

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

08/21/2009

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|---------------------|-------|--------|-------|-------|-------|--------|--------|---------|-------|-------|-------|-------|-------|---------|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 47.42 | 46.50 | 41.00 | 35.06 | 40.30 | 45.79 | 48.61 | 110.00 | 56.91 | 47.18 | 50.35 | 66.80 | 68.60 | 204.49 | 259.14 | 210.68 | 53.28 | 37.21 | 40.19 | 37.18 | 38.00 | 35.54 | 33.05 | 34.65 |
| 24138 | 4.46 | 1.07 | 4.07 | 3.52 | 3.81 | 3.60 | 4.43 | 3.32 | 5.26 | 5.12 | 5.46 | 7.08 | 7.10 | 3.26 | -6.49 | 8.23 | 4.18 | 2.78 | 3.11 | 3.14 | 3.38 | 3.25 | 3.02 | 3.35 |
| | -4.22 | -36.26 | -1.53 | 0.00 | -2.52 | -10.92 | -8.42 | -79.44 | -7.63 | -0.10 | -0.16 | 0.00 | -0.41 | -169.89 | -336.94 | -115.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.94 | -2.78 | 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 | 47.45 | 46.50 | 41.03 | 35.09 | 40.33 | 45.81 | 48.63 | 110.01 | 56.89 | 47.13 | 50.29 | 66.69 | 68.44 | 204.40 | 259.36 | 210.42 | 53.13 | 37.12 | 40.10 | 37.12 | 37.96 | 35.51 | 33.06 | 34.67 |
| 24260 | 4.48 | 1.07 | 4.10 | 3.56 | 3.85 | 3.62 | 4.45 | 3.32 | 5.24 | 5.08 | 5.39 | 6.98 | 6.95 | 3.16 | -6.28 | 7.97 | 4.04 | 2.69 | 3.02 | 3.08 | 3.34 | 3.22 | 3.02 | 3.37 |
| | -4.22 | -36.26 | -1.53 | 0.00 | -2.52 | -10.92 | -8.42 | -79.45 | -7.63 | -0.10 | -0.16 | 0.00 | -0.41 | -169.89 | -336.95 | -115.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.94 | -2.78 | 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 | 47.45 | 46.50 | 41.03 | 35.09 | 40.33 | 45.81 | 48.63 | 110.01 | 56.89 | 47.13 | 50.29 | 66.69 | 68.44 | 204.40 | 259.36 | 210.42 | 53.13 | 37.12 | 40.10 | 37.12 | 37.96 | 35.51 | 33.06 | 34.67 |
| 24261 | 4.48 | 1.07 | 4.10 | 3.56 | 3.85 | 3.62 | 4.45 | 3.32 | 5.24 | 5.08 | 5.39 | 6.98 | 6.95 | 3.16 | -6.28 | 7.97 | 4.04 | 2.69 | 3.02 | 3.08 | 3.34 | 3.22 | 3.02 | 3.37 |
| | -4.22 | -36.26 | -1.53 | 0.00 | -2.52 | -10.92 | -8.42 | -79.45 | -7.63 | -0.10 | -0.16 | 0.00 | -0.41 | -169.89 | -336.95 | -115.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.94 | -2.78 | 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 | 47.41 | 57.01 | 40.26 | 33.90 | 39.72 | 47.96 | 49.57 | 132.65 | 57.80 | 45.65 | 48.68 | 65.21 | 67.59 | 48.98 | -46.55 | 103.07 | 52.26 | 36.76 | 40.24 | 37.03 | 37.76 | 35.49 | 33.27 | 33.62 |
| 24011 | 3.18 | 0.76 | 2.88 | 2.36 | 2.48 | 2.51 | 2.88 | 2.25 | 3.87 | 3.57 | 3.74 | 5.50 | 5.97 | 2.71 | -4.86 | 5.75 | 3.16 | 2.34 | 3.17 | 2.99 | 3.13 | 2.92 | 2.41 | 2.31 |
| | -5.48 | -47.08 | -1.99 | 0.00 | -3.27 | -14.18 | -10.93 | -103.16 | -9.91 | -0.13 | -0.21 | 0.00 | -0.53 | -14.93 | -29.61 | -10.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.23 | -3.61 | 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 |
| ADK RESOURCE__RCVRY | 47.66 | 56.31 | 40.75 | 34.27 | 40.00 | 48.04 | 49.57 | 131.09 | 57.90 | 45.71 | 48.79 | 65.44 | 67.96 | 58.13 | -28.83 | 109.17 | 52.28 | 36.61 | 40.37 | 37.18 | 37.92 | 35.68 | 33.41 | 33.76 |
| 23798 | 3.53 | 0.88 | 3.40 | 2.73 | 2.82 | 2.84 | 3.08 | 2.52 | 4.15 | 3.63 | 3.85 | 5.73 | 6.35 | 2.83 | -5.02 | 5.74 | 3.18 | 2.18 | 3.30 | 3.14 | 3.29 | 3.13 | 2.61 | 2.46 |
| | -5.39 | -46.25 | -1.95 | 0.00 | -3.22 | -13.93 | -10.74 | -101.33 | -9.74 | -0.13 | -0.20 | 0.00 | -0.52 | -23.95 | -47.50 | -16.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.20 | -3.55 | 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 |
| ADK S GLENS__FALLS | 47.41 | 57.01 | 40.26 | 33.90 | 39.72 | 47.96 | 49.57 | 132.65 | 57.80 | 45.65 | 48.68 | 65.21 | 67.59 | 48.98 | -46.55 | 103.07 | 52.26 | 36.76 | 40.24 | 37.03 | 37.76 | 35.49 | 33.27 | 33.62 |
| 24028 | 3.18 | 0.76 | 2.88 | 2.36 | 2.48 | 2.51 | 2.88 | 2.25 | 3.87 | 3.57 | 3.74 | 5.50 | 5.97 | 2.71 | -4.86 | 5.75 | 3.16 | 2.34 | 3.17 | 2.99 | 3.13 | 2.92 | 2.41 | 2.31 |
| | -5.48 | -47.08 | -1.99 | 0.00 | -3.27 | -14.18 | -10.93 | -103.16 | -9.91 | -0.13 | -0.21 | 0.00 | -0.53 | -14.93 | -29.61 | -10.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.23 | -3.61 | 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 |
| ADK_NYS__DAM | 47.00 | 55.77 | 40.11 | 33.82 | 39.55 | 47.40 | 48.98 | 129.83 | 57.03 | 45.07 | 48.20 | 64.41 | 66.73 | 50.18 | -43.28 | 103.65 | 51.98 | 36.33 | 39.64 | 36.52 | 37.22 | 35.01 | 32.90 | 33.41 |
| 23527 | 2.92 | 0.72 | 2.78 | 2.29 | 2.40 | 2.31 | 2.57 | 2.08 | 3.35 | 2.99 | 3.26 | 4.69 | 5.13 | 2.43 | -4.49 | 5.34 | 2.88 | 1.90 | 2.56 | 2.48 | 2.59 | 2.47 | 2.13 | 2.11 |
| | -5.34 | -45.88 | -1.94 | 0.00 | -3.19 | -13.82 | -10.65 | -100.51 | -9.66 | -0.12 | -0.20 | 0.00 | -0.51 | -16.39 | -32.51 | -11.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.19 | -3.52 | 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 | 45.60 | 55.54 | 38.76 | 32.75 | 38.41 | 46.36 | 47.90 | 129.21 | 55.63 | 43.92 | 46.94 | 62.47 | 64.52 | 32.69 | -73.62 | 90.18 | 50.60 | 35.39 | 38.33 | 35.28 | 35.97 | 33.84 | 31.91 | 32.42 |
| 24190 | 1.49 | 0.37 | 1.42 | 1.21 | 1.25 | 1.24 | 1.46 | 1.18 | 1.93 | 1.84 | 2.01 | 2.76 | 2.91 | 1.34 | -2.32 | 3.00 | 1.50 | 0.96 | 1.25 | 1.24 | 1.34 | 1.30 | 1.13 | 1.11 |
| | -5.36 | -46.00 | -1.94 | 0.00 | -3.20 | -13.85 | -10.68 | -100.79 | -9.69 | -0.12 | -0.20 | 0.00 | -0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.20 | -3.53 | 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 | 45.60 | 55.54 | 38.76 | 32.75 | 38.41 | 46.36 | 47.90 | 129.21 | 55.63 | 43.92 | 46.94 | 62.47 | 64.52 | 32.69 | -73.62 | 90.18 | 50.60 | 35.39 | 38.33 | 35.28 | 35.97 | 33.84 | 31.91 | 32.42 |
| 23571 | 1.49 | 0.37 | 1.42 | 1.21 | 1.25 | 1.24 | 1.46 | 1.18 | 1.93 | 1.84 | 2.01 | 2.76 | 2.91 | 1.34 | -2.32 | 3.00 | 1.50 | 0.96 | 1.25 | 1.24 | 1.34 | 1.30 | 1.13 | 1.11 |
| | -5.36 | -46.00 | -1.94 | 0.00 | -3.20 | -13.85 | -10.68 | -100.79 | -9.69 | -0.12 | -0.20 | 0.00 | -0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.20 | -3.53 | 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 | 45.60 | 55.54 | 38.76 | 32.75 | 38.41 | 46.36 | 47.90 | 129.21 | 55.63 | 43.92 | 46.94 | 62.47 | 64.52 | 32.69 | -73.62 | 90.18 | 50.60 | 35.39 | 38.33 | 35.28 | 35.97 | 33.84 | 31.91 | 32.42 |
| 23572 | 1.49 | 0.37 | 1.42 | 1.21 | 1.25 | 1.24 | 1.46 | 1.18 | 1.93 | 1.84 | 2.01 | 2.76 | 2.91 | 1.34 | -2.32 | 3.00 | 1.50 | 0.96 | 1.25 | 1.24 | 1.34 | 1.30 | 1.13 | 1.11 |
| | -5.36 | -46.00 | -1.94 | 0.00 | -3.20 | -13.85 | -10.68 | -100.79 | -9.69 | -0.12 | -0.20 | 0.00 | -0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.20 | -3.53 | 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 | 45.60 | 55.54 | 38.76 | 32.75 | 38.41 | 46.36 | 47.90 | 129.21 | 55.63 | 43.92 | 46.94 | 62.47 | 64.52 | 32.69 | -73.62 | 90.18 | 50.60 | 35.39 | 38.33 | 35.28 | 35.97 | 33.84 | 31.91 | 32.42 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|--------------------------------|------------------------------|-----------------------------|
| 23573 | 1.49 -5.36 N | 0.37 -46.00 N | 1.42 -1.94 N | 1.21 0.00 N | 1.25 -3.20 N | 1.24 -13.85 N | 1.46 -10.68 N | 1.18 -100.79 N | 1.93 -9.69 N | 1.84 -0.12 N | 2.01 -0.20 N | 2.76 0.00 N | 2.91 -0.52 N | 1.34 0.00 N | -2.32 0.00 N | 3.00 0.00 N | 1.50 0.00 N | 0.96 0.00 N | 1.25 0.00 N | 1.24 0.00 N | 1.34 0.00 N | 1.30 -1.20 N | 1.13 -3.53 N | 1.11 0.00 N |
| ALBANY____4 23574 | 45.60 1.49 -5.36 N | 55.54 0.37 -46.00 N | 38.76 1.42 -1.94 N | 32.75 1.21 0.00 N | 38.41 1.25 -3.20 N | 46.36 1.24 -13.85 N | 47.90 1.46 -10.68 N | 129.21 1.18 -100.79 N | 55.63 1.93 -9.69 N | 43.92 1.84 -0.12 N | 46.94 2.01 -0.20 N | 62.47 2.76 0.00 N | 64.52 2.91 -0.52 N | 32.69 1.34 0.00 N | -73.62 -2.32 0.00 N | 90.18 3.00 0.00 N | 50.60 1.50 0.00 N | 35.39 0.96 0.00 N | 38.33 1.25 0.00 N | 35.28 1.24 0.00 N | 35.97 1.34 0.00 N | 33.84 1.30 -1.20 N | 31.91 1.13 -3.53 N | 32.42 1.11 0.00 N |
| ALBANY____LFGE 323615 | 46.29 2.09 -5.46 N | 56.51 0.51 -46.84 N | 39.31 1.94 -1.98 N | 33.19 1.66 0.00 N | 38.97 1.74 -3.26 N | 47.08 1.70 -14.11 N | 48.65 2.02 -10.88 N | 131.50 1.65 -102.62 N | 56.60 2.72 -9.86 N | 44.68 2.60 -0.13 N | 47.79 2.85 -0.20 N | 63.65 3.94 0.00 N | 65.76 4.15 -0.53 N | 33.31 1.96 0.00 N | -74.91 -3.61 0.00 N | 91.70 4.51 0.00 N | 51.45 2.35 0.00 N | 35.98 1.55 0.00 N | 38.97 1.89 0.00 N | 35.84 1.81 0.00 N | 36.55 1.93 0.00 N | 34.37 1.80 -1.22 N | 32.40 1.55 -3.59 N | 32.86 1.55 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 37.37 -1.38 0.00 N | 8.85 -0.32 0.00 N | 34.55 -0.85 0.00 N | 30.82 -0.72 0.00 N | 33.23 -0.74 0.00 N | 30.37 -0.90 0.00 N | 34.55 -1.21 0.00 N | 26.20 -1.04 0.00 N | 42.45 -1.56 0.00 N | 40.37 -1.58 0.00 N | 42.83 -1.90 0.00 N | 57.18 -2.54 0.00 N | 58.46 -2.63 0.00 N | 30.08 -1.28 0.00 N | -69.81 1.50 0.00 N | 84.90 -2.29 0.00 N | 48.25 -0.85 0.00 N | 33.85 -0.58 0.00 N | 36.22 -0.86 0.00 N | 33.10 -0.94 0.00 N | 33.56 -1.07 0.00 N | 29.94 -1.40 0.00 N | 25.99 -1.26 0.00 N | 30.49 -0.82 0.00 N |
| ALLEGHENY____COGEN 23514 | 39.56 0.15 -0.66 N | 14.83 0.00 -5.65 N | 35.35 -0.29 -0.24 N | 31.23 -0.30 0.00 N | 34.24 -0.12 -0.39 N | 32.83 -0.14 -1.70 N | 36.94 -0.13 -1.31 N | 39.83 0.20 -12.38 N | 45.32 0.11 -1.19 N | 42.44 0.47 -0.02 N | 45.53 0.77 -0.02 N | 60.72 1.01 0.00 N | 62.30 1.15 -0.06 N | 32.36 1.01 0.00 N | -74.10 -2.79 0.00 N | 90.32 3.13 0.00 N | 49.90 0.79 0.00 N | 35.35 0.92 0.00 N | 37.81 0.73 0.00 N | 34.64 0.60 0.00 N | 35.25 0.62 0.00 N | 31.96 0.48 -0.13 N | 28.05 0.40 -0.40 N | 31.54 0.23 0.00 N |
| ALTONA_WT_PWR 323606 | 37.68 -1.07 0.00 N | 8.96 -0.21 0.00 N | 34.71 -0.68 0.00 N | 31.06 -0.48 0.00 N | 33.67 -0.29 0.00 N | 30.91 -0.36 0.00 N | 35.16 -0.59 0.00 N | 26.88 -0.35 0.00 N | 43.66 -0.36 0.00 N | 41.51 -0.44 0.00 N | 44.43 -0.31 0.00 N | 59.50 -0.21 0.00 N | 60.95 -0.14 0.00 N | 31.20 -0.15 0.00 N | -71.83 -0.53 0.00 N | 86.20 -0.99 0.00 N | 49.71 0.61 0.00 N | 35.04 0.61 0.00 N | 37.18 0.10 0.00 N | 33.80 -0.24 0.00 N | 34.03 -0.59 0.00 N | 30.35 -0.99 0.00 N | 26.27 -0.98 0.00 N | 30.52 -0.79 0.00 N |
| AMERICAN_REF_FUEL 24010 | 35.98 -3.37 -0.60 N | 13.55 -0.80 -5.18 N | 32.45 -3.16 -0.22 N | 28.72 -2.82 0.00 N | 31.53 -2.80 -0.36 N | 30.02 -2.81 -1.56 N | 33.23 -3.73 -1.20 N | 35.89 -2.69 -11.34 N | 40.15 -4.95 -1.09 N | 37.56 -4.41 -0.01 N | 40.16 -4.60 -0.02 N | 53.32 -6.39 0.00 N | 54.73 -6.42 -0.06 N | 28.78 -2.57 0.00 N | -66.84 4.47 0.00 N | 81.11 -6.08 0.00 N | 44.94 -4.16 0.00 N | 31.99 -2.43 0.00 N | 34.07 -3.01 0.00 N | 31.20 -2.84 0.00 N | 31.61 -3.01 0.00 N | 28.71 -2.75 -0.12 N | 25.29 -2.30 -0.34 N | 28.62 -2.69 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 101.26 4.42 -58.10 N | 49.91 1.05 -39.69 N | 46.90 4.00 -7.50 N | 35.01 3.48 0.01 N | 45.54 3.83 -7.74 N | 45.83 3.63 -10.93 N | 49.38 4.49 -9.13 N | 110.05 3.35 -79.46 N | 60.26 5.29 -10.96 N | 47.18 5.13 -0.10 N | 50.42 5.52 -0.16 N | 66.86 7.14 0.00 N | 69.05 7.08 -0.88 N | 204.40 3.16 -169.90 N | 259.38 -6.26 -336.95 N | 210.63 8.17 -115.26 N | 64.48 4.32 -11.07 N | 46.43 2.83 -9.17 N | 40.15 3.07 0.00 N | 37.12 3.09 0.00 N | 37.89 3.26 0.00 N | 35.49 3.20 -0.94 N | 33.02 2.98 -2.78 N | 34.71 3.41 0.00 N |
| ARTHUR_KILL_2 23512 | 101.26 4.42 -58.10 N | 49.91 1.05 -39.69 N | 46.90 4.00 -7.50 N | 35.01 3.48 0.01 N | 45.54 3.83 -7.74 N | 45.83 3.63 -10.93 N | 49.38 4.49 -9.13 N | 110.05 3.35 -79.46 N | 60.26 5.29 -10.96 N | 47.19 5.14 -0.10 N | 50.43 5.53 -0.16 N | 66.86 7.14 0.00 N | 69.05 7.08 -0.88 N | 204.40 3.16 -169.90 N | 259.38 -6.26 -336.95 N | 210.65 8.19 -115.26 N | 64.48 4.32 -11.07 N | 46.43 2.83 -9.17 N | 40.15 3.07 0.00 N | 37.12 3.09 0.00 N | 37.89 3.27 0.00 N | 35.49 3.20 -0.94 N | 33.03 2.99 -2.78 N | 34.71 3.41 0.00 N |
| ARTHUR_KILL_3 23513 | 59.43 4.28 -16.40 N | 49.88 1.03 -39.69 N | 46.81 3.91 -7.50 N | 34.91 3.37 0.00 N | 42.50 3.67 -4.87 N | 45.68 3.48 -10.92 N | 48.98 4.30 -8.93 N | 109.88 3.19 -79.45 N | 59.34 5.05 -10.28 N | 46.94 4.89 -0.10 N | 50.08 5.19 -0.16 N | 66.35 6.64 0.00 N | 63.66 6.54 3.97 N | 188.65 2.96 -154.34 N | 259.71 -5.93 -336.94 N | 210.00 7.56 -115.26 N | 52.92 3.82 0.00 N | 36.95 2.53 0.00 N | 39.92 2.84 0.00 N | 36.98 2.94 0.00 N | 37.79 3.17 0.00 N | 35.36 3.07 -0.94 N | 32.91 2.88 -2.78 N | 34.50 3.20 0.00 N |
| ASHOKAN____ 23654 | 47.31 4.05 -4.52 N | 48.93 0.94 -38.82 N | 40.58 3.54 -1.64 N | 34.61 3.08 0.00 N | 39.95 3.29 -2.70 N | 46.09 3.13 -11.69 N | 48.56 3.79 -9.01 N | 115.33 3.03 -85.06 N | 57.34 5.15 -8.18 N | 47.09 5.04 -0.10 N | 50.42 5.51 -0.17 N | 67.17 7.46 0.00 N | 69.21 7.69 -0.44 N | 156.55 3.80 -121.39 N | 161.55 -7.92 -240.77 N | 178.65 9.11 -82.36 N | 53.44 4.34 0.00 N | 37.41 2.98 0.00 N | 40.47 3.39 0.00 N | 37.39 3.35 0.00 N | 38.19 3.56 0.00 N | 35.70 3.34 -1.01 N | 33.16 2.93 -2.98 N | 34.33 3.03 0.00 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 47.48 4.51 -4.22 N | 46.51 1.09 -36.26 N | 41.11 4.19 -1.53 N | 35.15 3.61 -0.01 N | 40.38 3.89 -2.52 N | 45.87 3.68 -10.92 N | 48.72 4.55 -8.42 N | 110.07 3.39 -79.45 N | 57.08 5.44 -7.63 N | 47.30 5.25 -0.10 N | 69.43 5.62 -19.07 N | 162.17 7.12 -95.33 N | 137.60 6.79 -69.72 N | 196.58 2.90 -162.33 N | 258.04 -5.30 -334.65 N | 199.68 7.24 -105.24 N | 53.79 3.82 -0.87 N | 36.95 2.53 0.00 N | 39.90 2.82 0.00 N | 37.02 2.98 0.00 N | 66.20 3.25 -28.33 N | 149.37 3.12 -114.90 N | 84.42 3.01 -54.16 N | 34.76 3.45 0.00 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 47.50 4.53 -4.22 N | 46.52 1.09 -36.26 N | 41.12 4.20 -1.53 N | 35.16 3.62 -0.01 N | 40.39 3.90 -2.52 N | 45.88 3.69 -10.92 N | 48.73 4.56 -8.42 N | 110.09 3.40 -79.45 N | 57.10 5.45 -7.63 N | 47.31 5.25 -0.10 N | 69.44 5.63 -19.07 N | 162.19 7.14 -95.33 N | 137.64 6.83 -69.72 N | 196.59 2.91 -162.33 N | 258.04 -5.30 -334.65 N | 199.70 7.26 -105.24 N | 53.80 3.83 -0.87 N | 36.97 2.54 0.00 N | 39.92 2.84 0.00 N | 37.03 3.00 0.00 N | 66.21 3.26 -28.33 N | 149.39 3.14 -114.90 N | 84.43 3.02 -54.16 N | 34.77 3.46 0.00 N |
| ASTORIA_GT2_1 24094 | 47.51 4.54 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.89 3.70 -10.92 N | 48.74 4.57 -8.42 N | 110.09 3.41 -79.45 N | 57.12 5.47 -7.63 N | 47.32 5.27 -0.10 N | 69.46 5.65 -19.07 N | 162.22 7.17 -95.33 N | 137.66 6.85 -69.72 N | 196.61 2.93 -162.33 N | 258.06 -5.29 -334.65 N | 199.70 7.27 -105.24 N | 53.81 3.84 -0.87 N | 36.98 2.55 0.00 N | 39.93 2.85 0.00 N | 37.05 3.01 0.00 N | 66.23 3.28 -28.33 N | 149.40 3.15 -114.90 N | 84.43 3.02 -54.16 N | 34.78 3.47 0.00 N |

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| ASTORIA_GT2_2 24095 | 47.51 4.54 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.89 3.70 -10.92 N | 48.74 4.57 -8.42 N | 110.09 3.41 -79.45 N | 57.12 5.47 -7.63 N | 47.32 5.27 -0.10 N | 69.46 5.65 -19.07 N | 162.22 7.17 -95.33 N | 137.66 6.85 -69.72 N | 196.61 2.93 -162.33 N | 258.06 -5.29 -334.65 N | 199.70 7.27 -105.24 N | 53.81 3.84 -0.87 N | 36.98 2.55 0.00 N | 39.93 2.85 0.00 N | 37.05 3.01 0.00 N | 66.23 3.28 -28.33 N | 149.40 3.15 -114.90 N | 84.43 3.02 -54.16 N | 34.78 3.47 0.00 N |
| ASTORIA_GT2_3 24096 | 47.51 4.54 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.89 3.70 -10.92 N | 48.74 4.57 -8.42 N | 110.09 3.41 -79.45 N | 57.12 5.47 -7.63 N | 47.32 5.27 -0.10 N | 69.46 5.65 -19.07 N | 162.22 7.17 -95.33 N | 137.66 6.85 -69.72 N | 196.61 2.93 -162.33 N | 258.06 -5.29 -334.65 N | 199.70 7.27 -105.24 N | 53.81 3.84 -0.87 N | 36.98 2.55 0.00 N | 39.93 2.85 0.00 N | 37.05 3.01 0.00 N | 66.23 3.28 -28.33 N | 149.40 3.15 -114.90 N | 84.43 3.02 -54.16 N | 34.78 3.47 0.00 N |
| ASTORIA_GT2_4 24097 | 47.51 4.54 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.89 3.70 -10.92 N | 48.74 4.57 -8.42 N | 110.09 3.41 -79.45 N | 57.12 5.47 -7.63 N | 47.32 5.27 -0.10 N | 69.46 5.65 -19.07 N | 162.22 7.17 -95.33 N | 137.66 6.85 -69.72 N | 196.61 2.93 -162.33 N | 258.06 -5.29 -334.65 N | 199.70 7.27 -105.24 N | 53.81 3.84 -0.87 N | 36.98 2.55 0.00 N | 39.93 2.85 0.00 N | 37.05 3.01 0.00 N | 66.23 3.28 -28.33 N | 149.40 3.15 -114.90 N | 84.43 3.02 -54.16 N | 34.78 3.47 0.00 N |
| ASTORIA_GT3_1 24098 | 47.51 4.54 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.89 3.70 -10.92 N | 48.74 4.57 -8.42 N | 110.09 3.41 -79.45 N | 57.12 5.47 -7.63 N | 47.32 5.27 -0.10 N | 69.46 5.65 -19.07 N | 162.22 7.17 -95.33 N | 137.66 6.85 -69.72 N | 196.61 2.93 -162.33 N | 258.06 -5.29 -334.65 N | 199.70 7.27 -105.24 N | 53.81 3.84 -0.87 N | 36.98 2.55 0.00 N | 39.93 2.85 0.00 N | 37.05 3.01 0.00 N | 66.23 3.28 -28.33 N | 149.40 3.15 -114.90 N | 84.43 3.02 -54.16 N | 34.78 3.47 0.00 N |
| ASTORIA_GT3_2 24099 | 47.51 4.54 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.89 3.70 -10.92 N | 48.74 4.57 -8.42 N | 110.09 3.41 -79.45 N | 57.12 5.47 -7.63 N | 47.32 5.27 -0.10 N | 69.46 5.65 -19.07 N | 162.22 7.17 -95.33 N | 137.66 6.85 -69.72 N | 196.61 2.93 -162.33 N | 258.06 -5.29 -334.65 N | 199.70 7.27 -105.24 N | 53.81 3.84 -0.87 N | 36.98 2.55 0.00 N | 39.93 2.85 0.00 N | 37.05 3.01 0.00 N | 66.23 3.28 -28.33 N | 149.40 3.15 -114.90 N | 84.43 3.02 -54.16 N | 34.78 3.47 0.00 N |
| ASTORIA_GT3_3 24100 | 47.51 4.54 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.89 3.70 -10.92 N | 48.74 4.57 -8.42 N | 110.09 3.41 -79.45 N | 57.12 5.47 -7.63 N | 47.32 5.27 -0.10 N | 69.46 5.65 -19.07 N | 162.22 7.17 -95.33 N | 137.66 6.85 -69.72 N | 196.61 2.93 -162.33 N | 258.06 -5.29 -334.65 N | 199.70 7.27 -105.24 N | 53.81 3.84 -0.87 N | 36.98 2.55 0.00 N | 39.93 2.85 0.00 N | 37.05 3.01 0.00 N | 66.23 3.28 -28.33 N | 149.40 3.15 -114.90 N | 84.43 3.02 -54.16 N | 34.78 3.47 0.00 N |
| ASTORIA_GT3_4 24101 | 47.51 4.54 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4. | | | | | | | | | | | | | | | | | | | | | |

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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 |
| ASTORIA_GT_12 24226 | 47.47 4.50 -4.22 N | 46.50 1.08 -36.26 N | 41.07 4.14 -1.53 N | 35.16 3.62 -0.01 N | 40.36 3.88 -2.52 N | 45.83 3.64 -10.92 N | 48.66 4.48 -8.42 N | 109.98 3.30 -79.45 N | 56.91 5.26 -7.63 N | 47.17 5.12 -0.10 N | 53.66 5.45 -3.48 N | 66.60 6.88 0.00 N | 68.18 6.69 -0.41 N | 204.18 2.94 -169.89 N | 260.02 -5.61 -336.94 N | 209.77 7.32 -115.26 N | 52.91 3.81 0.00 N | 36.95 2.52 0.00 N | 39.89 2.81 0.00 N | 36.97 2.94 0.00 N | 37.85 3.22 0.00 N | 35.43 3.14 -0.94 N | 33.01 2.98 -2.78 N | 34.68 3.37 0.00 N | |
| ASTORIA_GT_13 24227 | 47.47 4.50 -4.22 N | 46.50 1.08 -36.26 N | 41.07 4.14 -1.53 N | 35.16 3.62 -0.01 N | 40.36 3.88 -2.52 N | 45.83 3.64 -10.92 N | 48.66 4.48 -8.42 N | 109.98 3.30 -79.45 N | 56.91 5.26 -7.63 N | 47.17 5.12 -0.10 N | 53.66 5.45 -3.48 N | 66.60 6.88 0.00 N | 68.18 6.69 -0.41 N | 204.18 2.94 -169.89 N | 260.02 -5.61 -336.94 N | 209.77 7.32 -115.26 N | 52.91 3.81 0.00 N | 36.95 2.52 0.00 N | 39.89 2.81 0.00 N | 36.97 2.94 0.00 N | 37.85 3.22 0.00 N | 35.43 3.14 -0.94 N | 33.01 2.98 -2.78 N | 34.68 3.37 0.00 N | |
| ASTORIA_GT_5 24106 | 47.51 4.54 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.89 3.70 -10.92 N | 48.74 4.57 -8.42 N | 110.09 3.41 -79.45 N | 57.12 5.47 -7.63 N | 47.32 5.27 -0.10 N | 69.46 5.65 -19.07 N | 162.22 7.17 -95.33 N | 137.66 6.85 -69.72 N | 196.61 2.93 -162.33 N | 258.06 -5.29 -334.65 N | 199.70 7.27 -105.24 N | 53.81 3.84 -0.87 N | 36.98 2.55 0.00 N | 39.93 2.85 0.00 N | 37.05 3.01 0.00 N | 66.23 3.28 -28.33 N | 149.40 3.15 -114.90 N | 84.43 3.02 -54.16 N | 34.78 3.47 0.00 N | |
| ASTORIA_GT_7 24107 | 47.51 4.54 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.89 3.70 -10.92 N | 48.74 4.57 -8.42 N | 110.09 3.41 -79.45 N | 57.12 5.47 -7.63 N | 47.32 5.27 -0.10 N | 69.46 5.65 -19.07 N | 162.22 7.17 -95.33 N | 137.66 6.85 -69.72 N | 196.61 2.93 -162.33 N | 258.06 -5.29 -334.65 N | 199.70 7.27 -105.24 N | 53.81 3.84 -0.87 N | 36.98 2.55 0.00 N | 39.93 2.85 0.00 N | 37.05 3.01 0.00 N | 66.23 3.28 -28.33 N | 149.40 3.15 -114.90 N | 84.43 3.02 -54.16 N | 34.78 3.47 0.00 N | |
| ASTORIA_GT_8 24108 | 47.51 4.54 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.89 3.70 -10.92 N | 48.74 4.57 -8.42 N | 110.09 3.41 -79.45 N | 57.12 5.47 -7.63 N | 47.32 5.27 -0.10 N | 69.46 5.65 -19.07 N | 162.22 7.17 -95.33 N | 137.66 6.85 -69.72 N | 196.61 2.93 -162.33 N | 258.06 -5.29 -334.65 N | 199.70 7.27 -105.24 N | 53.81 3.84 -0.87 N | 36.98 2.55 0.00 N | 39.93 2.85 0.00 N | 37.05 3.01 0.00 N | 66.23 3.28 -28.33 N | 149.40 3.15 -114.90 N | 84.43 3.02 -54.16 N | 34.78 3.47 0.00 N | |
| ASTORIA___2 24149 | 47.51 4.54 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.89 3.70 -10.92 N | 48.74 4.57 -8.42 N | 110.09 3.41 -79.45 N | 57.12 5.47 -7.63 N | 47.32 5.27 -0.10 N | 69.46 5.65 -19.07 N | 162.22 7.17 -95.33 N | 137.66 6.85 -69.72 N | 196.61 2.93 -162.33 N | 258.06 -5.29 -334.65 N | 199.70 7.27 -105.24 N | 53.81 3.84 -0.87 N | 36.98 2.55 0.00 N | 39.93 2.85 0.00 N | 37.05 3.01 0.00 N | 66.23 3.28 -28.33 N | 149.40 3.15 -114.90 N | 84.43 3.02 -54.16 N | 34.78 3.47 0.00 N | |
| ASTORIA___3 23516 | 47.47 4.50 -4.22 N | 46.50 1.08 -36.26 N | 41.07 4.14 -1.53 N | 35.16 3.62 -0.01 N | 40.36 3.88 -2.52 N | 45.83 3.64 -10.92 N | 48.66 4.48 -8.42 N | 109.98 3.30 -79.45 N | 56.91 5.26 -7.63 N | 47.17 5.12 -0.10 N | 53.66 5.45 -3.48 N | 66.60 6.88 0.00 N | 68.18 6.69 -0.41 N | 204.17 2.94 -169.89 N | 260.02 -5.61 -336.94 N | 209.77 7.32 -115.26 N | 52.91 3.81 0.00 N | 36.95 2.52 0.00 N | 39.89 2.81 0.00 N | 36.97 2.94 0.00 N | 37.85 3.22 0.00 N | 35.43 3.14 -0.94 N | 33.01 2.98 -2.78 N | 34.68 3.37 0.00 N | |
| ASTORIA___4 23517 | 47.50 4.54 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.89 3.70 -10.92 N | 48.74 4.57 -8.42 N | 110.09 3.41 -79.45 N | 57.12 5.47 -7.63 N | 47.32 5.27 -0.10 N | 69.46 5.65 -19.07 N | 162.21 7.17 -95.33 N | 137.65 6.84 -69.72 N | 196.61 2.93 -162.33 N | 258.06 -5.29 -334.65 N | 199.70 7.27 -105.24 N | 53.81 3.84 -0.87 N | 36.98 2.55 0.00 N | 39.93 2.85 0.00 N | 37.04 3.01 0.00 N | 66.23 3.28 -28.33 N | 149.40 3.15 -114.90 N | 84.43 3.02 -54.16 N | 34.78 3.47 0.00 N | |
| ASTORIA___5 23518 | 47.47 4.50 -4.22 N | 46.50 1.08 -36.26 N | 41.07 4.14 -1.53 N | 35.16 3.62 -0.01 N | 40.36 3.88 -2.52 N | 45.83 3.64 -10.92 N | 48.66 4.48 -8.42 N | 109.98 3.30 -79.45 N | 56.91 5.26 -7.63 N | 47.17 5.12 -0.10 N | 53.66 5.45 -3.48 N | 66.60 6.88 0.00 N | 68.18 6.69 -0.41 N | 204.17 2.94 -169.89 N | 260.02 -5.61 -336.94 N | 209.77 7.32 -115.26 N | 52.91 3.81 0.00 N | 36.95 2.52 0.00 N | 39.89 2.81 0.00 N | 36.97 2.94 0.00 N | 37.84 3.22 0.00 N | 35.43 3.14 -0.94 N | 33.01 2.98 -2.78 N | 34.68 3.37 0.00 N | |
| ATHENS_STG_1 23668 | 45.80 2.39 -4.66 N | 49.79 0.58 -40.04 N | 39.30 2.21 -1.69 N | 33.48 1.95 0.00 N | 38.81 2.06 -2.78 N | 45.29 1.96 -12.06 N | 47.37 2.31 -9.30 N | 116.74 1.78 -87.73 N | 55.26 2.81 -8.43 N | 44.76 2.69 -0.11 N | 47.79 2.88 -0.17 N | 63.53 3.82 0.00 N | 65.42 3.88 -0.45 N | -44.68 1.84 77.87 N | -229.23 -3.48 154.44 N | 38.74 4.39 52.83 N | 51.28 2.19 0.00 N | 35.86 1.43 0.00 N | 38.78 1.70 0.00 N | 35.75 1.71 0.00 N | 36.49 1.87 0.00 N | 34.21 1.83 -1.04 N | 32.00 1.68 -3.07 N | 33.10 1.80 0.00 N | |
| ATHENS_STG_2 23670 | 45.80 2.39 -4.66 N | 49.79 0.58 -40.04 N | 39.30 2.21 -1.69 N | 33.48 1.95 0.00 N | 38.81 2.06 -2.78 N | 45.29 1.96 -12.06 N | 47.37 2.31 -9.30 N | 116.74 1.78 -87.73 N | 55.26 2.81 -8.43 N | 44.76 2.69 -0.11 N | 47.79 2.88 -0.17 N | 63.53 3.82 0.00 N | 65.42 3.88 -0.45 N | -44.68 1.84 77.87 N | -229.23 -3.48 154.44 N | 38.74 4.39 52.83 N | 51.28 2.19 0.00 N | 35.86 1.43 0.00 N | 38.78 1.70 0.00 N | 35.75 1.71 0.00 N | 36.49 1.87 0.00 N | 34.21 1.83 -1.04 N | 32.00 1.68 -3.07 N | 33.10 1.80 0.00 N | |
| ATHENS_STG_3 23677 | 45.80 2.39 -4.66 N | 49.79 0.58 -40.04 N | 39.30 2.21 -1.69 N | 33.48 1.95 0.00 N | 38.81 2.06 -2.78 N | 45.29 1.96 -12.06 N | 47.37 2.31 -9.30 N | 116.74 1.78 -87.73 N | 55.26 2.81 -8.43 N | 44.76 2.69 -0.11 N | 47.79 2.88 -0.17 N | 63.53 3.82 0.00 N | 65.42 3.88 -0.45 N | -44.68 1.84 77.87 N | -229.23 -3.48 154.44 N | 38.74 4.39 52.83 N | 51.28 2.19 0.00 N | 35.86 1.43 0.00 N | 38.78 1.70 0.00 N | 35.75 1.71 0.00 N | 36.49 1.87 0.00 N | 34.21 1.83 -1.04 N | 32.00 1.68 -3.07 N | 33.10 1.80 0.00 N | |
| BARRETT_IC_1 23704 | 47.68 4.49 -4.45 N | 46.56 1.12 -36.27 N | 43.19 4.49 -3.31 N | 41.60 3.94 -6.13 N | 43.74 4.20 -5.57 N | 48.01 3.91 -12.82 N | 55.38 4.75 -14.88 N | 110.01 3.31 -79.46 N | 57.94 5.38 -8.54 N | 60.82 5.21 -13.65 N | 60.13 5.46 -9.93 N | 69.97 7.11 -3.15 N | 68.62 7.13 -0.41 N | 204.18 2.89 -169.94 N | 260.41 -5.33 -337.05 N | 209.94 7.46 -115.30 N | 53.26 4.16 0.00 N | 37.18 2.75 0.00 N | 40.20 3.12 0.00 N | 39.36 3.10 -2.22 N | 41.17 3.64 -2.90 N | 36.18 3.44 -1.40 N | 33.69 3.28 -3.16 N | 41.11 3.63 -6.17 N | |
| BARRETT_IC_10 | 47.68 | 46.56 | 43.19 | 41.60 | 43.74 | 48.01 | 55.38 | 110.01 | 57.94 | 60.82 | 60.13 | 69.97 | 68.62 | 204.18 | 260.41 | 209.94 | 53.26 | 37.18 | 40.20 | 39.36 | 41.17 | 36.18 | 33.69 | 41.11 | |

