 N | 40.55 -0.02 0.00 N | 22.34 0.03 0.00 N | 32.10 0.02 0.00 N | 39.78 -0.16 0.00 N | 39.68 -0.26 0.00 N | |
| ONTARIO____LFGE | 27.23 | 16.44 | -13.89 | -55.25 | -6.74 | -224.33 | -292.41 | -147.76 | 25.63 | 31.60 | 28.21 | 33.01 | 38.24 | 35.69 | 43.47 | 43.01 | 38.31 | 44.60 | 43.23 | 39.66 | 22.01 | 31.59 | 38.79 | 38.45 | |

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| 23819 | -1.16 0.00 N | -0.79 0.00 N | 0.57 0.00 N | 2.44 0.00 N | 0.00 0.00 N | 7.55 0.00 N | 4.44 0.00 N | 2.69 0.00 N | -1.30 0.00 N | -1.36 0.00 N | -0.98 0.00 N | -1.15 0.00 N | -1.30 0.00 N | -1.14 0.00 N | -1.30 0.00 N | -0.67 0.00 N | -0.67 0.00 N | -0.94 0.00 N | -0.91 0.00 N | -0.91 0.00 N | -0.29 0.00 N | -0.48 0.00 N | -1.16 0.00 N | -1.50 0.00 N |
| OSWEGATCHIE___HYD 24044 | 27.11 -1.29 0.00 N | 16.45 -0.78 0.00 N | -13.75 0.72 0.00 N | -54.85 2.85 0.00 N | -6.40 0.34 0.00 N | -221.24 10.64 0.00 N | -283.54 13.31 0.00 N | -144.25 6.20 0.00 N | 26.09 -0.84 0.00 N | 31.85 -1.11 0.00 N | 28.09 -1.11 0.00 N | 32.81 -1.36 0.00 N | 37.96 -1.58 0.00 N | 35.27 -1.56 0.00 N | 42.57 -2.19 0.00 N | 41.19 -2.49 0.00 N | 36.67 -2.31 0.00 N | 42.87 -2.67 0.00 N | 41.60 -2.54 0.00 N | 38.21 -2.36 0.00 N | 21.09 -1.22 0.00 N | 30.46 -1.61 0.00 N | 37.96 -1.98 0.00 N | 38.24 -1.71 0.00 N |
| OSWEGO___5 23606 | 27.62 -0.77 0.00 N | 16.73 -0.50 0.00 N | -14.06 0.40 0.00 N | -56.04 1.65 0.00 N | -6.63 0.11 0.00 N | -225.69 6.19 0.00 N | -290.00 6.85 0.00 N | -146.99 3.46 0.00 N | 26.05 -0.88 0.00 N | 31.93 -1.02 0.00 N | 28.36 -0.82 0.00 N | 33.20 -0.96 0.00 N | 38.46 -1.08 0.00 N | 35.83 -0.99 0.00 N | 43.58 -1.17 0.00 N | 42.75 -0.92 0.00 N | 38.16 -0.82 0.00 N | 44.49 -1.05 0.00 N | 43.15 -0.99 0.00 N | 39.59 -0.98 0.00 N | 21.79 -0.51 0.00 N | 31.34 -0.73 0.00 N | 38.95 -0.99 0.00 N | 38.97 -0.98 0.00 N |
| OSWEGO___6 23613 | 27.62 -0.77 0.00 N | 16.73 -0.50 0.00 N | -14.06 0.40 0.00 N | -56.04 1.65 0.00 N | -6.63 0.11 0.00 N | -225.69 6.19 0.00 N | -290.00 6.85 0.00 N | -146.99 3.46 0.00 N | 26.05 -0.88 0.00 N | 31.93 -1.02 0.00 N | 28.36 -0.82 0.00 N | 33.20 -0.96 0.00 N | 38.46 -1.08 0.00 N | 35.83 -0.99 0.00 N | 43.58 -1.17 0.00 N | 42.75 -0.92 0.00 N | 38.16 -0.82 0.00 N | 44.49 -1.05 0.00 N | 43.15 -0.99 0.00 N | 39.59 -0.98 0.00 N | 21.79 -0.51 0.00 N | 31.34 -0.73 0.00 N | 38.95 -0.99 0.00 N | 38.97 -0.98 0.00 N |
| OUTOKUMPU-AB___DRP 24206 | 26.34 -2.06 0.00 N | 15.88 -1.36 0.00 N | -13.55 0.91 0.00 N | -53.77 3.92 0.00 N | -6.99 -0.25 0.00 N | -221.03 10.85 0.00 N | -291.90 4.95 0.00 N | -148.27 2.18 0.00 N | 24.50 -2.42 0.00 N | 30.09 -2.86 0.00 N | 26.82 -2.37 0.00 N | 31.16 -3.01 0.00 N | 36.18 -3.35 0.00 N | 33.65 -3.18 0.00 N | 41.05 -3.71 0.00 N | 41.31 -2.37 0.00 N | 36.86 -2.13 0.00 N | 42.64 -2.91 0.00 N | 41.44 -2.70 0.00 N | 37.62 -2.95 0.00 N | 21.07 -1.23 0.00 N | 30.54 -1.53 0.00 N | 37.50 -2.45 0.00 N | 37.65 -2.30 0.00 N |
| OXBOW___ 24026 | 26.28 -2.12 0.00 N | 15.84 -1.39 0.00 N | -13.50 0.96 0.00 N | -53.66 4.03 0.00 N | -6.98 -0.23 0.00 N | -220.47 11.41 0.00 N | -290.95 5.90 0.00 N | -147.87 2.58 0.00 N | 24.41 -2.52 0.00 N | 29.94 -3.01 0.00 N | 26.69 -2.51 0.00 N | 30.97 -3.19 0.00 N | 35.94 -3.59 0.00 N | 33.42 -3.40 0.00 N | 40.75 -4.01 0.00 N | 41.03 -2.65 0.00 N | 36.63 -2.35 0.00 N | 42.36 -3.19 0.00 N | 41.19 -2.95 0.00 N | 37.39 -3.18 0.00 N | 20.96 -1.34 0.00 N | 30.40 -1.68 0.00 N | 37.35 -2.60 0.00 N | 37.55 -2.40 0.00 N |
| PEEKSKILL___ 23653 | 29.90 1.50 0.00 N | 18.04 0.81 0.00 N | -15.06 -0.59 0.00 N | -60.26 -2.57 0.00 N | -6.90 -0.16 0.00 N | -240.63 -8.75 0.00 N | -305.01 -8.16 0.00 N | -155.28 -4.83 0.00 N | 28.39 1.46 0.00 N | 35.15 2.19 0.00 N | 31.31 2.12 0.00 N | 36.77 2.61 0.00 N | 42.65 3.12 0.00 N | 39.85 3.03 0.00 N | 48.80 4.04 0.00 N | 47.97 4.29 0.00 N | 42.79 3.81 0.00 N | 49.89 4.35 0.00 N | 48.21 4.07 0.00 N | 44.30 3.73 0.00 N | 24.07 1.77 0.00 N | 34.41 2.34 0.00 N | 42.61 2.66 0.00 N | 42.07 2.12 0.00 N |
| PGE MADISON___WINDPWR 24146 | 28.99 0.59 0.00 N | 17.49 0.26 0.00 N | -14.75 -0.28 0.00 N | -58.64 -0.95 0.00 N | -6.97 -0.24 0.00 N | -236.58 -4.70 0.00 N | -307.61 -10.76 0.00 N | -155.77 -5.32 0.00 N | 27.53 0.60 0.00 N | 34.00 1.05 0.00 N | 30.43 1.24 0.00 N | 35.58 1.41 0.00 N | 41.33 1.79 0.00 N | 38.51 1.68 0.00 N | 47.01 2.25 0.00 N | 46.28 2.60 0.00 N | 41.19 2.21 0.00 N | 48.11 2.56 0.00 N | 46.56 2.42 0.00 N | 42.62 2.04 0.00 N | 23.66 1.36 0.00 N | 33.73 1.66 0.00 N | 41.25 1.30 0.00 N | 40.73 0.77 0.00 N |
| PIERCEFIELD___HYD 23852 | 26.99 -1.41 0.00 N | 16.46 -0.77 0.00 N | -13.73 0.73 0.00 N | -54.74 2.95 0.00 N | -6.38 0.36 0.00 N | -221.27 10.60 0.00 N | -283.53 13.32 0.00 N | -144.23 6.22 0.00 N | 26.03 -0.89 0.00 N | 31.61 -1.35 0.00 N | 27.74 -1.45 0.00 N | 32.31 -1.85 0.00 N | 37.31 -2.22 0.00 N | 34.63 -2.19 0.00 N | 41.77 -2.99 0.00 N | 40.22 -3.46 0.00 N | 35.70 -3.28 0.00 N | 41.84 -3.71 0.00 N | 40.67 -3.46 0.00 N | 37.41 -3.16 0.00 N | 20.72 -1.59 0.00 N | 30.02 -2.05 0.00 N | 37.57 -2.38 0.00 N | 38.09 -1.86 0.00 N |
| PINELAWN_CC_1 323563 | 70.20 2.39 -39.41 N | 63.49 1.29 -44.97 N | 16.51 -1.04 -32.01 N | -59.73 -4.15 -2.11 N | -7.12 -0.38 0.00 N | -246.38 -14.50 0.00 N | -311.56 -14.71 0.00 N | -154.58 -8.01 -3.87 N | 67.83 2.23 -38.67 N | 72.18 3.05 -36.17 N | 75.47 2.76 -43.52 N | 76.80 3.35 -39.28 N | 80.88 3.98 -37.36 N | 79.62 3.90 -38.88 N | 78.17 5.05 -28.35 N | 76.66 5.30 -27.69 N | 76.16 4.68 -32.50 N | 76.11 5.33 -25.24 N | 115.64 5.03 -66.47 N | 76.16 4.65 -30.93 N | 75.50 2.29 -50.91 N | 77.60 3.10 -42.42 N | 72.35 3.64 -28.77 N | 71.37 3.09 -28.34 N |
| PJM_GEN_KEystone 24065 | 25.79 -2.61 0.00 N | 15.49 -1.74 0.00 N | -13.29 1.17 0.00 N | -52.73 4.96 0.00 N | -6.61 0.13 0.00 N | -218.23 13.64 0.00 N | 15.00 -0.33 -9.98 N | -145.34 5.11 0.00 N | 19.00 -2.01 2.15 N | 35.00 -1.98 -3.60 N | 27.18 -2.02 0.00 N | 32.07 -2.09 0.00 N | 37.85 -1.68 0.00 N | 35.40 -1.43 0.00 N | 43.93 -0.83 0.00 N | 51.00 1.58 -5.00 N | 53.00 -0.40 -9.01 N | 58.25 -1.00 -7.24 N | 52.25 -1.23 -6.97 N | 50.00 -1.02 -9.59 N | 35.15 -2.08 -8.08 N | 30.87 -1.20 0.00 N | 37.77 -2.17 0.00 N | 34.53 -4.11 -0.93 N |
| PLEASANTVLY___LBMP 24000 | 29.85 1.45 0.00 N | 18.04 0.81 0.00 N | -15.09 -0.62 0.00 N | -60.38 -2.69 0.00 N | -6.90 -0.16 0.00 N | -240.88 -9.01 0.00 N | -305.25 -8.39 0.00 N | -155.15 -4.71 0.00 N | 28.29 1.36 0.00 N | 34.98 2.03 0.00 N | 31.18 1.98 0.00 N | 36.61 2.45 0.00 N | 42.43 2.89 0.00 N | 39.61 2.79 0.00 N | 48.46 3.70 0.00 N | 47.57 3.89 0.00 N | 42.41 3.43 0.00 N | 49.47 3.93 0.00 N | 47.83 3.69 0.00 N | 43.97 3.40 0.00 N | 23.91 1.61 0.00 N | 34.21 2.14 0.00 N | 42.41 2.47 0.00 N | 41.95 2.01 0.00 N |