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| 23701 | 4.49 -4.45 N | 1.12 -36.27 N | 4.49 -3.31 N | 3.94 -6.13 N | 4.20 -5.57 N | 3.91 -12.82 N | 4.75 -14.88 N | 3.31 -79.46 N | 5.38 -8.54 N | 5.21 -13.65 N | 5.46 -9.93 N | 7.11 -3.15 N | 7.13 -0.41 N | 2.89 -169.94 N | -5.33 -337.05 N | 7.46 -115.30 N | 4.16 0.00 N | 2.75 0.00 N | 3.12 0.00 N | 3.10 -2.22 N | 3.64 -2.90 N | 3.44 -1.40 N | 3.28 -3.16 N | 3.63 -6.17 N |
| BARRETT_IC_11 23702 | 47.68 4.49 -4.45 N | 46.56 1.12 -36.27 N | 43.19 4.49 -3.31 N | 41.60 3.94 -6.13 N | 43.74 4.20 -5.57 N | 48.01 3.91 -12.82 N | 55.38 4.75 -14.88 N | 110.01 3.31 -79.46 N | 57.94 5.38 -8.54 N | 60.82 5.21 -13.65 N | 60.13 5.46 -9.93 N | 69.97 7.11 -3.15 N | 68.62 7.13 -0.41 N | 204.18 2.89 -169.94 N | 260.41 -5.33 -337.05 N | 209.94 7.46 -115.30 N | 53.26 4.16 0.00 N | 37.18 2.75 0.00 N | 40.20 3.12 0.00 N | 39.36 3.10 -2.22 N | 41.17 3.64 -2.90 N | 36.18 3.44 -1.40 N | 33.69 3.28 -3.16 N | 41.11 3.63 -6.17 N |
| BARRETT_IC_12 23703 | 47.68 4.49 -4.45 N | 46.56 1.12 -36.27 N | 43.19 4.49 -3.31 N | 41.60 3.94 -6.13 N | 43.74 4.20 -5.57 N | 48.01 3.91 -12.82 N | 55.38 4.75 -14.88 N | 110.01 3.31 -79.46 N | 57.94 5.38 -8.54 N | 60.82 5.21 -13.65 N | 60.13 5.46 -9.93 N | 69.97 7.11 -3.15 N | 68.62 7.13 -0.41 N | 204.18 2.89 -169.94 N | 260.41 -5.33 -337.05 N | 209.94 7.46 -115.30 N | 53.26 4.16 0.00 N | 37.18 2.75 0.00 N | 40.20 3.12 0.00 N | 39.36 3.10 -2.22 N | 41.17 3.64 -2.90 N | 36.18 3.44 -1.40 N | 33.69 3.28 -3.16 N | 41.11 3.63 -6.17 N |
| BARRETT_IC_2 23705 | 47.68 4.49 -4.45 N | 46.56 1.12 -36.27 N | 43.19 4.49 -3.31 N | 41.60 3.94 -6.13 N | 43.74 4.20 -5.57 N | 48.01 3.91 -12.82 N | 55.38 4.75 -14.88 N | 110.01 3.31 -79.46 N | 57.94 5.38 -8.54 N | 60.82 5.21 -13.65 N | 60.13 5.46 -9.93 N | 69.97 7.11 -3.15 N | 68.62 7.13 -0.41 N | 204.18 2.89 -169.94 N | 260.41 -5.33 -337.05 N | 209.94 7.46 -115.30 N | 53.26 4.16 0.00 N | 37.18 2.75 0.00 N | 40.20 3.12 0.00 N | 39.36 3.10 -2.22 N | 41.17 3.64 -2.90 N | 36.18 3.44 -1.40 N | 33.69 3.28 -3.16 N | 41.11 3.63 -6.17 N |
| BARRETT_IC_3 23706 | 47.68 4.49 -4.45 N | 46.56 1.12 -36.27 N | 43.19 4.49 -3.31 N | 41.60 3.94 -6.13 N | 43.74 4.20 -5.57 N | 48.01 3.91 -12.82 N | 55.38 4.75 -14.88 N | 110.01 3.31 -79.46 N | 57.94 5.38 -8.54 N | 60.82 5.21 -13.65 N | 60.13 5.46 -9.93 N | 69.97 7.11 -3.15 N | 68.62 7.13 -0.41 N | 204.18 2.89 -169.94 N | 260.41 -5.33 -337.05 N | 209.94 7.46 -115.30 N | 53.26 4.16 0.00 N | 37.18 2.75 0.00 N | 40.20 3.12 0.00 N | 39.36 3.10 -2.22 N | 41.17 3.64 -2.90 N | 36.18 3.44 -1.40 N | 33.69 3.28 -3.16 N | 41.11 3.63 -6.17 N |
| BARRETT_IC_4 23707 | 47.68 4.49 -4.45 N | 46.56 1.12 -36.27 N | 43.19 4.49 -3.31 N | 41.60 3.94 -6.13 N | 43.74 4.20 -5.57 N | 48.01 3.91 -12.82 N | 55.38 4.75 -14.88 N | 110.01 3.31 -79.46 N | 57.94 5.38 -8.54 N | 60.82 5.21 -13.65 N | 60.13 5.46 -9.93 N | 69.97 7.11 -3.15 N | 68.62 7.13 -0.41 N | 204.18 2.89 -169.94 N | 260.41 -5.33 -337.05 N | 209.94 7.46 -115.30 N | 53.26 4.16 0.00 N | 37.18 2.75 0.00 N | 40.20 3.12 0.00 N | 39.36 3.10 -2.22 N | 41.17 3.64 -2.90 N | 36.18 3.44 -1.40 N | 33.69 3.28 -3.16 N | 41.11 3.63 -6.17 N |
| BARRETT_IC_5 23708 | 47.68 4.49 -4.45 N | 46.56 1.12 -36.27 N | 43.19 4.49 -3.31 N | 41.60 3.94 -6.13 N | 43.74 4.20 -5.57 N | 48.01 3.91 -12.82 N | 55.38 4.75 -14.88 N | 110.01 3.31 -79.46 N | 57.94 5.38 -8.54 N | 60.82 5.21 -13.65 N | 60.13 5.46 -9.93 N | 69.97 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|---------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| BEEBEE_GT_13 23619 | 39.30 0.09 -0.47 N | 13.16 -0.04 -4.03 N | 35.08 -0.48 -0.17 N | 30.92 -0.62 0.00 N | 33.61 -0.63 -0.28 N | 31.91 -0.58 -1.22 N | 36.09 -0.60 -0.94 N | 36.08 0.00 -8.84 N | 44.92 0.05 -0.85 N | 42.63 0.67 -0.01 N | 45.69 0.93 -0.02 N | 60.92 1.21 0.00 N | 62.58 1.45 -0.04 N | 32.51 1.16 0.00 N | -74.72 -3.41 0.00 N | 90.85 3.66 0.00 N | 50.52 1.42 0.00 N | 35.71 1.28 0.00 N | 38.10 1.02 0.00 N | 34.70 0.66 0.00 N | 35.17 0.55 0.00 N | 31.82 0.38 -0.09 N | 27.65 0.11 -0.28 N | 31.05 -0.25 0.00 N |
| BETHLEHEM___GRP 23843 | 45.60 1.49 -5.36 N | 55.54 0.37 -46.00 N | 38.76 1.42 -1.94 N | 32.75 1.21 0.00 N | 38.41 1.25 -3.20 N | 46.36 1.24 -13.85 N | 47.90 1.46 -10.68 N | 129.21 1.18 -100.79 N | 55.63 1.93 -9.69 N | 43.92 1.84 -0.12 N | 46.94 2.01 -0.20 N | 62.47 2.76 0.00 N | 64.52 2.91 -0.52 N | 32.69 1.34 0.00 N | -73.62 -2.32 0.00 N | 90.18 3.00 0.00 N | 50.60 1.50 0.00 N | 35.39 0.96 0.00 N | 38.33 1.25 0.00 N | 35.28 1.24 0.00 N | 35.97 1.34 0.00 N | 33.84 1.30 -1.20 N | 31.91 1.13 -3.53 N | 32.42 1.11 0.00 N |
| BETHLEHEM___GS1 323560 | 45.60 1.49 -5.36 N | 55.54 0.37 -46.00 N | 38.76 1.42 -1.94 N | 32.75 1.21 0.00 N | 38.41 1.25 -3.20 N | 46.36 1.24 -13.85 N | 47.90 1.46 -10.68 N | 129.21 1.18 -100.79 N | 55.63 1.93 -9.69 N | 43.92 1.84 -0.12 N | 46.94 2.01 -0.20 N | 62.47 2.76 0.00 N | 64.52 2.91 -0.52 N | 32.69 1.34 0.00 N | -73.62 -2.32 0.00 N | 90.18 3.00 0.00 N | 50.60 1.50 0.00 N | 35.39 0.96 0.00 N | 38.33 1.25 0.00 N | 35.28 1.24 0.00 N | 35.97 1.34 0.00 N | 33.84 1.30 -1.20 N | 31.91 1.13 -3.53 N | 32.42 1.11 0.00 N |
| BETHLEHEM___GS2 323561 | 45.60 1.49 -5.36 N | 55.54 0.37 -46.00 N | 38.76 1.42 -1.94 N | 32.75 1.21 0.00 N | 38.41 1.25 -3.20 N | 46.36 1.24 -13.85 N | 47.90 1.46 -10.68 N | 129.21 1.18 -100.79 N | 55.63 1.93 -9.69 N | 43.92 1.84 -0.12 N | 46.94 2.01 -0.20 N | 62.47 2.76 0.00 N | 64.52 2.91 -0.52 N | 32.69 1.34 0.00 N | -73.62 -2.32 0.00 N | 90.18 3.00 0.00 N | 50.60 1.50 0.00 N | 35.39 0.96 0.00 N | 38.33 1.25 0.00 N | 35.28 1.24 0.00 N | 35.97 1.34 0.00 N | 33.84 1.30 -1.20 N | 31.91 1.13 -3.53 N | 32.42 1.11 0.00 N |
| BETHLEHEM___GS3 323562 | 45.60 1.49 -5.36 N | 55.54 0.37 -46.00 N | 38.76 1.42 -1.94 N | 32.75 1.21 0.00 N | 38.41 1.25 -3.20 N | 46.36 1.24 -13.85 N | 47.90 1.46 -10.68 N | 129.21 1.18 -100.79 N | 55.63 1.93 -9.69 N | 43.92 1.84 -0.12 N | 46.94 2.01 -0.20 N | 62.47 2.76 0.00 N | 64.52 2.91 -0.52 N | 32.69 1.34 0.00 N | -73.62 -2.32 0.00 N | 90.18 3.00 0.00 N | 50.60 1.50 0.00 N | 35.39 0.96 0.00 N | 38.33 1.25 0.00 N | 35.28 1.24 0.00 N | 35.97 1.34 0.00 N | 33.84 1.30 -1.20 N | 31.91 1.13 -3.53 N | 32.42 1.11 0.00 N |
| BETHLEHEM___STEEL 23779 | 36.45 -2.95 -0.65 N | 14.04 -0.71 -5.58 N | 32.80 -2.83 -0.23 N | 29.02 -2.51 0.00 N | 31.89 -2.46 -0.39 N | 30.46 -2.49 -1.68 N | 33.81 -3.24 -1.30 N | 37.15 -2.31 -12.23 N | 40.90 -4.29 -1.18 N | 38.17 -3.80 -0.02 N | 40.87 -3.89 -0.02 N | 54.37 -5.34 0.00 N | 55.86 -5.29 -0.06 N | 29.27 -2.08 0.00 N | -67.54 3.77 0.00 N | 82.11 -5.07 0.00 N | 45.30 -3.80 0.00 N | 32.27 -2.16 0.00 N | 34.41 -2.67 0.00 N | 31.55 -2.48 0.00 N | 32.03 -2.59 0.00 N | 29.11 -2.36 -0.12 N | 25.67 -1.94 -0.36 N | 29.04 -2.27 0.00 N |
| BETHPAGE_CC_5 323564 | 47.93 4.74 -4.45 N | 46.61 1.17 -36.27 N | 43.37 4.66 -3.31 N | 41.77 4.11 -6.12 N | 41.29 4.42 -2.91 N | 48.19 4.10 -12.82 N | 55.66 5.02 -14.88 N | 110.31 3.61 -79.46 N | 58.38 5.82 -8.54 N | 61.28 5.67 -13.65 N | 60.55 5.88 -9.93 N | 70.56 7.70 -3.15 N | 69.19 7.70 -0.41 N | 204.59 3.30 -169.94 N | 259.29 -6.45 -337.05 N | 210.92 8.44 -115.30 N | 53.76 4.66 0.00 N | 37.49 3.06 0.00 N | 40.53 3.45 0.00 N | 39.67 3.41 -2.22 N | 41.52 4.00 -2.90 N | 36.43 3.68 -1.40 N | 33.86 3.45 -3.16 N | 37.76 3.90 -2.56 N |
| BINGHAMTON___COGEN 23790 | 40.45 0.33 -1.37 N | 21.02 0.06 -11.79 N | 36.07 0.18 -0.50 N | 31.76 0.23 0.00 N | 35.12 0.33 -0.82 N | 35.08 0.26 -3.55 N | 38.87 0.38 -2.74 N | 53.41 0.34 -25.83 N | 46.88 0.38 -2.48 N | 42.44 0.45 -0.03 N | 45.41 0.62 -0.05 N | 60.62 0.91 0.00 N | 62.16 0.94 -0.13 N | 37.54 0.48 -5.70 N | -60.45 -0.46 -11.32 N | 91.97 0.90 -3.88 N | 49.64 0.55 0.00 N | 34.91 0.48 0.00 N | 37.64 0.56 0.00 N | 34.68 0.64 0.00 N | 35.34 0.71 0.00 N | 32.31 0.65 -0.31 N | 28.80 0.63 -0.91 N | 31.96 0.66 0.00 N |
| BLACK RIVER___HYD 24047 | 40.42 1.51 -0.16 N | 10.84 0.31 -1.37 N | 36.64 1.19 -0.06 N | 32.60 1.06 0.00 N | 35.22 1.16 -0.09 N | 32.81 1.13 -0.41 N | 37.54 1.47 -0.32 N | 31.67 1.43 -3.00 N | 46.80 2.50 -0.29 N | 44.52 2.56 0.00 N | 47.46 2.71 -0.01 N | 63.59 3.88 0.00 N | 65.10 4.00 -0.02 N | 33.42 2.07 0.00 N | -76.01 -4.70 0.00 N | 92.71 5.52 0.00 N | 51.99 2.89 0.00 N | 36.49 2.06 0.00 N | 39.25 2.18 0.00 N | 36.00 1.96 0.00 N | 36.59 1.97 0.00 N | 32.99 1.61 -0.03 N | 28.57 1.23 -0.09 N | 32.75 1.44 0.00 N |
| BLISS_WT_PWR 323608 | 36.22 -3.21 -0.68 N | 14.55 -0.48 -5.87 N | 33.50 -2.14 -0.25 N | 29.50 -2.04 0.00 N | 32.50 -1.87 -0.41 N | 30.83 -2.21 -1.77 N | 34.33 -2.78 -1.36 N | 38.56 -1.54 -12.85 N | 42.17 -3.08 -1.24 N | 39.21 -2.76 -0.02 N | 42.33 -2.43 -0.03 N | 56.60 -3.11 0.00 N | 58.33 -2.83 -0.07 N | 30.35 -1.00 0.00 N | -70.32 0.98 0.00 N | 85.10 -2.09 0.00 N | 46.77 -2.33 0.00 N | 33.50 -0.93 0.00 N | 35.64 -1.44 0.00 N | 32.55 -1.49 0.00 N | 33.21 -1.42 0.00 N | 31.03 -0.44 -0.12 N | 27.23 -0.39 -0.37 N | 30.64 -0.67 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 45.79 1.74 -5.30 N | 55.09 0.42 -45.49 N | 38.94 1.62 -1.92 N | 32.95 1.41 0.00 N | 38.61 1.48 -3.16 N | 46.38 1.41 -13.70 N | 47.87 1.55 -10.56 N | 128.12 1.21 -99.68 N | 55.52 1.93 -9.58 N | 43.93 1.85 -0.12 N | 46.92 1.98 -0.20 N | 62.37 2.66 0.00 N | 64.32 2.72 -0.51 N | 32.61 1.26 0.00 N | -73.48 -2.18 0.00 N | 90.08 2.89 0.00 N | 50.54 1.44 0.00 N | 35.36 0.93 0.00 N | 38.25 1.17 0.00 N | 35.22 1.18 0.00 N | 35.93 1.31 0.00 N | 33.80 1.27 -1.18 N | 31.89 1.15 -3.49 N | 32.49 1.18 0.00 N |
| BOC_GAS_DRP 24189 | 45.73 1.63 -5.35 N | 55.54 0.40 -45.97 N | 38.86 1.52 -1.94 N | 32.87 1.33 0.00 N | 38.56 1.40 -3.20 N | 46.46 1.35 -13.84 N | 47.98 1.55 -10.67 N | 129.17 1.22 -100.71 N | 55.64 1.95 -9.68 N | 43.93 1.86 -0.12 N | 46.93 1.99 -0.20 N | 62.41 2.70 0.00 N | 64.38 2.78 -0.52 N | 25.57 1.30 7.08 N | -87.60 -2.25 14.04 N | 85.35 2.97 4.80 N | 50.59 1.49 0.00 N | 35.39 0.96 0.00 N | 38.29 1.21 0.00 N | 35.25 1.21 0.00 N | 35.95 1.32 0.00 N | 33.84 1.30 -1.20 N | 31.95 1.18 -3.53 N | 32.51 1.21 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 47.00 2.92 -5.34 N | 55.77 0.72 -45.88 N | 40.11 2.78 -1.94 N | 33.82 2.29 0.00 N | 39.55 2.40 -3.19 N | 47.40 2.31 -13.82 N | 48.98 2.57 -10.65 N | 129.83 2.08 -100.51 N | 57.03 3.35 -9.66 N | 45.07 2.99 -0.12 N | 48.20 3.26 -0.20 N | 64.41 4.69 0.00 N | 66.73 5.13 -0.51 N | 50.18 2.43 -16.39 N | -43.28 -4.49 -32.51 N | 103.65 5.34 -11.12 N | 51.98 2.88 0.00 N | 36.33 1.90 0.00 N | 39.64 2.56 0.00 N | 36.52 2.48 0.00 N | 37.22 2.59 0.00 N | 35.01 2.47 -1.19 N | 32.90 2.13 -3.52 N | 33.41 2.11 0.00 N |
| BOWLINE___1 23526 | 46.83 3.96 -4.12 N | 45.50 0.95 -35.38 N | 40.50 3.61 -1.49 N | 34.66 3.12 0.00 N | 39.80 3.37 -2.46 N | 45.07 3.15 -10.66 N | 47.83 3.86 -8.22 N | 107.60 2.85 -77.52 N | 55.87 4.41 -7.45 N | 46.28 4.23 -0.10 N | 49.37 4.47 -0.15 N | 65.57 5.86 0.00 N | 67.45 5.97 -0.40 N | 195.80 2.78 -161.67 N | 243.83 -5.50 -320.64 N | 203.75 6.88 -109.68 N | 52.46 3.36 0.00 N | 36.69 2.26 0.00 N | 39.61 2.53 0.00 N | 36.62 2.58 0.00 N | 37.48 2.85 0.00 N | 35.04 2.77 -0.92 N | 32.59 2.63 -2.72 N | 34.23 2.92 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 |
|------------------------|---------|---------|---------|---------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|
| BOWLINE___2 | 46.83 | 45.51 | 40.51 | 34.67 | 39.81 | 45.08 | 47.84 | 107.64 | 55.95 | 46.34 | 49.43 | 65.68 | 67.55 | 195.90 | 243.85 | 203.94 | 52.54 | 36.73 | 39.65 | 36.65 | 37.51 | 35.06 | 32.60 | 34.23 | |
| 23595 | 3.96 | 0.95 | 3.62 | 3.13 | 3.38 | 3.15 | 3.87 | 2.88 | 4.48 | 4.29 | 4.54 | 5.96 | 6.07 | 2.84 | -5.56 | 7.04 | 3.44 | 2.30 | 2.57 | 2.61 | 2.89 | 2.80 | 2.63 | 2.92 | |
| | -4.12 | -35.38 | -1.49 | 0.00 | -2.46 | -10.66 | -8.22 | -77.52 | -7.45 | -0.10 | -0.15 | 0.00 | -0.40 | -161.71 | -320.72 | -109.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.92 | -2.72 | 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 | |
| BROOKHAVEN___DRP | 47.80 | 46.66 | 43.65 | 42.05 | 41.47 | 48.48 | 56.05 | 110.48 | 58.56 | 61.77 | 60.79 | 70.03 | 68.40 | 204.01 | 260.41 | 209.30 | 53.22 | 37.15 | 40.43 | 39.69 | 42.25 | 36.98 | 34.24 | 37.75 | |
| 24191 | 4.60 | 1.22 | 4.94 | 4.40 | 4.75 | 4.39 | 5.42 | 3.78 | 6.00 | 6.16 | 6.12 | 7.17 | 6.90 | 2.72 | -5.33 | 6.82 | 4.12 | 2.72 | 3.35 | 3.43 | 4.72 | 4.23 | 3.83 | 4.10 | |
| | -4.45 | -36.27 | -3.31 | -6.12 | -2.75 | -12.82 | -14.88 | -79.46 | -8.54 | -13.65 | -9.93 | -3.15 | -0.41 | -169.94 | -337.05 | -115.30 | 0.00 | 0.00 | 0.00 | -2.22 | -2.90 | -1.40 | -3.16 | -2.34 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BROOKLYN_NAVY_YARD | 47.36 | 46.48 | 40.93 | 35.00 | 40.23 | 45.72 | 48.54 | 109.95 | 56.82 | 47.08 | 50.22 | 66.61 | 68.36 | 204.36 | 259.48 | 210.18 | 53.09 | 37.06 | 40.03 | 37.02 | 37.88 | 35.44 | 33.02 | 34.62 | |
| 23515 | 4.40 | 1.05 | 4.00 | 3.47 | 3.74 | 3.53 | 4.37 | 3.27 | 5.17 | 5.03 | 5.32 | 6.90 | 6.87 | 3.12 | -6.15 | 7.74 | 3.99 | 2.63 | 2.94 | 2.98 | 3.26 | 3.16 | 2.99 | 3.32 | |
| | -4.22 | -36.26 | -1.53 | 0.00 | -2.52 | -10.92 | -8.42 | -79.44 | -7.63 | -0.10 | -0.16 | 0.00 | -0.41 | -169.89 | -336.94 | -115.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.94 | -2.78 | 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 | |
| BROOKLYN___ARMY_DRP | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.46 | 271.86 | 235.45 | 394.13 | 401.95 | 292.66 | 196.39 | 191.13 | 195.81 | 195.83 | 195.82 | 195.78 | 178.83 | |
| 323595 | 4.76 | 1.14 | 4.37 | 3.81 | 4.06 | 3.83 | 4.71 | 3.50 | 5.53 | 5.36 | 5.71 | 7.24 | 7.15 | 3.18 | -6.20 | 7.99 | 4.16 | 2.76 | 3.06 | 3.12 | 3.35 | 3.26 | 3.06 | 3.47 | |
| | -139.79 | -183.63 | -162.06 | -111.68 | -31.50 | -10.93 | -119.72 | -157.80 | -131.02 | -206.01 | -227.09 | -204.50 | -203.63 | -200.92 | -471.63 | -306.78 | -239.40 | -159.20 | -151.00 | -158.65 | -157.86 | -161.21 | -165.47 | -144.06 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BROOME___LFGE | 40.45 | 21.02 | 36.07 | 31.76 | 35.12 | 35.08 | 38.87 | 53.41 | 46.88 | 42.44 | 45.41 | 60.62 | 62.16 | 37.54 | -60.45 | 91.97 | 49.64 | 34.91 | 37.64 | 34.68 | 35.34 | 32.31 | 28.80 | 31.96 | |
| 323600 | 0.33 | 0.06 | 0.18 | 0.23 | 0.33 | 0.26 | 0.38 | 0.34 | 0.38 | 0.45 | 0.62 | 0.91 | 0.94 | 0.48 | -0.46 | 0.90 | 0.55 | 0.48 | 0.56 | 0.64 | 0.71 | 0.65 | 0.63 | 0.66 | |
| | -1.37 | -11.79 | -0.50 | 0.00 | -0.82 | -3.55 | -2.74 | -25.83 | -2.48 | -0.03 | -0.05 | 0.00 | -0.13 | -5.70 | -11.32 | -3.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.31 | -0.91 | 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 | |
| BURROWS___LYONSDAL | 39.56 | 9.35 | 36.09 | 32.18 | 34.67 | 31.97 | 36.68 | 28.17 | 45.68 | 43.69 | 46.57 | 62.33 | 63.78 | 32.75 | -73.93 | 90.27 | 50.64 | 35.53 | 38.24 | 35.07 | 35.65 | 32.18 | 27.87 | 32.16 | |
| 23803 | 0.82 | 0.17 | 0.69 | 0.65 | 0.71 | 0.70 | 0.92 | 0.93 | 1.66 | 1.74 | 1.83 | 2.62 | 2.69 | 1.40 | -2.63 | 3.08 | 1.54 | 1.10 | 1.16 | 1.03 | 1.03 | 0.83 | 0.63 | 0.86 | |
| | 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 | |
| CAITHNESS_CC_1 | 47.77 | 46.64 | 43.56 | 41.97 | 41.38 | 48.40 | 55.95 | 110.42 | 58.49 | 61.66 | 60.72 | 70.03 | 68.36 | 204.00 | 260.40 | 209.22 | 53.20 | 37.13 | 40.43 | 39.69 | 42.12 | 36.88 | 34.18 | 37.70 | |
| 323624 | 4.57 | 1.20 | 4.86 | 4.31 | 4.67 | 4.31 | 5.32 | 3.72 | 5.93 | 6.06 | 6.05 | 7.17 | 6.87 | 2.71 | -5.35 | 6.74 | 4.10 | 2.70 | 3.35 | 3.43 | 4.60 | 4.14 | 3.77 | 4.05 | |
| | -4.45 | -36.27 | -3.31 | -6.12 | -2.75 | -12.82 | -14.88 | -79.46 | -8.54 | -13.65 | -9.93 | -3.15 | -0.41 | -169.94 | -337.05 | -115.30 | 0.00 | 0.00 | 0.00 | -2.22 | -2.90 | -1.40 | -3.16 | -2.34 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CALPINE_BETH_PAGE_GT4 | 48.02 | 46.63 | 43.42 | 41.80 | 41.38 | 48.23 | 55.71 | 110.38 | 58.48 | 61.32 | 60.60 | 70.66 | 69.29 | 204.66 | 259.15 | 211.09 | 53.83 | 37.55 | 40.58 | 39.71 | 41.55 | 36.45 | 33.88 | 37.89 | |
| 24209 | 4.83 | 1.19 | 4.71 | 4.14 | 4.46 | 4.14 | 5.08 | 3.68 | 5.93 | 5.71 | 5.94 | 7.80 | 7.80 | 3.37 | -6.60 | 8.60 | 4.74 | 3.12 | 3.50 | 3.45 | 4.02 | 3.70 | 3.47 | 3.96 | |
| | -4.45 | -36.27 | -3.31 | -6.12 | -2.96 | -12.82 | -14.88 | -79.46 | -8.54 | -13.65 | -9.93 | -3.15 | -0.41 | -169.94 | -337.05 | -115.30 | 0.00 | 0.00 | 0.00 | -2.22 | -2.90 | -1.40 | -3.16 | -2.62 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CALPINE_BETH_PAGE_GT_4 | 48.02 | 46.63 | 43.42 | 41.80 | 41.38 | 48.23 | 55.71 | 110.38 | 58.48 | 61.32 | 60.60 | 70.66 | 69.29 | 204.66 | 259.15 | 211.09 | 53.83 | 37.55 | 40.58 | 39.71 | 41.55 | 36.45 | 33.88 | 37.89 | |
| 323586 | 4.83 | 1.19 | 4.71 | 4.14 | 4.46 | 4.14 | 5.08 | 3.68 | 5.93 | 5.71 | 5.94 | 7.80 | 7.80 | 3.37 | -6.60 | 8.60 | 4.74 | 3.12 | 3.50 | 3.45 | 4.02 | 3.70 | 3.47 | 3.96 | |
| | -4.45 | -36.27 | -3.31 | -6.12 | -2.96 | -12.82 | -14.88 | -79.46 | -8.54 | -13.65 | -9.93 | -3.15 | -0.41 | -169.94 | -337.05 | -115.30 | 0.00 | 0.00 | 0.00 | -2.22 | -2.90 | -1.40 | -3.16 | -2.62 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CALPINE_BP_GT1 | 48.02 | 46.63 | 43.42 | 41.80 | 41.38 | 48.23 | 55.71 | 110.38 | 58.48 | 61.32 | 60.60 | 70.66 | 69.29 | 204.66 | 259.15 | 211.09 | 53.83 | 37.55 | 40.58 | 39.71 | 41.55 | 36.45 | 33.88 | 37.89 | |
| 23823 | 4.83 | 1.19 | 4.71 | 4.14 | 4.46 | 4.14 | 5.08 | 3.68 | 5.93 | 5.71 | 5.94 | 7.80 | 7.80 | 3.37 | -6.60 | 8.60 | 4.74 | 3.12 | 3.50 | 3.45 | 4.02 | 3.70 | 3.47 | 3.96 | |
| | -4.45 | -36.27 | -3.31 | -6.12 | -2.96 | -12.82 | -14.88 | -79.46 | -8.54 | -13.65 | -9.93 | -3.15 | -0.41 | -169.94 | -337.05 | -115.30 | 0.00 | 0.00 | 0.00 | -2.22 | -2.90 | -1.40 | -3.16 | -2.62 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CALSPAN___DRP | 36.45 | 14.04 | 32.80 | 29.02 | 31.89 | 30.46 | 33.81 | 37.15 | 40.90 | 38.17 | 40.87 | 54.37 | 55.86 | 29.27 | -67.54 | 82.11 | 45.30 | 32.27 | 34.41 | 31.55 | 32.03 | 29.11 | 25.67 | 29.04 | |
| 24200 | -2.95 | -0.71 | -2.83 | -2.51 | -2.46 | -2.49 | -3.24 | -2.31 | -4.29 | -3.80 | -3.89 | -5.34 | -5.29 | -2.08 | 3.77 | -5.07 | -3.80 | -2.16 | -2.67 | -2.48 | -2.59 | -2.36 | -1.94 | -2.27 | |
| | -0.65 | -5.58 | -0.23 | 0.00 | -0.39 | -1.68 | -1.30 | -12.23 | -1.18 | -0.02 | -0.02 | 0.00 | -0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.12 | -0.36 | 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 | |
| CANDIGU_WT_PWR | 38.38 | 15.99 | 34.48 | 30.52 | 33.60 | 32.50 | 36.33 | 42.15 | 43.99 | 40.77 | 43.77 | 58.42 | 60.05 | 31.06 | -70.47 | 86.03 | 47.27 | 33.57 | 36.06 | 33.26 | 33.90 | 30.78 | 27.32 | 30.81 | |
| 323617 | -1.20 | -0.30 | -1.22 | -1.02 | -0.86 | -0.92 | -1.08 | -0.69 | -1.53 | -1.21 | -1.00 | -1.29 | -1.12 | -0.29 | 0.83 | -1.16 | -1.83 | -0.86 | -1.02 | -0.78 | -0.73 | -0.74 | -0.43 | -0.50 | |
| | -0.83 | -7.12 | -0.30 | 0.00 | -0.49 | -2.15 | -1.65 | -15.60 | -1.50 | -0.02 | -0.03 | 0.00 | -0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.17 | -0.50 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CARR STREET_E_SYR | 38.99 | 12.08 | 35.32 | 31.34 | | | | | | | | | | | | | | | | | | | | | |