| POLETTI___ 23519 | 35.31 1.87 -5.05 N | 18.26 1.03 0.00 N | -15.24 -0.78 0.00 N | -61.03 -3.34 0.00 N | -6.98 -0.24 0.00 N | -243.42 -11.54 0.00 N | -307.98 -11.13 0.00 N | -156.63 -6.18 0.00 N | 28.71 1.78 0.00 N | 51.87 2.62 -16.29 N | 67.43 2.50 -35.74 N | 66.45 3.07 -29.22 N | 66.30 3.66 -23.10 N | 65.69 3.50 -25.36 N | 65.61 4.59 -16.27 N | 65.29 4.79 -16.82 N | 63.52 4.23 -20.31 N | 62.14 4.88 -11.72 N | 56.37 4.58 -7.66 N | 46.62 4.18 -1.87 N | 24.31 2.02 0.00 N | 34.77 2.70 0.00 N | 43.08 3.14 0.00 N | 42.54 2.59 0.00 N |
| PORT_JEFF_3 23555 | 70.17 2.37 -39.41 N | 63.36 1.25 -44.87 N | 16.45 -1.09 -32.00 N | -60.18 -4.32 -1.83 N | -7.11 -0.37 0.00 N | -246.67 -14.79 0.00 N | -311.71 -14.86 0.00 N | -154.66 -8.08 -3.87 N | 67.75 2.16 -38.67 N | 72.09 2.98 -36.15 N | 75.27 2.56 -43.52 N | 76.54 3.12 -39.26 N | 79.36 3.71 -36.12 N | 79.39 3.68 -38.88 N | 77.13 4.82 -27.55 N | 76.47 5.11 -27.69 N | 75.97 4.48 -32.50 N | 75.87 5.09 -25.24 N | 115.37 4.75 -66.47 N | 75.89 4.39 -30.93 N | 75.36 2.16 -50.91 N | 77.42 2.92 -42.42 N | 72.10 3.39 -28.77 N | 71.15 2.87 -28.34 N |

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| PORT_JEFF_4 23616 | 70.17 2.37 -39.41 N | 63.36 1.25 -44.87 N | 16.45 -1.09 -32.00 N | -60.18 -4.32 -1.83 N | -7.11 -0.37 0.00 N | -246.67 -14.79 0.00 N | -311.71 -14.86 0.00 N | -154.66 -8.08 -3.87 N | 67.75 2.16 -38.67 N | 72.09 2.98 -36.15 N | 75.27 2.56 -43.52 N | 76.54 3.12 -39.26 N | 79.36 3.71 -36.12 N | 79.39 3.68 -38.88 N | 77.13 4.82 -27.55 N | 76.47 5.11 -27.69 N | 75.97 4.48 -32.50 N | 75.87 5.09 -25.24 N | 115.37 4.75 -66.47 N | 75.89 4.39 -30.93 N | 75.36 2.16 -50.91 N | 77.42 2.92 -42.42 N | 72.11 3.40 -28.77 N | 71.15 2.87 -28.34 N |
| PORT_JEFF_IC 23713 | 70.30 2.50 -39.41 N | 63.42 1.32 -44.87 N | 16.39 -1.14 -32.00 N | -60.36 -4.51 -1.84 N | -7.13 -0.39 0.00 N | -247.37 -15.49 0.00 N | -312.68 -15.82 0.00 N | -155.14 -8.56 -3.87 N | 67.87 2.28 -38.67 N | 72.26 3.15 -36.15 N | 75.44 2.73 -43.52 N | 76.75 3.32 -39.26 N | 79.72 3.97 -36.21 N | 79.64 3.93 -38.88 N | 77.51 5.14 -27.61 N | 76.78 5.41 -27.69 N | 76.24 4.76 -32.50 N | 76.19 5.41 -25.24 N | 115.67 5.05 -66.47 N | 76.16 4.66 -30.93 N | 75.51 2.31 -50.91 N | 77.62 3.12 -42.42 N | 72.36 3.65 -28.77 N | 71.38 3.09 -28.34 N |
| PPL PILGRIM_ST_GT1 24216 | 70.47 2.66 -39.41 N | 63.53 1.41 -44.89 N | 16.35 -1.19 -32.00 N | -60.50 -4.69 -1.88 N | -7.13 -0.39 0.00 N | -248.04 -16.17 0.00 N | -313.82 -16.97 0.00 N | -155.86 -9.29 -3.87 N | 68.02 2.43 -38.67 N | 72.31 3.20 -36.16 N | 75.56 2.85 -43.52 N | 76.91 3.48 -39.27 N | 80.00 4.15 -36.31 N | 79.77 4.06 -38.88 N | 77.48 5.05 -27.67 N | 76.67 5.31 -27.69 N | 76.16 4.68 -32.50 N | 76.11 5.33 -25.24 N | 115.62 5.00 -66.47 N | 76.13 4.62 -30.93 N | 75.51 2.30 -50.91 N | 77.70 3.20 -42.42 N | 72.52 3.81 -28.77 N | 71.76 3.47 -28.34 N |
| PPL PILGRIM_ST_GT2 24217 | 70.47 2.66 -39.41 N | 63.53 1.41 -44.89 N | 16.35 -1.19 -32.00 N | -60.50 -4.69 -1.88 N | -7.13 -0.39 0.00 N | -248.04 -16.17 0.00 N | -313.82 -16.97 0.00 N | -155.86 -9.29 -3.87 N | 68.02 2.43 -38.67 N | 72.31 3.20 -36.16 N | 75.56 2.85 -43.52 N | 76.91 3.48 -39.27 N | 80.00 4.15 -36.31 N | 79.77 4.06 -38.88 N | 77.48 5.05 -27.67 N | 76.67 5.31 -27.69 N | 76.16 4.68 -32.50 N | 76.11 5.33 -25.24 N | 115.62 5.00 -66.47 N | 76.13 4.62 -30.93 N | 75.51 2.30 -50.91 N | 77.70 3.20 -42.42 N | 72.52 3.81 -28.77 N | 71.76 3.47 -28.34 N |
| PPL_SHRM_GT3 24213 | 70.29 2.48 -39.41 N | 63.35 1.24 -44.87 N | 16.45 -1.08 -32.00 N | -60.16 -4.30 -1.83 N | -7.11 -0.37 0.00 N | -246.91 -15.03 0.00 N | -311.58 -14.73 0.00 N | -154.23 -7.66 -3.87 N | 67.81 2.22 -38.67 N | 72.21 3.10 -36.15 N | 75.42 2.71 -43.52 N | 76.73 3.31 -39.26 N | 79.60 3.95 -36.12 N | 79.63 3.92 -38.88 N | 77.44 5.13 -27.55 N | 76.78 5.41 -27.69 N | 76.24 4.75 -32.50 N | 76.18 5.40 -25.24 N | 115.65 5.03 -66.47 N | 76.12 4.62 -30.93 N | 75.49 2.28 -50.91 N | 77.59 3.10 -42.42 N | 72.30 3.58 -28.77 N | 71.32 3.04 -28.34 N |
| PPL_SHRM_GT4 24214 | 70.29 2.48 -39.41 N | 63.35 1.24 -44.87 N | 16.45 -1.08 -32.00 N | -60.16 -4.30 -1.83 N | -7.11 -0.37 0.00 N | -246.91 -15.03 0.00 N | -311.58 -14.73 0.00 N | -154.23 -7.66 -3.87 N | 67.81 2.22 -38.67 N | 72.21 3.10 -36.15 N | 75.42 2.71 -43.52 N | 76.73 3.31 -39.26 N | 79.60 3.95 -36.12 N | 79.63 3.92 -38.88 N | 77.44 5.13 -27.55 N | 76.78 5.41 -27.69 N | 76.24 4.75 -32.50 N | 76.18 5.40 -25.24 N | 115.65 5.03 -66.47 N | 76.12 4.62 -30.93 N | 75.49 2.28 -50.91 N | 77.59 3.10 -42.42 N | 72.30 3.58 -28.77 N | 71.32 3.04 -28.34 N |
| PROJECT___ORANGE 1 24174 | 27.84 -0.56 0.00 N | 16.85 -0.38 0.00 N | -14.17 0.30 0.00 N | -56.45 1.25 0.00 N | -6.70 0.04 0.00 N | -227.36 4.52 0.00 N | -292.61 4.25 0.00 N | -148.35 2.10 0.00 N | 26.26 -0.67 0.00 N | 32.24 -0.71 0.00 N | 28.69 -0.50 0.00 N | 33.60 -0.56 0.00 N | 38.97 -0.57 0.00 N | 36.32 -0.50 0.00 N | 44.22 -0.54 0.00 N | 43.46 -0.22 0.00 N | 38.78 -0.20 0.00 N | 45.21 -0.33 0.00 N | 43.82 -0.32 0.00 N | 40.18 -0.39 0.00 N | 22.12 -0.18 0.00 N | 31.79 -0.28 0.00 N | 39.42 -0.52 0.00 N | 39.35 -0.60 0.00 N |
| PROJECT___ORANGE 2 24166 | 27.84 -0.56 0.00 N | 16.85 -0.38 0.00 N | -14.17 0.30 0.00 N | -56.45 1.25 0.00 N | -6.70 0.04 0.00 N | -227.36 4.52 0.00 N | -292.61 4.25 0.00 N | -148.35 2.10 0.00 N | 26.26 -0.67 0.00 N | 32.24 -0.71 0.00 N | 28.69 -0.50 0.00 N | 33.60 -0.56 0.00 N | 38.97 -0.57 0.00 N | 36.32 -0.50 0.00 N | 44.22 -0.54 0.00 N | 43.46 -0.22 0.00 N | 38.78 -0.20 0.00 N | 45.21 -0.33 0.00 N | 43.82 -0.32 0.00 N | 40.18 -0.39 0.00 N | 22.12 -0.18 0.00 N | 31.79 -0.28 0.00 N | 39.42 -0.52 0.00 N | 39.35 -0.60 0.00 N |
| PYRITES___HYD 24023 | 27.66 -0.74 0.00 N | 16.84 -0.39 0.00 N | -14.05 0.41 0.00 N | -56.00 1.70 0.00 N | -6.54 0.20 0.00 N | -226.38 5.50 0.00 N | -290.65 6.20 0.00 N | -147.86 2.59 0.00 N | 26.70 -0.23 0.00 N | 32.49 -0.47 0.00 N | 28.54 -0.65 0.00 N | 33.26 -0.90 0.00 N | 38.43 -1.10 0.00 N | 35.67 -1.16 0.00 N | 43.03 -1.73 0.00 N | 41.48 -2.20 0.00 N | 36.81 -2.17 0.00 N | 43.15 -2.39 0.00 N | 41.93 -2.21 0.00 N | 38.55 -2.03 0.00 N | 21.34 -0.96 0.00 N | 30.92 -1.15 0.00 N | 38.64 -1.30 0.00 N | 39.06 -0.89 0.00 N |
| RAMAPO___LBMP 323565 | 29.86 1.46 0.00 N | 18.01 0.77 0.00 N | -15.01 -0.55 0.00 N | -60.15 -2.46 0.00 N | -6.89 -0.15 0.00 N | -240.25 -8.37 0.00 N | -304.81 -7.96 0.00 N | -155.33 -4.88 0.00 N | 28.38 1.45 0.00 N | 35.14 2.18 0.00 N | 31.28 2.09 0.00 N | 36.73 2.57 0.00 N | 42.64 3.10 0.00 N | 39.84 3.02 0.00 N | 48.82 4.07 0.00 N | 48.04 4.36 0.00 N | 42.84 3.86 0.00 N | 49.95 4.41 0.00 N | 48.26 4.12 0.00 N | 44.34 3.76 0.00 N | 24.09 1.79 0.00 N | 34.42 2.35 0.00 N | 42.59 2.65 0.00 N | 42.04 2.09 0.00 N |