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|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|---------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| 23857 | 1.16 -0.14 N | 0.23 -1.19 N | 0.93 -0.05 N | 0.84 0.00 N | 0.93 -0.08 N | 0.89 -0.36 N | 1.18 -0.28 N | 1.17 -2.61 N | 2.09 -0.25 N | 2.14 0.00 N | 2.21 -0.01 N | 3.20 0.00 N | 3.31 -0.01 N | 1.72 0.00 N | -3.93 0.00 N | 4.57 0.00 N | 2.40 0.00 N | 1.71 0.00 N | 1.79 0.00 N | 1.60 0.00 N | 1.59 0.00 N | 1.25 -0.03 N | 0.93 -0.08 N | 1.18 0.00 N |
| CE_DUNWOOD___DRP 24194 | 47.09 4.13 -4.22 N | 46.36 0.99 -36.20 N | 40.71 3.79 -1.53 N | 34.81 3.28 0.00 N | 40.02 3.54 -2.52 N | 45.49 3.32 -10.90 N | 48.22 4.06 -8.41 N | 109.60 3.05 -79.32 N | 56.46 4.82 -7.62 N | 46.72 4.67 -0.10 N | 49.85 4.96 -0.16 N | 66.19 6.48 0.00 N | 68.03 6.54 -0.40 N | 203.88 3.03 -169.50 N | 258.87 -6.00 -336.17 N | 209.76 7.58 -115.00 N | 52.90 3.80 0.00 N | 36.96 2.53 0.00 N | 39.92 2.84 0.00 N | 36.90 2.87 0.00 N | 37.76 3.13 0.00 N | 35.31 3.02 -0.94 N | 32.84 2.81 -2.78 N | 34.41 3.10 0.00 N |
| CE_MILLWOOD___DRP 24193 | 46.97 4.02 -4.20 N | 46.22 0.96 -36.09 N | 40.60 3.67 -1.52 N | 34.71 3.18 0.00 N | 39.91 3.43 -2.51 N | 45.36 3.22 -10.87 N | 48.08 3.94 -8.38 N | 109.27 2.95 -79.07 N | 56.28 4.66 -7.60 N | 46.55 4.50 -0.10 N | 49.68 4.78 -0.16 N | 65.96 6.25 0.00 N | 67.83 6.34 -0.40 N | 202.89 2.93 -168.61 N | 257.32 -5.78 -334.41 N | 208.89 7.32 -114.39 N | 52.74 3.64 0.00 N | 36.85 2.42 0.00 N | 39.80 2.72 0.00 N | 36.79 2.75 0.00 N | 37.64 3.01 0.00 N | 35.20 2.91 -0.94 N | 32.74 2.72 -2.77 N | 34.30 2.99 0.00 N |
| CE_NYC2_DRP 24202 | 47.50 4.53 -4.22 N | 46.51 1.08 -36.26 N | 41.09 4.16 -1.53 N | 35.17 3.63 -0.01 N | 40.38 3.89 -2.52 N | 45.86 3.66 -10.92 N | 48.68 4.51 -8.42 N | 110.01 3.33 -79.45 N | 56.93 5.29 -7.63 N | 47.19 5.14 -0.10 N | 53.69 5.47 -3.48 N | 66.66 6.94 0.00 N | 68.28 6.78 -0.41 N | 204.23 2.99 -169.89 N | 259.88 -5.76 -336.94 N | 209.93 7.49 -115.26 N | 52.96 3.87 0.00 N | 36.99 2.56 0.00 N | 39.94 2.86 0.00 N | 37.02 2.98 0.00 N | 37.87 3.25 0.00 N | 35.46 3.17 -0.94 N | 33.03 2.99 -2.78 N | 34.69 3.39 0.00 N |
| CE_NYC_DRP 24195 | 47.45 4.48 -4.22 N | 46.50 1.07 -36.26 N | 41.02 4.09 -1.53 N | 35.08 3.54 0.00 N | 40.32 3.83 -2.52 N | 45.81 3.62 -10.92 N | 48.64 4.46 -8.42 N | 110.02 3.33 -79.44 N | 56.94 5.29 -7.63 N | 47.19 5.14 -0.10 N | 50.36 5.46 -0.16 N | 66.80 7.09 0.00 N | 68.58 7.08 -0.41 N | 204.47 3.24 -169.89 N | 259.22 -6.42 -336.94 N | 210.62 8.17 -115.26 N | 53.26 4.16 0.00 N | 37.19 2.76 0.00 N | 40.17 3.09 0.00 N | 37.18 3.14 0.00 N | 38.01 3.39 0.00 N | 35.54 3.25 -0.94 N | 33.07 3.03 -2.78 N | 34.68 3.37 0.00 N |
| CHAFFEE___LFGE 323603 | 37.25 -2.16 -0.67 N | 14.36 -0.53 -5.72 N | 33.49 -2.15 -0.24 N | 29.62 -1.92 0.00 N | 32.52 -1.85 -0.40 N | 30.92 -2.07 -1.72 N | 34.41 -2.67 -1.33 N | 37.98 -1.78 -12.53 N | 41.89 -3.33 -1.20 N | 39.12 -2.85 -0.02 N | 41.96 -2.80 -0.02 N | 55.89 -3.82 0.00 N | 57.39 -3.76 -0.06 N | 30.00 -1.35 0.00 N | -68.93 2.38 0.00 N | 84.13 -3.06 0.00 N | 46.38 -2.72 0.00 N | 32.99 -1.43 0.00 N | 35.14 -1.94 0.00 N | 32.22 -1.82 0.00 N | 32.77 -1.85 0.00 N | 30.10 -1.37 -0.12 N | 26.48 -1.14 -0.37 N | 29.87 -1.44 0.00 N |
| CHATEAUG_WT_PWR 323614 | 37.41 -1.33 0.00 N | 8.88 -0.29 0.00 N | 34.45 -0.95 0.00 N | 30.85 -0.68 0.00 N | 33.45 -0.52 0.00 N | 30.76 -0.51 0.00 N | 34.95 -0.80 0.00 N | 26.74 -0.50 0.00 N | 43.41 -0.60 0.00 N | 41.30 -0.65 0.00 N | 44.21 -0.53 0.00 N | 59.15 -0.56 0.00 N | 60.58 -0.51 0.00 N | 31.03 -0.32 0.00 N | -71.48 -0.18 0.00 N | 85.70 -1.49 0.00 N | 49.45 0.35 0.00 N | 34.83 0.40 0.00 N | 37.02 -0.06 0.00 N | 33.66 -0.38 0.00 N | 33.89 -0.73 0.00 N | 30.20 -1.15 0.00 N | 26.16 -1.09 0.00 N | 30.38 -0.93 0.00 N |
| CHAT_HIGH_FALL_HYD 323578 | 37.26 -1.48 0.00 N | 8.84 -0.33 0.00 N | 34.27 -1.13 0.00 N | 30.66 -0.88 0.00 N | 33.19 -0.78 0.00 N | 30.51 -0.76 0.00 N | 34.72 -1.04 0.00 N | 26.57 -0.67 0.00 N | 43.15 -0.86 0.00 N | 41.04 -0.91 0.00 N | 43.88 -0.86 0.00 N | 58.70 -1.01 0.00 N | 60.10 -0.99 0.00 N | 30.82 -0.53 0.00 N | -71.20 0.10 0.00 N | 85.35 -1.83 0.00 N | 49.25 0.15 0.00 N | 34.67 0.24 0.00 N | 36.86 -0.22 0.00 N | 33.52 -0.52 0.00 N | 33.68 -0.94 0.00 N | 30.03 -1.32 0.00 N | 26.00 -1.25 0.00 N | 30.20 -1.10 0.00 N |
| CH_MIDHUDSON___DRP 24192 | 47.01 3.82 -4.45 N | 48.31 0.91 -38.23 N | 40.51 3.50 -1.61 N | 34.56 3.03 0.00 N | 39.87 3.25 -2.66 N | 45.84 3.06 -11.51 N | 48.34 3.71 -8.88 N | 113.79 2.80 -83.75 N | 56.54 4.48 -8.05 N | 46.41 4.35 -0.10 N | 49.55 4.65 -0.17 N | 65.78 6.07 0.00 N | 67.70 6.18 -0.43 N | 172.71 2.91 -138.45 N | 197.52 -5.78 -274.60 N | 188.34 7.21 -93.93 N | 52.69 3.59 0.00 N | 36.80 2.37 0.00 N | 39.77 2.69 0.00 N | 36.72 2.69 0.00 N | 37.55 2.93 0.00 N | 35.17 2.83 -0.99 N | 32.79 2.60 -2.94 N | 34.14 2.83 0.00 N |
| CH_MISC_IPPS 23765 | 46.64 3.60 -4.30 N | 46.93 0.87 -36.89 N | 40.33 3.38 -1.56 N | 34.47 2.93 0.00 N | 39.68 3.14 -2.57 N | 45.31 2.93 -11.11 N | 47.90 3.58 -8.57 N | 110.71 2.65 -80.82 N | 56.02 4.24 -7.77 N | 46.19 4.13 -0.10 N | 49.30 4.40 -0.16 N | 65.47 5.75 0.00 N | 67.36 5.86 -0.41 N | 180.34 2.73 -146.26 N | 213.35 -5.43 -290.08 N | 193.14 6.72 -99.23 N | 52.36 3.26 0.00 N | 36.56 2.13 0.00 N | 39.47 2.39 0.00 N | 36.46 2.42 0.00 N | 37.28 2.66 0.00 N | 34.90 2.58 -0.96 N | 32.47 2.39 -2.83 N | 33.90 2.60 0.00 N |
| CH_RES_BVR_FALLS 23983 | 37.67 -0.86 0.22 N | 7.12 -0.19 1.85 N | 34.74 -0.59 0.08 N | 31.02 -0.51 0.00 N | 33.27 -0.57 0.13 N | 30.19 -0.52 0.56 N | 34.79 -0.54 0.43 N | 22.83 -0.35 4.05 N | 43.15 -0.47 0.39 N | 41.37 -0.57 0.00 N | 44.10 -0.63 0.01 N | 58.78 -0.93 0.00 N | 60.10 -0.96 0.02 N | 30.86 -0.49 0.00 N | -70.74 0.57 0.00 N | 86.11 -1.08 0.00 N | 48.69 -0.41 0.00 N | 34.14 -0.29 0.00 N | 36.75 -0.33 0.00 N | 33.70 -0.33 0.00 N | 34.16 -0.46 0.00 N | 30.70 -0.60 0.05 N | 26.54 -0.57 0.14 N | 30.81 -0.50 0.00 N |
| CH_RES_NIAGARA 23895 | 35.84 -3.50 -0.60 N | 13.46 -0.83 -5.12 N | 32.36 -3.25 -0.22 N | 28.63 -2.90 0.00 N | 31.43 -2.89 -0.36 N | 29.92 -2.90 -1.54 N | 33.09 -3.86 -1.19 N | 35.63 -2.82 -11.21 N | 39.92 -5.18 -1.08 N | 37.33 -4.64 -0.01 N | 39.86 -4.90 -0.02 N | 52.89 -6.82 0.00 N | 54.29 -6.85 -0.06 N | 28.58 -2.77 0.00 N | -66.40 4.91 0.00 N | 80.57 -6.62 0.00 N | 44.70 -4.40 0.00 N | 31.85 -2.58 0.00 N | 33.91 -3.17 0.00 N | 31.03 -3.01 0.00 N | 31.43 -3.20 0.00 N | 28.56 -2.90 -0.12 N | 25.16 -2.43 -0.34 N | 28.48 -2.83 0.00 N |
| CH_RES_SYRACUSE 23985 | 39.11 -0.03 -0.39 N | 12.53 0.00 -3.37 N | 35.42 -0.12 -0.14 N | 31.40 -0.14 0.00 N | 34.05 -0.15 -0.23 N | 32.17 -0.11 -1.01 N | 36.47 -0.06 -0.78 N | 34.68 0.07 -7.38 N | 44.82 0.10 -0.71 N | 42.17 0.21 -0.01 N | 45.03 0.28 -0.01 N | 60.14 0.43 0.00 N | 61.59 0.46 -0.04 N | 31.69 0.34 0.00 N | -72.13 -0.82 0.00 N | 88.29 1.10 0.00 N | 49.56 0.45 0.00 N | 34.81 0.38 0.00 N | 37.44 0.36 0.00 N | 34.34 0.30 0.00 N | 34.90 0.28 0.00 N | 31.71 0.27 -0.08 N | 27.73 0.23 -0.25 N | 31.43 0.12 0.00 N |
| CLINTON_WT_PWR 323605 | 37.41 -1.33 0.00 N | 8.88 -0.29 0.00 N | 34.45 -0.95 0.00 N | 30.85 -0.68 0.00 N | 33.45 -0.52 0.00 N | 30.76 -0.51 0.00 N | 34.95 -0.80 0.00 N | 26.74 -0.50 0.00 N | 43.41 -0.60 0.00 N | 41.30 -0.65 0.00 N | 44.21 -0.53 0.00 N | 59.15 -0.56 0.00 N | 60.58 -0.51 0.00 N | 31.03 -0.32 0.00 N | -71.48 -0.18 0.00 N | 85.70 -1.49 0.00 N | 49.45 0.35 0.00 N | 34.83 0.40 0.00 N | 37.02 -0.06 0.00 N | 33.66 -0.38 0.00 N | 33.89 -0.73 0.00 N | 30.20 -1.15 0.00 N | 26.16 -1.09 0.00 N | 30.38 -0.93 0.00 N |

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| CLINTON___LFGE 323618 | 38.02 -0.73 0.00 N | 9.04 -0.13 0.00 N | 35.02 -0.37 0.00 N | 31.32 -0.21 0.00 N | 33.98 0.01 0.00 N | 31.18 -0.09 0.00 N | 35.47 -0.29 0.00 N | 27.15 -0.09 0.00 N | 44.09 0.07 0.00 N | 41.94 -0.01 0.00 N | 44.92 0.18 0.00 N | 60.16 0.45 0.00 N | 61.65 0.56 0.00 N | 31.56 0.21 0.00 N | -72.62 -1.32 0.00 N | 87.16 -0.03 0.00 N | 50.26 1.16 0.00 N | 35.45 1.02 0.00 N | 37.59 0.51 0.00 N | 34.15 0.11 0.00 N | 34.37 -0.25 0.00 N | 30.65 -0.70 0.00 N | 26.52 -0.74 0.00 N | 30.79 -0.51 0.00 N |
| COLONIE_LFGE___ 323577 | 46.88 2.76 -5.38 N | 56.01 0.67 -46.17 N | 39.89 2.55 -1.95 N | 33.68 2.14 0.00 N | 39.43 2.26 -3.21 N | 47.38 2.20 -13.90 N | 49.02 2.55 -10.72 N | 130.45 2.06 -101.15 N | 57.12 3.38 -9.72 N | 45.22 3.14 -0.12 N | 48.34 3.41 -0.20 N | 64.52 4.81 0.00 N | 66.76 5.16 -0.52 N | 42.59 2.42 -8.82 N | -58.30 -4.48 -17.49 N | 98.59 5.42 -5.98 N | 52.00 2.90 0.00 N | 36.40 1.97 0.00 N | 39.60 2.52 0.00 N | 36.45 2.42 0.00 N | 37.17 2.55 0.00 N | 34.93 2.38 -1.20 N | 32.82 2.03 -3.54 N | 33.33 2.02 0.00 N |
| CORNELL____ 23752 | 39.13 -0.34 -0.73 N | 15.55 0.14 -6.24 N | 35.59 -0.06 -0.26 N | 31.49 -0.04 0.00 N | 34.06 -0.34 -0.43 N | 32.84 -0.31 -1.88 N | 37.06 -0.14 -1.45 N | 41.05 0.14 -13.67 N | 45.65 0.32 -1.31 N | 42.51 0.55 -0.02 N | 45.57 0.81 -0.03 N | 60.96 1.25 0.00 N | 62.51 1.35 -0.07 N | 32.26 0.91 0.00 N | -74.68 -3.37 0.00 N | 91.19 4.00 0.00 N | 49.63 0.53 0.00 N | 35.02 0.59 0.00 N | 37.90 0.83 0.00 N | 34.39 0.35 0.00 N | 34.80 0.18 0.00 N | 31.96 0.46 -0.16 N | 28.38 0.66 -0.46 N | 31.63 0.32 0.00 N |
| COXSACKIE___GT 23611 | 47.06 3.68 -4.64 N | 49.83 0.86 -39.80 N | 40.32 3.25 -1.68 N | 34.35 2.81 0.00 N | 39.74 3.00 -2.77 N | 46.13 2.87 -11.99 N | 48.46 3.46 -9.24 N | 117.24 2.81 -87.19 N | 57.17 4.77 -8.38 N | 46.71 4.65 -0.11 N | 49.99 5.08 -0.17 N | 66.62 6.91 0.00 N | 68.67 7.14 -0.45 N | 140.61 3.53 -105.73 N | 131.15 -7.25 -209.71 N | 167.33 8.41 -71.73 N | 53.15 4.05 0.00 N | 37.22 2.79 0.00 N | 40.26 3.18 0.00 N | 37.16 3.12 0.00 N | 37.94 3.31 0.00 N | 35.45 3.07 -1.04 N | 32.98 2.67 -3.06 N | 34.05 2.74 0.00 N |
| CRESCENT___HYD 24018 | 46.88 2.76 -5.38 N | 56.01 0.67 -46.17 N | 39.89 2.55 -1.95 N | 33.68 2.14 0.00 N | 39.43 2.26 -3.21 N | 47.38 2.20 -13.90 N | 49.02 2.55 -10.72 N | 130.45 2.06 -101.15 N | 57.12 3.38 -9.72 N | 45.22 3.14 -0.12 N | 48.34 3.41 -0.20 N | 64.52 4.81 0.00 N | 66.76 5.16 -0.52 N | 42.59 2.42 -8.82 N | -58.30 -4.48 -17.49 N | 98.59 5.42 -5.98 N | 52.00 2.90 0.00 N | 36.40 1.97 0.00 N | 39.60 2.52 0.00 N | 36.45 2.42 0.00 N | 37.17 2.55 0.00 N | 34.93 2.38 -1.20 N | 32.82 2.03 -3.54 N | 33.33 2.02 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 39.11 -0.03 -0.39 N | 12.53 0.00 -3.37 N | 35.42 -0.12 -0.14 N | 31.40 -0.14 0.00 N | 34.05 -0.15 -0.23 N | 32.17 -0.11 -1.01 N | 36.47 -0.06 -0.78 N | 34.68 0.07 -7.38 N | 44.82 0.10 -0.71 N | 42.17 0.21 -0.01 N | 45.03 0.28 -0.01 N | 60.14 0.43 0.00 N | 61.59 0.46 -0.04 N | 31.69 0.34 0.00 N | -72.13 -0.82 0.00 N | 88.29 1.10 0.00 N | 49.56 0.45 0.00 N | 34.81 0.38 0.00 N | 37.44 0.36 0.00 N | 34.34 0.30 0.00 N | 34.90 0.28 0.00 N | 31.71 0.27 -0.08 N | 27.73 0.23 -0.25 N | 31.43 0.12 0.00 N |
| DANC___LFGE 323619 | 40.42 1.51 -0.16 N | 10.84 0.31 -1.37 N | 36.64 1.19 -0.06 N | 32.60 1.06 0.00 N | 35.22 1.16 -0.09 N | 32.81 1.13 -0.41 N | 37.54 1.47 -0.32 N | 31.67 1.43 -3.00 N | 46.80 2.50 -0.29 N | 44.52 2.56 0.00 N | 47.46 2.71 -0.01 N | 63.59 3.88 0.00 N | 65.10 4.00 -0.02 N | 33.42 2.07 0.00 N | -76.01 -4.70 0.00 N | 92.71 5.52 0.00 N | 51.99 2.89 0.00 N | 36.49 2.06 0.00 N | 39.25 2.18 0.00 N | 36.00 1.96 0.00 N | 36.59 1.97 0.00 N | 32.99 1.61 -0.03 N | 28.57 1.23 -0.09 N | 32.75 1.44 0.00 N |
| DANSKAMMER___1 23586 | 46.64 3.60 -4.30 N | 46.93 0.87 -36.89 N | 40.33 3.38 -1.56 N | 34.47 2.93 0.00 N | 39.68 3.14 -2.57 N | 45.31 2.93 -11.11 N | 47.90 3.58 -8.57 N | 110.71 2.65 -80.82 N | 56.02 4.24 -7.77 N | 46.19 4.13 -0.10 N | 49.30 4.40 -0.16 N | 65.47 5.75 0.00 N | 67.36 5.86 -0.41 N | 180.34 2.73 -146.26 N | 213.35 -5.43 -290.08 N | 193.14 6.72 -99.23 N | 52.36 3.26 0.00 N | 36.56 2.13 0.00 N | 39.47 2.39 0.00 N | 36.46 2.42 0.00 N | 37.28 2.66 0.00 N | 34.90 2.58 -0.96 N | 32.47 2.39 -2.83 N | 33.90 2.60 0.00 N |
| DANSKAMMER___2 23589 | 46.64 3.60 -4.30 N | 46.93 0.87 -36.89 N | 40.33 3.38 -1.56 N | 34.47 2.93 0.00 N | 39.68 3.14 -2.57 N | 45.31 2.93 -11.11 N | 47.90 3.58 -8.57 N | 110.71 2.65 -80.82 N | 56.02 4.24 -7.77 N | 46.19 4.13 -0.10 N | 49.30 4.40 -0.16 N | 65.47 5.75 0.00 N | 67.36 5.86 -0.41 N | 180.34 2.73 -146.26 N | 213.35 -5.43 -290.08 N | 193.14 6.72 -99.23 N | 52.36 3.26 0.00 N | 36.56 2.13 0.00 N | 39.47 2.39 0.00 N | 36.46 2.42 0.00 N | 37.28 2.66 0.00 N | 34.90 2.58 -0.96 N | 32.47 2.39 -2.83 N | 33.90 2.60 0.00 N |
| DANSKAMMER___3 23590 | 46.64 3.60 -4.30 N | 46.93 0.87 -36.89 N | 40.33 3.38 -1.56 N | 34.47 2.93 0.00 N | 39.68 3.14 -2.57 N | 45.31 2.93 -11.11 N | 47.90 3.58 -8.57 N | 110.71 2.65 -80.82 N | 56.02 4.24 -7.77 N | 46.19 4.13 -0.10 N | 49.30 4.40 -0.16 N | 65.47 5.75 0.00 N | 67.36 5.86 -0.41 N | 180.34 2.73 -146.26 N | 213.35 -5.43 -290.08 N | 193.14 6.72 -99.23 N | 52.36 3.26 0.00 N | 36.56 2.13 0.00 N | 39.47 2.39 0.00 N | 36.46 2.42 0.00 N | 37.28 2.66 0.00 N | 34.90 2.58 -0.96 N | 32.47 2.39 -2.83 N | 33.90 2.60 0.00 N |
| DANSKAMMER___4 23591 | 46.64 3.60 -4.30 N | 46.93 0.87 -36.89 N | 40.33 3.38 -1.56 N | 34.47 2.93 0.00 N | 39.68 3.14 -2.57 N | 45.31 2.93 -11.11 N | 47.90 3.58 -8.57 N | 110.71 2.65 -80.82 N | 56.02 4.24 -7.77 N | 46.19 4.13 -0.10 N | 49.30 4.40 -0.16 N | 65.47 5.75 0.00 N | 67.36 5.86 -0.41 N | 180.34 2.73 -146.26 N | 213.35 -5.43 -290.08 N | 193.14 6.72 -99.23 N | 52.36 3.26 0.00 N | 36.56 2.13 0.00 N | 39.47 2.39 0.00 N | 36.46 2.42 0.00 N | 37.28 2.66 0.00 N | 34.90 2.58 -0.96 N | 32.47 2.39 -2.83 N | 33.90 2.60 0.00 N |
| DANSKAMMER___DIESEL 23592 | 46.64 3.60 -4.30 N | 46.93 0.87 -36.89 N | 40.33 3.38 -1.56 N | 34.47 2.93 0.00 N | 39.68 3.14 -2.57 N | 45.31 2.93 -11.11 N | 47.90 3.58 -8.57 N | 110.71 2.65 -80.82 N | 56.02 4.24 -7.77 N | 46.19 4.13 -0.10 N | 49.30 4.40 -0.16 N | 65.47 5.75 0.00 N | 67.36 5.86 -0.41 N | 180.34 2.73 -146.26 N | 213.35 -5.43 -290.08 N | 193.14 6.72 -99.23 N | 52.36 3.26 0.00 N | 36.56 2.13 0.00 N | 39.47 2.39 0.00 N | 36.46 2.42 0.00 N | 37.28 2.66 0.00 N | 34.90 2.58 -0.96 N | 32.47 2.39 -2.83 N | 33.90 2.60 0.00 N |
| DASHVILLE___HYD 23610 | 47.41 4.38 -4.27 N | 46.92 1.05 -36.70 N | 40.99 4.04 -1.55 N | 35.06 3.52 0.00 N | 40.31 3.79 -2.55 N | 45.87 3.54 -11.05 N | 48.58 4.30 -8.52 N | 110.92 3.28 -80.41 N | 56.86 5.12 -7.73 N | 47.05 4.99 -0.10 N | 50.19 5.29 -0.16 N | 66.61 6.90 0.00 N | 68.45 6.95 -0.41 N | 168.84 3.28 -134.20 N | 188.21 -6.66 -266.18 N | 186.49 8.22 -91.09 N | 53.22 4.12 0.00 N | 37.19 2.76 0.00 N | 40.14 3.06 0.00 N | 36.99 2.95 0.00 N | 37.86 3.23 0.00 N | 35.39 3.09 -0.96 N | 32.91 2.84 -2.82 N | 34.54 3.24 0.00 N |
| DELAWARE___LFGE 323621 | 42.25 1.71 -1.80 N | 24.99 0.40 -15.42 N | 37.57 1.52 -0.65 N | 32.94 1.40 0.00 N | 36.59 1.55 -1.07 N | 37.36 1.45 -4.64 N | 41.10 1.76 -3.58 N | 62.41 1.38 -33.79 N | 49.46 2.20 -3.25 N | 44.15 2.15 -0.04 N | 47.14 2.34 -0.07 N | 62.82 3.11 0.00 N | 64.38 3.12 -0.17 N | 41.16 1.53 -8.29 N | -57.75 -2.89 -16.44 N | 96.65 3.83 -5.63 N | 51.12 2.02 0.00 N | 35.80 1.38 0.00 N | 38.60 1.52 0.00 N | 35.54 1.50 0.00 N | 36.23 1.61 0.00 N | 33.26 1.51 -0.40 N | 29.80 1.36 -1.19 N | 32.76 1.46 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|----------------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|---|
| DOGLEVILLE___HYD 23807 | 41.25 2.62 0.11 N | 8.84 0.60 0.93 N | 37.58 2.22 0.04 N | 33.53 2.00 0.00 N | 36.02 2.12 0.06 N | 33.17 2.18 0.28 N | 37.94 2.40 0.22 N | 27.20 2.00 2.04 N | 47.13 3.31 0.19 N | 45.11 3.17 0.00 N | 48.11 3.38 0.00 N | 64.31 4.60 0.00 N | 65.85 4.78 0.01 N | 33.57 2.22 0.00 N | -76.04 -4.73 0.00 N | 92.24 5.05 0.00 N | 51.55 2.45 0.00 N | 36.15 1.72 0.00 N | 39.28 2.20 0.00 N | 36.30 2.26 0.00 N | 37.02 2.40 0.00 N | 33.55 2.22 0.02 N | 29.10 1.91 0.07 N | 33.18 1.87 0.00 N | |
| DUNKIRK___1 23563 | 36.37 -3.10 -0.72 N | 14.61 -0.76 -6.21 N | 32.60 -3.06 -0.26 N | 28.89 -2.65 0.00 N | 31.83 -2.57 -0.43 N | 30.52 -2.62 -1.87 N | 34.01 -3.19 -1.44 N | 38.51 -2.33 -13.60 N | 41.02 -4.30 -1.31 N | 38.02 -3.95 -0.02 N | 40.79 -3.98 -0.03 N | 54.45 -5.27 0.00 N | 55.87 -5.28 -0.07 N | 29.06 -2.29 0.00 N | -66.24 5.06 0.00 N | 80.91 -6.27 0.00 N | 44.12 -4.98 0.00 N | 31.47 -2.96 0.00 N | 33.67 -3.41 0.00 N | 31.11 -2.93 0.00 N | 31.72 -2.90 0.00 N | 28.83 -2.65 -0.13 N | 25.56 -2.08 -0.39 N | 28.97 -2.34 0.00 N | |
| DUNKIRK___2 23564 | 36.37 -3.10 -0.72 N | 14.61 -0.76 -6.21 N | 32.60 -3.06 -0.26 N | 28.89 -2.65 0.00 N | 31.83 -2.57 -0.43 N | 30.52 -2.62 -1.87 N | 34.01 -3.19 -1.44 N | 38.51 -2.33 -13.60 N | 41.02 -4.30 -1.31 N | 38.02 -3.95 -0.02 N | 40.79 -3.98 -0.03 N | 54.45 -5.27 0.00 N | 55.87 -5.28 -0.07 N | 29.06 -2.29 0.00 N | -66.24 5.06 0.00 N | 80.91 -6.27 0.00 N | 44.12 -4.98 0.00 N | 31.47 -2.96 0.00 N | 33.67 -3.41 0.00 N | 31.11 -2.93 0.00 N | 31.72 -2.90 0.00 N | 28.83 -2.65 -0.13 N | 25.56 -2.08 -0.39 N | 28.97 -2.34 0.00 N | |
| DUNKIRK___3 23565 | 36.52 -2.94 -0.72 N | 14.60 -0.73 -6.16 N | 32.75 -2.91 -0.26 N | 29.02 -2.51 0.00 N | 31.97 -2.42 -0.43 N | 30.64 -2.48 -1.85 N | 34.14 -3.04 -1.43 N | 38.50 -2.24 -13.50 N | 41.15 -4.17 -1.30 N | 38.16 -3.81 -0.02 N | 40.93 -3.84 -0.03 N | 54.62 -5.09 0.00 N | 56.06 -5.10 -0.07 N | 29.16 -2.20 0.00 N | -66.36 4.94 0.00 N | 81.23 -5.96 0.00 N | 44.39 -4.71 0.00 N | 31.64 -2.79 0.00 N | 33.86 -3.22 0.00 N | 31.25 -2.79 0.00 N | 31.82 -2.80 0.00 N | 28.89 -2.59 -0.13 N | 25.60 -2.05 -0.39 N | 29.01 -2.29 0.00 N | |
| DUNKIRK___4 23566 | 36.52 -2.94 -0.72 N | 14.60 -0.73 -6.16 N | 32.75 -2.91 -0.26 N | 29.02 -2.51 0.00 N | 31.97 -2.42 -0.43 N | 30.64 -2.48 -1.85 N | 34.14 -3.04 -1.43 N | 38.50 -2.24 -13.50 N | 41.15 -4.17 -1.30 N | 38.16 -3.81 -0.02 N | 40.93 -3.84 -0.03 N | 54.62 -5.09 0.00 N | 56.06 -5.10 -0.07 N | 29.16 -2.20 0.00 N | -66.36 4.94 0.00 N | 81.23 -5.96 0.00 N | 44.39 -4.71 0.00 N | 31.64 -2.79 0.00 N | 33.86 -3.22 0.00 N | 31.25 -2.79 0.00 N | 31.82 -2.80 0.00 N | 28.89 -2.59 -0.13 N | 25.60 -2.05 -0.39 N | 29.01 -2.29 0.00 N | |
| EAST HAMPTON___GT 23717 | 51.38 8.19 -4.45 N | 47.50 2.06 -36.27 N | 46.86 8.15 -3.31 N | 45.04 7.38 -6.12 N | 44.69 7.98 -2.75 N | 51.47 7.39 -12.82 N | 59.62 8.99 -14.88 N | 113.27 6.57 -79.46 N | 63.22 10.67 -8.54 N | 66.99 11.39 -13.65 N | 67.12 12.45 -9.93 N | 79.17 16.31 -3.15 N | 78.17 16.67 -0.41 N | 209.14 7.85 -169.94 N | 248.80 -16.94 -337.05 N | 223.76 21.28 -115.30 N | 60.90 11.80 0.00 N | 42.30 7.87 0.00 N | 45.74 8.67 0.00 N | 44.62 8.36 -2.22 N | 47.47 9.94 -2.90 N | 41.38 8.64 -1.40 N | 37.73 7.31 -3.16 N | 41.40 7.75 -2.34 N | |
| EAST RIVER___6 23660 | 47.45 4.48 -4.22 N | 46.50 1.07 -36.26 N | 41.01 4.09 -1.53 N | 35.07 3.53 0.00 N | 40.31 3.82 -2.52 N | 45.80 3.61 -10.92 N | 48.63 4.45 -8.42 N | 110.01 3.33 -79.44 N | 56.92 5.27 -7.63 N | 47.19 5.14 -0.10 N | 50.36 5.46 -0.16 N | 66.79 7.08 0.00 N | 68.57 7.07 -0.41 N | 204.46 3.23 -169.89 N | 259.21 -6.43 -336.94 N | 210.61 8.16 -115.26 N | 53.26 4.16 0.00 N | 37.19 2.76 0.00 N | 40.17 3.09 0.00 N | 37.18 3.14 0.00 N | 38.01 3.39 0.00 N | 35.55 3.26 -0.94 N | 33.08 3.05 -2.78 N | 34.70 3.39 0.00 N | |
| EAST RIVER___7 23524 | 47.45 4.48 -4.22 N | 46.50 1.07 -36.26 N | 41.01 4.09 -1.53 N | 35.07 3.53 0.00 N | 40.31 3.82 -2.52 N | 45.80 3.61 -10.92 N | 48.63 4.45 -8.42 N | 110.01 3.33 -79.44 N | 56.92 5.27 -7.63 N | 47.19 5.14 -0.10 N | 50.36 5.46 -0.16 N | 66.79 7.08 0.00 N | 68.57 7.07 -0.41 N | 204.46 3.23 -169.89 N | 259.21 -6.43 -336.94 N | 210.61 8.16 -115.26 N | 53.26 4.16 0.00 N | 37.19 2.76 0.00 N | 40.17 3.09 0.00 N | 37.18 3.14 0.00 N | 38.01 3.39 0.00 N | 35.55 3.26 -0.94 N | 33.08 3.05 -2.78 N | 34.70 3.39 0.00 N | |
| EAST_HAMPTON___DIESEL 23722 | 51.38 8.19 -4.45 N | 47.50 2.06 -36.27 N | 46.86 8.15 -3.31 N | 45.04 7.38 -6.12 N | 44.69 7.98 -2.75 N | 51.47 7.39 -12.82 N | 59.62 8.99 -14.88 N | 113.27 6.57 -79.46 N | 63.22 10.67 -8.54 N | 66.99 11.39 -13.65 N | 67.12 12.45 -9.93 N | 79.17 16.31 -3.15 N | 78.17 16.67 -0.41 N | 209.14 7.85 -169.94 N | 248.80 -16.94 -337.05 N | 223.76 21.28 -115.30 N | 60.90 11.80 0.00 N | 42.30 7.87 0.00 N | 45.74 8.67 0.00 N | 44.62 8.36 -2.22 N | 47.47 9.94 -2.90 N | 41.38 8.64 -1.40 N | 37.73 7.31 -3.16 N | 41.40 7.75 -2.34 N | |
| EAST_RIVER___1 323558 | 47.45 4.48 -4.22 N | 46.50 1.07 -36.26 N | 41.02 4.09 -1.53 N | 35.08 3.54 0.00 N | 40.32 3.83 -2.52 N | 45.81 3.62 -10.92 N | 48.64 4.46 -8.42 N | 110.02 3.33 -79.44 N | 56.94 5.29 -7.63 N | 47.19 5.14 -0.10 N | 50.36 5.46 -0.16 N | 66.80 7.09 0.00 N | 68.58 7.08 -0.41 N | 204.47 3.24 -169.89 N | 259.22 -6.42 -336.94 N | 210.62 8.17 -115.26 N | 53.26 4.16 0.00 N | 37.19 2.76 0.00 N | 40.17 3.09 0.00 N | 37.18 3.14 0.00 N | 38.01 3.39 0.00 N | 35.54 3.25 -0.94 N | 33.07 3.03 -2.78 N | 34.68 3.37 0.00 N | |
| EAST_RIVER___2 323559 | 47.45 4.48 -4.22 N | 46.50 1.07 -36.26 N | 41.01 4.09 -1.53 N | 35.07 3.53 0.00 N | 40.31 3.82 -2.52 N | 45.80 3.61 -10.92 N | 48.63 4.45 -8.42 N | 110.01 3.33 -79.44 N | 56.92 5.27 -7.63 N | 47.19 5.14 -0.10 N | 50.36 5.46 -0.16 N | 66.79 7.08 0.00 N | 68.57 7.07 -0.41 N | 204.46 3.23 -169.89 N | 259.21 -6.43 -336.94 N | 210.61 8.16 -115.26 N | 53.26 4.16 0.00 N | 37.19 2.76 0.00 N | 40.17 3.09 0.00 N | 37.18 3.14 0.00 N | 38.01 3.39 0.00 N | 35.55 3.26 -0.94 N | 33.08 3.05 -2.78 N | 34.70 3.39 0.00 N | |
| EAST___DELAWARE_HYD 23607 | 45.13 2.76 -3.62 N | 40.89 0.64 -31.08 N | 39.16 2.46 -1.31 N | 33.72 2.19 0.00 N | 38.52 2.39 -2.16 N | 42.90 2.27 -9.36 N | 45.74 2.77 -7.22 N | 97.20 1.87 -68.10 N | 52.24 1.68 -6.55 N | 43.84 1.80 -0.08 N | 46.93 2.05 -0.14 N | 62.59 2.88 0.00 N | 64.45 3.01 -0.35 N | 145.66 1.39 -112.92 N | 150.05 -2.60 -223.96 N | 166.78 2.98 -76.62 N | 50.19 1.09 0.00 N | 35.38 0.95 0.00 N | 40.22 3.14 0.00 N | 37.09 3.05 0.00 N | 37.95 3.33 0.00 N | 35.22 3.06 -0.81 N | 32.37 2.74 -2.39 N | 33.91 2.60 0.00 N | |
| ELEC_TRO_TEK 24086 | 47.58 4.39 -4.45 N | 46.53 1.09 -36.27 N | 42.98 4.28 -3.31 N | 41.39 3.74 -6.12 N | 40.98 4.02 -3.00 N | 47.83 3.74 -12.82 N | 55.19 4.56 -14.88 N | 110.00 3.30 -79.46 N | 57.85 5.29 -8.54 N | 60.77 5.17 -13.65 N | 60.13 5.46 -9.93 N | 70.01 7.15 -3.15 N | 68.67 7.17 -0.41 N | 204.38 3.09 -169.94 N | 259.71 -6.03 -337.05 N | 210.36 7.87 -115.30 N | 53.36 4.26 0.00 N | 37.24 2.81 0.00 N | 40.25 3.17 0.00 N | 39.42 3.16 -2.22 N | 41.18 3.66 -2.90 N | 36.14 3.39 -1.40 N | 33.58 3.17 -3.16 N | 37.51 3.51 -2.69 N | |
| ELLENBURG_WT_PWR | 37.41 | 8.88 | 34.45 | 30.85 | 33.45 | 30.76 | 34.95 | 26.74 | 43.41 | 41.30 | 44.21 | 59.15 | 60.58 | 31.03 | -71.48 | 85.70 | 49.45 | 34.83 | 37.02 | 33.66 | 33.89 | 30.20 | 26.16 | 30.38 | |