| RANKINE____ 23646 | 26.05 -2.35 0.00 N | 15.69 -1.55 0.00 N | -13.39 1.07 0.00 N | -53.20 4.49 0.00 N | -6.88 -0.15 0.00 N | -218.63 13.25 0.00 N | -289.34 7.51 0.00 N | -146.56 3.88 0.00 N | 24.24 -2.68 0.00 N | 29.82 -3.13 0.00 N | 26.59 -2.61 0.00 N | 30.94 -3.22 0.00 N | 36.01 -3.52 0.00 N | 33.52 -3.30 0.00 N | 40.97 -3.79 0.00 N | 41.17 -2.51 0.00 N | 36.68 -2.30 0.00 N | 42.49 -3.06 0.00 N | 41.27 -2.87 0.00 N | 37.50 -3.07 0.00 N | 20.96 -1.34 0.00 N | 30.29 -1.78 0.00 N | 37.19 -2.76 0.00 N | 37.21 -2.74 0.00 N |
| RAVENSWOOD_GT2_1 24244 | 35.36 1.88 -5.08 N | 18.27 1.04 0.00 N | -15.24 -0.78 0.00 N | -61.07 -3.38 0.00 N | -6.97 -0.23 0.00 N | -243.52 -11.64 0.00 N | -308.13 -11.28 0.00 N | -156.66 -6.21 0.00 N | 28.72 1.80 0.00 N | 52.03 2.63 -16.44 N | 67.72 2.51 -36.02 N | 66.66 3.06 -29.44 N | 66.44 3.63 -23.28 N | 65.87 3.49 -25.55 N | 65.88 4.59 -16.53 N | 65.62 4.82 -17.12 N | 63.89 4.26 -20.66 N | 62.36 4.89 -11.93 N | 56.52 4.59 -7.79 N | 46.67 4.20 -1.90 N | 24.32 2.02 0.00 N | 34.76 2.69 0.00 N | 43.05 3.11 0.00 N | 42.54 2.59 0.00 N |
| RAVENSWOOD_GT2_2 24245 | 35.36 1.88 -5.08 N | 18.27 1.04 0.00 N | -15.24 -0.78 0.00 N | -61.07 -3.38 0.00 N | -6.97 -0.23 0.00 N | -243.52 -11.64 0.00 N | -308.13 -11.28 0.00 N | -156.66 -6.21 0.00 N | 28.72 1.80 0.00 N | 52.03 2.63 -16.44 N | 67.72 2.51 -36.02 N | 66.66 3.06 -29.44 N | 66.44 3.63 -23.28 N | 65.87 3.49 -25.55 N | 65.88 4.59 -16.53 N | 65.62 4.82 -17.12 N | 63.89 4.26 -20.66 N | 62.36 4.89 -11.93 N | 56.52 4.59 -7.79 N | 46.67 4.20 -1.90 N | 24.32 2.02 0.00 N | 34.76 2.69 0.00 N | 43.05 3.11 0.00 N | 42.54 2.59 0.00 N |
| RAVENSWOOD_GT2_3 24246 | 35.38 1.90 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.09 -3.40 0.00 N | -6.99 -0.25 0.00 N | -243.69 -11.81 0.00 N | -308.39 -11.54 0.00 N | -156.78 -6.33 0.00 N | 28.75 1.82 0.00 N | 52.06 2.66 -16.44 N | 67.75 2.53 -36.02 N | 66.70 3.09 -29.44 N | 66.48 3.67 -23.28 N | 65.91 3.53 -25.55 N | 65.93 4.64 -16.53 N | 65.67 4.88 -17.12 N | 63.94 4.30 -20.66 N | 62.42 4.94 -11.93 N | 56.56 4.63 -7.79 N | 46.71 4.24 -1.90 N | 24.34 2.04 0.00 N | 34.78 2.71 0.00 N | 43.07 3.13 0.00 N | 42.56 2.61 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---|-----------------------------|----------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|-------------------------------|----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|---|
| RAVENSWOOD_GT2_4 24247 | 35.38 1.90 -5.08 N | 18.28 1.05 0.00 N | -15.25 -0.79 0.00 N | -61.09 -3.40 0.00 N | -6.99 -0.25 0.00 N | -243.69 -11.81 0.00 N | -308.39 -11.54 0.00 N | -156.78 -6.33 0.00 N | 28.75 1.82 0.00 N | 52.06 2.66 -16.44 N | 67.75 2.53 -36.02 N | 66.70 3.09 -29.44 N | 66.48 3.67 -23.28 N | 65.91 3.53 -25.55 N | 65.93 4.64 -16.53 N | 65.67 4.88 -17.12 N | 63.94 4.30 -20.66 N | 62.42 4.94 -11.93 N | 56.56 4.63 -7.79 N | 46.71 4.24 -1.90 N | 24.34 2.04 0.00 N | 34.78 2.71 0.00 N | 43.07 3.13 0.00 N | 42.56 2.61 0.00 N | |
| RAVENSWOOD_GT3_1 24248 | 35.36 1.88 -5.08 N | 18.27 1.04 0.00 N | -15.24 -0.78 0.00 N | -61.07 -3.38 0.00 N | -6.97 -0.23 0.00 N | -243.52 -11.64 0.00 N | -308.13 -11.28 0.00 N | -156.66 -6.21 0.00 N | 28.73 1.80 0.00 N | 52.03 2.63 -16.44 N | 67.72 2.51 -36.02 N | 66.67 3.06 -29.44 N | 66.44 3.63 -23.28 N | 65.87 3.49 -25.55 N | 65.88 4.59 -16.53 N | 65.62 4.82 -17.12 N | 63.89 4.26 -20.66 N | 62.36 4.89 -11.93 N | 56.52 4.59 -7.79 N | 46.67 4.20 -1.90 N | 24.32 2.02 0.00 N | 34.77 2.70 0.00 N | 43.07 3.13 0.00 N | 42.55 2.60 0.00 N | |
| RAVENSWOOD_GT3_2 24249 | 35.36 1.88 -5.08 N | 18.27 1.04 0.00 N | -15.24 -0.78 0.00 N | -61.07 -3.38 0.00 N | -6.97 -0.23 0.00 N | -243.52 -11.64 0.00 N | -308.13 -11.28 0.00 N | -156.66 -6.21 0.00 N | 28.73 1.80 0.00 N | 52.03 2.63 -16.44 N | 67.72 2.51 -36.02 N | 66.67 3.06 -29.44 N | 66.44 3.63 -23.28 N | 65.87 3.49 -25.55 N | 65.88 4.59 -16.53 N | 65.62 4.82 -17.12 N | 63.89 4.26 -20.66 N | 62.36 4.89 -11.93 N | 56.52 4.59 -7.79 N | 46.67 4.20 -1.90 N | 24.32 2.02 0.00 N | 34.77 2.70 0.00 N | 43.07 3.13 0.00 N | 42.55 2.60 0.00 N | |
| RAVENSWOOD_GT3_3 24250 | 35.41 1.93 -5.08 N | 18.30 1.07 0.00 N | -15.27 -0.81 0.00 N | -61.13 -3.44 0.00 N | -7.00 -0.26 0.00 N | -243.90 -12.02 0.00 N | -308.66 -11.81 0.00 N | -156.90 -6.45 0.00 N | 28.77 1.85 0.00 N | 52.10 2.70 -16.44 N | 67.78 2.57 -36.02 N | 66.73 3.13 -29.44 N | 66.53 3.71 -23.28 N | 65.94 3.57 -25.55 N | 65.98 4.69 -16.53 N | 65.73 4.93 -17.12 N | 63.98 4.35 -20.66 N | 62.47 5.00 -11.93 N | 56.62 4.69 -7.79 N | 46.76 4.29 -1.90 N | 24.37 2.06 0.00 N | 34.83 2.76 0.00 N | 43.15 3.21 0.00 N | 42.63 2.68 0.00 N | |
| RAVENSWOOD_GT3_4 24251 | 35.41 1.93 -5.08 N | 18.30 1.07 0.00 N | -15.27 -0.81 0.00 N | -61.13 -3.44 0.00 N | -7.00 -0.26 0.00 N | -243.90 -12.02 0.00 N | -308.66 -11.81 0.00 N | -156.90 -6.45 0.00 N | 28.77 1.85 0.00 N | 52.10 2.70 -16.44 N | 67.78 2.57 -36.02 N | 66.73 3.13 -29.44 N | 66.53 3.71 -23.28 N | 65.94 3.57 -25.55 N | 65.98 4.69 -16.53 N | 65.73 4.93 -17.12 N | 63.98 4.35 -20.66 N | 62.47 5.00 -11.93 N | 56.62 4.69 -7.79 N | 46.76 4.29 -1.90 N | 24.37 2.06 0.00 N | 34.83 2.76 0.00 N | 43.15 3.21 0.00 N | 42.63 2.68 0.00 N | |
| RAVENSWOOD_GT_1 23729 | 35.46 1.98 -5.08 N | 18.33 1.09 0.00 N | -15.28 -0.82 0.00 N | -61.19 -3.50 0.00 N | -7.00 -0.26 0.00 N | -244.12 -12.24 0.00 N | -308.70 -11.85 0.00 N | -156.78 -6.33 0.00 N | 28.79 1.86 0.00 N | 52.54 2.73 -16.86 N | 79.44 2.55 -47.70 N | 66.71 3.11 -29.44 N | 67.48 3.68 -24.27 N | 65.90 3.52 -25.56 N | 74.32 4.64 -24.92 N | 65.66 4.86 -17.12 N | 72.05 4.28 -28.79 N | 71.28 4.95 -20.80 N | 59.71 4.67 -10.90 N | 60.56 4.28 -15.70 N | 78.44 2.06 -54.07 N | 103.00 2.73 -68.20 N | 86.28 3.18 -43.16 N | 54.13 2.65 -11.52 N | |
| RAVENSWOOD_GT_10 24258 | 35.36 1.87 -5.08 N | 18.27 1.04 0.00 N | -15.24 -0.78 0.00 N | -61.07 -3.38 0.00 N | -6.98 -0.24 0.00 N | -243.51 -11.63 0.00 N | -308.13 -11.28 0.00 N | -156.66 -6.21 0.00 N | 28.72 1.79 0.00 N | 52.03 2.63 -16.44 N | 67.72 2.51 -36.02 N | 66.67 3.06 -29.44 N | 66.56 3.63 -23.39 N | 65.87 3.49 -25.56 N | 66.85 4.59 -17.50 N | 65.63 4.83 -17.12 N | 64.84 4.26 -21.59 N | 63.39 4.90 -12.95 N | 56.88 4.59 -8.15 N | 47.86 4.20 -3.09 N | 25.12 2.02 -0.79 N | 37.81 2.70 -3.04 N | 43.92 3.13 -0.85 N | 42.91 2.60 -0.36 N | |
| RAVENSWOOD_GT_11 24259 | 35.36 1.87 -5.08 N | 18.27 1.04 0.00 N | -15.24 -0.78 0.00 N | -61.07 -3.38 0.00 N | -6.98 -0.24 0.00 N | -243.51 -11.63 0.00 N | -308.13 -11.28 0.00 N | -156.66 -6.21 0.00 N | 28.72 1.79 0.00 N | 52.03 2.63 -16.44 N | 67.72 2.51 -36.02 N | 66.67 3.06 -29.44 N | 66.56 3.63 -23.39 N | 65.87 3.49 -25.56 N | 66.85 4.59 -17.50 N | 65.63 4.83 -17.12 N | 64.84 4.26 -21.59 N | 63.39 4.90 -12.95 N | 56.88 4.59 -8.15 N | 47.86 4.20 -3.09 N | 25.12 2.02 -0.79 N | 37.81 2.70 -3.04 N | 43.92 3.13 -0.85 N | 42.91 2.60 -0.36 N | |