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|----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|---------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| 323604 | -1.33 0.00 N | -0.29 0.00 N | -0.95 0.00 N | -0.68 0.00 N | -0.52 0.00 N | -0.51 0.00 N | -0.80 0.00 N | -0.50 0.00 N | -0.60 0.00 N | -0.65 0.00 N | -0.53 0.00 N | -0.56 0.00 N | -0.51 0.00 N | -0.32 0.00 N | -0.18 0.00 N | -1.49 0.00 N | 0.35 0.00 N | 0.40 0.00 N | -0.06 0.00 N | -0.38 0.00 N | -0.73 0.00 N | -1.15 0.00 N | -1.09 0.00 N | -0.93 0.00 N |
| E_CANADA_CAP_HY 24051 | 47.02 1.48 -6.79 N | 67.81 0.32 -58.32 N | 39.13 1.27 -2.46 N | 32.63 1.09 0.00 N | 39.29 1.27 -4.06 N | 49.98 1.15 -17.56 N | 51.00 1.70 -13.54 N | 156.47 1.45 -127.78 N | 58.79 2.49 -12.28 N | 44.66 2.55 -0.16 N | 47.63 2.64 -0.25 N | 63.30 3.59 0.00 N | 65.47 3.72 -0.65 N | 37.92 1.91 -4.67 N | -65.90 -3.85 -9.26 N | 96.38 6.02 -3.17 N | 52.49 3.39 0.00 N | 36.77 2.34 0.00 N | 39.34 2.26 0.00 N | 35.99 1.95 0.00 N | 36.52 1.90 0.00 N | 34.48 1.62 -1.52 N | 33.02 1.30 -4.47 N | 32.75 1.45 0.00 N |
| E_CANADA_MHWK_HY 24050 | 41.25 2.62 0.11 N | 8.84 0.60 0.93 N | 37.58 2.22 0.04 N | 33.53 2.00 0.00 N | 36.02 2.12 0.06 N | 33.17 2.18 0.28 N | 37.94 2.40 0.22 N | 27.20 2.00 2.04 N | 47.13 3.31 0.19 N | 45.11 3.17 0.00 N | 48.11 3.38 0.00 N | 64.31 4.60 0.00 N | 65.85 4.78 0.01 N | 33.57 2.22 0.00 N | -76.04 -4.73 0.00 N | 92.24 5.05 0.00 N | 51.55 2.45 0.00 N | 36.15 1.72 0.00 N | 39.28 2.20 0.00 N | 36.30 2.26 0.00 N | 37.02 2.40 0.00 N | 33.55 2.22 0.02 N | 29.10 1.91 0.07 N | 33.18 1.87 0.00 N |
| E_FISHKILL___LBMP 23776 | 46.72 3.69 -4.29 N | 46.90 0.89 -36.84 N | 40.34 3.38 -1.56 N | 34.46 2.93 0.00 N | 39.67 3.14 -2.56 N | 45.33 2.97 -11.09 N | 47.90 3.59 -8.55 N | 110.66 2.71 -80.72 N | 56.07 4.30 -7.76 N | 46.18 4.13 -0.10 N | 49.28 4.39 -0.16 N | 65.46 5.75 0.00 N | 67.34 5.84 -0.41 N | 207.91 2.71 -173.84 N | 268.21 -5.27 -344.78 N | 211.83 6.70 -117.94 N | 52.46 3.36 0.00 N | 36.66 2.23 0.00 N | 39.63 2.55 0.00 N | 36.60 2.56 0.00 N | 37.42 2.79 0.00 N | 35.02 2.71 -0.96 N | 32.60 2.52 -2.83 N | 34.06 2.75 0.00 N |
| FAR ROCKAWAY___4 23548 | 48.23 5.04 -4.45 N | 46.74 1.30 -36.27 N | 43.91 5.20 -3.31 N | 42.18 4.52 -6.12 N | 43.76 4.81 -4.98 N | 48.42 4.32 -12.82 N | 55.93 5.30 -14.88 N | 110.47 3.77 -79.46 N | 58.86 6.31 -8.54 N | 61.69 6.09 -13.65 N | 60.92 6.25 -9.93 N | 71.07 8.21 -3.15 N | 69.24 7.75 -0.41 N | 204.54 3.25 -169.94 N | 259.48 -6.26 -337.05 N | 210.98 8.50 -115.30 N | 53.72 4.62 0.00 N | 37.43 3.00 0.00 N | 40.42 3.34 0.00 N | 39.57 3.31 -2.22 N | 41.38 3.85 -2.90 N | 36.47 3.72 -1.40 N | 34.01 3.59 -3.16 N | 41.09 4.40 -5.38 N |
| FARRAGUT___LBMP 323566 | 47.39 4.43 -4.22 N | 46.49 1.06 -36.26 N | 40.97 4.04 -1.53 N | 35.03 3.50 0.00 N | 40.28 3.79 -2.52 N | 45.77 3.57 -10.92 N | 48.58 4.40 -8.42 N | 109.97 3.28 -79.44 N | 56.83 5.18 -7.63 N | 47.09 5.04 -0.10 N | 50.26 5.36 -0.16 N | 66.64 6.93 0.00 N | 68.41 6.91 -0.41 N | 204.38 3.14 -169.89 N | 259.43 -6.20 -336.94 N | 210.41 7.96 -115.26 N | 53.12 4.02 0.00 N | 37.11 2.68 0.00 N | 40.09 3.01 0.00 N | 37.11 3.07 0.00 N | 37.93 3.31 0.00 N | 35.47 3.18 -0.94 N | 33.02 2.98 -2.78 N | 34.62 3.32 0.00 N |
| FENNER___WINDPWR 24204 | 39.49 0.54 -0.20 N | 11.08 0.15 -1.76 N | 35.97 0.50 -0.07 N | 32.04 0.50 0.00 N | 34.59 0.50 -0.12 N | 32.34 0.54 -0.53 N | 36.92 0.76 -0.41 N | 31.87 0.79 -3.85 N | 45.76 1.37 -0.37 N | 43.45 1.50 0.00 N | 46.49 1.74 -0.01 N | 62.11 2.40 0.00 N | 63.58 2.47 -0.02 N | 32.69 1.34 0.00 N | -74.56 -3.25 0.00 N | 91.00 3.82 0.00 N | 50.74 1.64 0.00 N | 35.58 1.15 0.00 N | 38.32 1.24 0.00 N | 35.06 1.03 0.00 N | 35.62 0.99 0.00 N | 32.35 0.96 -0.04 N | 28.15 0.77 -0.12 N | 32.02 0.71 0.00 N |
| FIBERTEK___ENERGY 23856 | 39.11 -0.03 -0.39 N | 12.53 0.00 -3.37 N | 35.42 -0.12 -0.14 N | 31.40 -0.14 0.00 N | 34.05 -0.15 -0.23 N | 32.17 -0.11 -1.01 N | 36.47 -0.06 -0.78 N | 34.68 0.07 -7.38 N | 44.82 0.10 -0.71 N | 42.17 0.21 -0.01 N | 45.03 0.28 -0.01 N | 60.14 0.43 0.00 N | 61.59 0.46 -0.04 N | 31.69 0.34 0.00 N | -72.13 -0.82 0.00 N | 88.29 1.10 0.00 N | 49.56 0.45 0.00 N | 34.81 0.38 0.00 N | 37.44 0.36 0.00 N | 34.34 0.30 0.00 N | 34.90 0.28 0.00 N | 31.71 0.27 -0.08 N | 27.73 0.23 -0.25 N | 31.43 0.12 0.00 N |
| FITZPATRICK____ 23598 | 37.97 -1.02 -0.25 N | 11.07 -0.24 -2.14 N | 34.51 -0.97 -0.09 N | 30.65 -0.88 0.00 N | 33.18 -0.94 -0.15 N | 31.06 -0.86 -0.65 N | 35.26 -0.99 -0.50 N | 31.25 -0.69 -4.70 N | 43.32 -1.14 -0.45 N | 40.94 -1.01 -0.01 N | 43.71 -1.04 -0.01 N | 58.32 -1.39 0.00 N | 59.70 -1.41 -0.02 N | 30.70 -0.65 0.00 N | -69.93 1.38 0.00 N | 85.62 -1.57 0.00 N | 48.17 -0.92 0.00 N | 33.81 -0.62 0.00 N | 36.39 -0.69 0.00 N | 33.38 -0.65 0.00 N | 33.94 -0.68 0.00 N | 30.79 -0.61 -0.05 N | 26.87 -0.54 -0.16 N | 30.61 -0.70 0.00 N |
| FORT ORANGE____ 23900 | 46.10 2.09 -5.26 N | 54.89 0.52 -45.20 N | 39.28 1.98 -1.91 N | 33.23 1.70 0.00 N | 38.89 1.78 -3.14 N | 46.62 1.73 -13.61 N | 48.29 2.04 -10.50 N | 127.79 1.52 -99.03 N | 55.91 2.37 -9.52 N | 44.32 2.25 -0.12 N | 47.36 2.42 -0.20 N | 63.02 3.31 0.00 N | 65.09 3.49 -0.51 N | 50.17 1.63 -17.19 N | -40.10 -2.89 -34.10 N | 102.57 3.72 -11.66 N | 51.23 2.13 0.00 N | 35.86 1.43 0.00 N | 38.85 1.77 0.00 N | 35.76 1.72 0.00 N | 36.48 1.86 0.00 N | 34.29 1.77 -1.18 N | 32.27 1.55 -3.47 N | 32.88 1.58 0.00 N |
| FORT_DRUM_COGEN 23780 | 40.36 1.46 -0.15 N | 10.79 0.30 -1.32 N | 36.61 1.16 -0.06 N | 32.57 1.04 0.00 N | 35.20 1.14 -0.09 N | 32.77 1.10 -0.40 N | 37.50 1.44 -0.31 N | 31.53 1.40 -2.90 N | 46.75 2.45 -0.28 N | 44.47 2.51 0.00 N | 47.39 2.65 -0.01 N | 63.52 3.81 0.00 N | 65.03 3.93 -0.02 N | 33.38 2.03 0.00 N | -75.94 -4.63 0.00 N | 92.62 5.43 0.00 N | 51.92 2.82 0.00 N | 36.45 2.02 0.00 N | 39.21 2.13 0.00 N | 35.95 1.91 0.00 N | 36.54 1.91 0.00 N | 32.94 1.56 -0.03 N | 28.53 1.20 -0.09 N | 32.72 1.42 0.00 N |
| FPL FAR_ROCK_GT1 24212 | 48.23 5.04 -4.45 N | 46.74 1.30 -36.27 N | 43.91 5.20 -3.31 N | 42.18 4.52 -6.12 N | 43.76 4.81 -4.98 N | 48.42 4.32 -12.82 N | 55.93 5.30 -14.88 N | 110.47 3.77 -79.46 N | 58.86 6.31 -8.54 N | 61.69 6.09 -13.65 N | 60.92 6.25 -9.93 N | 71.07 8.21 -3.15 N | 69.24 7.75 -0.41 N | 204.54 3.25 -169.94 N | 259.48 -6.26 -337.05 N | 210.98 8.50 -115.30 N | 53.72 4.62 0.00 N | 37.43 3.00 0.00 N | 40.42 3.34 0.00 N | 39.57 3.31 -2.22 N | 41.38 3.85 -2.90 N | 36.47 3.72 -1.40 N | 34.01 3.59 -3.16 N | 41.09 4.40 -5.38 N |
| FPL FAR_ROCK_GT2 23815 | 48.23 5.04 -4.45 N | 46.74 1.30 -36.27 N | 43.91 5.20 -3.31 N | 42.18 4.52 -6.12 N | 43.76 4.81 -4.98 N | 48.42 4.32 -12.82 N | 55.93 5.30 -14.88 N | 110.47 3.77 -79.46 N | 58.86 6.31 -8.54 N | 61.69 6.09 -13.65 N | 60.92 6.25 -9.93 N | 71.07 8.21 -3.15 N | 69.24 7.75 -0.41 N | 204.54 3.25 -169.94 N | 259.48 -6.26 -337.05 N | 210.98 8.50 -115.30 N | 53.72 4.62 0.00 N | 37.43 3.00 0.00 N | 40.42 3.34 0.00 N | 39.57 3.31 -2.22 N | 41.38 3.85 -2.90 N | 36.47 3.72 -1.40 N | 34.01 3.59 -3.16 N | 41.09 4.40 -5.38 N |
| FRANKLIN_FALL_HYD 24054 | 37.82 -0.93 0.00 N | 8.96 -0.21 0.00 N | 34.78 -0.62 0.00 N | 31.12 -0.41 0.00 N | 33.66 -0.30 0.00 N | 30.89 -0.38 0.00 N | 35.20 -0.55 0.00 N | 26.94 -0.30 0.00 N | 43.79 -0.22 0.00 N | 41.72 -0.24 0.00 N | 44.50 -0.23 0.00 N | 59.52 -0.19 0.00 N | 60.94 -0.15 0.00 N | 31.27 -0.08 0.00 N | -72.27 -0.96 0.00 N | 86.80 -0.39 0.00 N | 49.90 0.80 0.00 N | 35.08 0.65 0.00 N | 37.34 0.26 0.00 N | 33.99 -0.04 0.00 N | 34.27 -0.35 0.00 N | 30.52 -0.82 0.00 N | 26.43 -0.82 0.00 N | 30.83 -0.47 0.00 N |