| RAVENSWOOD_GT_4 24252 | 35.35 1.86 -5.08 N | 18.26 1.03 0.00 N | -15.24 -0.78 0.00 N | -61.03 -3.34 0.00 N | -6.98 -0.24 0.00 N | -243.44 -11.56 0.00 N | -308.09 -11.24 0.00 N | -156.66 -6.21 0.00 N | 28.72 1.79 0.00 N | 52.02 2.62 -16.44 N | 67.72 2.50 -36.02 N | 66.67 3.06 -29.44 N | 67.21 3.64 -24.03 N | 65.88 3.50 -25.56 N | 72.27 4.60 -22.91 N | 65.64 4.84 -17.12 N | 70.09 4.28 -26.83 N | 69.11 4.90 -18.66 N | 58.88 4.59 -10.15 N | 54.48 4.19 -9.71 N | 29.57 2.02 -5.25 N | 54.78 2.70 -20.02 N | 48.67 3.13 -5.59 N | 44.89 2.60 -2.34 N | |
| RAVENSWOOD_GT_5 24254 | 35.35 1.86 -5.08 N | 18.26 1.03 0.00 N | -15.24 -0.78 0.00 N | -61.03 -3.34 0.00 N | -6.98 -0.24 0.00 N | -243.44 -11.56 0.00 N | -308.09 -11.24 0.00 N | -156.66 -6.21 0.00 N | 28.72 1.79 0.00 N | 52.02 2.62 -16.44 N | 67.72 2.50 -36.02 N | 66.67 3.06 -29.44 N | 67.21 3.64 -24.03 N | 65.88 3.50 -25.56 N | 72.27 4.60 -22.91 N | 65.64 4.84 -17.12 N | 70.09 4.28 -26.83 N | 69.11 4.90 -18.66 N | 58.88 4.59 -10.15 N | 54.48 4.19 -9.71 N | 29.57 2.02 -5.25 N | 54.78 2.70 -20.02 N | 48.67 3.13 -5.59 N | 44.89 2.60 -2.34 N | |
| RAVENSWOOD_GT_6 24253 | 35.35 1.86 -5.08 N | 18.26 1.03 0.00 N | -15.24 -0.78 0.00 N | -61.03 -3.34 0.00 N | -6.98 -0.24 0.00 N | -243.44 -11.56 0.00 N | -308.09 -11.24 0.00 N | -156.66 -6.21 0.00 N | 28.72 1.79 0.00 N | 52.02 2.62 -16.44 N | 67.72 2.50 -36.02 N | 66.67 3.06 -29.44 N | 67.21 3.64 -24.03 N | 65.88 3.50 -25.56 N | 72.27 4.60 -22.91 N | 65.64 4.84 -17.12 N | 70.09 4.28 -26.83 N | 69.11 4.90 -18.66 N | 58.88 4.59 -10.15 N | 54.48 4.19 -9.71 N | 29.57 2.02 -5.25 N | 54.78 2.70 -20.02 N | 48.67 3.13 -5.59 N | 44.89 2.60 -2.34 N | |
| RAVENSWOOD_GT_7 24255 | 35.35 1.86 -5.08 N | 18.26 1.03 0.00 N | -15.24 -0.78 0.00 N | -61.03 -3.34 0.00 N | -6.98 -0.24 0.00 N | -243.44 -11.56 0.00 N | -308.09 -11.24 0.00 N | -156.66 -6.21 0.00 N | 28.72 1.79 0.00 N | 52.02 2.62 -16.44 N | 67.72 2.50 -36.02 N | 66.67 3.06 -29.44 N | 67.21 3.64 -24.03 N | 65.88 3.50 -25.56 N | 72.27 4.60 -22.91 N | 65.64 4.84 -17.12 N | 70.09 4.28 -26.83 N | 69.11 4.90 -18.66 N | 58.88 4.59 -10.15 N | 54.48 4.19 -9.71 N | 29.57 2.02 -5.25 N | 54.78 2.70 -20.02 N | 48.67 3.13 -5.59 N | 44.89 2.60 -2.34 N | |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 35.36 1.87 -5.08 N | 18.27 1.04 0.00 N | -15.24 -0.78 0.00 N | -61.07 -3.38 0.00 N | -6.98 -0.24 0.00 N | -243.51 -11.63 0.00 N | -308.13 -11.28 0.00 N | -156.66 -6.21 0.00 N | 28.72 1.79 0.00 N | 52.03 2.63 -16.44 N | 67.72 2.51 -36.02 N | 66.67 3.06 -29.44 N | 66.56 3.63 -23.39 N | 65.87 3.49 -25.56 N | 66.85 4.59 -17.50 N | 65.63 4.83 -17.12 N | 64.84 4.26 -21.59 N | 63.39 4.90 -12.95 N | 56.88 4.59 -8.15 N | 47.86 4.20 -3.09 N | 25.12 2.02 -0.79 N | 37.81 2.70 -3.04 N | 43.92 3.13 -0.85 N | 42.91 2.60 -0.36 N | |
| RAVENSWOOD_GT_9 | 35.36 | 18.27 | -15.24 | -61.07 | -6.98 | -243.51 | -308.13 | -156.66 | 28.72 | 52.03 | 67.72 | 66.67 | 66.56 | 65.87 | 66.85 | 65.63 | 64.84 | 63.39 | 56.88 | 47.86 | 25.12 | 37.81 | 43.92 | 42.91 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|-------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|
| 24257 | 1.87 -5.08 N | 1.04 0.00 N | -0.78 0.00 N | -3.38 0.00 N | -0.24 0.00 N | -11.63 0.00 N | -11.28 0.00 N | -6.21 0.00 N | 1.79 0.00 N | 2.63 -16.44 N | 2.51 -36.02 N | 3.06 -29.44 N | 3.63 -23.39 N | 3.49 -25.56 N | 4.59 -17.50 N | 4.83 -17.12 N | 4.26 -21.59 N | 4.90 -12.95 N | 4.59 -8.15 N | 4.20 -3.09 N | 2.02 -0.79 N | 2.70 -3.04 N | 3.13 -0.85 N | 2.60 -0.36 N |
| RAVENSWOOD___1 23533 | 35.45 1.97 -5.08 N | 18.33 1.09 0.00 N | -15.28 -0.82 0.00 N | -61.19 -3.50 0.00 N | -6.99 -0.25 0.00 N | -244.05 -12.17 0.00 N | -308.58 -11.73 0.00 N | -156.73 -6.28 0.00 N | 28.78 1.85 0.00 N | 52.53 2.71 -16.86 N | 79.42 2.54 -47.68 N | 66.69 3.08 -29.44 N | 66.47 3.66 -23.39 N | 65.87 3.49 -25.55 N | 65.89 4.60 -16.53 N | 65.63 4.83 -17.12 N | 63.89 4.26 -20.66 N | 62.40 4.93 -11.93 N | 56.57 4.64 -7.79 N | 50.25 4.26 -5.41 N | 71.45 2.04 -47.11 N | 76.59 2.71 -41.81 N | 78.87 3.16 -35.76 N | 51.03 2.64 -8.44 N |
| RAVENSWOOD___2 23534 | 35.39 1.91 -5.08 N | 18.29 1.06 0.00 N | -15.25 -0.79 0.00 N | -61.07 -3.38 0.00 N | -6.99 -0.25 0.00 N | -243.57 -11.69 0.00 N | -307.90 -11.05 0.00 N | -156.40 -5.95 0.00 N | 28.72 1.79 0.00 N | 52.46 2.64 -16.86 N | 79.37 2.50 -47.68 N | 66.57 2.96 -29.44 N | 66.25 3.44 -23.28 N | 65.66 3.28 -25.55 N | 65.63 4.34 -16.53 N | 65.39 4.59 -17.12 N | 63.68 4.05 -20.66 N | 62.21 4.74 -11.93 N | 56.47 4.54 -7.79 N | 50.16 4.17 -5.41 N | 71.40 1.99 -47.11 N | 76.48 2.60 -41.81 N | 78.78 3.08 -35.76 N | 50.95 2.55 -8.44 N |
| RAVENSWOOD___3 23535 | 35.37 1.88 -5.08 N | 18.27 1.04 0.00 N | -15.24 -0.78 0.00 N | -61.07 -3.38 0.00 N | -6.97 -0.23 0.00 N | -243.52 -11.64 0.00 N | -308.13 -11.28 0.00 N | -156.66 -6.21 0.00 N | 28.73 1.80 0.00 N | 52.03 2.63 -16.44 N | 67.72 2.51 -36.02 N | 66.67 3.06 -29.44 N | 66.44 3.63 -23.28 N | 65.87 3.49 -25.55 N | 65.88 4.59 -16.53 N | 65.62 4.82 -17.12 N | 63.90 4.26 -20.66 N | 62.37 4.90 -11.93 N | 56.52 4.59 -7.79 N | 46.67 4.20 -1.90 N | 24.32 2.02 0.00 N | 34.77 2.70 0.00 N | 43.07 3.13 0.00 N | 42.56 2.60 0.00 N |
| RAVENSWOOD___4 23820 | 35.43 1.95 -5.08 N | 18.31 1.08 0.00 N | -15.29 -0.82 0.00 N | -61.19 -3.50 0.00 N | -6.99 -0.25 0.00 N | -244.00 -12.12 0.00 N | -308.47 -11.61 0.00 N | -156.63 -6.18 0.00 N | 28.76 1.83 0.00 N | 52.51 2.70 -16.86 N | 79.40 2.52 -47.68 N | 66.67 3.07 -29.44 N | 65.47 3.63 -22.30 N | 65.85 3.48 -25.55 N | 57.63 4.57 -8.30 N | 65.61 4.81 -17.12 N | 55.90 4.24 -12.68 N | 53.68 4.91 -3.23 N | 53.50 4.62 -4.74 N | 40.14 4.24 4.68 N | 64.67 2.04 -40.33 N | 50.72 2.69 -15.96 N | 71.63 3.15 -28.54 N | 47.99 2.61 -5.42 N |
| RCPL_TRUST___DRP 24196 | 35.30 1.90 -5.00 N | 18.28 1.05 0.00 N | -15.26 -0.79 0.00 N | -61.11 -3.41 0.00 N | -6.99 -0.24 0.00 N | -243.71 -11.83 0.00 N | -308.48 -11.62 0.00 N | -156.88 -6.43 0.00 N | 28.76 1.83 0.00 N | 51.76 2.68 -16.13 N | 67.16 2.56 -35.40 N | 66.25 3.14 -28.96 N | 66.16 3.74 -22.89 N | 65.55 3.59 -25.13 N | 65.50 4.71 -16.03 N | 65.17 4.94 -16.55 N | 63.34 4.36 -19.99 N | 62.08 5.01 -11.53 N | 56.37 4.69 -7.54 N | 46.69 4.28 -1.84 N | 24.37 2.07 0.00 N | 34.83 2.76 0.00 N | 43.14 3.20 0.00 N | 42.61 2.66 0.00 N |
| RENSSELAER___COGEN 23796 | 29.34 0.94 0.00 N | 17.76 0.53 0.00 N | -14.91 -0.44 0.00 N | -59.51 -1.82 0.00 N | -6.83 -0.10 0.00 N | -237.57 -5.69 0.00 N | -301.27 -4.42 0.00 N | -152.80 -2.35 0.00 N | 27.67 0.74 0.00 N | 33.97 1.01 0.00 N | 30.18 0.99 0.00 N | 35.44 1.28 0.00 N | 40.88 1.35 0.00 N | 38.13 1.30 0.00 N | 46.39 1.63 0.00 N | 45.18 1.50 0.00 N | 40.33 1.35 0.00 N | 47.04 1.50 0.00 N | 45.54 1.40 0.00 N | 42.04 1.46 0.00 N | 23.01 0.71 0.00 N | 33.05 0.98 0.00 N | 41.43 1.49 0.00 N | 41.20 1.25 0.00 N |
| REVERE_CPPR_DRP 24186 | 28.66 0.27 0.00 N | 17.32 0.09 0.00 N | -14.54 -0.08 0.00 N | -57.98 -0.29 0.00 N | -6.82 -0.08 0.00 N | -232.81 -0.93 0.00 N | -299.20 -2.35 0.00 N | -152.10 -1.65 0.00 N | 27.24 0.32 0.00 N | 33.53 0.57 0.00 N | 29.82 0.63 0.00 N | 34.92 0.76 0.00 N | 40.50 0.96 0.00 N | 37.71 0.89 0.00 N | 45.91 1.15 0.00 N | 44.97 1.29 0.00 N | 40.12 1.14 0.00 N | 46.84 1.30 0.00 N | 45.36 1.22 0.00 N | 41.60 1.03 0.00 N | 22.90 0.59 0.00 N | 32.90 0.83 0.00 N | 40.75 0.81 0.00 N | 40.55 0.60 0.00 N |
| ROCHESTER_9_IC 23652 | 27.39 -1.01 0.00 N | 16.52 -0.71 0.00 N | -13.96 0.50 0.00 N | -55.52 2.18 0.00 N | -6.90 -0.16 0.00 N | -225.58 6.30 0.00 N | -293.83 3.02 0.00 N | -149.49 0.95 0.00 N | 25.73 -1.20 0.00 N | 31.74 -1.22 0.00 N | 28.28 -0.91 0.00 N | 32.98 -1.18 0.00 N | 38.28 -1.25 0.00 N | 35.68 -1.14 0.00 N | 43.43 -1.33 0.00 N | 43.24 -0.44 0.00 N | 38.65 -0.33 0.00 N | 44.80 -0.74 0.00 N | 43.48 -0.67 0.00 N | 39.65 -0.93 0.00 N | 22.02 -0.27 0.00 N | 31.82 -0.25 0.00 N | 39.21 -0.74 0.00 N | 39.14 -0.81 0.00 N |
| ROSETON___1 23587 | 29.80 1.41 0.00 N | 18.01 0.78 0.00 N | -15.06 -0.60 0.00 N | -60.23 -2.54 0.00 N | -6.89 -0.15 0.00 N | -240.49 -8.61 0.00 N | -304.95 -8.10 0.00 N | -155.01 -4.56 0.00 N | 28.25 1.32 0.00 N | 34.92 1.96 0.00 N | 31.11 1.92 0.00 N | 36.54 2.38 0.00 N | 42.35 2.81 0.00 N | 39.54 2.72 0.00 N | 48.37 3.61 0.00 N | 47.49 3.82 0.00 N | 42.35 3.37 0.00 N | 49.39 3.85 0.00 N | 47.74 3.60 0.00 N | 43.90 3.32 0.00 N | 23.88 1.58 0.00 N | 34.17 2.10 0.00 N | 42.35 2.41 0.00 N | 41.89 1.94 0.00 N |
| ROSETON___2 23588 | 29.80 1.41 0.00 N | 18.01 0.78 0.00 N | -15.06 -0.60 0.00 N | -60.23 -2.54 0.00 N | -6.89 -0.15 0.00 N | -240.49 -8.61 0.00 N | -304.95 -8.10 0.00 N | -155.01 -4.56 0.00 N | 28.25 1.32 0.00 N | 34.92 1.96 0.00 N | 31.11 1.92 0.00 N | 36.54 2.38 0.00 N | 42.35 2.81 0.00 N | 39.54 2.72 0.00 N | 48.37 3.61 0.00 N | 47.49 3.82 0.00 N | 42.35 3.37 0.00 N | 49.39 3.85 0.00 N | 47.74 3.60 0.00 N | 43.90 3.32 0.00 N | 23.88 1.58 0.00 N | 34.17 2.10 0.00 N | 42.35 2.41 0.00 N | 41.89 1.94 0.00 N |
| RUSSELL___1 23602 | 27.35 -1.05 0.00 N | 16.46 -0.77 0.00 N | -13.91 0.55 0.00 N | -55.31 2.38 0.00 N | -6.89 -0.15 0.00 N | -224.21 7.67 0.00 N | -292.03 4.83 0.00 N | -149.00 1.45 0.00 N | 25.78 -1.15 0.00 N | 31.98 -0.98 0.00 N | 28.54 -0.65 0.00 N | 33.33 -0.83 0.00 N | 38.68 -0.85 0.00 N | 36.11 -0.72 0.00 N | 43.68 -1.08 0.00 N | 43.44 -0.24 0.00 N | 38.89 -0.09 0.00 N | 44.65 -0.89 0.00 N | 43.39 -0.76 0.00 N | 39.65 -0.92 0.00 N | 22.07 -0.23 0.00 N | 32.04 -0.03 0.00 N | 39.48 -0.46 0.00 N | 39.22 -0.73 0.00 N |
| RUSSELL___2 23532 | 27.35 -1.05 0.00 N | 16.46 -0.77 0.00 N | -13.91 0.55 0.00 N | -55.31 2.38 0.00 N | -6.89 -0.15 0.00 N | -224.21 7.67 0.00 N | -292.03 4.83 0.00 N | -149.00 1.45 0.00 N | 25.78 -1.15 0.00 N | 31.98 -0.98 0.00 N | 28.54 -0.65 0.00 N | 33.33 -0.83 0.00 N | 38.68 -0.85 0.00 N | 36.11 -0.72 0.00 N | 43.68 -1.08 0.00 N | 43.44 -0.24 0.00 N | 38.89 -0.09 0.00 N | 44.65 -0.89 0.00 N | 43.39 -0.76 0.00 N | 39.65 -0.92 0.00 N | 22.07 -0.23 0.00 N | 32.04 -0.03 0.00 N | 39.48 -0.46 0.00 N | 39.22 -0.73 0.00 N |
| RUSSELL___3 23549 | 27.30 -1.10 0.00 N | 16.45 -0.78 0.00 N | -13.91 0.56 0.00 N | -55.29 2.41 0.00 N | -6.89 -0.15 0.00 N | -224.52 7.36 0.00 N | -292.37 4.48 0.00 N | -148.90 1.55 0.00 N | 25.66 -1.27 0.00 N | 31.70 -1.25 0.00 N | 28.26 -0.93 0.00 N | 32.97 -1.19 0.00 N | 38.28 -1.26 0.00 N | 35.68 -1.14 0.00 N | 43.36 -1.40 0.00 N | 43.16 -0.52 0.00 N | 38.59 -0.39 0.00 N | 44.62 -0.93 0.00 N | 43.31 -0.83 0.00 N | 39.52 -1.05 0.00 N | 21.97 -0.33 0.00 N | 31.78 -0.29 0.00 N | 39.16 -0.78 0.00 N | 39.04 -0.91 0.00 N |

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|-----------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| RUSSELL___4 23556 | 27.35 -1.05 0.00 N | 16.46 -0.77 0.00 N | -13.91 0.55 0.00 N | -55.31 2.38 0.00 N | -6.89 -0.15 0.00 N | -224.21 7.67 0.00 N | -292.03 4.83 0.00 N | -149.00 1.45 0.00 N | 25.76 -1.16 0.00 N | 31.96 -0.99 0.00 N | 28.54 -0.65 0.00 N | 33.32 -0.84 0.00 N | 38.67 -0.87 0.00 N | 36.10 -0.73 0.00 N | 43.67 -1.09 0.00 N | 43.43 -0.25 0.00 N | 38.88 -0.10 0.00 N | 44.64 -0.90 0.00 N | 43.37 -0.77 0.00 N | 39.64 -0.93 0.00 N | 22.07 -0.23 0.00 N | 32.03 -0.04 0.00 N | 39.48 -0.46 0.00 N | 39.22 -0.73 0.00 N |
| RUSSELL___STATION 23914 | 27.30 -1.10 0.00 N | 16.45 -0.78 0.00 N | -13.91 0.56 0.00 N | -55.29 2.41 0.00 N | -6.89 -0.15 0.00 N | -224.52 7.36 0.00 N | -292.37 4.48 0.00 N | -148.90 1.55 0.00 N | 25.66 -1.27 0.00 N | 31.70 -1.25 0.00 N | 28.26 -0.93 0.00 N | 32.97 -1.19 0.00 N | 38.28 -1.26 0.00 N | 35.68 -1.14 0.00 N | 43.36 -1.40 0.00 N | 43.16 -0.52 0.00 N | 38.59 -0.39 0.00 N | 44.62 -0.93 0.00 N | 43.31 -0.83 0.00 N | 39.52 -1.05 0.00 N | 21.97 -0.33 0.00 N | 31.78 -0.29 0.00 N | 39.16 -0.78 0.00 N | 39.04 -0.91 0.00 N |
| S SALMON___HYD 24043 | 27.50 -0.89 0.00 N | 16.61 -0.62 0.00 N | -13.95 0.52 0.00 N | -55.58 2.11 0.00 N | -6.57 0.17 0.00 N | -223.77 8.10 0.00 N | -287.44 9.41 0.00 N | -145.88 4.56 0.00 N | 26.15 -0.78 0.00 N | 32.11 -0.85 0.00 N | 28.55 -0.65 0.00 N | 33.43 -0.73 0.00 N | 38.76 -0.77 0.00 N | 36.13 -0.69 0.00 N | 43.94 -0.82 0.00 N | 43.08 -0.60 0.00 N | 38.45 -0.53 0.00 N | 44.82 -0.73 0.00 N | 43.44 -0.71 0.00 N | 39.82 -0.75 0.00 N | 21.91 -0.39 0.00 N | 31.53 -0.54 0.00 N | 39.13 -0.81 0.00 N | 39.12 -0.83 0.00 N |
| SELKIRK___II 23799 | 28.89 0.50 0.00 N | 17.51 0.28 0.00 N | -14.70 -0.24 0.00 N | -58.71 -1.02 0.00 N | -6.72 0.02 0.00 N | -234.32 -2.44 0.00 N | -297.36 -0.51 0.00 N | -150.70 -0.25 0.00 N | 27.23 0.30 0.00 N | 33.52 0.56 0.00 N | 29.86 0.67 0.00 N | 35.05 0.88 0.00 N | 40.50 0.97 0.00 N | 37.77 0.95 0.00 N | 46.02 1.26 0.00 N | 44.93 1.26 0.00 N | 40.09 1.11 0.00 N | 46.78 1.24 0.00 N | 45.29 1.14 0.00 N | 41.73 1.15 0.00 N | 22.80 0.49 0.00 N | 32.69 0.62 0.00 N | 40.81 0.87 0.00 N | 40.55 0.60 0.00 N |
| SELKIRK___I 23801 | 29.10 0.70 0.00 N | 17.63 0.40 0.00 N | -14.79 -0.33 0.00 N | -59.05 -1.36 0.00 N | -6.79 -0.05 0.00 N | -235.81 -3.94 0.00 N | -298.58 -1.72 0.00 N | -151.40 -0.95 0.00 N | 27.36 0.43 0.00 N | 33.73 0.77 0.00 N | 30.04 0.85 0.00 N | 35.27 1.10 0.00 N | 40.78 1.25 0.00 N | 38.04 1.21 0.00 N | 46.38 1.62 0.00 N | 45.32 1.64 0.00 N | 40.44 1.46 0.00 N | 47.18 1.64 0.00 N | 45.66 1.52 0.00 N | 42.05 1.48 0.00 N | 22.96 0.66 0.00 N | 32.93 0.86 0.00 N | 41.03 1.09 0.00 N | 40.75 0.80 0.00 N |