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| FREEPORT_EQUS_GT1 23764 | 48.17 4.98 -4.45 N | 46.66 1.22 -36.27 N | 43.52 4.81 -3.31 N | 41.87 4.22 -6.12 N | 41.74 4.53 -3.25 N | 48.30 4.21 -12.82 N | 55.78 5.15 -14.88 N | 110.43 3.73 -79.46 N | 58.61 6.05 -8.54 N | 61.36 5.76 -13.65 N | 60.59 5.92 -9.93 N | 70.71 7.85 -3.15 N | 69.41 7.91 -0.41 N | 204.72 3.43 -169.94 N | 259.01 -6.74 -337.05 N | 211.28 8.79 -115.30 N | 53.95 4.85 0.00 N | 37.63 3.20 0.00 N | 40.68 3.61 0.00 N | 39.85 3.59 -2.22 N | 41.64 4.12 -2.90 N | 36.55 3.80 -1.40 N | 34.00 3.58 -3.16 N | 38.38 4.05 -3.02 N |
| FULTON COGEN____ 23766 | 38.66 -0.40 -0.32 N | 11.79 -0.10 -2.72 N | 35.05 -0.46 -0.11 N | 31.10 -0.44 0.00 N | 33.69 -0.46 -0.19 N | 31.67 -0.42 -0.82 N | 35.95 -0.43 -0.63 N | 32.96 -0.23 -5.95 N | 44.20 -0.39 -0.57 N | 41.70 -0.26 -0.01 N | 44.54 -0.21 -0.01 N | 59.47 -0.25 0.00 N | 60.89 -0.22 -0.03 N | 31.31 -0.04 0.00 N | -71.21 0.10 0.00 N | 87.20 0.02 0.00 N | 49.03 -0.07 0.00 N | 34.42 -0.01 0.00 N | 37.02 -0.06 0.00 N | 33.98 -0.06 0.00 N | 34.54 -0.08 0.00 N | 31.36 -0.05 -0.07 N | 27.37 -0.08 -0.20 N | 31.10 -0.20 0.00 N |
| Freeport____CT2 23818 | 48.17 4.98 -4.45 N | 46.66 1.22 -36.27 N | 43.52 4.81 -3.31 N | 41.87 4.22 -6.12 N | 41.74 4.53 -3.25 N | 48.30 4.21 -12.82 N | 55.78 5.15 -14.88 N | 110.43 3.73 -79.46 N | 58.61 6.05 -8.54 N | 61.36 5.76 -13.65 N | 60.59 5.92 -9.93 N | 70.71 7.85 -3.15 N | 69.41 7.91 -0.41 N | 204.72 3.43 -169.94 N | 259.01 -6.74 -337.05 N | 211.28 8.79 -115.30 N | 53.95 4.85 0.00 N | 37.63 3.20 0.00 N | 40.68 3.61 0.00 N | 39.85 3.59 -2.22 N | 41.64 4.12 -2.90 N | 36.55 3.80 -1.40 N | 34.00 3.58 -3.16 N | 38.38 4.05 -3.02 N |
| G.F.CEMENT____DRP 24184 | 47.41 3.18 -5.48 N | 57.01 0.76 -47.08 N | 40.26 2.88 -1.99 N | 33.90 2.36 0.00 N | 39.72 2.48 -3.27 N | 47.96 2.51 -14.18 N | 49.57 2.88 -10.93 N | 132.65 2.25 -103.16 N | 57.80 3.87 -9.91 N | 45.65 3.57 -0.13 N | 48.68 3.74 -0.21 N | 65.21 5.50 0.00 N | 67.59 5.97 -0.53 N | 48.98 2.71 -14.93 N | -46.55 5.75 -29.61 N | 103.07 5.75 -10.13 N | 52.26 3.16 0.00 N | 36.76 2.34 0.00 N | 40.24 3.17 0.00 N | 37.03 2.99 0.00 N | 37.76 3.13 0.00 N | 35.49 2.92 -1.23 N | 33.27 2.41 -3.61 N | 33.62 2.31 0.00 N |
| GARDENVILLE____LBMP 24039 | 36.36 -3.03 -0.64 N | 13.95 -0.73 -5.51 N | 32.73 -2.90 -0.23 N | 28.98 -2.56 0.00 N | 31.83 -2.52 -0.38 N | 30.39 -2.54 -1.66 N | 33.74 -2.35 -1.28 N | 36.95 -2.35 -12.06 N | 40.80 -4.37 -1.16 N | 38.07 -3.89 -0.02 N | 40.78 -3.98 -0.02 N | 54.24 -5.47 0.00 N | 55.70 -5.45 -0.06 N | 29.18 -2.18 0.00 N | -67.33 3.98 0.00 N | 81.91 -5.28 0.00 N | 45.14 -3.96 0.00 N | 32.17 -2.26 0.00 N | 34.30 -2.78 0.00 N | 31.46 -2.58 0.00 N | 31.94 -2.69 0.00 N | 29.01 -2.46 -0.12 N | 25.59 -2.02 -0.36 N | 28.95 -2.35 0.00 N |
| GENERAL____MILLS 23808 | 36.45 -2.95 -0.65 N | 14.04 -0.71 -5.58 N | 32.80 -2.83 -0.23 N | 29.02 -2.51 0.00 N | 31.89 -2.46 -0.39 N | 30.46 -2.49 -1.68 N | 33.81 -3.24 -1.30 N | 37.15 -2.31 -12.23 N | 40.90 -4.29 -1.18 N | 38.17 -3.80 -0.02 N | 40.87 -3.89 -0.02 N | 54.37 -5.34 0.00 N | 55.86 -5.29 -0.06 N | 29.27 -2.08 0.00 N | -67.54 3.77 0.00 N | 82.11 -5.07 0.00 N | 45.30 -3.80 0.00 N | 32.27 -2.16 0.00 N | 34.41 -2.67 0.00 N | 31.55 -2.48 0.00 N | 32.03 -2.59 0.00 N | 29.11 -2.36 -0.12 N | 25.67 -1.94 -0.36 N | 29.04 -2.27 0.00 N |
| GE_PLASTICS____DRP 24183 | 45.53 1.47 -5.32 N | 55.24 0.36 -45.70 N | 38.70 1.38 -1.93 N | 32.73 1.19 0.00 N | 38.38 1.24 -3.18 N | 46.25 1.21 -13.76 N | 47.78 1.41 -10.61 N | 128.50 1.12 -100.14 N | 55.45 1.81 -9.62 N | 43.80 1.73 -0.12 N | 46.80 1.86 -0.20 N | 62.24 2.53 0.00 N | 64.22 2.62 -0.51 N | 32.56 1.21 0.00 N | -73.34 -2.04 0.00 N | 89.87 2.68 0.00 N | 50.43 1.33 0.00 N | 35.27 0.85 0.00 N | 38.18 1.10 0.00 N | 35.15 1.11 0.00 N | 35.84 1.22 0.00 N | 33.74 1.21 -1.19 N | 31.83 1.08 -3.51 N | 32.37 1.06 0.00 N |
| GILBOA____1 23756 | 44.74 1.87 -4.12 N | 45.00 0.46 -35.37 N | 38.63 1.74 -1.49 N | 33.15 1.62 0.00 N | 38.15 1.72 -2.46 N | 43.54 1.62 -10.65 N | 45.78 1.81 -8.21 N | 106.13 1.40 -77.49 N | 53.69 2.22 -7.45 N | 44.18 2.13 -0.10 N | 47.18 2.28 -0.15 N | 62.76 3.05 0.00 N | 64.49 3.01 -0.40 N | -1.66 1.46 34.46 N | -142.25 -2.60 68.35 N | 67.32 3.51 23.38 N | 50.87 1.77 0.00 N | 35.60 1.17 0.00 N | 38.49 1.41 0.00 N | 35.44 1.41 0.00 N | 36.16 1.53 0.00 N | 33.76 1.49 -0.92 N | 31.33 1.36 -2.72 N | 32.75 1.44 0.00 N |
| GILBOA____2 23757 | 44.74 1.87 -4.12 N | 45.00 0.46 -35.37 N | 38.63 1.74 -1.49 N | 33.15 1.62 0.00 N | 38.15 1.72 -2.46 N | 43.54 1.62 -10.65 N | 45.78 1.81 -8.21 N | 106.13 1.40 -77.49 N | 53.69 2.22 -7.45 N | 44.18 2.13 -0.10 N | 47.18 2.28 -0.15 N | 62.76 3.05 0.00 N | 64.49 3.01 -0.40 N | -1.66 1.46 34.46 N | -142.25 -2.60 68.35 N | 67.32 3.51 23.38 N | 50.87 1.77 0.00 N | 35.60 1.17 0.00 N | 38.49 1.41 0.00 N | 35.44 1.41 0.00 N | 36.16 1.53 0.00 N | 33.76 1.49 -0.92 N | 31.33 1.36 -2.72 N | 32.75 1.44 0.00 N |
| GILBOA____3 23758 | 44.74 1.87 -4.12 N | 45.00 0.46 -35.37 N | 38.63 1.74 -1.49 N | 33.15 1.62 0.00 N | 38.15 1.72 -2.46 N | 43.54 1.62 -10.65 N | 45.78 1.81 -8.21 N | 106.13 1.40 -77.49 N | 53.69 2.22 -7.45 N | 44.18 2.13 -0.10 N | 47.18 2.28 -0.15 N | 62.76 3.05 0.00 N | 64.49 3.01 -0.40 N | -1.66 1.46 34.46 N | -142.25 -2.60 68.35 N | 67.32 3.51 23.38 N | 50.87 1.77 0.00 N | 35.60 1.17 0.00 N | 38.49 1.41 0.00 N | 35.44 1.41 0.00 N | 36.16 1.53 0.00 N | 33.76 1.49 -0.92 N | 31.33 1.36 -2.72 N | 32.75 1.44 0.00 N |
| GILBOA____4 23759 | 44.74 1.87 -4.12 N | 45.00 0.46 -35.37 N | 38.63 1.74 -1.49 N | 33.15 1.62 0.00 N | 38.15 1.72 -2.46 N | 43.54 1.62 -10.65 N | 45.78 1.81 -8.21 N | 106.13 1.40 -77.49 N | 53.69 2.22 -7.45 N | 44.18 2.13 -0.10 N | 47.18 2.28 -0.15 N | 62.76 3.05 0.00 N | 64.49 3.01 -0.40 N | -1.66 1.46 34.46 N | -142.25 -2.60 68.35 N | 67.32 3.51 23.38 N | 50.87 1.77 0.00 N | 35.60 1.17 0.00 N | 38.49 1.41 0.00 N | 35.44 1.41 0.00 N | 36.16 1.53 0.00 N | 33.76 1.49 -0.92 N | 31.33 1.36 -2.72 N | 32.75 1.44 0.00 N |
| GILBOA____ 23599 | 44.74 1.87 -4.12 N | 45.00 0.46 -35.37 N | 38.63 1.74 -1.49 N | 33.15 1.62 0.00 N | 38.15 1.72 -2.46 N | 43.54 1.62 -10.65 N | 45.78 1.81 -8.21 N | 106.13 1.40 -77.49 N | 53.69 2.22 -7.45 N | 44.18 2.13 -0.10 N | 47.18 2.28 -0.15 N | 62.76 3.05 0.00 N | 64.49 3.01 -0.40 N | -1.66 1.46 34.46 N | -142.25 -2.60 68.35 N | 67.32 3.51 23.38 N | 50.87 1.77 0.00 N | 35.60 1.17 0.00 N | 38.49 1.41 0.00 N | 35.44 1.41 0.00 N | 36.16 1.53 0.00 N | 33.76 1.49 -0.92 N | 31.33 1.36 -2.72 N | 32.75 1.44 0.00 N |
| GINNA____ 23603 | 36.81 -2.40 -0.46 N | 12.58 -0.58 -3.98 N | 33.16 -2.40 -0.17 N | 29.30 -2.23 0.00 N | 31.92 -2.32 -0.28 N | 30.33 -2.14 -1.20 N | 34.17 -2.51 -0.92 N | 34.30 -1.67 -8.73 N | 42.01 -2.85 -0.84 N | 39.55 -2.42 -0.01 N | 42.29 -2.46 -0.02 N | 56.32 -3.39 0.00 N | 57.71 -3.43 -0.04 N | 29.98 -1.38 0.00 N | -68.93 2.38 0.00 N | 84.16 -3.03 0.00 N | 46.99 -2.10 0.00 N | 33.18 -1.25 0.00 N | 35.49 -1.59 0.00 N | 32.41 -1.63 0.00 N | 32.90 -1.73 0.00 N | 29.81 -1.63 -0.09 N | 26.02 -1.51 -0.28 N | 29.36 -1.95 0.00 N |
| GLEN PARK____ 23778 | 40.65 1.73 -0.17 N | 11.01 0.36 -1.48 N | 36.82 1.36 -0.06 N | 32.75 1.22 0.00 N | 35.41 1.33 -0.10 N | 33.01 1.30 -0.45 N | 37.77 1.68 -0.34 N | 32.08 1.60 -3.25 N | 47.11 2.79 -0.31 N | 44.81 2.86 0.00 N | 47.80 3.06 -0.01 N | 64.07 4.36 0.00 N | 65.60 4.50 -0.02 N | 33.69 2.34 0.00 N | -76.58 -5.27 0.00 N | 93.40 6.21 0.00 N | 52.34 3.24 0.00 N | 36.75 2.32 0.00 N | 39.55 2.47 0.00 N | 36.26 2.22 0.00 N | 36.86 2.24 0.00 N | 33.24 1.86 -0.03 N | 28.79 1.43 -0.10 N | 32.92 1.62 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 |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---|
| GLENWOOD_IC_1_G5 23712 | 47.80 4.60 -4.45 N | 46.56 1.12 -36.27 N | 43.08 4.38 -3.31 N | 41.46 3.81 -6.12 N | 41.14 4.09 -3.08 N | 47.91 3.82 -12.82 N | 55.22 4.59 -14.88 N | 110.04 3.34 -79.46 N | 58.02 5.46 -8.54 N | 60.88 5.27 -13.65 N | 60.02 5.35 -9.93 N | 69.99 7.13 -3.15 N | 68.56 7.06 -0.41 N | 204.40 3.11 -169.94 N | 259.78 -5.96 -337.05 N | 210.29 7.80 -115.30 N | 53.14 4.04 0.00 N | 37.07 2.64 0.00 N | 40.02 2.94 0.00 N | 39.19 2.93 -2.22 N | 40.89 3.36 -2.90 N | 36.17 3.42 -1.40 N | 33.64 3.23 -3.16 N | 37.73 3.63 -2.80 N | |
| GLENWOOD_IC_2_G1 23688 | 47.64 4.45 -4.45 N | 46.52 1.08 -36.27 N | 42.89 4.18 -3.31 N | 41.30 3.64 -6.12 N | 40.79 3.91 -2.91 N | 47.75 3.66 -12.82 N | 55.09 4.46 -14.88 N | 109.99 3.29 -79.46 N | 57.83 5.27 -8.54 N | 60.74 5.13 -13.65 N | 60.07 5.40 -9.93 N | 69.94 7.08 -3.15 N | 68.59 7.10 -0.41 N | 204.49 3.20 -169.94 N | 259.49 -6.25 -337.05 N | 210.57 8.08 -115.30 N | 53.32 4.22 0.00 N | 37.22 2.79 0.00 N | 40.21 3.13 0.00 N | 39.39 3.13 -2.22 N | 41.02 3.49 -2.90 N | 36.09 3.34 -1.40 N | 33.52 3.11 -3.16 N | 37.32 3.45 -2.56 N | |
| GLENWOOD_IC_3_G1 23689 | 47.64 4.45 -4.45 N | 46.52 1.08 -36.27 N | 42.89 4.18 -3.31 N | 41.30 3.64 -6.12 N | 40.79 3.91 -2.91 N | 47.75 3.66 -12.82 N | 55.09 4.46 -14.88 N | 109.99 3.29 -79.46 N | 57.83 5.27 -8.54 N | 60.74 5.13 -13.65 N | 60.07 5.40 -9.93 N | 69.94 7.08 -3.15 N | 68.59 7.10 -0.41 N | 204.49 3.20 -169.94 N | 259.49 -6.25 -337.05 N | 210.57 8.08 -115.30 N | 53.32 4.22 0.00 N | 37.22 2.79 0.00 N | 40.21 3.13 0.00 N | 39.39 3.13 -2.22 N | 41.02 3.49 -2.90 N | 36.09 3.34 -1.40 N | 33.52 3.11 -3.16 N | 37.32 3.45 -2.56 N | |
| GLENWOOD___4 23550 | 47.80 4.60 -4.45 N | 46.56 1.12 -36.27 N | 43.08 4.38 -3.31 N | 41.46 3.81 -6.12 N | 41.14 4.09 -3.08 N | 47.91 3.82 -12.82 N | 55.22 4.59 -14.88 N | 110.04 3.34 -79.46 N | 58.02 5.46 -8.54 N | 60.88 5.27 -13.65 N | 60.06 5.39 -9.93 N | 70.01 7.15 -3.15 N | 68.61 7.12 -0.41 N | 204.44 3.15 -169.94 N | 259.64 -6.10 -337.05 N | 210.46 7.98 -115.30 N | 53.24 4.14 0.00 N | 37.14 2.71 0.00 N | 40.09 3.01 0.00 N | 39.26 3.00 -2.22 N | 40.96 3.43 -2.90 N | 36.17 3.42 -1.40 N | 33.64 3.23 -3.16 N | 37.73 3.63 -2.80 N | |
| GLENWOOD___5 23614 | 47.80 4.60 -4.45 N | 46.56 1.12 -36.27 N | 43.08 4.38 -3.31 N | 41.46 3.81 -6.12 N | 41.14 4.09 -3.08 N | 47.91 3.82 -12.82 N | 55.22 4.59 -14.88 N | 110.04 3.34 -79.46 N | 58.02 5.46 -8.54 N | 60.88 5.27 -13.65 N | 60.06 5.39 -9.93 N | 70.01 7.15 -3.15 N | 68.61 7.12 -0.41 N | 204.44 3.15 -169.94 N | 259.64 -6.10 -337.05 N | 210.46 7.98 -115.30 N | 53.24 4.14 0.00 N | 37.14 2.71 0.00 N | 40.09 3.01 0.00 N | 39.26 3.00 -2.22 N | 40.96 3.43 -2.90 N | 36.17 3.42 -1.40 N | 33.64 3.23 -3.16 N | 37.73 3.63 -2.80 N | |
| GLOBAL GREEN_PORT_GT1 23814 | 52.04 8.84 -4.45 N | 47.65 2.21 -36.27 N | 47.48 8.77 -3.31 N | 45.67 8.02 -6.12 N | 45.40 8.68 -2.75 N | 52.15 8.06 -12.82 N | 60.42 9.78 -14.88 N | 113.93 7.23 -79.46 N | 64.26 11.70 -8.54 N | 67.85 12.24 -13.65 N | 67.87 13.20 -9.93 N | 80.06 17.20 -3.15 N | 79.04 17.54 -0.41 N | 209.56 8.27 -169.94 N | 247.87 -17.87 -337.05 N | 224.81 22.33 -115.30 N | 61.45 12.35 0.00 N | 42.69 8.26 0.00 N | 46.18 9.10 0.00 N | 45.06 8.80 -2.22 N | 47.95 10.42 -2.90 N | 41.84 9.09 -1.40 N | 38.13 7.72 -3.16 N | 41.89 8.24 -2.34 N | |
| GOETHSLN___LBMP 323567 | 47.25 4.28 -4.22 N | 46.45 1.02 -36.26 N | 40.83 3.90 -1.53 N | 34.90 3.37 0.00 N | 40.15 3.66 -2.52 N | 45.67 3.48 -10.92 N | 48.46 4.29 -8.42 N | 109.88 3.19 -79.44 N | 56.69 5.04 -7.63 N | 46.91 4.86 -0.10 N | 50.07 5.17 -0.16 N | 66.35 6.64 0.00 N | 64.50 6.55 3.13 N | 190.93 2.96 -156.63 N | 259.72 -5.92 -336.94 N | 210.05 7.61 -115.26 N | 52.94 3.84 0.00 N | 36.97 2.54 0.00 N | 39.95 2.87 0.00 N | 36.99 2.95 0.00 N | 37.79 3.17 0.00 N | 35.35 3.06 -0.94 N | 32.91 2.88 -2.78 N | 34.50 3.20 0.00 N | |
| GOUDEY___7 23579 | 40.39 0.28 -1.36 N | 20.90 0.04 -11.69 N | 36.02 0.12 -0.49 N | 31.73 0.19 0.00 N | 35.07 0.29 -0.81 N | 35.00 0.21 -3.52 N | 38.79 0.32 -2.71 N | 53.13 0.28 -25.61 N | 46.77 0.29 -2.46 N | 42.35 0.36 -0.03 N | 45.32 0.53 -0.05 N | 60.52 0.81 0.00 N | 62.05 0.84 -0.13 N | 37.43 0.43 -5.65 N | -60.33 -0.24 -11.22 N | 91.75 0.72 -3.84 N | 49.48 0.38 0.00 N | 34.83 0.40 0.00 N | 37.54 0.46 0.00 N | 34.61 0.58 0.00 N | 35.27 0.64 0.00 N | 32.23 0.58 -0.31 N | 28.74 0.59 -0.90 N | 31.92 0.61 0.00 N | |
| GOUDEY___8 23580 | 40.34 0.23 -1.36 N | 20.89 0.04 -11.69 N | 35.98 0.09 -0.49 N | 31.69 0.16 0.00 N | 35.04 0.26 -0.81 N | 34.97 0.18 -3.52 N | 38.75 0.28 -2.71 N | 53.09 0.25 -25.61 N | 46.70 0.22 -2.46 N | 42.29 0.31 -0.03 N | 45.26 0.47 -0.05 N | 60.43 0.72 0.00 N | 61.97 0.75 -0.13 N | 37.39 0.39 -5.65 N | -60.26 -0.17 -11.22 N | 91.61 0.57 -3.84 N | 49.42 0.32 0.00 N | 34.78 0.35 0.00 N | 37.49 0.41 0.00 N | 34.57 0.53 0.00 N | 35.23 0.60 0.00 N | 32.19 0.54 -0.31 N | 28.71 0.55 -0.90 N | 31.89 0.58 0.00 N | |
| GOWANUS_GT1_1 24077 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.44 7.22 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.90 7.93 -306.78 N | 292.63 4.13 -239.40 N | 196.38 2.75 -159.20 N | 191.12 3.04 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N | |
| GOWANUS_GT1_2 24078 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.44 7.22 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.90 7.93 -306.78 N | 292.63 4.13 -239.40 N | 196.38 2.75 -159.20 N | 191.12 3.04 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N | |
| GOWANUS_GT1_3 24079 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.44 7.22 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.90 7.93 -306.78 N | 292.63 4.13 -239.40 N | 196.38 2.75 -159.20 N | 191.12 3.04 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N | |
| GOWANUS_GT1_4 24080 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.44 7.22 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.90 7.93 -306.78 N | 292.63 4.13 -239.40 N | 196.38 2.75 -159.20 N | 191.12 3.04 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N | |
| GOWANUS_GT1_5 | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.44 | 271.85 | 235.45 | 394.12 | 401.90 | 292.63 | 196.38 | 191.12 | 195.81 | 195.82 | 195.81 | 195.77 | 178.83 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|--|--|--|---------|---------|---------|---------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 24084 | | | | | 4.76 | 1.14 | 4.37 | 3.81 | 4.06 | 3.83 | 4.71 | 3.50 | 5.53 | 5.36 | 5.71 | 7.22 | 7.13 | 3.17 | -6.20 | 7.93 | 4.13 | 2.75 | 3.04 | 3.12 | 3.34 | 3.26 | 3.05 | 3.47 |
| | | | | | -139.79 | -183.63 | -162.06 | -111.68 | -31.50 | -10.93 | -119.72 | -157.80 | -131.02 | -206.01 | -227.09 | -204.50 | -203.63 | -200.92 | -471.63 | -306.78 | -239.40 | -159.20 | -151.00 | -158.65 | -157.86 | -161.21 | -165.47 | -144.06 |
| | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT1_6 | 24111 | | | | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.44 | 271.85 | 235.45 | 394.12 | 401.90 | 292.63 | 196.38 | 191.12 | 195.81 | 195.82 | 195.81 | 195.77 | 178.83 |
| | | | | | 4.76 | 1.14 | 4.37 | 3.81 | 4.06 | 3.83 | 4.71 | 3.50 | 5.53 | 5.36 | 5.71 | 7.22 | 7.13 | 3.17 | -6.20 | 7.93 | 4.13 | 2.75 | 3.04 | 3.12 | 3.34 | 3.26 | 3.05 | 3.47 |
| | | | | | -139.79 | -183.63 | -162.06 | -111.68 | -31.50 | -10.93 | -119.72 | -157.80 | -131.02 | -206.01 | -227.09 | -204.50 | -203.63 | -200.92 | -471.63 | -306.78 | -239.40 | -159.20 | -151.00 | -158.65 | -157.86 | -161.21 | -165.47 | -144.06 |
| | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT1_7 | 24112 | | | | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.44 | 271.85 | 235.45 | 394.12 | 401.90 | 292.63 | 196.38 | 191.12 | 195.81 | 195.82 | 195.81 | 195.77 | 178.83 |
| | | | | | 4.76 | 1.14 | 4.37 | 3.81 | 4.06 | 3.83 | 4.71 | 3.50 | 5.53 | 5.36 | 5.71 | 7.22 | 7.13 | 3.17 | -6.20 | 7.93 | 4.13 | 2.75 | 3.04 | 3.12 | 3.34 | 3.26 | 3.05 | 3.47 |
| | | | | | -139.79 | -183.63 | -162.06 | -111.68 | -31.50 | -10.93 | -119.72 | -157.80 | -131.02 | -206.01 | -227.09 | -204.50 | -203.63 | -200.92 | -471.63 | -306.78 | -239.40 | -159.20 | -151.00 | -158.65 | -157.86 | -161.21 | -165.47 | -144.06 |
| | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT1_8 | 24113 | | | | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.44 | 271.85 | 235.45 | 394.12 | 401.90 | 292.63 | 196.38 | 191.12 | 195.81 | 195.82 | 195.81 | 195.77 | 178.83 |
| | | | | | 4.76 | 1.14 | 4.37 | 3.81 | 4.06 | 3.83 | 4.71 | 3.50 | 5.53 | 5.36 | 5.71 | 7.22 | 7.13 | 3.17 | -6.20 | 7.93 | 4.13 | 2.75 | 3.04 | 3.12 | 3.34 | 3.26 | 3.05 | 3.47 |
| | | | | | -139.79 | -183.63 | -162.06 | -111.68 | -31.50 | -10.93 | -119.72 | -157.80 | -131.02 | -206.01 | -227.09 | -204.50 | -203.63 | -200.92 | -471.63 | -306.78 | -239.40 | -159.20 | -151.00 | -158.65 | -157.86 | -161.21 | -165.47 | -144.06 |
| | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_1 | 24114 | | | | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.45 | 271.85 | 235.45 | 394.12 | 401.89 | 292.62 | 196.38 | 191.13 | 195.81 | 195.82 | 195.81 | 195.77 | 178.83 |
| | | | | | 4.76 | 1.14 | 4.37 | 3.81 | 4.06 | 3.83 | 4.71 | 3.50 | 5.53 | 5.36 | 5.71 | 7.23 | 7.13 | 3.17 | -6.20 | 7.93 | 4.12 | 2.75 | 3.05 | 3.12 | 3.34 | 3.26 | 3.05 | 3.47 |
| | | | | | -139.79 | -183.63 | -162.06 | -111.68 | -31.50 | -10.93 | -119.72 | -157.80 | -131.02 | -206.01 | -227.09 | -204.50 | -203.63 | -200.92 | -471.63 | -306.78 | -239.40 | -159.20 | -151.00 | -158.65 | -157.86 | -161.21 | -165.47 | -144.06 |
| | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_2 | 24115 | | | | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.45 | 271.85 | 235.45 | 394.12 | 401.89 | 292.62 | 196.38 | 191.13 | 195.81 | 195.82 | 195.81 | 195.77 | 178.83 |
| | | | | | 4.76 | 1.14 | 4.37 | 3.81 | 4.06 | 3.83 | 4.71 | 3.50 | 5.53 | 5.36 | 5.71 | 7.23 | 7.13 | 3.17 | -6.20 | 7.93 | 4.12 | 2.75 | 3.05 | 3.12 | 3.34 | 3.26 | 3.05 | 3.47 |
| | | | | | -139.79 | -183.63 | -162.06 | -111.68 | -31.50 | -10.93 | -119.72 | -157.80 | -131.02 | -206.01 | -227.09 | -204.50 | -203.63 | -200.92 | -471.63 | -306.78 | -239.40 | -159.20 | -151.00 | -158.65 | -157.86 | -161.21 | -165.47 | -144.06 |
| | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_3 | 24116 | | | | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.45 | 271.85 | 235.45 | 394.12 | 401.89 | 292.62 | 196.38 | 191.13 | 195.81 | 195.82 | 195.81 | 195.77 | 178.83 |
| | | | | | 4.76 | 1.14 | 4.37 | 3.81 | 4.06 | 3.83 | 4.71 | 3.50 | 5.53 | 5.36 | 5.71 | 7.23 | 7.13 | 3.17 | -6.20 | 7.93 | 4.12 | 2.75 | 3.05 | 3.12 | 3.34 | 3.26 | 3.05 | 3.47 |
| | | | | | -139.79 | -183.63 | -162.06 | -111.68 | -31.50 | -10.93 | -119.72 | -157.80 | -131.02 | -206.01 | -227.09 | -204.50 | -203.63 | -200.92 | -471.63 | -306.78 | -239.40 | -159.20 | -151.00 | -158.65 | -157.86 | -161.21 | -165.47 | -144.06 |
| | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_4 | 24117 | | | | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.45 | 271.85 | 235.45 | 394.12 | 401.89 | 292.62 | 196.38 | 191.13 | 195.81 | 195.82 | 195.81 | 195.77 | 178.83 |
| | | | | | 4.76 | 1.14 | 4.37 | 3.81 | 4.06 | 3.83 | 4.71 | 3.50 | 5.53 | 5.36 | 5.71 | 7.23 | 7.13 | 3.17 | -6.20 | 7.93 | 4.12 | 2.75 | 3.05 | 3.12 | 3.34 | 3.26 | 3.05 | 3.47 |
| | | | | | -139.79 | -183.63 | -162.06 | -111.68 | -31.50 | -10.93 | -119.72 | -157.80 | -131.02 | -206.01 | -227.09 | -204.50 | -203.63 | -200.92 | -471.63 | -306.78 | -239.40 | -159.20 | -151.00 | -158.65 | -157.86 | -161.21 | -165.47 | -144.06 |
| | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_5 | 24118 | | | | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.45 | 271.85 | 235.45 | 394.12 | 401.89 | 292.62 | 196.38 | 191.13 | 195.81 | 195.82 | 195.81 | 195.77 | 178.83 |
| | | | | | 4.76 | 1.14 | 4.37 | 3.81 | 4.06 | 3.83 | 4.71 | 3.50 | 5.53 | 5.36 | 5.71 | 7.23 | 7.13 | 3.17 | -6.20 | 7.93 | 4.12 | 2.75 | 3.05 | 3.12 | 3.34 | 3.26 | 3.05 | 3.47 |
| | | | | | -139.79 | -183.63 | -162.06 | -111.68 | -31.50 | -10.93 | -119.72 | -157.80 | -131.02 | -206.01 | -227.09 | -204.50 | -203.63 | -200.92 | -471.63 | -306.78 | -239.40 | -159.20 | -151.00 | -158.65 | -157.86 | -161.21 | -165.47 | -144.06 |
| | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_6 | 24119 | | | | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.45 | 271.85 | 235.45 | 394.12 | 401.89 | 292.62 | 196.38 | 191.13 | 195.81 | 195.82 | 195.81 | 195.77 | 178.83 |
| | | | | | 4.76 | 1.14 | 4.37 | 3.81 | 4.06 | 3.83 | 4.71 | 3.50 | 5.53 | 5.36 | 5.71 | 7.23 | 7.13 | 3.17 | -6.20 | 7.93 | 4.12 | 2.75 | 3.05 | 3.12 | 3.34 | 3.26 | 3.05 | 3.47 |
| | | | | | -139.79 | -183.63 | -162.06 | -111.68 | -31.50 | -10.93 | -119.72 | -157.80 | -131.02 | -206.01 | -227.09 | -204.50 | -203.63 | -200.92 | -471.63 | -306.78 | -239.40 | -159.20 | -151.00 | -158.65 | -157.86 | -161.21 | -165.47 | -144.06 |
| | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_7 | 24120 | | | | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.45 | 271.85 | 235.45 | 394.12 | 401.89 | 292.62 | 196.38 | 191.13 | 195.81 | 195.82 | 195.81 | 195.77 | 178.83 |
| | | | | | 4.76 | 1.14 | 4.37 | 3.81 | 4.06 | 3.83 | 4.71 | 3.50 | 5.53 | 5.36 | 5.71 | 7.23 | 7.13 | 3.17 | -6.20 | 7.93 | 4.12 | 2.75 | 3.05 | 3.12 | 3.34 | 3.26 | 3.05 | 3.47 |
| | | | | | -139.79 | -183.63 | -162.06 | -111.68 | -31.50 | -10.93 | -119.72 | -157.80 | -131.02 | -206.01 | -227.09 | -204.50 | -203.63 | -200.92 | -471.63 | -306.78 | -239.40 | -159.20 | -151.00 | -158.65 | -157.86 | -161.21 | -165.47 | -144.06 |
| | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_8 | 24121 | | | | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.45 | 271.85 | 235.45 | 394.12 | 401.89 | 292.62 | 196.38 | 191.13 | 195.81 | 195.82 | 195.81 | 195.77 | 178.83 |
| | | | | | 4.76 | 1.14 | 4.37 | 3.81 | 4.06 | 3.83 | 4.71 | 3.50 | 5.53 | 5.36 | 5.71 | 7.23 | 7.13 | 3.17 | -6.20 | 7.93 | 4.12 | 2.75 | 3.05 | 3.12 | 3.34 | 3.26 | 3.05 | 3.47 |
| | | | | | -139.79 | -183.63 | -162.06 | -111.68 | -31.50 | -10.93 | -119.72 | -157.80 | -131.02 | -206.01 | -227.09 | -204.50 | -203.63 | -200.92 | -471.63 | -306.78 | -239.40 | -159.20 | -151.00 | -158.65 | -157.86 | -161.21 | -165.47 | -144.06 |
| | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_1 | 24122 | | | | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.44 | 271.85 | 235.45 | 394.12 | 401.90 | 292.63 | 196.38 | 191.12 | 195.81 | 195.82 | 195.81 | 195.77 | 178.83 |
| | | | | | 4.76 | 1.14 | 4.37 | 3.81 | 4.06 | 3.83 | 4.71 | 3.50 | 5.53 | 5.36 | 5.71 | 7.22 | 7.13 | 3.17 | -6.20 | 7.93 | 4.13 | 2.75 | 3.04 | 3.12 | 3.34 | 3.26 | 3.05 | 3.47 |
| | | | | | -139.79 | -183.63 | -162.06 | -111.68 | -31.50 | -10.93 | -119.72 | -157.80 | -131.02 | -206.01 | -227.09 | -204.50 | -203.63 | -200.92 | -471.63 | -306.78 | -239.40 | -159.20 | -151.00 | -158.65 | -157.86 | -161.21 | -165.47 | -144.06 |
| | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_2 | 24123 | | | | 183.29 | 193.94 | 201.83 | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| GOWANUS_GT3_3 24124 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.44 7.22 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.90 7.93 -306.78 N | 292.63 4.13 -239.40 N | 196.38 2.75 -159.20 N | 191.12 3.04 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N |
| GOWANUS_GT3_4 24125 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.44 7.22 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.90 7.93 -306.78 N | 292.63 4.13 -239.40 N | 196.38 2.75 -159.20 N | 191.12 3.04 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N |
| GOWANUS_GT3_5 24126 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.44 7.22 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.90 7.93 -306.78 N | 292.63 4.13 -239.40 N | 196.38 2.75 -159.20 N | 191.12 3.04 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N |
| GOWANUS_GT3_6 24127 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.44 7.22 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.90 7.93 -306.78 N | 292.63 4.13 -239.40 N | 196.38 2.75 -159.20 N | 191.12 3.04 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N |
| GOWANUS_GT3_7 24128 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.44 7.22 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.90 7.93 -306.78 N | 292.63 4.13 -239.40 N | 196.38 2.75 -159.20 N | 191.12 3.04 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N |
| GOWANUS_GT3_8 24129 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.44 7.22 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.90 7.93 -306.78 N | 292.63 4.13 -239.40 N | 196.38 2.75 -159.20 N | 191.12 3.04 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N |
| GOWANUS_GT4_1 24130 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.45 7.23 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.89 7.93 -306.78 N | 292.62 4.12 -239.40 N | 196.38 2.75 -159.20 N | 191.13 3.05 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N |
| GOWANUS_GT4_2 24131 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.45 7.23 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.89 7.93 -306.78 N | 292.62 4.12 -239.40 N | 196.38 2.75 -159.20 N | 191.13 3.05 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N |
| GOWANUS_GT4_3 24132 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.45 7.23 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.89 7.93 -306.78 N | 292.62 4.12 -239.40 N | 196.38 2.75 -159.20 N | 191.13 3.05 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N |
| GOWANUS_GT4_4 24133 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.45 7.23 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.89 7.93 -306.78 N | 292.62 4.12 -239.40 N | 196.38 2.75 -159.20 N | 191.13 3.05 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N |
| GOWANUS_GT4_5 24134 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.45 7.23 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.89 7.93 -306.78 N | 292.62 4.12 -239.40 N | 196.38 2.75 -159.20 N | 191.13 3.05 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N |
| GOWANUS_GT4_6 24135 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.45 7.23 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.89 7.93 -306.78 N | 292.62 4.12 -239.40 N | 196.38 2.75 -159.20 N | 191.13 3.05 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N |
| GOWANUS_GT4_7 24136 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.45 7.23 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.89 7.93 -306.78 N | 292.62 4.12 -239.40 N | 196.38 2.75 -159.20 N | 191.13 3.05 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N |
| GOWANUS_GT4_8 24137 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.45 7.23 -204.50 N | 271.85 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.89 7.93 -306.78 N | 292.62 4.12 -239.40 N | 196.38 2.75 -159.20 N | 191.13 3.05 -151.00 N | 195.81 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.26 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.47 -144.06 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|---|---|
| GREENIDGE___3 23582 | 38.59 -0.88 -0.73 N | 15.31 -0.16 -6.30 N | 34.80 -0.86 -0.27 N | 30.80 -0.73 0.00 N | 33.56 -0.84 -0.44 N | 32.32 -0.85 -1.90 N | 36.32 -0.90 -1.46 N | 40.55 -0.49 -13.80 N | 44.39 -0.95 -1.33 N | 41.30 -0.67 -0.02 N | 44.29 -0.47 -0.03 N | 59.13 -0.58 0.00 N | 60.73 -0.43 -0.07 N | 31.41 0.06 0.00 N | -71.69 -0.38 0.00 N | 87.88 0.69 0.00 N | 48.04 -1.06 0.00 N | 34.01 -0.41 0.00 N | 36.53 -0.55 0.00 N | 33.57 -0.47 0.00 N | 34.13 -0.49 0.00 N | 31.06 -0.44 -0.15 N | 27.62 -0.08 -0.45 N | 31.08 -0.22 0.00 N | | |
| GREENIDGE___4 23583 | 38.59 -0.88 -0.73 N | 15.31 -0.16 -6.30 N | 34.80 -0.86 -0.27 N | 30.80 -0.73 0.00 N | 33.56 -0.84 -0.44 N | 32.32 -0.85 -1.90 N | 36.32 -0.90 -1.46 N | 40.55 -0.49 -13.80 N | 44.39 -0.95 -1.33 N | 41.30 -0.67 -0.02 N | 44.29 -0.47 -0.03 N | 59.13 -0.58 0.00 N | 60.73 -0.43 -0.07 N | 31.41 0.06 0.00 N | -71.69 -0.38 0.00 N | 87.88 0.69 0.00 N | 48.04 -1.06 0.00 N | 34.01 -0.41 0.00 N | 36.53 -0.55 0.00 N | 33.57 -0.47 0.00 N | 34.13 -0.49 0.00 N | 31.06 -0.44 -0.15 N | 27.62 -0.08 -0.45 N | 31.08 -0.22 0.00 N | | |
| GROVEVILLE___HYD 323602 | 46.95 3.90 -4.31 N | 47.10 0.94 -36.99 N | 40.57 3.61 -1.56 N | 34.67 3.14 0.00 N | 39.90 3.36 -2.57 N | 45.56 3.15 -11.14 N | 48.18 3.84 -8.59 N | 111.16 2.87 -81.05 N | 56.40 4.60 -7.79 N | 46.53 4.48 -0.10 N | 49.67 4.77 -0.16 N | 65.97 6.26 0.00 N | 67.87 6.37 -0.42 N | 182.91 3.00 -148.56 N | 217.35 -6.00 -294.65 N | 195.40 7.41 -100.80 N | 52.75 3.65 0.00 N | 36.80 2.38 0.00 N | 39.75 2.67 0.00 N | 36.72 2.68 0.00 N | 37.55 2.93 0.00 N | 35.14 2.83 -0.96 N | 32.69 2.60 -2.84 N | 34.14 2.83 0.00 N | | |
| HAMPSHIRE___PAPER_HYD 323593 | 38.49 -0.26 0.00 N | 9.09 -0.08 0.00 N | 35.36 -0.03 0.00 N | 31.58 0.04 0.00 N | 34.05 0.08 0.00 N | 31.24 -0.03 0.00 N | 35.71 -0.05 0.00 N | 27.33 0.09 0.00 N | 44.34 0.32 0.00 N | 42.28 0.33 0.00 N | 44.73 -0.01 0.00 N | 59.86 0.14 0.00 N | 61.24 0.15 0.00 N | 31.48 0.13 0.00 N | -72.36 -1.05 0.00 N | 88.01 0.82 0.00 N | 49.72 0.61 0.00 N | 34.86 0.44 0.00 N | 37.42 0.34 0.00 N | 34.26 0.22 0.00 N | 34.76 0.14 0.00 N | 31.08 -0.27 0.00 N | 26.93 -0.33 0.00 N | 31.51 0.21 0.00 N | | |
| HARZA MOOSE___RIVER 24016 | 39.56 0.82 0.00 N | 9.35 0.17 0.00 N | 36.09 0.69 0.00 N | 32.18 0.65 0.00 N | 34.67 0.71 0.00 N | 31.97 0.70 0.00 N | 36.68 0.92 0.00 N | 28.17 0.93 0.00 N | 45.68 1.66 0.00 N | 43.69 1.74 0.00 N | 46.57 1.83 0.00 N | 62.33 2.62 0.00 N | 63.78 2.69 0.00 N | 32.75 1.40 0.00 N | -73.93 -2.63 0.00 N | 90.27 3.08 0.00 N | 50.64 1.54 0.00 N | 35.53 1.10 0.00 N | 38.24 1.16 0.00 N | 35.07 1.03 0.00 N | 35.65 1.03 0.00 N | 32.18 0.83 0.00 N | 27.87 0.63 0.00 N | 32.16 0.86 0.00 N | | |
| HEMPSTEAD___ 23647 | 47.92 4.72 -4.45 N | 46.60 1.16 -36.27 N | 43.26 4.55 -3.31 N | 41.64 3.98 -6.12 N | 41.31 4.27 -3.08 N | 48.07 3.98 -12.82 N | 55.48 4.85 -14.88 N | 110.23 3.53 -79.46 N | 58.30 5.74 -8.54 N | 61.18 5.57 -13.65 N | 60.43 5.76 -9.93 N | 70.47 7.61 -3.15 N | 69.13 7.64 -0.41 N | 204.63 3.34 -169.94 N | 259.22 -6.52 -337.05 N | 211.03 8.55 -115.30 N | 53.70 4.60 0.00 N | 37.45 3.02 0.00 N | 40.45 3.37 0.00 N | 39.59 3.33 -2.22 N | 41.36 3.84 -2.90 N | 36.37 3.62 -1.40 N | 33.82 3.40 -3.16 N | 37.90 3.81 -2.79 N | | |
| HICKLING___1 23621 | 40.53 0.84 -0.95 N | 17.44 0.14 -8.13 N | 36.18 0.43 -0.34 N | 32.04 0.50 0.00 N | 35.31 0.78 -0.57 N | 34.33 0.62 -2.45 N | 38.49 0.85 -1.89 N | 45.83 0.78 -17.82 N | 46.70 0.97 -1.71 N | 43.16 1.18 -0.02 N | 46.43 1.65 -0.04 N | 62.16 2.45 0.00 N | 63.79 2.61 -0.09 N | 32.81 1.46 0.00 N | -73.51 -2.20 0.00 N | 90.47 3.28 0.00 N | 49.32 0.22 0.00 N | 35.01 0.58 0.00 N | 37.76 0.68 0.00 N | 34.94 0.90 0.00 N | 35.58 0.96 0.00 N | 32.27 0.72 -0.20 N | 28.70 0.86 -0.59 N | 32.26 0.95 0.00 N | | |
| HICKLING___2 23622 | 40.53 0.84 -0.95 N | 17.44 0.14 -8.13 N | 36.18 0.43 -0.34 N | 32.04 0.50 0.00 N | 35.31 0.78 -0.57 N | 34.33 0.62 -2.45 N | 38.49 0.85 -1.89 N | 45.83 0.78 -17.82 N | 46.70 0.97 -1.71 N | 43.16 1.18 -0.02 N | 46.43 1.65 -0.04 N | 62.16 2.45 0.00 N | 63.79 2.61 -0.09 N | 32.81 1.46 0.00 N | -73.51 -2.20 0.00 N | 90.47 3.28 0.00 N | 49.32 0.22 0.00 N | 35.01 0.58 0.00 N | 37.76 0.68 0.00 N | 34.94 0.90 0.00 N | 35.58 0.96 0.00 N | 32.27 0.72 -0.20 N | 28.70 0.86 -0.59 N | 32.26 0.95 0.00 N | | |
| HIGH FALLS___HY 23754 | 49.51 6.66 -4.11 N | 46.01 1.54 -35.29 N | 42.83 5.94 -1.49 N | 36.75 5.22 0.00 N | 42.10 5.68 -2.45 N | 47.28 5.38 -10.63 N | 50.46 6.51 -8.20 N | 109.58 5.01 -77.32 N | 59.13 7.69 -7.43 N | 49.67 7.62 -0.10 N | 53.08 8.19 -0.15 N | 70.60 10.89 0.00 N | 72.41 10.93 -0.40 N | 165.78 5.41 -129.02 N | 173.09 -11.50 -255.90 N | 188.56 13.81 -87.56 N | 55.88 6.78 0.00 N | 39.23 4.80 0.00 N | 42.69 5.61 0.00 N | 39.31 5.27 0.00 N | 40.18 5.56 0.00 N | 37.34 5.07 -0.92 N | 34.43 4.47 -2.71 N | 36.46 5.16 0.00 N | | |
| HILLBURN___GT 23639 | 47.14 4.34 -4.04 N | 44.93 1.04 -34.72 N | 40.80 3.94 -1.47 N | 34.94 3.40 0.00 N | 40.06 3.68 -2.41 N | 45.15 3.42 -10.46 N | 48.02 4.20 -8.06 N | 106.46 3.14 -76.07 N | 56.27 4.94 -7.31 N | 46.79 4.74 -0.09 N | 49.93 5.04 -0.15 N | 66.37 6.65 0.00 N | 68.29 6.82 -0.39 N | 189.55 3.24 -154.96 N | 229.54 -6.49 -307.34 N | 200.49 8.17 -105.13 N | 53.07 3.97 0.00 N | 37.08 2.65 0.00 N | 40.00 2.92 0.00 N | 36.97 2.94 0.00 N | 37.85 3.23 0.00 N | 35.34 3.09 -0.90 N | 32.79 2.88 -2.67 N | 34.50 3.19 0.00 N | | |
| HISHELDN_WT_PWR 323625 | 36.64 -2.79 -0.68 N | 14.37 -0.66 -5.86 N | 33.01 -2.64 -0.25 N | 29.20 -2.34 0.00 N | 32.13 -2.25 -0.41 N | 30.81 -2.23 -1.77 N | 34.27 -2.85 -1.36 N | 38.08 -2.00 -12.84 N | 41.47 -3.77 -1.24 N | 38.65 -3.32 -0.02 N | 41.42 -3.34 -0.03 N | 55.14 -4.57 0.00 N | 56.67 -4.49 -0.07 N | 29.58 -1.76 0.00 N | -68.13 3.17 0.00 N | 82.80 -4.39 0.00 N | 45.68 -3.42 0.00 N | 32.52 -1.92 0.00 N | 34.74 -2.34 0.00 N | 31.88 -2.16 0.00 N | 32.40 -2.22 0.00 N | 29.46 -2.02 -0.13 N | 26.01 -1.63 -0.40 N | 29.39 -1.92 0.00 N | | |
| HOLTSVILLE_IC_1 23690 | 47.79 4.60 -4.45 N | 46.62 1.18 -36.27 N | 43.46 4.75 -3.31 N | 41.88 4.23 -6.12 N | 41.28 4.57 -2.75 N | 48.30 4.21 -12.82 N | 55.85 5.22 -14.88 N | 110.38 3.68 -79.46 N | 58.45 5.89 -8.54 N | 61.57 5.96 -13.65 N | 60.66 5.99 -9.93 N | 70.16 7.30 -3.15 N | 68.45 6.96 -0.41 N | 204.02 2.73 -169.94 N | 260.40 -5.34 -337.05 N | 209.22 6.74 -115.30 N | 53.18 4.09 0.00 N | 37.13 2.70 0.00 N | 40.48 3.40 0.00 N | 39.71 3.45 -2.22 N | 41.95 4.42 -2.90 N | 36.76 4.01 -1.40 N | 34.10 3.69 -3.16 N | 37.65 4.01 -2.34 N | | |
| HOLTSVILLE_IC_10 23699 | 48.34 5.15 -4.45 N | 46.74 1.30 -36.27 N | 43.95 5.25 -3.31 N | 42.32 4.66 -6.12 N | 41.76 5.05 -2.75 N | 48.75 4.66 -12.82 N | 56.38 5.75 -14.88 N | 110.82 4.12 -79.46 N | 59.20 6.64 -8.54 N | 62.35 6.75 -13.65 N | 61.43 6.76 -9.93 N | 71.05 8.19 -3.15 N | 69.07 7.58 -0.41 N | 204.30 3.01 -169.94 N | 259.68 -6.06 -337.05 N | 210.05 7.57 -115.30 N | 53.68 4.58 0.00 N | 37.47 3.04 0.00 N | 40.96 3.88 0.00 N | 40.22 3.96 -2.22 N | 42.56 5.03 -2.90 N | 37.28 4.53 -1.40 N | 34.55 4.14 -3.16 N | 38.12 4.47 -2.35 N | | |
| HOLTSVILLE_IC_2 | 47.79 | 46.62 | 43.46 | 41.88 | 41.28 | 48.30 | 55.85 | 110.38 | 58.45 | 61.57 | 60.66 | 70.16 | 68.45 | 204.02 | 260.40 | 209.22 | 53.18 | 37.13 | 40.48 | 39.71 | 41.95 | 36.76 | 34.10 | 37.65 | | |