| SENECA OSWGO___HYD 24041 | 27.83 -0.57 0.00 N | 16.82 -0.41 0.00 N | -14.12 0.34 0.00 N | -56.29 1.40 0.00 N | -6.67 0.07 0.00 N | -226.57 5.31 0.00 N | -291.24 5.61 0.00 N | -147.69 2.76 0.00 N | 26.22 -0.71 0.00 N | 32.17 -0.79 0.00 N | 28.61 -0.58 0.00 N | 33.52 -0.64 0.00 N | 38.86 -0.67 0.00 N | 36.22 -0.60 0.00 N | 44.09 -0.67 0.00 N | 43.28 -0.39 0.00 N | 38.65 -0.33 0.00 N | 45.06 -0.49 0.00 N | 43.69 -0.45 0.00 N | 40.06 -0.51 0.00 N | 22.04 -0.26 0.00 N | 31.70 -0.37 0.00 N | 39.36 -0.58 0.00 N | 39.34 -0.61 0.00 N |
| SENECA___ENERGY 23797 | 27.48 -0.92 0.00 N | 16.59 -0.64 0.00 N | -13.99 0.47 0.00 N | -55.66 2.04 0.00 N | -6.72 0.02 0.00 N | -225.28 6.59 0.00 N | -292.29 4.56 0.00 N | -147.95 2.50 0.00 N | 25.87 -1.06 0.00 N | 31.84 -1.12 0.00 N | 28.41 -0.78 0.00 N | 33.25 -0.91 0.00 N | 38.53 -1.01 0.00 N | 35.95 -0.88 0.00 N | 43.76 -1.00 0.00 N | 43.21 -0.47 0.00 N | 38.51 -0.47 0.00 N | 44.87 -0.67 0.00 N | 43.49 -0.65 0.00 N | 39.89 -0.68 0.00 N | 22.07 -0.23 0.00 N | 31.69 -0.38 0.00 N | 39.06 -0.89 0.00 N | 38.80 -1.15 0.00 N |
| SHOEMAKER___GT 23640 | 29.66 1.27 0.00 N | 17.91 0.68 0.00 N | -14.97 -0.51 0.00 N | -59.88 -2.19 0.00 N | -6.88 -0.13 0.00 N | -239.43 -7.55 0.00 N | -304.19 -7.34 0.00 N | -154.70 -4.25 0.00 N | 28.13 1.20 0.00 N | 34.77 1.81 0.00 N | 30.96 1.77 0.00 N | 36.35 2.18 0.00 N | 42.17 2.64 0.00 N | 39.38 2.56 0.00 N | 48.19 3.43 0.00 N | 47.33 3.66 0.00 N | 42.21 3.22 0.00 N | 49.23 3.69 0.00 N | 47.60 3.46 0.00 N | 43.72 3.15 0.00 N | 23.80 1.50 0.00 N | 34.05 1.98 0.00 N | 42.19 2.25 0.00 N | 41.74 1.79 0.00 N |
| SHOREHAM_IC_1 23715 | 70.29 2.48 -39.41 N | 63.35 1.24 -44.87 N | 16.45 -1.08 -32.00 N | -60.16 -4.30 -1.83 N | -7.11 -0.37 0.00 N | -246.91 -15.03 0.00 N | -311.58 -14.73 0.00 N | -154.23 -7.66 -3.87 N | 67.81 2.22 -38.67 N | 72.21 3.10 -36.15 N | 75.42 2.71 -43.52 N | 76.73 3.31 -39.26 N | 79.60 3.95 -36.12 N | 79.63 3.92 -38.88 N | 77.44 5.13 -27.55 N | 76.78 5.41 -27.69 N | 76.24 4.75 -32.50 N | 76.18 5.40 -25.24 N | 115.65 5.03 -66.47 N | 76.12 4.62 -30.93 N | 75.49 2.28 -50.91 N | 77.59 3.10 -42.42 N | 72.30 3.58 -28.77 N | 71.32 3.04 -28.34 N |
| SHOREHAM_IC_2 23716 | 70.29 2.48 -39.41 N | 63.35 1.24 -44.87 N | 16.45 -1.08 -32.00 N | -60.16 -4.30 -1.83 N | -7.11 -0.37 0.00 N | -246.91 -15.03 0.00 N | -311.58 -14.73 0.00 N | -154.23 -7.66 -3.87 N | 67.81 2.22 -38.67 N | 72.21 3.10 -36.15 N | 75.42 2.71 -43.52 N | 76.73 3.31 -39.26 N | 79.60 3.95 -36.12 N | 79.63 3.92 -38.88 N | 77.44 5.13 -27.55 N | 76.78 5.41 -27.69 N | 76.24 4.75 -32.50 N | 76.18 5.40 -25.24 N | 115.65 5.03 -66.47 N | 76.12 4.62 -30.93 N | 75.49 2.28 -50.91 N | 77.59 3.10 -42.42 N | 72.30 3.58 -28.77 N | 71.32 3.04 -28.34 N |
| SISSONVILLE___ 23735 | 26.99 -1.41 0.00 N | 16.46 -0.77 0.00 N | -13.73 0.73 0.00 N | -54.74 2.95 0.00 N | -6.38 0.36 0.00 N | -221.27 10.60 0.00 N | -283.53 13.32 0.00 N | -144.23 6.22 0.00 N | 26.03 -0.89 0.00 N | 31.61 -1.35 0.00 N | 27.74 -1.45 0.00 N | 32.31 -1.85 0.00 N | 37.31 -2.22 0.00 N | 34.63 -2.19 0.00 N | 41.77 -2.99 0.00 N | 40.22 -3.46 0.00 N | 35.70 -3.28 0.00 N | 41.84 -3.71 0.00 N | 40.67 -3.46 0.00 N | 37.41 -3.16 0.00 N | 20.72 -1.59 0.00 N | 30.02 -2.05 0.00 N | 37.57 -2.38 0.00 N | 38.09 -1.86 0.00 N |
| SITHE_IND_GS1 24169 | 27.48 -0.92 0.00 N | 16.65 -0.59 0.00 N | -13.99 0.47 0.00 N | -55.77 1.92 0.00 N | -6.59 0.15 0.00 N | -224.52 7.36 0.00 N | -288.41 8.45 0.00 N | -146.17 4.28 0.00 N | 25.88 -1.05 0.00 N | 31.70 -1.26 0.00 N | 28.16 -1.04 0.00 N | 32.94 -1.22 0.00 N | 38.15 -1.39 0.00 N | 35.54 -1.29 0.00 N | 43.21 -1.56 0.00 N | 42.39 -1.29 0.00 N | 37.84 -1.14 0.00 N | 44.12 -1.43 0.00 N | 42.78 -1.36 0.00 N | 39.27 -1.30 0.00 N | 21.61 -0.69 0.00 N | 31.09 -0.98 0.00 N | 38.68 -1.26 0.00 N | 38.74 -1.21 0.00 N |
| SITHE_IND_GS2 24170 | 27.48 -0.92 0.00 N | 16.65 -0.59 0.00 N | -13.99 0.47 0.00 N | -55.77 1.92 0.00 N | -6.59 0.15 0.00 N | -224.52 7.36 0.00 N | -288.41 8.45 0.00 N | -146.17 4.28 0.00 N | 25.88 -1.05 0.00 N | 31.70 -1.26 0.00 N | 28.16 -1.04 0.00 N | 32.94 -1.22 0.00 N | 38.15 -1.39 0.00 N | 35.54 -1.29 0.00 N | 43.21 -1.56 0.00 N | 42.39 -1.29 0.00 N | 37.84 -1.14 0.00 N | 44.12 -1.43 0.00 N | 42.78 -1.36 0.00 N | 39.27 -1.30 0.00 N | 21.61 -0.69 0.00 N | 31.09 -0.98 0.00 N | 38.68 -1.26 0.00 N | 38.74 -1.21 0.00 N |
| SITHE_IND_GS3 24171 | 27.48 -0.92 0.00 N | 16.65 -0.59 0.00 N | -13.99 0.47 0.00 N | -55.77 1.92 0.00 N | -6.59 0.15 0.00 N | -224.52 7.36 0.00 N | -288.41 8.45 0.00 N | -146.17 4.28 0.00 N | 25.88 -1.05 0.00 N | 31.70 -1.26 0.00 N | 28.16 -1.04 0.00 N | 32.94 -1.22 0.00 N | 38.15 -1.39 0.00 N | 35.54 -1.29 0.00 N | 43.21 -1.56 0.00 N | 42.39 -1.29 0.00 N | 37.84 -1.14 0.00 N | 44.12 -1.43 0.00 N | 42.78 -1.36 0.00 N | 39.27 -1.30 0.00 N | 21.61 -0.69 0.00 N | 31.09 -0.98 0.00 N | 38.68 -1.26 0.00 N | 38.74 -1.21 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| SITHE_IND_GS4 24172 | 27.48 -0.92 0.00 N | 16.65 -0.59 0.00 N | -13.99 0.47 0.00 N | -55.77 1.92 0.00 N | -6.59 0.15 0.00 N | -224.52 7.36 0.00 N | -288.41 8.45 0.00 N | -146.17 4.28 0.00 N | 25.88 -1.05 0.00 N | 31.70 -1.26 0.00 N | 28.16 -1.04 0.00 N | 32.94 -1.22 0.00 N | 38.15 -1.39 0.00 N | 35.54 -1.29 0.00 N | 43.21 -1.56 0.00 N | 42.39 -1.29 0.00 N | 37.84 -1.14 0.00 N | 44.12 -1.43 0.00 N | 42.78 -1.36 0.00 N | 39.27 -1.30 0.00 N | 21.61 -0.69 0.00 N | 31.09 -0.98 0.00 N | 38.68 -1.26 0.00 N | 38.74 -1.21 0.00 N | |
| SITHE__BATAVIA 24024 | 26.61 -1.78 0.00 N | 16.07 -1.16 0.00 N | -13.66 0.80 0.00 N | -54.27 3.42 0.00 N | -6.97 -0.23 0.00 N | -222.26 9.61 0.00 N | -292.15 4.70 0.00 N | -148.64 1.81 0.00 N | 24.89 -2.04 0.00 N | 30.67 -2.29 0.00 N | 27.34 -1.86 0.00 N | 31.78 -2.38 0.00 N | 36.92 -2.62 0.00 N | 34.37 -2.46 0.00 N | 41.87 -2.89 0.00 N | 42.03 -1.66 0.00 N | 37.54 -1.44 0.00 N | 43.42 -2.13 0.00 N | 42.17 -1.97 0.00 N | 38.34 -2.23 0.00 N | 21.41 -0.89 0.00 N | 30.98 -1.09 0.00 N | 38.05 -1.90 0.00 N | 38.12 -1.83 0.00 N | |
| SITHE___INDEPEND 23800 | 27.48 -0.92 0.00 N | 16.65 -0.59 0.00 N | -13.99 0.47 0.00 N | -55.77 1.92 0.00 N | -6.59 0.15 0.00 N | -224.52 7.36 0.00 N | -288.41 8.45 0.00 N | -146.17 4.28 0.00 N | 25.88 -1.05 0.00 N | 31.70 -1.26 0.00 N | 28.16 -1.04 0.00 N | 32.94 -1.22 0.00 N | 38.15 -1.39 0.00 N | 35.54 -1.29 0.00 N | 43.21 -1.56 0.00 N | 42.39 -1.29 0.00 N | 37.84 -1.14 0.00 N | 44.12 -1.43 0.00 N | 42.78 -1.36 0.00 N | 39.27 -1.30 0.00 N | 21.61 -0.69 0.00 N | 31.09 -0.98 0.00 N | 38.68 -1.26 0.00 N | 38.74 -1.21 0.00 N | |