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| 23691 | 4.60 -4.45 N | 1.18 -36.27 N | 4.75 -3.31 N | 4.23 -6.12 N | 4.57 -2.75 N | 4.21 -12.82 N | 5.22 -14.88 N | 3.68 -79.46 N | 5.89 -8.54 N | 5.96 -13.65 N | 5.99 -9.93 N | 7.30 -3.15 N | 6.96 -0.41 N | 2.73 -169.94 N | -5.34 -337.05 N | 6.74 -115.30 N | 4.09 0.00 N | 2.70 0.00 N | 3.40 0.00 N | 3.45 -2.22 N | 4.42 -2.90 N | 4.01 -1.40 N | 3.69 -3.16 N | 4.01 -2.34 N |
| HOLTSVILLE_IC_3 23692 | 47.79 4.60 -4.45 N | 46.62 1.18 -36.27 N | 43.46 4.75 -3.31 N | 41.88 4.23 -6.12 N | 41.28 4.57 -2.75 N | 48.30 4.21 -12.82 N | 55.85 5.22 -14.88 N | 110.38 3.68 -79.46 N | 58.45 5.89 -8.54 N | 61.57 5.96 -13.65 N | 60.66 5.99 -9.93 N | 70.16 7.30 -3.15 N | 68.45 6.96 -0.41 N | 204.02 2.73 -169.94 N | 260.40 -5.34 -337.05 N | 209.22 6.74 -115.30 N | 53.18 4.09 0.00 N | 37.13 2.70 0.00 N | 40.48 3.40 0.00 N | 39.71 3.45 -2.22 N | 41.95 4.42 -2.90 N | 36.76 4.01 -1.40 N | 34.10 3.69 -3.16 N | 37.65 4.01 -2.34 N |
| HOLTSVILLE_IC_4 23693 | 47.79 4.60 -4.45 N | 46.62 1.18 -36.27 N | 43.46 4.75 -3.31 N | 41.88 4.23 -6.12 N | 41.28 4.57 -2.75 N | 48.30 4.21 -12.82 N | 55.85 5.22 -14.88 N | 110.38 3.68 -79.46 N | 58.45 5.89 -8.54 N | 61.57 5.96 -13.65 N | 60.66 5.99 -9.93 N | 70.16 7.30 -3.15 N | 68.45 6.96 -0.41 N | 204.02 2.73 -169.94 N | 260.40 -5.34 -337.05 N | 209.22 6.74 -115.30 N | 53.18 4.09 0.00 N | 37.13 2.70 0.00 N | 40.48 3.40 0.00 N | 39.71 3.45 -2.22 N | 41.95 4.42 -2.90 N | 36.76 4.01 -1.40 N | 34.10 3.69 -3.16 N | 37.65 4.01 -2.34 N |
| HOLTSVILLE_IC_5 23694 | 47.79 4.60 -4.45 N | 46.62 1.18 -36.27 N | 43.46 4.75 -3.31 N | 41.88 4.23 -6.12 N | 41.28 4.57 -2.75 N | 48.30 4.21 -12.82 N | 55.85 5.22 -14.88 N | 110.38 3.68 -79.46 N | 58.45 5.89 -8.54 N | 61.57 5.96 -13.65 N | 60.66 5.99 -9.93 N | 70.16 7.30 -3.15 N | 68.45 6.96 -0.41 N | 204.02 2.73 -169.94 N | 260.40 -5.34 -337.05 N | 209.22 6.74 -115.30 N | 53.18 4.09 0.00 N | 37.13 2.70 0.00 N | 40.48 3.40 0.00 N | 39.71 3.45 -2.22 N | 41.95 4.42 -2.90 N | 36.76 4.01 -1.40 N | 34.10 3.69 -3.16 N | 37.65 4.01 -2.34 N |
| HOLTSVILLE_IC_6 23695 | 48.34 5.15 -4.45 N | 46.74 1.30 -36.27 N | 43.95 5.25 -3.31 N | 42.32 4.66 -6.12 N | 41.76 5.05 -2.75 N | 48.75 4.66 -12.82 N | 56.38 5.75 -14.88 N | 110.82 4.12 -79.46 N | 59.20 6.64 -8.54 N | 62.35 6.75 -13.65 N | 61.43 6.76 -9.93 N | 71.05 8.19 -3.15 N | 69.07 7.58 -0.41 N | 204.30 3.01 -169.94 N | 259.68 -6.06 -337.05 N | 210.05 7.57 -115.30 N | 53.68 4.58 0.00 N | 37.47 3.04 0.00 N | 40.96 3.88 0.00 N | 40.22 3.96 -2.22 N | 42.56 5.03 -2.90 N | 37.28 4.53 -1.40 N | 34.55 4.14 -3.16 N | 38.12 4.47 -2.35 N |
| HOLTSVILLE_IC_7 23696 | 48.34 5.15 -4.45 N | 46.74 1.30 -36.27 N | 43.95 5.25 -3.31 N | 42.32 4.66 -6.12 N | 41.76 5.05 -2.75 N | 48.75 4.66 -12.82 N | 56.38 5.75 -14.88 N | 110.82 4.12 -79.46 N | 59.20 6.64 -8.54 N | 62.35 6.75 -13.65 N | 61.43 6.76 -9.93 N | 71.05 8.19 -3.15 N | 69.07 7.58 -0.41 N | 204.30 3.01 -169.94 N | 259.68 -6.06 -337.05 N | 210.05 7.57 -115.30 N | 53.68 4.58 0.00 N | 37.47 3.04 0.00 N | 40.96 3.88 0.00 N | 40.22 3.96 -2.22 N | 42.56 5.03 -2.90 N | 37.28 4.53 -1.40 N | 34.55 4.14 -3.16 N | 38.12 4.47 -2.35 N |
| HOLTSVILLE_IC_8 23697 | 48.34 5.15 -4.45 N | 46.74 1.30 -36.27 N | 43.95 5.25 -3.31 N | 42.32 4.66 -6.12 N | 41.76 5.05 -2.75 N | 48.75 4.66 -12.82 N | 56.38 5.75 -14.88 N | 110.82 4.12 -79.46 N | 59.20 6.64 -8.54 N | 62.35 6.75 -13.65 N | 61.43 6.76 -9.93 N | 71.05 8.19 -3.15 N | 69.07 7.58 -0.41 N | 204.30 3.01 -169.94 N | 259.68 -6.06 -337.05 N | 210.05 7.57 -115.30 N | 53.68 4.58 0.00 N | 37.47 3.04 0.00 N | 40.96 3.88 0.00 N | 40.22 3.96 -2.22 N | 42.56 5.03 -2.90 N | 37.28 4.53 -1.40 N | 34.55 4.14 -3.16 N | 38.12 4.47 -2.35 N |
| HOLTSVILLE_IC_9 23698 | 48.34 5.15 -4.45 N | 46.74 1.30 -36.27 N | 43.95 5.25 -3.31 N | 42.32 4.66 -6.12 N | 41.76 5.05 -2.75 N | 48.75 4.66 -12.82 N | 56.38 5.75 -14.88 N | 110.82 4.12 -79.46 N | 59.20 6.64 -8.54 N | 62.35 6.75 -13.65 N | 61.43 6.76 -9.93 N | 71.05 8.19 -3.15 N | 69.07 7.58 -0.41 N | 204.30 3.01 -169.94 N | 259.68 -6.06 -337.05 N | 210.05 7.57 -115.30 N | 53.68 4.58 0.00 N | 37.47 3.04 0.00 N | 40.96 3.88 0.00 N | 40.22 3.96 -2.22 N | 42.56 5.03 -2.90 N | 37.28 4.53 -1.40 N | 34.55 4.14 -3.16 N | 38.12 4.47 -2.35 N |
| HQ_GEN_CEDARS 23644 | 37.08 -1.67 0.00 N | 8.79 -0.38 0.00 N | 34.58 -0.82 0.00 N | 30.85 -0.68 0.00 N | 33.27 -0.70 0.00 N | 30.24 -1.04 0.00 N | 34.32 -1.43 0.00 N | 26.06 -1.18 0.00 N | 42.24 -1.78 0.00 N | 40.18 -1.77 0.00 N | 42.56 -2.18 0.00 N | 56.83 -2.89 0.00 N | 58.12 -2.97 0.00 N | 29.90 -1.45 0.00 N | -69.94 1.37 0.00 N | 85.09 -2.10 0.00 N | 48.36 -0.74 0.00 N | 33.91 -0.52 0.00 N | 36.27 -0.81 0.00 N | 33.13 -0.91 0.00 N | 33.58 -1.05 0.00 N | 29.70 -1.64 0.00 N | 25.82 -1.43 0.00 N | 30.57 -0.74 0.00 N |
| HQ_GEN_CEDARS_PROXY 323590 | 31.84 -2.08 8.73 N | 8.79 -0.38 0.00 N | 34.58 -0.82 0.00 N | 30.85 -0.68 0.00 N | 33.27 -0.70 0.00 N | 30.24 -1.04 0.00 N | 34.32 -1.43 0.00 N | 26.06 -1.18 0.00 N | 42.24 -1.78 0.00 N | 30.20 -1.35 1.72 N | 42.56 -2.18 0.00 N | 56.83 -2.89 0.00 N | 58.12 -2.97 0.00 N | 29.90 -1.45 0.00 N | 44.72 -2.34 0.02 N | 85.09 -2.10 0.00 N | 48.36 -0.74 0.00 N | 33.91 -0.52 0.00 N | 36.27 -0.81 0.00 N | 41.77 -0.81 -4.54 N | 34.38 -0.94 -1.57 N | 29.70 -1.64 0.00 N | 25.82 -1.43 0.00 N | 30.57 -0.74 0.00 N |
| HQ_GEN_IMPORT 323601 | 27.00 -1.20 14.45 N | 27.00 -0.92 5.52 N | 27.00 -0.67 1.09 N | 30.79 -0.75 0.00 N | 27.00 -0.73 1.39 N | 27.00 -0.84 2.27 N | 27.00 -0.80 2.54 N | 20.00 -1.01 14.76 N | 20.00 -1.03 15.38 N | 20.00 -1.00 12.27 N | 20.00 -1.40 25.77 N | 20.00 -2.03 43.06 N | 20.00 -2.08 39.69 N | 27.00 -1.87 27.82 N | 45.53 -1.52 0.02 N | 84.80 -2.38 0.00 N | 29.00 -1.23 8.37 N | 33.68 -0.75 0.00 N | 31.00 -0.94 6.98 N | 41.67 -0.91 -4.54 N | 20.00 -0.95 12.81 N | 20.00 -1.05 12.06 N | 20.00 -0.94 9.54 N | 27.00 -0.73 0.30 N |
| HQ_GEN_WHEEL 23651 | 27.00 -1.20 14.45 N | 8.93 -0.24 0.00 N | 34.54 -0.86 0.00 N | 30.79 -0.75 0.00 N | 33.18 -0.78 0.00 N | 30.50 -0.78 0.00 N | 34.80 -0.95 0.00 N | 26.41 -0.83 0.00 N | 42.72 -1.29 0.00 N | 30.55 -1.00 1.72 N | 43.29 -1.45 0.00 N | 57.76 -1.96 0.00 N | 59.08 -2.01 0.00 N | 30.36 -0.99 0.00 N | 45.53 -1.52 0.02 N | 84.80 -2.38 0.00 N | 48.01 -1.08 0.00 N | 33.68 -0.75 0.00 N | 36.17 -0.91 0.00 N | 41.67 -0.91 -4.54 N | 34.38 -0.95 -1.57 N | 30.35 -1.00 0.00 N | 26.34 -0.91 0.00 N | 30.48 -0.83 0.00 N |
| HUDSON_AVE_GT_3 23810 | 47.51 4.54 -4.22 N | 46.51 1.09 -36.26 N | 41.08 4.15 -1.53 N | 35.12 3.58 0.00 N | 40.37 3.88 -2.52 N | 45.85 3.67 -10.92 N | 48.68 4.51 -8.42 N | 110.05 3.37 -79.44 N | 56.96 5.31 -7.63 N | 47.22 5.17 -0.10 N | 50.40 5.50 -0.16 N | 66.84 7.13 0.00 N | 68.61 7.12 -0.41 N | 204.49 3.25 -169.89 N | 259.14 -6.50 -336.94 N | 210.68 8.23 -115.26 N | 53.28 4.18 0.00 N | 37.21 2.79 0.00 N | 40.20 3.12 0.00 N | 37.21 3.17 0.00 N | 38.04 3.41 0.00 N | 35.57 3.28 -0.94 N | 33.10 3.06 -2.78 N | 34.71 3.41 0.00 N |
| HUDSON_AVE_GT_4 23540 | 47.51 4.54 -4.22 N | 46.51 1.09 -36.26 N | 41.08 4.15 -1.53 N | 35.12 3.58 0.00 N | 40.37 3.88 -2.52 N | 45.85 3.67 -10.92 N | 48.68 4.51 -8.42 N | 110.05 3.37 -79.44 N | 56.96 5.31 -7.63 N | 47.22 5.17 -0.10 N | 50.40 5.50 -0.16 N | 66.84 7.13 0.00 N | 68.61 7.12 -0.41 N | 204.49 3.25 -169.89 N | 259.14 -6.50 -336.94 N | 210.68 8.23 -115.26 N | 53.28 4.18 0.00 N | 37.21 2.79 0.00 N | 40.20 3.12 0.00 N | 37.21 3.17 0.00 N | 38.04 3.41 0.00 N | 35.57 3.28 -0.94 N | 33.10 3.06 -2.78 N | 34.71 3.41 0.00 N |

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|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|---------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| HUDSON_AVE_GT_5 23657 | 47.51 4.54 -4.22 N | 46.51 1.09 -36.26 N | 41.08 4.15 -1.53 N | 35.12 3.58 0.00 N | 40.37 3.88 -2.52 N | 45.85 3.67 -10.92 N | 48.68 4.51 -8.42 N | 110.05 3.37 -79.44 N | 56.96 5.31 -7.63 N | 47.22 5.17 -0.10 N | 50.40 5.50 -0.16 N | 66.84 7.13 0.00 N | 68.61 7.12 -0.41 N | 204.49 3.25 -169.89 N | 259.14 -6.50 -336.94 N | 210.68 8.23 -115.26 N | 53.28 4.18 0.00 N | 37.21 2.79 0.00 N | 40.20 3.12 0.00 N | 37.21 3.17 0.00 N | 38.04 3.41 0.00 N | 35.57 3.28 -0.94 N | 33.10 3.06 -2.78 N | 34.71 3.41 0.00 N |
| HUDSON_AVE_10 24168 | 47.36 4.40 -4.22 N | 46.48 1.05 -36.26 N | 40.93 4.00 -1.53 N | 35.00 3.47 0.00 N | 40.23 3.74 -2.52 N | 45.72 3.53 -10.92 N | 48.54 4.37 -8.42 N | 109.95 3.27 -79.44 N | 56.82 5.17 -7.63 N | 47.08 5.03 -0.10 N | 50.22 5.32 -0.16 N | 66.61 6.90 0.00 N | 68.36 6.87 -0.41 N | 204.36 3.12 -169.89 N | 259.48 -6.15 -336.94 N | 210.18 7.74 -115.26 N | 53.09 3.99 0.00 N | 37.06 2.63 0.00 N | 40.03 2.94 0.00 N | 37.02 2.98 0.00 N | 37.88 3.26 0.00 N | 35.44 3.16 -0.94 N | 33.02 2.99 -2.78 N | 34.62 3.32 0.00 N |
| HUNTER MOUNT___DRP 323613 | 47.06 3.68 -4.64 N | 49.83 0.86 -39.80 N | 40.32 3.25 -1.68 N | 34.35 2.81 0.00 N | 39.74 3.00 -2.77 N | 46.13 2.87 -11.99 N | 48.46 3.46 -9.24 N | 117.24 2.81 -87.19 N | 57.17 4.77 -8.38 N | 46.71 4.65 -0.11 N | 49.99 5.08 -0.17 N | 66.62 6.91 0.00 N | 68.67 7.14 -0.45 N | 140.61 3.53 -105.73 N | 131.15 -7.25 -209.71 N | 167.33 8.41 -71.73 N | 53.15 4.05 0.00 N | 37.22 2.79 0.00 N | 40.26 3.18 0.00 N | 37.16 3.12 0.00 N | 37.94 3.31 0.00 N | 35.45 3.07 -1.04 N | 32.98 2.67 -3.06 N | 34.05 2.74 0.00 N |
| HUNTLEY___63 23557 | 36.63 -2.72 -0.61 N | 13.73 -0.66 -5.22 N | 32.98 -2.63 -0.22 N | 29.19 -2.35 0.00 N | 32.04 -2.29 -0.36 N | 30.52 -2.32 -1.57 N | 33.88 -3.09 -1.21 N | 36.49 -2.19 -11.44 N | 41.00 -4.11 -1.10 N | 38.38 -3.59 -0.01 N | 41.08 -3.68 -0.02 N | 54.60 -5.11 0.00 N | 56.08 -5.07 -0.06 N | 29.47 -1.88 0.00 N | -68.25 3.05 0.00 N | 82.93 -4.26 0.00 N | 45.84 -3.26 0.00 N | 32.63 -1.80 0.00 N | 34.74 -2.34 0.00 N | 31.81 -2.23 0.00 N | 32.24 -2.38 0.00 N | 29.27 -2.19 -0.12 N | 25.77 -1.83 -0.35 N | 29.14 -2.16 0.00 N |
| HUNTLEY___64 23558 | 36.63 -2.72 -0.61 N | 13.73 -0.66 -5.22 N | 32.98 -2.63 -0.22 N | 29.19 -2.35 0.00 N | 32.04 -2.29 -0.36 N | 30.52 -2.32 -1.57 N | 33.88 -3.09 -1.21 N | 36.49 -2.19 -11.44 N | 41.00 -4.11 -1.10 N | 38.38 -3.59 -0.01 N | 41.08 -3.68 -0.02 N | 54.60 -5.11 0.00 N | 56.08 -5.07 -0.06 N | 29.47 -1.88 0.00 N | -68.25 3.05 0.00 N | 82.93 -4.26 0.00 N | 45.84 -3.26 0.00 N | 32.63 -1.80 0.00 N | 34.74 -2.34 0.00 N | 31.81 -2.23 0.00 N | 32.24 -2.38 0.00 N | 29.27 -2.19 -0.12 N | 25.77 -1.83 -0.35 N | 29.14 -2.16 0.00 N |
| HUNTLEY___65 23559 | 36.63 -2.72 -0.61 N | 13.73 -0.66 -5.22 N | 32.98 -2.63 -0.22 N | 29.19 -2.35 0.00 N | 32.04 -2.29 -0.36 N | 30.52 -2.32 -1.57 N | 33.88 -3.09 -1.21 N | 36.49 -2.19 -11.44 N | 41.00 -4.11 -1.10 N | 38.38 -3.59 -0.01 N | 41.08 -3.68 -0.02 N | 54.60 -5.11 0.00 N | 56.08 -5.07 -0.06 N | 29.47 -1.88 0.00 N | -68.25 3.05 0.00 N | 82.93 -4.26 0.00 N | 45.84 -3.26 0.00 N | 32.63 -1.80 0.00 N | 34.74 -2.34 0.00 N | 31.81 -2.23 0.00 N | 32.24 -2.38 0.00 N | 29.27 -2.19 -0.12 N | 25.77 -1.83 -0.35 N | 29.14 -2.16 0.00 N |
| HUNTLEY___66 23560 | 36.63 -2.72 -0.61 N | 13.73 -0.66 -5.22 N | 32.98 -2.63 -0.22 N | 29.19 -2.35 0.00 N | 32.04 -2.29 -0.36 N | 30.52 -2.32 -1.57 N | 33.88 -3.09 -1.21 N | 36.49 -2.19 -11.44 N | 41.00 -4.11 -1.10 N | 38.38 -3.59 -0.01 N | 41.08 -3.68 -0.02 N | 54.60 -5.11 0.00 N | 56.08 -5.07 -0.06 N | 29.47 -1.88 0.00 N | -68.25 3.05 0.00 N | 82.93 -4.26 0.00 N | 45.84 -3.26 0.00 N | 32.63 -1.80 0.00 N | 34.74 -2.34 0.00 N | 31.81 -2.23 0.00 N | 32.24 -2.38 0.00 N | 29.27 -2.19 -0.12 N | 25.77 -1.83 -0.35 N | 29.14 -2.16 0.00 N |
| HUNTLEY___67 23561 | 36.04 -3.33 -0.63 N | 13.76 -0.79 -5.38 N | 32.48 -3.14 -0.23 N | 28.74 -2.79 0.00 N | 31.56 -2.78 -0.37 N | 30.11 -2.78 -1.62 N | 33.38 -3.63 -1.25 N | 36.39 -2.63 -11.78 N | 40.32 -4.83 -1.13 N | 37.65 -4.32 -0.02 N | 40.28 -4.48 -0.02 N | 53.52 -6.19 0.00 N | 54.93 -6.21 -0.06 N | 28.83 -2.52 0.00 N | -66.76 4.55 0.00 N | 81.09 -6.10 0.00 N | 44.82 -4.27 0.00 N | 31.94 -2.49 0.00 N | 34.04 -3.03 0.00 N | 31.20 -2.84 0.00 N | 31.63 -3.00 0.00 N | 28.74 -2.73 -0.12 N | 25.34 -2.27 -0.35 N | 28.68 -2.63 0.00 N |
| HUNTLEY___68 23562 | 36.04 -3.33 -0.63 N | 13.76 -0.79 -5.38 N | 32.48 -3.14 -0.23 N | 28.74 -2.79 0.00 N | 31.56 -2.78 -0.37 N | 30.11 -2.78 -1.62 N | 33.38 -3.63 -1.25 N | 36.39 -2.63 -11.78 N | 40.32 -4.83 -1.13 N | 37.65 -4.32 -0.02 N | 40.28 -4.48 -0.02 N | 53.52 -6.19 0.00 N | 54.93 -6.21 -0.06 N | 28.83 -2.52 0.00 N | -66.76 4.55 0.00 N | 81.09 -6.10 0.00 N | 44.82 -4.27 0.00 N | 31.94 -2.49 0.00 N | 34.04 -3.03 0.00 N | 31.20 -2.84 0.00 N | 31.63 -3.00 0.00 N | 28.74 -2.73 -0.12 N | 25.34 -2.27 -0.35 N | 28.68 -2.63 0.00 N |
| HYLAND___LFGE 323620 | 39.56 0.15 -0.66 N | 14.83 0.00 -5.65 N | 35.35 -0.29 -0.24 N | 31.23 -0.30 0.00 N | 34.24 -0.12 -0.39 N | 32.83 -0.14 -1.70 N | 36.94 -0.13 -1.31 N | 39.83 0.20 -12.38 N | 45.32 0.11 -1.19 N | 42.44 0.47 -0.02 N | 45.53 0.77 -0.02 N | 60.72 1.01 0.00 N | 62.30 1.15 -0.06 N | 32.36 1.01 0.00 N | -74.10 -2.79 0.00 N | 90.32 3.13 0.79 N | 49.90 0.79 0.00 N | 35.35 0.92 0.00 N | 37.81 0.73 0.00 N | 34.64 0.60 0.00 N | 35.25 0.62 0.00 N | 31.96 0.48 -0.13 N | 28.05 0.40 -0.40 N | 31.54 0.23 0.00 N |
| INDECK___CORINTH 23802 | 46.98 2.70 -5.54 N | 57.37 0.64 -47.56 N | 39.80 2.40 -2.01 N | 33.47 1.93 0.00 N | 39.29 2.02 -3.31 N | 47.68 2.09 -14.32 N | 49.21 2.42 -11.04 N | 133.29 1.85 -104.21 N | 57.32 3.29 -10.01 N | 45.10 3.02 -0.13 N | 48.00 3.06 -0.21 N | 64.30 4.59 0.00 N | 66.68 5.06 -0.53 N | 47.54 2.21 -13.98 N | -47.29 -3.70 -27.72 N | 101.04 4.37 -9.48 N | 51.50 2.40 0.00 N | 36.35 1.92 0.00 N | 39.83 2.76 0.00 N | 36.66 2.62 0.00 N | 37.41 2.78 0.00 N | 35.17 2.59 -1.24 N | 32.99 2.09 -3.65 N | 33.24 1.93 0.00 N |
| INDECK___ILION 23567 | 39.96 1.32 0.11 N | 8.55 0.31 0.93 N | 36.48 1.12 0.04 N | 32.55 1.01 0.00 N | 34.98 1.08 0.06 N | 32.14 1.15 0.28 N | 36.79 1.25 0.22 N | 26.26 1.06 2.04 N | 45.58 1.76 0.19 N | 43.63 1.68 0.00 N | 46.56 1.82 0.00 N | 62.17 2.46 0.00 N | 63.62 2.54 0.01 N | 32.54 1.19 0.00 N | -73.84 -2.54 0.00 N | 89.95 2.76 0.00 N | 50.48 1.38 0.00 N | 35.40 0.97 0.00 N | 38.29 1.22 0.00 N | 35.27 1.23 0.00 N | 35.92 1.30 0.00 N | 32.52 1.19 0.02 N | 28.20 1.02 0.07 N | 32.30 0.99 0.00 N |
| INDECK___OLEAN 23982 | 38.44 -1.02 -0.72 N | 15.08 -0.23 -6.14 N | 34.59 -1.07 -0.26 N | 30.59 -0.95 0.00 N | 33.51 -0.89 -0.43 N | 31.39 -1.73 -1.85 N | 34.99 -2.19 -1.43 N | 39.42 -1.28 -13.46 N | 42.92 -2.38 -1.29 N | 40.01 -1.96 -0.02 N | 43.09 -1.68 -0.03 N | 57.55 -2.17 0.00 N | 58.98 -2.17 -0.07 N | 30.56 -0.79 0.00 N | -69.50 1.81 0.00 N | 85.48 -1.70 0.00 N | 47.03 -2.06 0.00 N | 33.45 -0.98 0.00 N | 35.58 -1.50 0.00 N | 32.64 -1.40 0.00 N | 33.44 -1.19 0.00 N | 31.68 0.20 -0.13 N | 27.76 0.14 -0.37 N | 31.19 -0.11 0.00 N |
| INDECK___OSWEGO 23783 | 38.46 -0.59 -0.30 N | 11.64 -0.14 -2.62 N | 34.90 -0.61 -0.11 N | 30.97 -0.56 0.00 N | 33.55 -0.60 -0.18 N | 31.52 -0.54 -0.79 N | 35.78 -0.58 -0.61 N | 32.62 -0.35 -5.73 N | 43.97 -0.60 -0.55 N | 41.49 -0.47 -0.01 N | 44.30 -0.45 -0.01 N | 59.15 -0.56 0.00 N | 60.54 -0.58 -0.03 N | 31.13 -0.22 0.00 N | -70.78 0.53 0.00 N | 86.73 -0.46 0.00 N | 48.76 -0.34 0.00 N | 34.23 -0.20 0.00 N | 36.84 -0.24 0.00 N | 33.80 -0.23 0.00 N | 34.38 -0.25 0.00 N | 31.20 -0.21 -0.07 N | 27.24 -0.21 -0.19 N | 30.97 -0.34 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 |
|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|---------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|---|
| INDECK___YERKES 23781 | 36.63 -2.72 -0.61 N | 13.73 -0.66 -5.22 N | 32.98 -2.63 -0.22 N | 29.19 -2.35 0.00 N | 32.04 -2.29 -0.36 N | 30.52 -2.32 -1.57 N | 33.88 -3.09 -1.21 N | 36.49 -2.19 -11.44 N | 41.00 -4.11 -7.57 N | 38.38 -3.59 -0.01 N | 41.08 -3.68 -0.02 N | 54.60 -5.11 0.00 N | 56.08 -5.07 -0.06 N | 29.47 -1.88 0.00 N | -68.25 3.05 0.00 N | 82.93 -4.26 0.00 N | 45.84 -3.26 0.00 N | 32.63 -1.80 0.00 N | 34.74 -2.34 0.00 N | 31.81 -2.23 0.00 N | 32.24 -2.38 0.00 N | 29.27 -2.19 -0.12 N | 25.77 -1.83 -0.35 N | 29.14 -2.16 0.00 N | |
| INDIAN POINT_GT_1 24139 | 46.90 3.96 -4.19 N | 46.09 0.95 -35.96 N | 40.54 3.62 -1.52 N | 34.67 3.13 0.00 N | 39.85 3.38 -2.50 N | 45.27 3.17 -10.83 N | 47.99 3.89 -8.35 N | 108.95 2.91 -78.80 N | 56.18 4.59 -7.57 N | 46.47 4.42 -0.10 N | 49.59 4.70 -0.16 N | 65.86 6.14 0.00 N | 67.71 6.23 -0.40 N | 201.60 2.89 -167.36 N | 254.91 -5.71 -331.92 N | 207.90 7.16 -113.54 N | 52.66 3.56 0.00 N | 36.79 2.36 0.00 N | 39.74 2.66 0.00 N | 36.74 2.70 0.00 N | 37.58 2.96 0.00 N | 35.14 2.86 -0.94 N | 32.68 2.68 -2.76 N | 34.25 2.95 0.00 N | |
| INDIAN POINT_GT_2 23659 | 46.90 3.96 -4.19 N | 46.09 0.95 -35.96 N | 40.54 3.62 -1.52 N | 34.67 3.13 0.00 N | 39.85 3.38 -2.50 N | 45.27 3.17 -10.83 N | 47.99 3.89 -8.35 N | 108.95 2.91 -78.80 N | 56.18 4.59 -7.57 N | 46.47 4.42 -0.10 N | 49.59 4.70 -0.16 N | 65.86 6.14 0.00 N | 67.71 6.23 -0.40 N | 201.60 2.89 -167.36 N | 254.91 -5.71 -331.92 N | 207.90 7.16 -113.54 N | 52.66 3.56 0.00 N | 36.79 2.36 0.00 N | 39.74 2.66 0.00 N | 36.74 2.70 0.00 N | 37.58 2.96 0.00 N | 35.14 2.86 -0.94 N | 32.68 2.68 -2.76 N | 34.25 2.95 0.00 N | |
| INDIAN POINT_GT_3 24019 | 46.90 3.96 -4.19 N | 46.09 0.95 -35.96 N | 40.54 3.62 -1.52 N | 34.67 3.13 0.00 N | 39.85 3.38 -2.50 N | 45.27 3.17 -10.83 N | 47.99 3.89 -8.35 N | 108.95 2.91 -78.80 N | 56.18 4.59 -7.57 N | 46.47 4.42 -0.10 N | 49.59 4.70 -0.16 N | 65.86 6.14 0.00 N | 67.71 6.23 -0.40 N | 201.60 2.89 -167.36 N | 254.91 -5.71 -331.92 N | 207.90 7.16 -113.54 N | 52.66 3.56 0.00 N | 36.79 2.36 0.00 N | 39.74 2.66 0.00 N | 36.74 2.70 0.00 N | 37.58 2.96 0.00 N | 35.14 2.86 -0.94 N | 32.68 2.68 -2.76 N | 34.25 2.95 0.00 N | |
| INDIAN POINT___2 23530 | 46.78 3.89 -4.14 N | 45.68 0.94 -35.58 N | 40.47 3.57 -1.50 N | 34.62 3.08 0.00 N | 39.77 3.33 -2.47 N | 45.10 3.11 -10.71 N | 47.84 3.83 -8.26 N | 108.04 2.86 -77.95 N | 55.98 4.48 -7.49 N | 46.35 4.30 -0.10 N | 49.46 4.56 -0.15 N | 65.68 5.96 0.00 N | 67.53 6.04 -0.40 N | 197.61 2.81 -163.46 N | 247.39 -5.50 -324.19 N | 205.04 6.95 -110.90 N | 52.51 3.41 0.00 N | 36.70 2.27 0.00 N | 39.63 2.55 0.00 N | 36.63 2.60 0.00 N | 37.49 2.87 0.00 N | 35.05 2.78 -0.93 N | 32.59 2.60 -2.73 N | 34.19 2.88 0.00 N | |
| INDIAN POINT___3 23531 | 46.75 3.81 -4.19 N | 46.07 0.92 -35.98 N | 40.42 3.50 -1.52 N | 34.56 3.02 0.00 N | 39.73 3.26 -2.50 N | 45.16 3.06 -10.84 N | 47.85 3.74 -8.36 N | 108.87 2.80 -78.83 N | 55.98 4.39 -7.58 N | 46.28 4.23 -0.10 N | 49.38 4.48 -0.16 N | 65.57 5.86 0.00 N | 67.43 5.94 -0.40 N | 201.65 2.75 -167.55 N | 255.65 -5.34 -332.30 N | 207.65 6.79 -113.67 N | 52.45 3.35 0.00 N | 36.65 2.22 0.00 N | 39.58 2.50 0.00 N | 36.59 2.55 0.00 N | 37.44 2.82 0.00 N | 35.01 2.73 -0.94 N | 32.58 2.57 -2.76 N | 34.13 2.83 0.00 N | |
| IP CORINTH___1 23988 | 47.34 3.05 -5.54 N | 57.45 0.72 -47.56 N | 40.12 2.71 -2.01 N | 33.74 2.20 0.00 N | 39.59 2.31 -3.31 N | 47.96 2.37 -14.32 N | 49.54 2.74 -11.04 N | 133.54 2.09 -104.21 N | 57.48 3.45 -10.01 N | 45.24 3.15 -0.13 N | 48.08 3.14 -0.21 N | 64.41 4.69 0.00 N | 66.78 5.16 -0.53 N | 47.60 2.28 -13.98 N | -47.43 -3.84 -27.72 N | 101.27 4.60 -9.48 N | 51.61 2.51 0.00 N | 36.43 2.00 0.00 N | 40.08 3.00 0.00 N | 36.95 2.91 0.00 N | 37.76 3.13 0.00 N | 35.49 2.91 -1.24 N | 33.27 2.37 -3.65 N | 33.55 2.25 0.00 N | |
| IP___TICONDEROGA 23804 | 49.30 5.20 -5.35 N | 56.36 1.27 -45.92 N | 42.22 4.89 -1.94 N | 35.60 4.06 0.00 N | 41.44 4.28 -3.19 N | 49.38 4.28 -13.83 N | 51.16 4.75 -10.66 N | 131.80 3.95 -100.62 N | 60.09 6.41 -9.67 N | 47.85 5.77 -0.12 N | 51.18 6.24 -0.20 N | 68.67 8.95 0.00 N | 71.33 9.73 -0.52 N | 63.22 4.35 -27.51 N | -25.02 -8.28 -54.57 N | 114.22 8.36 -18.67 N | 53.68 4.58 0.00 N | 37.55 3.12 0.00 N | 41.49 4.41 0.00 N | 38.42 4.38 0.00 N | 39.55 4.93 0.00 N | 37.23 4.69 -1.19 N | 34.67 3.90 -3.52 N | 35.16 3.85 0.00 N | |
| JARVIS____ 23743 | 38.94 0.31 0.11 N | 8.32 0.07 0.93 N | 35.64 0.28 0.04 N | 31.79 0.25 0.00 N | 34.17 0.27 0.06 N | 31.26 0.27 0.28 N | 35.86 0.33 0.22 N | 25.49 0.29 2.04 N | 44.30 0.48 0.19 N | 42.41 0.46 0.00 N | 45.23 0.49 0.00 N | 60.37 0.66 0.00 N | 61.75 0.67 0.01 N | 31.68 0.33 0.00 N | -71.94 -0.63 0.00 N | 88.03 0.85 0.00 N | 49.50 0.40 0.00 N | 34.70 0.27 0.00 N | 37.42 0.34 0.00 N | 34.38 0.34 0.00 N | 34.98 0.36 0.00 N | 31.67 0.34 0.02 N | 27.48 0.29 0.07 N | 31.57 0.26 0.00 N | |
| JENNISON___1 23625 | 42.02 1.85 -1.42 N | 21.83 0.45 -12.21 N | 37.50 1.58 -0.51 N | 33.19 1.65 0.00 N | 36.67 1.86 -0.85 N | 36.70 1.75 -3.68 N | 40.82 2.23 -2.84 N | 55.88 1.89 -26.75 N | 49.63 3.04 -2.57 N | 45.03 3.40 -0.03 N | 48.20 3.40 -0.05 N | 64.36 4.65 0.00 N | 65.96 4.74 -0.14 N | 40.05 2.45 -6.25 N | -64.20 -5.29 -12.40 N | 97.90 6.47 -4.25 N | 52.18 3.08 0.00 N | 36.63 2.20 0.00 N | 39.52 2.45 0.00 N | 36.33 2.29 0.00 N | 36.97 2.34 0.00 N | 33.82 2.15 -0.32 N | 30.04 1.85 -0.94 N | 33.17 1.86 0.00 N | |
| JENNISON___2 23626 | 41.94 1.78 -1.42 N | 21.82 0.44 -12.21 N | 37.44 1.53 -0.51 N | 33.14 1.60 0.00 N | 36.62 1.81 -0.85 N | 36.65 1.70 -3.68 N | 40.75 2.16 -2.84 N | 55.82 1.83 -26.75 N | 49.54 2.95 -2.57 N | 44.93 2.94 -0.03 N | 48.09 3.30 -0.05 N | 64.23 4.52 0.00 N | 65.84 4.62 -0.14 N | 39.98 2.38 -6.25 N | -64.06 -5.16 -12.40 N | 97.73 6.29 -4.25 N | 52.08 2.98 0.00 N | 36.56 2.13 0.00 N | 39.45 2.37 0.00 N | 36.26 2.23 0.00 N | 36.90 2.27 0.00 N | 33.76 2.09 -0.32 N | 29.99 1.80 -0.94 N | 33.12 1.82 0.00 N | |
| KEDC PORT_JEFF_GT2 24210 | 48.11 4.92 -4.45 N | 46.69 1.26 -36.27 N | 43.77 5.06 -3.31 N | 42.13 4.48 -6.12 N | 41.56 4.84 -2.75 N | 48.55 4.46 -12.82 N | 56.14 5.51 -14.88 N | 110.61 3.91 -79.46 N | 58.89 6.33 -8.54 N | 62.01 6.41 -13.65 N | 60.82 6.15 -9.93 N | 70.25 7.39 -3.15 N | 68.50 7.01 -0.41 N | 204.08 2.79 -169.94 N | 259.94 -5.80 -337.05 N | 209.45 6.97 -115.30 N | 53.47 4.37 0.00 N | 37.34 2.92 0.00 N | 40.66 3.58 0.00 N | 39.85 3.59 -2.22 N | 42.15 4.63 -2.90 N | 36.94 4.19 -1.40 N | 34.38 3.96 -3.16 N | 37.92 4.27 -2.34 N | |
| KEDC PORT_JEFF_GT3 24211 | 48.11 4.92 -4.45 N | 46.69 1.26 -36.27 N | 43.77 5.06 -3.31 N | 42.13 4.48 -6.12 N | 41.56 4.84 -2.75 N | 48.55 4.46 -12.82 N | 56.14 5.51 -14.88 N | 110.61 3.91 -79.46 N | 58.89 6.33 -8.54 N | 62.01 6.41 -13.65 N | 60.82 6.15 -9.93 N | 70.25 7.39 -3.15 N | 68.50 7.01 -0.41 N | 204.08 2.79 -169.94 N | 259.94 -5.80 -337.05 N | 209.45 6.97 -115.30 N | 53.47 4.37 0.00 N | 37.34 2.92 0.00 N | 40.66 3.58 0.00 N | 39.85 3.59 -2.22 N | 42.15 4.63 -2.90 N | 36.94 4.19 -1.40 N | 34.38 3.96 -3.16 N | 37.92 4.27 -2.34 N | |
| KEDC_GLWD_GT4 | 47.80 | 46.56 | 43.08 | 41.46 | 41.14 | 47.91 | 55.22 | 110.04 | 58.02 | 60.88 | 60.02 | 69.99 | 68.56 | 204.40 | 259.78 | 210.29 | 53.14 | 37.07 | 40.02 | 39.19 | 40.89 | 36.17 | 33.64 | 37.73 | |

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| 24219 | 4.60 -4.45 N | 1.12 -36.27 N | 4.38 -3.31 N | 3.81 -6.12 N | 4.09 -3.08 N | 3.82 -12.82 N | 4.59 -14.88 N | 3.34 -79.46 N | 5.46 -8.54 N | 5.27 -13.65 N | 5.35 -9.93 N | 7.13 -3.15 N | 7.06 -0.41 N | 3.11 -169.94 N | -5.96 -337.05 N | 7.80 -115.30 N | 4.04 0.00 N | 2.64 0.00 N | 2.94 0.00 N | 2.93 -2.22 N | 3.36 -2.90 N | 3.42 -1.40 N | 3.23 -3.16 N | 3.63 -2.80 N |
| KEDC_GLWD_GT5 24220 | 47.80 4.60 -4.45 N | 46.56 1.12 -36.27 N | 43.08 4.38 -3.31 N | 41.46 3.81 -6.12 N | 41.14 4.09 -3.08 N | 47.91 3.82 -12.82 N | 55.22 4.59 -14.88 N | 110.04 3.34 -79.46 N | 58.02 5.46 -8.54 N | 60.88 5.27 -13.65 N | 60.02 5.35 -9.93 N | 69.99 7.13 -3.15 N | 68.56 7.06 -0.41 N | 204.40 3.11 -169.94 N | 259.78 -5.96 -337.05 N | 210.29 7.80 -115.30 N | 53.14 4.04 0.00 N | 37.07 2.64 0.00 N | 40.02 2.94 0.00 N | 39.19 2.93 -2.22 N | 40.89 3.36 -2.90 N | 36.17 3.42 -1.40 N | 33.64 3.23 -3.16 N | 37.73 3.63 -2.80 N |
| KENSICO____ 23655 | 47.09 4.13 -4.22 N | 46.36 0.99 -36.20 N | 40.71 3.79 -1.53 N | 34.81 3.28 0.00 N | 40.02 3.54 -2.52 N | 45.49 3.32 -10.90 N | 48.22 4.06 -8.41 N | 109.60 3.05 -79.32 N | 56.46 4.82 -7.62 N | 46.72 4.67 -0.10 N | 49.85 4.96 -0.16 N | 66.19 6.48 0.00 N | 68.03 6.54 -0.40 N | 203.88 3.03 -169.50 N | 258.87 -6.00 -336.17 N | 209.76 7.58 -115.00 N | 52.90 3.80 0.00 N | 36.96 2.53 0.00 N | 39.92 2.84 0.00 N | 36.90 2.87 0.00 N | 37.76 3.13 0.00 N | 35.31 3.02 -0.94 N | 32.84 2.81 -2.78 N | 34.41 3.10 0.00 N |
| KIAC_JFK_GT1 23816 | 47.43 4.46 -4.22 N | 46.49 1.06 -36.26 N | 40.98 4.05 -1.53 N | 35.04 3.50 0.00 N | 40.26 3.77 -2.52 N | 45.71 3.52 -10.92 N | 48.59 4.42 -8.42 N | 109.99 3.30 -79.44 N | 56.89 5.24 -7.63 N | 47.16 5.11 -0.10 N | 69.18 5.38 -19.07 N | 162.03 6.99 -95.33 N | 137.76 6.95 -69.72 N | 212.09 3.15 -177.58 N | 259.44 -6.20 -336.94 N | 209.85 7.41 -115.26 N | 54.01 4.04 -0.87 N | 37.05 2.62 0.00 N | 40.04 2.96 0.00 N | 36.97 2.93 0.00 N | 66.22 3.26 -28.33 N | 149.46 3.21 -114.90 N | 84.48 3.08 -54.16 N | 34.73 3.43 0.00 N |
| KIAC_JFK_GT2 23817 | 47.43 4.46 -4.22 N | 46.49 1.06 -36.26 N | 40.98 4.05 -1.53 N | 35.04 3.50 0.00 N | 40.26 3.77 -2.52 N | 45.71 3.52 -10.92 N | 48.59 4.42 -8.42 N | 109.99 3.30 -79.44 N | 56.89 5.24 -7.63 N | 47.16 5.11 -0.10 N | 69.18 5.38 -19.07 N | 162.03 6.99 -95.33 N | 137.76 6.95 -69.72 N | 212.09 3.15 -177.58 N | 259.44 -6.20 -336.94 N | 209.85 7.41 -115.26 N | 54.01 4.04 -0.87 N | 37.05 2.62 0.00 N | 40.04 2.96 0.00 N | 36.97 2.93 0.00 N | 66.22 3.26 -28.33 N | 149.46 3.21 -114.90 N | 84.48 3.08 -54.16 N | 34.73 3.43 0.00 N |
| KINTIGH____ 23543 | 35.76 -3.51 -0.52 N | 12.85 -0.78 -4.46 N | 32.41 -3.18 -0.19 N | 28.60 -2.94 0.00 N | 31.28 -3.00 -0.31 N | 29.69 -2.92 -1.35 N | 33.05 -3.74 -1.04 N | 34.31 -2.71 -9.78 N | 40.14 -4.81 -0.94 N | 37.64 -4.32 -0.01 N | 40.23 -4.53 -0.02 N | 53.42 -6.29 0.00 N | 54.76 -6.38 -0.05 N | 28.68 -2.67 0.00 N | -66.46 4.84 0.00 N | 80.70 -6.48 0.00 N | 44.96 -4.14 0.00 N | 31.92 -2.51 0.00 N | 34.05 -3.03 0.00 N | 31.15 -2.89 0.00 N | 31.56 -3.07 0.00 N | 28.66 -2.79 -0.10 N | 25.20 -2.35 -0.30 N | 28.52 -2.78 0.00 N |
| LEDERLE____ 23769 | 47.33 4.50 -4.08 N | 45.31 1.07 -35.07 N | 40.95 4.07 -1.48 N | 35.06 3.52 0.00 N | 40.21 3.81 -2.44 N | 45.37 3.54 -10.56 N | 48.23 4.33 -8.14 N | 107.31 3.24 -76.83 N | 56.52 5.12 -7.38 N | 46.97 4.92 -0.09 N | 50.13 5.24 -0.15 N | 66.65 6.94 0.00 N | 68.60 7.12 -0.39 N | 193.31 3.40 -158.57 N | 236.34 -6.85 -314.49 N | 203.37 8.60 -107.58 N | 53.33 4.23 0.00 N | 37.25 2.82 0.00 N | 40.18 3.10 0.00 N | 37.13 3.09 0.00 N | 38.01 3.38 0.00 N | 35.49 3.23 -0.91 N | 32.94 2.99 -2.69 N | 34.62 3.32 0.00 N |
| LINDEN COGEN____ 23786 | 47.23 4.26 -4.22 N | 46.45 1.02 -36.26 N | 40.82 3.89 -1.53 N | 34.89 3.35 0.00 N | 40.14 3.65 -2.52 N | 45.65 3.46 -10.92 N | 48.44 4.27 -8.42 N | 109.86 3.17 -79.44 N | 56.66 5.01 -7.63 N | 46.90 4.85 -0.10 N | 50.05 5.15 -0.16 N | 66.31 6.60 0.00 N | 62.79 6.51 4.81 N | 186.33 2.93 -152.05 N | 259.79 -5.85 -336.94 N | 209.92 7.48 -115.26 N | 52.89 3.79 0.00 N | 36.93 2.50 0.00 N | 39.90 2.82 0.00 N | 36.94 2.91 0.00 N | 37.76 3.14 0.00 N | 35.34 3.04 -0.94 N | 32.90 2.86 -2.78 N | 34.48 3.18 0.00 N |
| LIPA_MISC_IPP 23656 | 47.80 4.60 -4.45 N | 46.66 1.22 -36.27 N | 43.65 4.94 -3.31 N | 42.05 4.40 -6.12 N | 41.47 4.75 -2.75 N | 48.48 4.39 -12.82 N | 56.05 5.42 -14.88 N | 110.48 3.78 -79.46 N | 58.56 6.00 -8.54 N | 61.77 6.16 -13.65 N | 60.79 6.12 -9.93 N | 70.03 7.17 -3.15 N | 68.40 6.90 -0.41 N | 204.01 2.72 -169.94 N | 260.41 -5.33 -337.05 N | 209.30 6.82 -115.30 N | 53.22 4.12 0.00 N | 37.15 2.72 0.00 N | 40.43 3.35 0.00 N | 39.69 3.43 -2.22 N | 42.25 4.72 -2.90 N | 36.98 4.23 -1.40 N | 34.24 3.83 -3.16 N | 37.75 4.10 -2.34 N |
| LITTLE FALLS____HYD 24013 | 41.25 2.62 0.11 N | 8.84 0.60 0.93 N | 37.58 2.22 0.04 N | 33.53 2.00 0.00 N | 36.02 2.12 0.06 N | 33.17 2.18 0.28 N | 37.94 2.40 0.22 N | 27.20 2.00 2.04 N | 47.13 3.31 0.19 N | 45.11 3.17 0.00 N | 48.11 3.38 0.00 N | 64.31 4.60 0.00 N | 65.85 4.78 0.01 N | 33.57 2.22 0.00 N | -76.04 -4.73 0.00 N | 92.24 5.05 0.00 N | 51.55 2.45 0.00 N | 36.15 1.72 0.00 N | 39.28 2.20 0.00 N | 36.30 2.26 0.00 N | 37.02 2.40 0.00 N | 33.55 2.22 0.02 N | 29.10 1.91 0.07 N | 33.18 1.87 0.00 N |
| LI_NEWBRDGE____DRP 323616 | 47.61 4.41 -4.45 N | 46.54 1.10 -36.27 N | 43.07 4.36 -3.31 N | 41.47 3.82 -6.12 N | 40.75 4.09 -2.69 N | 47.89 3.80 -12.82 N | 55.28 4.65 -14.88 N | 110.04 3.34 -79.46 N | 57.95 5.39 -8.54 N | 60.88 5.27 -13.65 N | 60.17 5.50 -9.93 N | 70.00 7.14 -3.15 N | 68.61 7.12 -0.41 N | 204.32 3.03 -169.94 N | 259.86 -5.88 -337.05 N | 210.15 7.67 -115.30 N | 53.34 4.24 0.00 N | 37.20 2.78 0.00 N | 40.27 3.19 0.00 N | 39.43 3.17 -2.22 N | 41.26 3.73 -2.90 N | 36.20 3.46 -1.40 N | 33.66 3.24 -3.16 N | 37.18 3.62 -2.26 N |
| LONG_LAKE_PHOENIX 24014 | 38.68 -0.38 -0.32 N | 11.78 -0.09 -2.71 N | 35.06 -0.45 -0.11 N | 31.11 -0.42 0.00 N | 33.70 -0.46 -0.19 N | 31.69 -0.39 -0.82 N | 35.96 -0.42 -0.63 N | 32.95 -0.22 -5.93 N | 44.22 -0.36 -0.57 N | 41.71 -0.25 -0.01 N | 44.55 -0.19 -0.01 N | 59.50 -0.21 0.00 N | 60.90 -0.21 -0.03 N | 31.32 -0.03 0.00 N | -71.20 0.11 0.00 N | 87.26 0.07 0.00 N | 49.05 -0.05 0.00 N | 34.43 0.00 0.00 N | 37.04 -0.04 0.00 N | 33.98 -0.06 0.00 N | 34.56 -0.07 0.00 N | 31.37 -0.04 -0.07 N | 27.38 -0.07 -0.20 N | 31.11 -0.20 0.00 N |
| LOVETT____3 23632 | 46.51 3.66 -4.10 N | 45.27 0.89 -35.22 N | 40.26 3.37 -1.49 N | 34.45 2.91 0.00 N | 39.56 3.15 -2.45 N | 44.82 2.94 -10.61 N | 47.55 3.63 -8.18 N | 107.07 2.67 -77.16 N | 55.54 4.12 -7.42 N | 45.98 3.93 -0.10 N | 49.03 4.14 -0.15 N | 65.10 5.39 0.00 N | 66.96 5.48 -0.40 N | 193.93 2.52 -160.06 N | 241.29 -4.86 -317.45 N | 201.89 6.11 -108.59 N | 52.06 2.97 0.00 N | 36.43 2.00 0.00 N | 39.33 2.25 0.00 N | 36.36 2.32 0.00 N | 37.22 2.60 0.00 N | 34.81 2.55 -0.92 N | 32.39 2.43 -2.70 N | 34.01 2.70 0.00 N |
| LOVETT____4 23642 | 46.84 4.00 -4.10 N | 45.36 0.96 -35.23 N | 40.53 3.65 -1.49 N | 34.69 3.15 0.00 N | 39.82 3.41 -2.45 N | 45.06 3.17 -10.61 N | 47.83 3.89 -8.18 N | 107.31 2.88 -77.19 N | 55.92 4.49 -7.42 N | 46.35 4.30 -0.10 N | 49.44 4.55 -0.15 N | 65.69 5.97 0.00 N | 67.57 6.08 -0.40 N | 194.38 2.84 -160.19 N | 240.84 -5.56 -317.71 N | 202.91 7.04 -108.68 N | 52.54 3.44 0.00 N | 36.74 2.31 0.00 N | 39.65 2.57 0.00 N | 36.65 2.62 0.00 N | 37.52 2.89 0.00 N | 35.07 2.81 -0.92 N | 32.61 2.65 -2.70 N | 34.25 2.94 0.00 N |