| SITHE___MASSENA 23902 | 28.25 -0.15 0.00 N | 17.21 -0.02 0.00 N | -14.42 0.04 0.00 N | -57.44 0.25 0.00 N | -6.71 0.03 0.00 N | -232.05 -0.17 0.00 N | -298.27 -1.42 0.00 N | -151.32 -0.87 0.00 N | 27.15 0.22 0.00 N | 33.01 0.05 0.00 N | 29.02 -0.17 0.00 N | 33.81 -0.35 0.00 N | 39.06 -0.47 0.00 N | 36.28 -0.54 0.00 N | 43.80 -0.96 0.00 N | 42.32 -1.36 0.00 N | 37.61 -1.37 0.00 N | 44.09 -1.45 0.00 N | 42.81 -1.33 0.00 N | 39.38 -1.19 0.00 N | 21.78 -0.52 0.00 N | 31.51 -0.56 0.00 N | 39.36 -0.58 0.00 N | 39.66 -0.29 0.00 N | |
| SITHE___OGDNSBRG 24021 | 28.34 -0.06 0.00 N | 17.25 0.02 0.00 N | -14.43 0.03 0.00 N | -57.46 0.24 0.00 N | -6.71 0.02 0.00 N | -232.38 -0.50 0.00 N | -298.91 -2.06 0.00 N | -151.82 -1.37 0.00 N | 27.33 0.40 0.00 N | 33.24 0.28 0.00 N | 29.20 0.01 0.00 N | 34.02 -0.14 0.00 N | 39.29 -0.24 0.00 N | 36.47 -0.36 0.00 N | 44.01 -0.75 0.00 N | 42.44 -1.24 0.00 N | 37.70 -1.28 0.00 N | 44.20 -1.34 0.00 N | 42.94 -1.20 0.00 N | 39.48 -1.09 0.00 N | 21.86 -0.44 0.00 N | 31.66 -0.41 0.00 N | 39.55 -0.40 0.00 N | 39.86 -0.08 0.00 N | |
| SITHE___STERLING 23777 | 28.51 0.11 0.00 N | 17.25 0.02 0.00 N | -14.48 -0.02 0.00 N | -57.73 -0.04 0.00 N | -6.82 -0.08 0.00 N | -231.80 0.08 0.00 N | -297.87 -1.01 0.00 N | -151.38 -0.92 0.00 N | 27.05 0.12 0.00 N | 33.26 0.31 0.00 N | 29.60 0.41 0.00 N | 34.66 0.50 0.00 N | 40.18 0.65 0.00 N | 37.42 0.60 0.00 N | 45.56 0.80 0.00 N | 44.68 1.00 0.00 N | 39.87 0.89 0.00 N | 46.54 1.00 0.00 N | 45.08 0.94 0.00 N | 41.34 0.76 0.00 N | 22.77 0.47 0.00 N | 32.69 0.62 0.00 N | 40.48 0.54 0.00 N | 40.30 0.35 0.00 N | |
| SOUTH CAIRO___GT 23612 | 30.16 1.76 0.00 N | 18.21 0.97 0.00 N | -15.25 -0.79 0.00 N | -60.88 -3.19 0.00 N | -6.99 -0.25 0.00 N | -243.00 -11.12 0.00 N | -309.47 -12.62 0.00 N | -157.47 -7.02 0.00 N | 28.52 1.59 0.00 N | 35.21 2.25 0.00 N | 31.40 2.21 0.00 N | 36.90 2.74 0.00 N | 42.77 3.24 0.00 N | 39.94 3.11 0.00 N | 48.76 4.00 0.00 N | 47.77 4.09 0.00 N | 42.60 3.62 0.00 N | 49.73 4.19 0.00 N | 48.10 3.96 0.00 N | 44.23 3.66 0.00 N | 24.10 1.80 0.00 N | 34.52 2.44 0.00 N | 42.88 2.94 0.00 N | 42.46 2.51 0.00 N | |
| SOUTH HAMPTN___IC 23720 | 70.58 2.78 -39.41 N | 63.52 1.42 -44.87 N | 16.32 -1.22 -32.00 N | -60.64 -4.78 -1.83 N | -7.15 -0.41 0.00 N | -248.60 -16.72 0.00 N | -314.13 -17.28 0.00 N | -155.71 -9.13 -3.87 N | 68.10 2.51 -38.67 N | 72.53 3.42 -36.15 N | 75.60 2.89 -43.52 N | 76.96 3.54 -39.26 N | 79.90 4.25 -36.12 N | 79.90 4.19 -38.88 N | 77.79 5.49 -27.55 N | 77.14 5.77 -27.69 N | 76.55 5.07 -32.50 N | 76.53 5.75 -25.24 N | 115.99 5.37 -66.47 N | 76.42 4.91 -30.93 N | 75.65 2.44 -50.91 N | 77.82 3.32 -42.42 N | 72.55 3.84 -28.77 N | 71.73 3.44 -28.34 N | |
| SOUTHOLD___IC 23719 | 71.38 3.57 -39.41 N | 63.94 1.83 -44.87 N | 16.00 -1.53 -32.00 N | -61.89 -6.03 -1.83 N | -7.30 -0.56 0.00 N | -253.41 -21.53 0.00 N | -320.69 -23.84 0.00 N | -159.17 -12.59 -3.87 N | 68.83 3.23 -38.67 N | 73.11 3.99 -36.15 N | 75.59 2.88 -43.52 N | 77.03 3.60 -39.26 N | 80.01 4.35 -36.12 N | 80.03 4.33 -38.88 N | 78.00 5.69 -27.55 N | 77.36 5.99 -27.69 N | 76.73 5.25 -32.50 N | 76.71 5.93 -25.24 N | 116.12 5.51 -66.47 N | 76.48 4.97 -30.93 N | 75.68 2.47 -50.91 N | 77.87 3.38 -42.42 N | 72.56 3.84 -28.77 N | 72.57 4.29 -28.34 N | |
| ST LAWRENCE____ 23600 | 28.21 -0.19 0.00 N | 17.18 -0.05 0.00 N | -14.39 0.07 0.00 N | -57.34 0.35 0.00 N | -6.71 0.03 0.00 N | -231.68 0.19 0.00 N | -297.77 -0.91 0.00 N | -151.03 -0.57 0.00 N | 27.07 0.14 0.00 N | 32.90 -0.05 0.00 N | 28.94 -0.25 0.00 N | 33.73 -0.44 0.00 N | 38.95 -0.59 0.00 N | 36.20 -0.63 0.00 N | 43.71 -1.05 0.00 N | 42.24 -1.44 0.00 N | 37.56 -1.42 0.00 N | 44.02 -1.52 0.00 N | 42.74 -1.40 0.00 N | 39.31 -1.26 0.00 N | 21.75 -0.55 0.00 N | 31.45 -0.62 0.00 N | 39.30 -0.64 0.00 N | 39.56 -0.39 0.00 N | |
| STATION 5_MISC_HYD 23604 | 26.62 -1.78 0.00 N | 15.99 -1.24 0.00 N | -13.47 0.99 0.00 N | -53.52 4.18 0.00 N | -6.65 0.09 0.00 N | -216.83 15.05 0.00 N | -281.98 14.87 0.00 N | -144.20 6.25 0.00 N | 25.18 -1.74 0.00 N | 31.41 -1.54 0.00 N | 28.05 -1.14 0.00 N | 32.77 -1.39 0.00 N | 38.09 -1.45 0.00 N | 35.57 -1.25 0.00 N | 43.19 -1.57 0.00 N | 43.03 -0.65 0.00 N | 38.55 -0.43 0.00 N | 44.42 -1.13 0.00 N | 43.22 -0.92 0.00 N | 39.55 -1.03 0.00 N | 21.96 -0.34 0.00 N | 31.85 -0.22 0.00 N | 39.10 -0.85 0.00 N | 38.72 -1.23 0.00 N | |
| STURGEON_POOL_HYD 23609 | 29.86 1.47 0.00 N | 17.99 0.76 0.00 N | -15.01 -0.55 0.00 N | -60.03 -2.34 0.00 N | -6.88 -0.14 0.00 N | -239.80 -7.92 0.00 N | -304.21 -7.36 0.00 N | -154.82 -4.38 0.00 N | 28.31 1.38 0.00 N | 35.02 2.06 0.00 N | 31.23 2.04 0.00 N | 36.67 2.51 0.00 N | 42.57 3.04 0.00 N | 39.75 2.92 0.00 N | 48.65 3.89 0.00 N | 47.84 4.16 0.00 N | 42.66 3.68 0.00 N | 49.76 4.22 0.00 N | 48.07 3.93 0.00 N | 44.13 3.56 0.00 N | 24.02 1.72 0.00 N | 34.40 2.33 0.00 N | 42.48 2.53 0.00 N | 41.96 2.01 0.00 N | |
| SYRACUSE___POWER 24017 | 27.99 -0.41 0.00 N | 16.94 -0.29 0.00 N | -14.24 0.23 0.00 N | -56.71 0.98 0.00 N | -6.72 0.02 0.00 N | -228.18 3.70 0.00 N | -293.40 3.45 0.00 N | -148.80 1.65 0.00 N | 26.41 -0.51 0.00 N | 32.41 -0.54 0.00 N | 28.85 -0.34 0.00 N | 33.78 -0.38 0.00 N | 39.17 -0.36 0.00 N | 36.51 -0.32 0.00 N | 44.44 -0.32 0.00 N | 43.63 -0.05 0.00 N | 38.94 -0.04 0.00 N | 45.42 -0.13 0.00 N | 44.03 -0.11 0.00 N | 40.38 -0.19 0.00 N | 22.25 -0.05 0.00 N | 31.95 -0.12 0.00 N | 39.60 -0.35 0.00 N | 39.51 -0.44 0.00 N | |
| Stony___Brook | 70.30 | 63.42 | 16.39 | -60.36 | -7.13 | -247.37 | -312.68 | -155.14 | 67.87 | 72.26 | 75.44 | 76.75 | 79.72 | 79.64 | 77.51 | 76.78 | 76.24 | 76.19 | 115.67 | 76.16 | 75.51 | 77.62 | 72.36 | 71.38 | |

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| 24151 | 2.50 -39.41 N | 1.32 -44.87 N | -1.14 -32.00 N | -4.51 -1.84 N | -0.39 0.00 N | -15.49 0.00 N | -15.82 0.00 N | -8.56 -3.87 N | 2.28 -38.67 N | 3.15 -36.15 N | 2.73 -43.52 N | 3.32 -39.26 N | 3.97 -36.21 N | 3.93 -38.88 N | 5.14 -27.61 N | 5.41 -27.69 N | 4.76 -32.50 N | 5.41 -25.24 N | 5.05 -66.47 N | 4.66 -30.93 N | 2.31 -50.91 N | 3.12 -42.42 N | 3.65 -28.77 N | 3.09 -28.34 N |
| UNION___PROCESSING_DRP 323587 | 27.05 -1.35 0.00 N | 16.32 -0.91 0.00 N | -13.81 0.66 0.00 N | -54.88 2.81 0.00 N | -6.83 -0.09 0.00 N | -222.99 8.88 0.00 N | -290.19 6.66 0.00 N | -147.69 2.76 0.00 N | 25.38 -1.55 0.00 N | 31.24 -1.71 0.00 N | 27.83 -1.36 0.00 N | 32.44 -1.72 0.00 N | 37.63 -1.90 0.00 N | 35.06 -1.77 0.00 N | 42.65 -2.11 0.00 N | 42.43 -1.25 0.00 N | 37.93 -1.05 0.00 N | 43.96 -1.58 0.00 N | 42.68 -1.46 0.00 N | 38.94 -1.63 0.00 N | 21.64 -0.66 0.00 N | 31.27 -0.80 0.00 N | 38.57 -1.38 0.00 N | 38.57 -1.38 0.00 N |
| UPPER HUDSON___HYD 24058 | 28.29 -0.10 0.00 N | 17.17 -0.06 0.00 N | -14.41 0.06 0.00 N | -57.46 0.23 0.00 N | -6.55 0.19 0.00 N | -228.85 3.03 0.00 N | -288.89 7.96 0.00 N | -147.16 3.30 0.00 N | 27.09 0.17 0.00 N | 33.37 0.41 0.00 N | 29.95 0.76 0.00 N | 35.25 1.08 0.00 N | 40.66 1.13 0.00 N | 37.85 1.02 0.00 N | 46.11 1.35 0.00 N | 44.97 1.29 0.00 N | 40.02 1.04 0.00 N | 46.68 1.14 0.00 N | 45.29 1.15 0.00 N | 41.74 1.17 0.00 N | 22.60 0.30 0.00 N | 32.38 0.31 0.00 N | 40.33 0.39 0.00 N | 40.16 0.21 0.00 N |
| UPPER RAQUET___HYD 24056 | 26.99 -1.41 0.00 N | 16.46 -0.77 0.00 N | -13.73 0.73 0.00 N | -54.74 2.95 0.00 N | -6.38 0.36 0.00 N | -221.27 10.60 0.00 N | -283.53 13.32 0.00 N | -144.23 6.22 0.00 N | 26.03 -0.89 0.00 N | 31.61 -1.35 0.00 N | 27.74 -1.45 0.00 N | 32.31 -1.85 0.00 N | 37.31 -2.22 0.00 N | 34.63 -2.19 0.00 N | 41.77 -2.99 0.00 N | 40.22 -3.46 0.00 N | 35.70 -3.28 0.00 N | 41.84 -3.71 0.00 N | 40.67 -3.46 0.00 N | 37.41 -3.16 0.00 N | 20.72 -1.59 0.00 N | 30.02 -2.05 0.00 N | 37.57 -2.38 0.00 N | 38.09 -1.86 0.00 N |
| VISCHER___FERRY HYD 24020 | 29.23 0.83 0.00 N | 17.68 0.45 0.00 N | -14.85 -0.38 0.00 N | -59.28 -1.59 0.00 N | -6.77 -0.03 0.00 N | -236.44 -4.57 0.00 N | -299.05 -2.20 0.00 N | -151.69 -1.24 0.00 N | 27.59 0.67 0.00 N | 33.95 0.99 0.00 N | 30.32 1.13 0.00 N | 35.66 1.50 0.00 N | 41.12 1.58 0.00 N | 38.31 1.49 0.00 N | 46.69 1.93 0.00 N | 45.55 1.87 0.00 N | 40.62 1.64 0.00 N | 47.42 1.87 0.00 N | 45.91 1.77 0.00 N | 42.35 1.78 0.00 N | 23.05 0.75 0.00 N | 33.05 0.99 0.00 N | 41.32 1.37 0.00 N | 41.09 1.14 0.00 N |
| WADING RIVER_IC_1 23522 | 70.19 2.39 -39.41 N | 63.30 1.20 -44.87 N | 16.49 -1.04 -32.00 N | -60.01 -4.15 -1.83 N | -7.09 -0.35 0.00 N | -246.24 -14.36 0.00 N | -310.82 -13.97 0.00 N | -153.88 -7.30 -3.87 N | 67.73 2.14 -38.67 N | 72.09 2.98 -36.15 N | 75.29 2.58 -43.52 N | 76.58 3.16 -39.26 N | 79.42 3.77 -36.12 N | 79.44 3.74 -38.88 N | 77.20 4.89 -27.55 N | 76.54 5.17 -27.69 N | 76.03 4.54 -32.50 N | 75.95 5.17 -25.24 N | 115.43 4.81 -66.47 N | 75.94 4.44 -30.93 N | 75.39 2.19 -50.91 N | 77.45 2.95 -42.42 N | 72.13 3.42 -28.77 N | 71.20 2.91 -28.34 N |
| WADING RIVER_IC_2 23547 | 70.19 2.39 -39.41 N | 63.30 1.20 -44.87 N | 16.49 -1.04 -32.00 N | -60.01 -4.15 -1.83 N | -7.09 -0.35 0.00 N | -246.24 -14.36 0.00 N | -310.82 -13.97 0.00 N | -153.88 -7.30 -3.87 N | 67.73 2.14 -38.67 N | 72.09 2.98 -36.15 N | 75.29 2.58 -43.52 N | 76.58 3.16 -39.26 N | 79.42 3.77 -36.12 N | 79.44 3.74 -38.88 N | 77.20 4.89 -27.55 N | 76.54 5.17 -27.69 N | 76.03 4.54 -32.50 N | 75.95 5.17 -25.24 N | 115.43 4.81 -66.47 N | 75.94 4.44 -30.93 N | 75.39 2.19 -50.91 N | 77.45 2.95 -42.42 N | 72.13 3.42 -28.77 N | 71.20 2.91 -28.34 N |
| WADING RIVER_IC_3 23601 | 70.19 2.39 -39.41 N | 63.30 1.20 -44.87 N | 16.49 -1.04 -32.00 N | -60.01 -4.15 -1.83 N | -7.09 -0.35 0.00 N | -246.24 -14.36 0.00 N | -310.82 -13.97 0.00 N | -153.88 -7.30 -3.87 N | 67.73 2.14 -38.67 N | 72.09 2.98 -36.15 N | 75.29 2.58 -43.52 N | 76.58 3.16 -39.26 N | 79.42 3.77 -36.12 N | 79.44 3.74 -38.88 N | 77.20 4.89 -27.55 N | 76.54 5.17 -27.69 N | 76.03 4.54 -32.50 N | 75.95 5.17 -25.24 N | 115.43 4.81 -66.47 N | 75.94 4.44 -30.93 N | 75.39 2.19 -50.91 N | 77.45 2.95 -42.42 N | 72.13 3.42 -28.77 N | 71.20 2.91 -28.34 N |
| WALDEN___HYDRO 24148 | 29.92 1.52 0.00 N | 18.05 0.82 0.00 N | -15.06 -0.59 0.00 N | -60.21 -2.51 0.00 N | -6.90 -0.15 0.00 N | -240.52 -8.64 0.00 N | -305.34 -8.49 0.00 N | -155.46 -5.01 0.00 N | 28.35 1.42 0.00 N | 35.09 2.14 0.00 N | 31.33 2.13 0.00 N | 36.79 2.63 0.00 N | 42.67 3.13 0.00 N | 39.84 3.02 0.00 N | 48.82 4.06 0.00 N | 48.05 4.37 0.00 N | 42.88 3.89 0.00 N | 49.99 4.44 0.00 N | 48.27 4.13 0.00 N | 44.33 3.76 0.00 N | 24.13 1.83 0.00 N | 34.52 2.45 0.00 N | 42.60 2.65 0.00 N | 42.04 2.09 0.00 N |
| WARRENSBURG____ 23737 | 28.32 -0.08 0.00 N | 17.18 -0.05 0.00 N | -14.42 0.04 0.00 N | -57.50 0.20 0.00 N | -6.54 0.20 0.00 N | -229.01 2.87 0.00 N | -289.07 7.78 0.00 N | -147.30 3.15 0.00 N | 27.12 0.19 0.00 N | 33.41 0.45 0.00 N | 29.98 0.79 0.00 N | 35.29 1.13 0.00 N | 40.71 1.17 0.00 N | 37.89 1.07 0.00 N | 46.17 1.41 0.00 N | 45.02 1.34 0.00 N | 40.08 1.10 0.00 N | 46.74 1.20 0.00 N | 45.35 1.21 0.00 N | 41.80 1.23 0.00 N | 22.63 0.33 0.00 N | 32.42 0.35 0.00 N | 40.37 0.43 0.00 N | 40.20 0.25 0.00 N |
| WATERSIDE___6 8 9 23538 | 35.43 1.95 -5.08 N | 18.31 1.08 0.00 N | -15.29 -0.82 0.00 N | -61.19 -3.50 0.00 N | -6.99 -0.25 0.00 N | -244.00 -12.12 0.00 N | -308.47 -11.61 0.00 N | -156.63 -6.18 0.00 N | 28.76 1.83 0.00 N | 52.51 2.70 -16.86 N | 79.40 2.52 -47.68 N | 66.67 3.07 -29.44 N | 65.47 3.63 -22.30 N | 65.85 3.48 -25.55 N | 57.63 4.57 -8.30 N | 65.61 4.81 -17.12 N | 55.90 4.24 -12.68 N | 53.68 4.91 -3.23 N | 53.50 4.62 -4.74 N | 40.14 4.24 4.68 N | 64.67 2.04 -40.33 N | 50.72 2.69 -15.96 N | 71.63 3.15 -28.54 N | 47.99 2.61 -5.42 N |
| WEST BABYLON___IC 23714 | 70.54 2.73 -39.41 N | 63.67 1.46 -44.98 N | 16.34 -1.20 -32.01 N | -60.32 -4.76 -2.13 N | -7.16 -0.42 0.00 N | -248.44 -16.56 0.00 N | -314.46 -17.61 0.00 N | -156.16 -9.59 -3.87 N | 68.11 2.52 -38.67 N | 72.59 3.46 -36.17 N | 75.83 3.12 -43.52 N | 77.25 3.80 -39.28 N | 81.42 4.52 -37.36 N | 80.11 4.41 -38.88 N | 78.78 5.67 -28.35 N | 77.27 5.90 -27.69 N | 76.68 5.20 -32.50 N | 76.72 5.94 -25.24 N | 116.22 5.61 -66.47 N | 76.69 5.19 -30.93 N | 75.80 2.59 -50.91 N | 78.03 3.54 -42.42 N | 72.89 4.18 -28.77 N | 71.90 3.62 -28.34 N |
| WEST CANADA___HYD 24049 | 28.45 0.05 0.00 N | 17.25 0.02 0.00 N | -14.48 -0.01 0.00 N | -57.75 -0.06 0.00 N | -6.72 0.02 0.00 N | -231.77 0.11 0.00 N | -296.48 0.37 0.00 N | -150.27 0.17 0.00 N | 26.94 0.02 0.00 N | 33.04 0.08 0.00 N | 29.30 0.11 0.00 N | 34.28 0.12 0.00 N | 39.67 0.14 0.00 N | 36.96 0.14 0.00 N | 44.95 0.19 0.00 N | 43.91 0.24 0.00 N | 39.21 0.23 0.00 N | 45.82 0.27 0.00 N | 44.39 0.25 0.00 N | 40.80 0.23 0.00 N | 22.39 0.09 0.00 N | 32.18 0.11 0.00 N | 40.06 0.12 0.00 N | 39.99 0.04 0.00 N |
| WESTERN_NY_WIND 24143 | 26.58 -1.82 0.00 N | 16.05 -1.18 0.00 N | -13.66 0.80 0.00 N | -54.24 3.46 0.00 N | -6.96 -0.22 0.00 N | -222.15 9.73 0.00 N | -292.11 4.74 0.00 N | -148.57 1.88 0.00 N | 24.86 -2.06 0.00 N | 30.62 -2.34 0.00 N | 27.29 -1.90 0.00 N | 31.74 -2.42 0.00 N | 36.85 -2.68 0.00 N | 34.30 -2.52 0.00 N | 41.81 -2.95 0.00 N | 41.97 -1.71 0.00 N | 37.49 -1.50 0.00 N | 43.36 -2.18 0.00 N | 42.12 -2.02 0.00 N | 38.28 -2.29 0.00 N | 21.38 -0.91 0.00 N | 30.93 -1.14 0.00 N | 38.00 -1.94 0.00 N | 38.08 -1.87 0.00 N |

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