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| LOVETT___5 23593 | 46.84 4.00 -4.10 N | 45.36 0.96 -35.23 N | 40.53 3.65 -1.49 N | 34.69 3.15 0.00 N | 39.82 3.41 -2.45 N | 45.06 3.17 -10.61 N | 47.83 3.89 -8.18 N | 107.31 2.88 -77.19 N | 55.92 4.49 -7.42 N | 46.35 4.30 -0.10 N | 49.44 4.55 -0.15 N | 65.69 5.97 0.00 N | 67.57 6.08 -0.40 N | 194.38 2.84 -160.19 N | 240.84 -5.56 -317.71 N | 202.91 7.04 -108.68 N | 52.54 3.44 0.00 N | 36.74 2.31 0.00 N | 39.65 2.57 0.00 N | 36.65 2.62 0.00 N | 37.52 2.89 0.00 N | 35.07 2.81 -0.92 N | 32.61 2.65 -2.70 N | 34.25 2.94 0.00 N |
| LOWER RAQUET___HYD 24057 | 37.22 -1.52 0.00 N | 8.80 -0.37 0.00 N | 34.52 -0.88 0.00 N | 30.87 -0.67 0.00 N | 33.29 -0.67 0.00 N | 30.39 0.00 0.00 N | 34.57 -1.19 0.00 N | 26.31 -0.93 0.00 N | 42.68 -1.34 0.00 N | 40.61 -1.34 0.00 N | 42.76 -1.97 0.00 N | 57.13 -2.58 0.00 N | 58.44 -2.65 0.00 N | 30.08 -1.27 0.00 N | -70.13 1.18 0.00 N | 85.07 -2.11 0.00 N | 48.44 -0.67 0.00 N | 33.91 -0.52 0.00 N | 36.18 -0.90 0.00 N | 33.03 -1.01 0.00 N | 33.45 -1.18 0.00 N | 29.66 -1.69 0.00 N | 25.74 -1.51 0.00 N | 30.66 -0.65 0.00 N |
| LOWER___HUDSON 24059 | 46.88 2.76 -5.38 N | 56.01 0.67 -46.17 N | 39.89 2.55 -1.95 N | 33.68 2.14 0.00 N | 39.43 2.26 -3.21 N | 47.38 2.20 -13.90 N | 49.02 2.55 -10.72 N | 130.45 2.06 -101.15 N | 57.12 3.38 -9.72 N | 45.22 3.14 -0.12 N | 48.34 3.41 -0.20 N | 64.52 4.81 0.00 N | 66.76 5.16 -0.52 N | 42.59 2.42 -8.82 N | -58.30 -4.48 -17.49 N | 98.59 5.42 -5.98 N | 52.00 2.90 0.00 N | 36.40 1.97 0.00 N | 39.60 2.52 0.00 N | 36.45 2.42 0.00 N | 37.17 2.55 0.00 N | 34.93 2.38 -1.20 N | 32.82 2.03 -3.54 N | 33.33 2.02 0.00 N |
| LWR___OSWEGATCHIE_HYD 23850 | 38.49 -0.26 0.00 N | 9.09 -0.08 0.00 N | 35.36 -0.03 0.00 N | 31.58 0.04 0.00 N | 34.05 0.08 0.00 N | 31.24 -0.03 0.00 N | 35.71 -0.05 0.00 N | 27.33 0.09 0.00 N | 44.34 0.32 0.00 N | 42.28 0.33 0.00 N | 44.73 -0.01 0.00 N | 59.86 0.14 0.00 N | 61.24 0.15 0.00 N | 31.48 0.13 0.00 N | -72.36 -1.05 0.00 N | 88.01 0.82 0.00 N | 49.72 0.61 0.00 N | 34.86 0.44 0.00 N | 37.42 0.34 0.00 N | 34.26 0.22 0.00 N | 34.76 0.14 0.00 N | 31.08 -0.27 0.00 N | 26.93 -0.33 0.00 N | 31.51 0.21 0.00 N |
| LYONS_FALL_HYD 23570 | 39.56 0.82 0.00 N | 9.35 0.17 0.00 N | 36.09 0.69 0.00 N | 32.18 0.65 0.00 N | 34.67 0.71 0.00 N | 31.97 0.70 0.00 N | 36.68 0.92 0.00 N | 28.17 0.93 0.00 N | 45.68 1.66 0.00 N | 43.69 1.74 0.00 N | 46.57 1.83 0.00 N | 62.33 2.62 0.00 N | 63.78 2.69 0.00 N | 32.75 1.40 0.00 N | -73.93 -2.63 0.00 N | 90.27 3.08 0.00 N | 50.64 1.54 0.00 N | 35.53 1.10 0.00 N | 38.24 1.16 0.00 N | 35.07 1.03 0.00 N | 35.65 1.03 0.00 N | 32.18 0.83 0.00 N | 27.87 0.63 0.00 N | 32.16 0.86 0.00 N |
| MAPLE RIDGE_WT_1 323574 | 37.56 -0.94 0.24 N | 6.94 -0.21 2.03 N | 34.71 -0.60 0.08 N | 31.01 -0.52 0.00 N | 33.23 -0.60 0.14 N | 30.12 -0.54 0.61 N | 34.78 -0.51 0.47 N | 22.52 -0.28 4.44 N | 43.25 -0.34 0.43 N | 41.46 -0.48 0.01 N | 44.20 -0.53 0.01 N | 58.91 -0.80 0.00 N | 60.22 -0.84 0.02 N | 30.91 -0.44 0.00 N | -70.98 0.33 0.00 N | 86.23 -0.95 0.00 N | 48.78 -0.32 0.00 N | 34.20 -0.22 0.00 N | 36.85 -0.23 0.00 N | 33.80 -0.23 0.00 N | 34.23 -0.40 0.00 N | 30.71 -0.58 0.05 N | 26.53 -0.56 0.15 N | 30.82 -0.49 0.00 N |
| MAPLE RIDGE_WT_2 323611 | 37.56 -0.94 0.24 N | 6.94 -0.21 2.03 N | 34.71 -0.60 0.08 N | 31.01 -0.52 0.00 N | 33.23 -0.60 0.14 N | 30.12 -0.54 0.61 N | 34.78 -0.51 0.47 N | 22.52 -0.28 4.44 N | 43.25 -0.34 0.43 N | 41.46 -0.48 0.01 N | 44.20 -0.53 0.01 N | 58.91 -0.80 0.00 N | 60.22 -0.84 0.02 N | 30.91 -0.44 0.00 N | -70.98 0.33 0.00 N | 86.23 -0.95 0.00 N | 48.78 -0.32 0.00 N | 34.20 -0.22 0.00 N | 36.85 -0.23 0.00 N | 33.80 -0.23 0.00 N | 34.23 -0.40 0.00 N | 30.71 -0.58 0.05 N | 26.53 -0.56 0.15 N | 30.82 -0.49 0.00 N |
| MG INDUSTRY___DRP 24185 | 45.79 1.74 -5.30 N | 55.09 0.42 -45.49 N | 38.94 1.62 -1.92 N | 32.95 1.41 0.00 N | 38.61 1.48 -3.16 N | 46.38 1.41 -13.70 N | 47.87 1.55 -10.56 N | 128.12 1.21 -99.68 N | 55.52 1.93 -9.58 N | 43.93 1.85 -0.12 N | 46.92 1.98 -0.20 N | 62.37 2.66 0.00 N | 64.32 2.72 -0.51 N | 32.61 1.26 0.00 N | -73.48 -2.18 0.00 N | 90.08 2.89 0.00 N | 50.54 1.44 0.00 N | 35.36 0.93 0.00 N | 38.25 1.17 0.00 N | 35.22 1.18 0.00 N | 35.93 1.31 0.00 N | 33.80 1.27 -1.18 N | 31.89 1.15 -3.49 N | 32.49 1.18 0.00 N |
| MID___OSWEGATCHIE_HYD 23849 | 38.49 -0.26 0.00 N | 9.09 -0.08 0.00 N | 35.36 -0.03 0.00 N | 31.58 0.04 0.00 N | 34.05 0.08 0.00 N | 31.24 -0.03 0.00 N | 35.71 -0.05 0.00 N | 27.33 0.09 0.00 N | 44.34 0.32 0.00 N | 42.28 0.33 0.00 N | 44.73 -0.01 0.00 N | 59.86 0.14 0.00 N | 61.24 0.15 0.00 N | 31.48 0.13 0.00 N | -72.36 -1.05 0.00 N | 88.01 0.82 0.00 N | 49.72 0.61 0.00 N | 34.86 0.44 0.00 N | 37.42 0.34 0.00 N | 34.26 0.22 0.00 N | 34.76 0.14 0.00 N | 31.08 -0.27 0.00 N | 26.93 -0.33 0.00 N | 31.51 0.21 0.00 N |
| MID___RAQUETTE_HYD 23851 | 37.22 -1.52 0.00 N | 8.80 -0.37 0.00 N | 34.52 -0.88 0.00 N | 30.87 -0.67 0.00 N | 33.29 -0.67 0.00 N | 30.39 -0.88 0.00 N | 34.57 -1.19 0.00 N | 26.31 -0.93 0.00 N | 42.68 -1.34 0.00 N | 40.61 -1.34 0.00 N | 42.76 -1.97 0.00 N | 57.13 -2.58 0.00 N | 58.44 -2.65 0.00 N | 30.08 -1.27 0.00 N | -70.13 1.18 0.00 N | 85.07 -2.11 0.00 N | 48.44 -0.67 0.00 N | 33.91 -0.52 0.00 N | 36.18 -0.90 0.00 N | 33.03 -1.01 0.00 N | 33.45 -1.18 0.00 N | 29.66 -1.69 0.00 N | 25.74 -1.51 0.00 N | 30.66 -0.65 0.00 N |
| MILLIKEN___1 23584 | 37.96 -1.45 -0.67 N | 14.85 -0.04 -5.72 N | 34.78 -0.86 -0.24 N | 30.75 -0.78 0.00 N | 33.08 -1.28 -0.40 N | 31.78 -1.21 -1.72 N | 35.87 -1.21 -1.33 N | 39.06 -0.70 -12.53 N | 44.18 -1.04 -1.20 N | 41.20 -0.77 -0.02 N | 44.12 -0.64 -0.02 N | 58.97 -0.74 0.00 N | 60.47 -0.68 -0.06 N | 31.25 -0.10 0.00 N | -72.99 -1.69 0.00 N | 89.03 1.84 0.00 N | 48.20 -0.90 0.00 N | 34.08 -0.34 0.00 N | 37.00 -0.07 0.00 N | 33.41 -0.62 0.00 N | 33.74 -0.88 0.00 N | 31.11 -0.38 -0.14 N | 27.73 0.05 -0.42 N | 30.89 -0.42 0.00 N |
| MILLIKEN___2 23585 | 37.96 -1.45 -0.67 N | 14.85 -0.04 -5.72 N | 34.78 -0.86 -0.24 N | 30.75 -0.78 0.00 N | 33.08 -1.28 -0.40 N | 31.78 -1.21 -1.72 N | 35.87 -1.21 -1.33 N | 39.06 -0.70 -12.53 N | 44.18 -1.04 -1.20 N | 41.20 -0.77 -0.02 N | 44.12 -0.64 -0.02 N | 58.97 -0.74 0.00 N | 60.47 -0.68 -0.06 N | 31.25 -0.10 0.00 N | -72.99 -1.69 0.00 N | 89.03 1.84 0.00 N | 48.20 -0.90 0.00 N | 34.08 -0.34 0.00 N | 37.00 -0.07 0.00 N | 33.41 -0.62 0.00 N | 33.74 -0.88 0.00 N | 31.11 -0.38 -0.14 N | 27.73 0.05 -0.42 N | 30.89 -0.42 0.00 N |
| MILLIKEN___DIESEL 23629 | 37.96 -1.45 -0.67 N | 14.85 -0.04 -5.72 N | 34.78 -0.86 -0.24 N | 30.75 -0.78 0.00 N | 33.08 -1.28 -0.40 N | 31.78 -1.21 -1.72 N | 35.87 -1.21 -1.33 N | 39.06 -0.70 -12.53 N | 44.18 -1.04 -1.20 N | 41.20 -0.77 -0.02 N | 44.12 -0.64 -0.02 N | 58.97 -0.74 0.00 N | 60.47 -0.68 -0.06 N | 31.25 -0.10 0.00 N | -72.99 -1.69 0.00 N | 89.03 1.84 0.00 N | 48.20 -0.90 0.00 N | 34.08 -0.34 0.00 N | 37.00 -0.07 0.00 N | 33.41 -0.62 0.00 N | 33.74 -0.88 0.00 N | 31.11 -0.38 -0.14 N | 27.73 0.05 -0.42 N | 30.89 -0.42 0.00 N |
| MILLSEAT___LFGE 323607 | 36.77 -2.54 -0.56 N | 13.39 -0.62 -4.84 N | 33.10 -2.50 -0.20 N | 29.27 -2.27 0.00 N | 32.09 -2.21 -0.34 N | 30.53 -2.20 -1.46 N | 33.99 -2.89 -1.13 N | 35.86 -1.99 -10.61 N | 41.34 -3.70 -1.02 N | 38.83 -3.13 -0.01 N | 41.56 -3.20 -0.02 N | 55.23 -4.48 0.00 N | 56.65 -4.49 -0.06 N | 29.76 -1.59 0.00 N | -68.96 2.35 0.00 N | 83.83 -3.35 0.00 N | 46.39 -2.71 0.00 N | 33.01 -1.42 0.00 N | 35.14 -1.94 0.00 N | 32.15 -1.88 0.00 N | 32.60 -2.03 0.00 N | 29.53 -1.92 -0.11 N | 25.92 -1.66 -0.33 N | 29.23 -2.08 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 |
|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---|
| MODEL_CITY_ENERGY 24167 | 36.07 -3.27 -0.59 N | 13.48 -0.78 -5.09 N | 32.53 -3.09 -0.21 N | 28.78 -2.75 0.00 N | 31.58 -2.74 -0.35 N | 30.05 -2.75 -1.53 N | 33.30 -3.64 -1.18 N | 35.77 -2.62 -11.15 N | 40.28 -4.81 -1.07 N | 37.71 -4.26 -0.01 N | 40.33 -4.43 -0.02 N | 53.54 -6.17 0.00 N | 54.93 -6.21 -0.06 N | 28.90 -2.45 0.00 N | -67.04 4.27 0.00 N | 81.43 -5.76 0.00 N | 45.09 -4.01 0.00 N | 32.11 -2.31 0.00 N | 34.19 -2.89 0.00 N | 31.30 -2.73 0.00 N | 31.71 -2.91 0.00 N | 28.79 -2.67 -0.11 N | 25.35 -2.24 -0.34 N | 28.68 -2.63 0.00 N | |
| MODERN_LFGE___ 323580 | 36.07 -3.27 -0.59 N | 13.48 -0.78 -5.09 N | 32.53 -3.09 -0.21 N | 28.78 -2.75 0.00 N | 31.58 -2.74 -0.35 N | 30.05 -2.75 -1.53 N | 33.30 -3.64 -1.18 N | 35.77 -2.62 -11.15 N | 40.28 -4.81 -1.07 N | 37.71 -4.26 -0.01 N | 40.33 -4.43 -0.02 N | 53.54 -6.17 0.00 N | 54.93 -6.21 -0.06 N | 28.90 -2.45 0.00 N | -67.04 4.27 0.00 N | 81.43 -5.76 0.00 N | 45.09 -4.01 0.00 N | 32.11 -2.31 0.00 N | 34.19 -2.89 0.00 N | 31.30 -2.73 0.00 N | 31.71 -2.91 0.00 N | 28.79 -2.67 -0.11 N | 25.35 -2.24 -0.34 N | 28.68 -2.63 0.00 N | |
| MOHAWK_PAPER___DRP 24187 | 46.53 2.36 -5.43 N | 56.34 0.57 -46.61 N | 39.52 2.15 -1.97 N | 33.37 1.84 0.00 N | 39.15 1.94 -3.24 N | 47.19 1.89 -14.04 N | 48.78 2.21 -10.82 N | 131.16 1.80 -102.12 N | 56.81 2.98 -9.81 N | 44.91 2.83 -0.13 N | 48.03 3.09 -0.20 N | 64.00 4.28 0.00 N | 66.13 4.52 -0.52 N | 33.49 2.15 0.00 N | -75.36 4.05 0.00 N | 92.13 4.94 0.00 N | 51.70 2.60 0.00 N | 36.16 1.73 0.00 N | 39.20 2.12 0.00 N | 36.07 2.03 0.00 N | 36.77 2.15 0.00 N | 34.56 2.00 -1.21 N | 32.55 1.72 -3.58 N | 33.04 1.73 0.00 N | |
| MONGAUP___HYD 23641 | 46.69 4.08 -3.87 N | 43.34 0.95 -33.21 N | 40.45 3.65 -1.40 N | 34.71 3.17 0.00 N | 39.70 3.42 -2.31 N | 44.48 3.21 -10.00 N | 47.35 3.89 -7.71 N | 102.94 2.94 -72.76 N | 55.72 4.71 -6.99 N | 46.42 4.38 -0.09 N | 49.38 4.50 -0.14 N | 65.64 5.93 0.00 N | 67.46 6.00 -0.37 N | 175.89 2.61 -141.94 N | 204.32 -5.88 -281.51 N | 190.03 6.54 -96.30 N | 52.27 3.17 0.00 N | 36.51 2.08 0.00 N | 39.41 2.33 0.00 N | 36.41 2.37 0.00 N | 37.26 2.63 0.00 N | 34.72 2.51 -0.86 N | 32.11 2.31 -2.55 N | 33.94 2.63 0.00 N | |
| MONTAUK___DIESEL 23721 | 51.38 8.19 -4.45 N | 47.50 2.06 -36.27 N | 46.86 8.15 -3.31 N | 45.04 7.38 -6.12 N | 44.69 7.98 -2.75 N | 51.47 7.39 -12.82 N | 59.62 8.99 -14.88 N | 113.27 6.57 -79.46 N | 63.22 10.67 -8.54 N | 66.99 11.39 -13.65 N | 67.12 12.45 -9.93 N | 79.17 16.31 -3.15 N | 78.17 16.67 -0.41 N | 209.14 7.85 -169.94 N | 248.80 -16.94 -337.05 N | 223.76 21.28 -115.30 N | 60.90 11.80 0.00 N | 42.30 7.87 0.00 N | 45.74 8.67 0.00 N | 44.62 8.36 -2.22 N | 47.47 9.94 -2.90 N | 41.38 8.64 -1.40 N | 37.73 7.31 -3.16 N | 41.40 7.75 -2.34 N | |
| MUNSVILLE_WIND_PWR 323609 | 41.71 1.76 -1.20 N | 20.00 0.50 -10.33 N | 37.43 1.59 -0.44 N | 33.55 2.01 0.00 N | 36.96 2.27 -0.72 N | 36.58 2.20 -3.11 N | 40.98 2.83 -2.40 N | 52.40 2.52 -22.64 N | 50.34 4.15 -2.18 N | 46.08 4.10 -0.03 N | 49.37 4.59 -0.05 N | 65.99 6.28 0.00 N | 67.65 6.45 -0.12 N | 40.03 3.42 -5.26 N | -69.09 -8.21 -10.43 N | 100.32 9.56 -3.57 N | 53.18 4.08 0.00 N | 37.32 2.90 0.00 N | 40.35 3.27 0.00 N | 36.96 2.92 0.00 N | 37.49 2.87 0.00 N | 34.28 2.66 -0.27 N | 30.27 2.23 -0.79 N | 33.38 2.08 0.00 N | |
| N SALMON___HYD 24042 | 37.82 -0.93 0.00 N | 8.96 -0.21 0.00 N | 34.78 -0.62 0.00 N | 31.12 -0.41 0.00 N | 33.66 -0.30 0.00 N | 30.89 -0.38 0.00 N | 35.20 -0.55 0.00 N | 26.94 -0.30 0.00 N | 43.79 -0.22 0.00 N | 41.72 -0.24 0.00 N | 44.50 -0.23 0.00 N | 59.52 -0.19 0.00 N | 60.94 -0.15 0.00 N | 31.27 -0.08 0.00 N | -72.27 -0.96 0.00 N | 86.80 -0.39 0.00 N | 49.90 0.80 0.00 N | 35.08 0.65 0.00 N | 37.34 0.26 0.00 N | 33.99 -0.04 0.00 N | 34.27 -0.35 0.00 N | 30.52 -0.82 0.00 N | 26.43 -0.82 0.00 N | 30.83 -0.47 0.00 N | |
| N.E._GEN_SANDY PD 24062 | 37.09 3.17 8.73 N | 52.70 0.72 -42.81 N | 39.95 2.75 -1.81 N | 33.84 2.31 0.00 N | 39.38 2.43 -2.98 N | 46.51 2.34 -12.89 N | 48.37 2.68 -9.94 N | 123.15 2.11 -93.80 N | 56.41 3.37 -9.01 N | 43.96 2.43 -8.26 N | 48.26 3.33 -0.19 N | 64.34 4.62 0.00 N | 66.47 4.90 -0.48 N | 74.50 4.11 -13.70 N | 65.46 3.39 -14.99 N | 137.42 5.20 -45.03 N | 51.82 2.72 0.00 N | 36.22 1.79 0.00 N | 45.00 2.61 -3.47 N | 45.00 2.42 -4.54 N | 37.55 2.23 -1.57 N | 34.80 2.34 -1.11 N | 32.61 2.07 -3.28 N | 33.44 2.13 0.00 N | |
| NARROWS_GT1_1 24228 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N | |
| NARROWS_GT1_2 24229 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N | |
| NARROWS_GT1_3 24230 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N | |
| NARROWS_GT1_4 24231 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N | |
| NARROWS_GT1_5 24232 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N | |
| NARROWS_GT1_6 | 183.29 | 193.94 | 201.83 | 147.03 | 69.53 | 46.03 | 160.18 | 188.53 | 180.56 | 253.32 | 277.54 | 271.46 | 271.86 | 235.45 | 394.13 | 401.95 | 292.66 | 196.39 | 191.13 | 195.81 | 195.83 | 195.82 | 195.78 | 178.83 | |

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| 24233 | 4.76 -139.79 N | 1.14 -183.63 N | 4.37 -162.06 N | 3.81 -111.68 N | 4.06 -31.50 N | 3.83 -10.93 N | 4.71 -119.72 N | 3.50 -157.80 N | 5.53 -131.02 N | 5.36 -206.01 N | 5.71 -227.09 N | 7.24 -204.50 N | 7.15 -203.63 N | 3.18 -200.92 N | -6.20 -471.63 N | 7.99 -306.78 N | 4.16 -239.40 N | 2.76 -159.20 N | 3.06 -151.00 N | 3.12 -158.65 N | 3.35 -157.86 N | 3.26 -161.21 N | 3.06 -165.47 N | 3.47 -144.06 N |
| NARROWS_GT1_7 24234 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N |
| NARROWS_GT1_8 24235 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N |
| NARROWS_GT2_1 24236 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N |
| NARROWS_GT2_2 24237 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N |
| NARROWS_GT2_3 24238 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N |
| NARROWS_GT2_4 24239 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N |
| NARROWS_GT2_5 24240 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N |
| NARROWS_GT2_6 24241 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N |
| NARROWS_GT2_7 24242 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N |
| NARROWS_GT2_8 24243 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N |
| NEG CAPITAL___MECHNVIL 23645 | 47.27 3.13 -5.40 N | 56.28 0.75 -46.36 N | 40.19 2.83 -1.96 N | 33.92 2.38 0.00 N | 39.71 2.52 -3.22 N | 47.71 2.48 -13.96 N | 49.41 2.89 -10.77 N | 131.15 2.34 -101.57 N | 57.68 3.91 -9.76 N | 45.75 3.67 -0.13 N | 48.93 3.99 -0.20 N | 65.40 5.69 0.00 N | 67.69 6.09 -0.52 N | 44.31 2.86 -10.09 N | -56.63 -5.34 -20.02 N | 100.45 6.41 -6.85 N | 52.57 3.47 0.00 N | 36.85 2.42 0.00 N | 40.11 3.03 0.00 N | 36.92 2.88 0.00 N | 37.63 3.00 0.00 N | 35.33 2.78 -1.21 N | 33.15 2.34 -3.56 N | 33.62 2.31 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 37.35 -1.86 -0.46 N | 12.68 -0.44 -3.95 N | 33.71 -1.86 -0.17 N | 29.81 -1.73 0.00 N | 32.45 -1.79 -0.27 N | 30.77 -1.69 -1.19 N | 34.63 -2.04 -0.92 N | 34.54 -1.36 -8.66 N | 42.49 -2.36 -0.83 N | 39.98 -1.98 -0.01 N | 42.75 -2.00 -0.02 N | 56.94 -2.77 0.00 N | 58.35 -2.78 -0.04 N | 30.29 -1.06 0.00 N | -69.57 1.74 0.00 N | 84.96 -2.23 0.00 N | 47.46 -1.64 0.00 N | 33.51 -0.92 0.00 N | 35.89 -1.19 0.00 N | 32.80 -1.24 0.00 N | 33.28 -1.35 0.00 N | 30.18 -1.26 -0.09 N | 26.40 -1.13 -0.28 N | 29.84 -1.47 0.00 N |
| NEG CENTRAL___DRP 24199 | 38.78 -0.47 -0.50 N | 13.38 -0.08 -4.29 N | 35.06 -0.52 -0.18 N | 31.07 -0.47 0.00 N | 33.75 -0.52 -0.30 N | 32.06 -0.50 -1.29 N | 36.24 -0.51 -1.00 N | 36.42 -0.21 -9.40 N | 44.45 -0.47 -0.90 N | 41.73 -0.23 -0.01 N | 44.66 -0.10 -0.02 N | 59.59 -0.12 0.00 N | 61.12 -0.02 -0.05 N | 31.54 0.19 0.00 N | -72.03 -0.72 0.00 N | 88.12 0.94 0.00 N | 48.91 -0.19 0.00 N | 34.48 0.05 0.00 N | 37.06 -0.02 0.00 N | 34.00 -0.04 0.00 N | 34.54 -0.08 0.00 N | 31.39 -0.07 -0.11 N | 27.63 0.06 -0.31 N | 31.21 -0.10 0.00 N |

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|-------------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|---------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| NEG CENTRAL___INDECK 23768 | 39.28 -0.13 -0.66 N | 14.76 -0.07 -5.66 N | 35.14 -0.50 -0.24 N | 31.05 -0.48 0.00 N | 34.04 -0.32 -0.39 N | 32.64 -0.34 -1.70 N | 36.68 -0.39 -1.31 N | 39.62 -0.02 -12.40 N | 44.93 -0.28 -1.19 N | 42.06 0.09 -0.02 N | 45.11 0.34 -0.02 N | 60.14 0.43 0.00 N | 61.73 0.59 -0.06 N | 32.07 0.72 0.00 N | -73.38 -2.07 0.00 N | 89.53 2.34 0.00 N | 49.48 0.39 0.00 N | 35.05 0.62 0.00 N | 37.49 0.41 0.00 N | 34.37 0.33 0.00 N | 34.94 0.32 0.00 N | 31.70 0.21 -0.13 N | 27.83 0.18 -0.40 N | 31.31 0.00 0.00 N |
| NEG CENTRAL___SENECA 23627 | 38.77 -0.52 -0.55 N | 13.83 -0.09 -4.75 N | 35.01 -0.58 -0.20 N | 31.01 -0.53 0.00 N | 33.72 -0.58 -0.33 N | 32.12 -0.58 -1.43 N | 36.26 -0.60 -1.10 N | 37.39 -0.25 -10.40 N | 44.48 -0.53 -1.00 N | 41.70 -0.26 -0.01 N | 44.66 -0.10 -0.02 N | 59.58 -0.13 0.00 N | 61.15 0.01 -0.05 N | 31.62 0.27 0.00 N | -72.15 -0.84 0.00 N | 88.38 1.19 0.00 N | 48.75 -0.35 0.00 N | 34.45 0.03 0.00 N | 37.01 -0.07 0.00 N | 33.97 -0.07 0.00 N | 34.51 -0.11 0.00 N | 31.36 -0.11 -0.12 N | 27.66 0.07 -0.34 N | 31.23 -0.08 0.00 N |
| NEG CENTRAL___STATE_STREET 24147 | 39.57 0.34 -0.49 N | 13.57 0.17 -4.23 N | 35.87 0.30 -0.18 N | 31.76 0.22 0.00 N | 34.38 0.12 -0.29 N | 32.67 0.12 -1.28 N | 37.04 0.30 -0.98 N | 36.96 0.45 -9.27 N | 45.54 0.63 -0.89 N | 42.88 0.91 -0.01 N | 45.86 1.10 -0.02 N | 61.20 1.49 0.00 N | 62.79 1.65 -0.05 N | 32.40 1.05 0.00 N | -74.41 -3.10 0.00 N | 90.96 3.77 0.00 N | 50.25 1.14 0.00 N | 35.40 0.97 0.00 N | 38.13 1.05 0.00 N | 34.81 0.77 0.00 N | 35.27 0.65 0.00 N | 32.12 0.66 -0.10 N | 28.32 0.76 -0.31 N | 31.89 0.59 0.00 N |
| NEG MILLWOOD___DRP 24198 | 47.38 4.32 -4.31 N | 47.22 1.03 -37.02 N | 40.87 3.91 -1.56 N | 34.93 3.40 0.00 N | 40.20 3.65 -2.57 N | 45.85 3.43 -11.15 N | 48.55 4.20 -8.60 N | 111.54 3.19 -81.11 N | 56.91 5.09 -7.80 N | 47.02 4.97 -0.10 N | 50.23 5.33 -0.16 N | 66.72 7.01 0.00 N | 68.66 7.16 -0.42 N | 193.14 3.38 -158.42 N | 236.03 -6.86 -314.19 N | 203.18 8.52 -107.48 N | 53.33 4.23 0.00 N | 37.20 2.77 0.00 N | 40.17 3.09 0.00 N | 37.12 3.08 0.00 N | 37.97 3.35 0.00 N | 35.51 3.20 -0.96 N | 33.02 2.92 -2.84 N | 34.50 3.20 0.00 N |
| NEG NORTH_FLCN_SEA 23793 | 37.77 -0.97 0.00 N | 9.01 -0.16 0.00 N | 34.92 -0.48 0.00 N | 31.22 -0.32 0.00 N | 33.86 -0.11 0.00 N | 31.04 -0.23 0.00 N | 35.26 -0.50 0.00 N | 26.97 -0.27 0.00 N | 43.79 -0.22 0.00 N | 41.64 -0.32 0.00 N | 44.59 -0.14 0.00 N | 59.72 0.01 0.00 N | 61.22 0.13 0.00 N | 31.32 -0.03 0.00 N | -72.13 -0.83 0.00 N | 86.48 -0.71 0.00 N | 49.91 0.81 0.00 N | 35.21 0.78 0.00 N | 37.31 0.23 0.00 N | 33.87 -0.17 0.00 N | 34.09 -0.53 0.00 N | 30.40 -0.95 0.00 N | 26.30 -0.95 0.00 N | 30.56 -0.75 0.00 N |
| NEG NORTH_KES_CHATAGAY 23792 | 37.26 -1.48 0.00 N | 8.84 -0.33 0.00 N | 34.27 -1.13 0.00 N | 30.66 -0.88 0.00 N | 33.19 -0.78 0.00 N | 30.51 -0.76 0.00 N | 34.72 -1.04 0.00 N | 26.57 -0.67 0.00 N | 43.15 -0.86 0.00 N | 41.04 -0.91 0.00 N | 43.88 -0.86 0.00 N | 58.70 -1.01 0.00 N | 60.10 -0.99 0.00 N | 30.82 -0.53 0.00 N | -71.20 0.10 0.00 N | 85.35 -1.83 0.00 N | 49.25 0.15 0.00 N | 34.67 0.24 0.00 N | 36.86 -0.22 0.00 N | 33.52 -0.52 0.00 N | 33.68 -0.94 0.00 N | 30.03 -1.32 0.00 N | 26.00 -1.25 0.00 N | 30.20 -1.10 0.00 N |
| NEG NORTH___ALICE_FALLS 23915 | 38.02 -0.73 0.00 N | 9.04 -0.13 0.00 N | 35.02 -0.37 0.00 N | 31.32 -0.21 0.00 N | 33.98 0.01 0.00 N | 31.18 -0.09 0.00 N | 35.47 -0.29 0.00 N | 27.15 -0.09 0.00 N | 44.09 0.07 0.00 N | 41.94 -0.01 0.00 N | 44.92 0.18 0.00 N | 60.16 0.45 0.00 N | 61.65 0.56 0.00 N | 31.56 0.21 0.00 N | -72.62 -1.32 0.00 N | 87.16 -0.03 0.00 N | 50.26 1.16 0.00 N | 35.45 1.02 0.00 N | 37.59 0.51 0.00 N | 34.15 0.11 0.00 N | 34.37 -0.25 0.00 N | 30.65 -0.70 0.00 N | 26.52 -0.74 0.00 N | 30.79 -0.51 0.00 N |
| NEG NORTH___LWR_SARANAC 23913 | 38.02 -0.73 0.00 N | 9.04 -0.13 0.00 N | 35.02 -0.37 0.00 N | 31.32 -0.21 0.00 N | 33.98 0.01 0.00 N | 31.18 -0.09 0.00 N | 35.47 -0.29 0.00 N | 27.15 -0.09 0.00 N | 44.09 0.07 0.00 N | 41.94 -0.01 0.00 N | 44.92 0.18 0.00 N | 60.16 0.45 0.00 N | 61.65 0.56 0.00 N | 31.56 0.21 0.00 N | -72.62 -1.32 0.00 N | 87.16 -0.03 0.00 N | 50.26 1.16 0.00 N | 35.45 1.02 0.00 N | 37.59 0.51 0.00 N | 34.15 0.11 0.00 N | 34.37 -0.25 0.00 N | 30.65 -0.70 0.00 N | 26.52 -0.74 0.00 N | 30.79 -0.51 0.00 N |
| NEG NORTH___PLATTSBURG 23628 | 38.02 -0.73 0.00 N | 9.04 -0.13 0.00 N | 35.02 -0.37 0.00 N | 31.32 -0.21 0.00 N | 33.98 0.01 0.00 N | 31.18 -0.09 0.00 N | 35.47 -0.29 0.00 N | 27.15 -0.09 0.00 N | 44.09 0.07 0.00 N | 41.94 -0.01 0.00 N | 44.92 0.18 0.00 N | 60.16 0.45 0.00 N | 61.65 0.56 0.00 N | 31.56 0.21 0.00 N | -72.62 -1.32 0.00 N | 87.16 -0.03 0.00 N | 50.26 1.16 0.00 N | 35.45 1.02 0.00 N | 37.59 0.51 0.00 N | 34.15 0.11 0.00 N | 34.37 -0.25 0.00 N | 30.65 -0.70 0.00 N | 26.52 -0.74 0.00 N | 30.79 -0.51 0.00 N |
| NEG WEST_LEA_LOCKPORT 23791 | 36.17 -3.16 -0.59 N | 13.45 -0.76 -5.03 N | 32.61 -3.00 -0.21 N | 28.86 -2.67 0.00 N | 31.67 -2.65 -0.35 N | 30.13 -2.66 -1.52 N | 33.41 -3.51 -1.17 N | 35.76 -2.52 -11.03 N | 40.43 -4.64 -1.06 N | 37.86 -4.10 -0.01 N | 40.50 -4.26 -0.02 N | 53.79 -5.92 0.00 N | 55.20 -5.94 -0.06 N | 29.03 -2.32 0.00 N | -67.33 3.98 0.00 N | 81.79 -5.40 0.00 N | 45.25 -3.86 0.00 N | 32.22 -2.21 0.00 N | 34.31 -2.77 0.00 N | 31.41 -2.63 0.00 N | 31.82 -2.80 0.00 N | 28.89 -2.57 -0.11 N | 25.43 -2.16 -0.34 N | 28.77 -2.54 0.00 N |
| NEG WEST___LANCASTER 23811 | 36.83 -2.63 -0.72 N | 14.63 -0.67 -6.14 N | 32.98 -2.68 -0.26 N | 29.21 -2.33 0.00 N | 32.16 -2.24 -0.43 N | 30.83 -2.29 -1.85 N | 34.36 -2.82 -1.43 N | 38.65 -2.04 -13.45 N | 41.50 -3.81 -1.29 N | 38.57 -3.40 -0.02 N | 41.37 -3.39 -0.03 N | 55.19 -4.52 0.00 N | 56.74 -4.42 -0.07 N | 29.54 -1.81 0.00 N | -67.13 4.18 0.00 N | 82.36 -4.82 0.00 N | 44.91 -4.19 0.00 N | 32.01 -2.42 0.00 N | 34.26 -2.82 0.00 N | 31.57 -2.47 0.00 N | 32.11 -2.52 0.00 N | 29.07 -2.41 -0.13 N | 25.73 -1.91 -0.39 N | 29.16 -2.15 0.00 N |
| NEG_PENN_ALLEGHNY 23528 | 40.65 0.54 -1.37 N | 21.05 0.10 -11.78 N | 36.24 0.34 -0.50 N | 31.90 0.36 0.00 N | 35.27 0.49 -0.82 N | 35.24 0.42 -3.55 N | 39.07 0.58 -2.73 N | 53.55 0.50 -25.81 N | 47.16 0.66 -2.48 N | 42.71 0.73 -0.03 N | 45.71 0.92 -0.05 N | 61.03 1.32 0.00 N | 62.58 1.37 -0.13 N | 37.75 0.70 -5.70 N | -60.88 -0.88 -11.31 N | 92.51 1.45 -3.87 N | 49.94 0.84 0.00 N | 35.11 0.68 0.00 N | 37.85 0.77 0.00 N | 34.88 0.84 0.00 N | 35.54 0.91 0.00 N | 32.48 0.82 -0.31 N | 28.94 0.77 -0.91 N | 32.12 0.81 0.00 N |
| NEG___GEN_MONROE 24207 | 38.02 -1.22 -0.50 N | 13.12 -0.31 -4.27 N | 34.18 -1.39 -0.18 N | 30.21 -1.32 0.00 N | 32.99 -1.28 -0.30 N | 31.32 -1.24 -1.29 N | 35.16 -1.59 -0.99 N | 35.64 -0.95 -9.35 N | 43.14 -1.77 -0.90 N | 40.63 -1.34 -0.01 N | 43.47 -1.29 -0.02 N | 57.89 -1.83 0.00 N | 59.37 -1.76 -0.05 N | 30.95 -0.40 0.00 N | -71.28 0.02 0.00 N | 87.03 -0.15 0.00 N | 48.43 -0.67 0.00 N | 34.30 -0.13 0.00 N | 36.62 -0.46 0.00 N | 33.45 -0.59 0.00 N | 33.93 -0.70 0.00 N | 30.72 -0.72 -0.10 N | 26.86 -0.69 -0.30 N | 30.29 -1.02 0.00 N |
| NEPA___ENERGY 23901 | 37.14 -2.41 -0.81 N | 15.49 -0.65 -6.96 N | 33.16 -2.53 -0.29 N | 29.46 -2.08 0.00 N | 32.56 -1.89 -0.48 N | 31.37 -2.00 -2.10 N | 35.08 -2.29 -1.62 N | 40.74 -1.75 -15.25 N | 42.02 -3.46 -1.47 N | 38.72 -3.25 -0.02 N | 41.57 -3.20 -0.03 N | 55.68 -4.04 0.00 N | 57.17 -4.00 -0.08 N | 29.45 -1.90 0.00 N | -65.59 5.71 0.00 N | 81.10 -6.09 0.00 N | 43.80 -5.30 0.00 N | 31.21 -3.22 0.00 N | 33.62 -3.46 0.00 N | 31.27 -2.77 0.00 N | 31.94 -2.68 0.00 N | 28.86 -2.64 -0.15 N | 25.76 -1.93 -0.44 N | 29.32 -1.99 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
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| NEVERSINK___HYD 23608 | 45.33 2.97 -3.61 N | 40.86 0.70 -30.99 N | 39.39 2.69 -1.31 N | 33.94 2.40 0.00 N | 38.78 2.66 -2.16 N | 43.11 2.51 -9.33 N | 45.96 3.01 -7.20 N | 97.14 1.99 -67.91 N | 52.26 1.72 -6.53 N | 43.83 1.79 -0.08 N | 46.89 2.02 -0.14 N | 62.53 2.82 0.00 N | 64.40 2.97 -0.35 N | 145.20 1.37 -112.49 N | 149.27 -2.52 -223.10 N | 166.44 2.92 -76.33 N | 50.22 1.12 0.00 N | 35.38 0.95 0.00 N | 40.10 3.02 0.00 N | 36.99 2.96 0.00 N | 37.86 3.23 0.00 N | 35.15 3.00 -0.81 N | 32.31 2.68 -2.38 N | 33.87 2.57 0.00 N | |
| NEWTON___FALLS_HYD 23847 | 38.49 -0.26 0.00 N | 9.09 -0.08 0.00 N | 35.36 -0.03 0.00 N | 31.58 0.04 0.00 N | 34.05 0.08 0.00 N | 31.24 -0.03 0.00 N | 35.71 -0.05 0.00 N | 27.33 0.09 0.00 N | 44.34 0.32 0.00 N | 42.28 0.33 0.00 N | 44.73 -0.01 0.00 N | 59.86 0.14 0.00 N | 61.24 0.15 0.00 N | 31.48 0.13 0.00 N | -72.36 -1.05 0.00 N | 88.01 0.82 0.00 N | 49.72 0.61 0.00 N | 34.86 0.44 0.00 N | 37.42 0.34 0.00 N | 34.26 0.22 0.00 N | 34.76 0.14 0.00 N | 31.08 -0.27 0.00 N | 26.93 -0.33 0.00 N | 31.51 0.21 0.00 N | |
| NIAGARA____ 23760 | 35.64 -3.69 -0.58 N | 13.32 -0.87 -5.02 N | 32.20 -3.41 -0.21 N | 28.50 -3.04 0.00 N | 31.26 -3.05 -0.35 N | 29.73 -3.05 -1.51 N | 32.88 -4.04 -1.17 N | 35.28 -2.96 -10.99 N | 39.69 -5.38 -1.06 N | 37.14 -4.82 -0.01 N | 39.67 -5.09 -0.02 N | 52.64 -7.07 0.00 N | 53.99 -7.16 -0.06 N | 28.39 -2.96 0.00 N | -65.97 5.33 0.00 N | 80.06 -7.13 0.00 N | 44.45 -4.65 0.00 N | 31.67 -2.76 0.00 N | 33.74 -3.34 0.00 N | 30.87 -3.17 0.00 N | 31.25 -3.37 0.00 N | 28.39 -3.07 -0.11 N | 25.01 -2.58 -0.33 N | 28.33 -2.97 0.00 N | |
| NINE_MILE_1 23575 | 37.98 -1.02 -0.26 N | 11.15 -0.24 -2.22 N | 34.52 -0.97 -0.09 N | 30.65 -0.88 0.00 N | 33.18 -0.94 -0.15 N | 31.07 -0.87 -0.67 N | 35.28 -0.99 -0.51 N | 31.41 -0.69 -4.86 N | 43.33 -1.15 -0.47 N | 40.94 -1.01 -0.01 N | 43.70 -1.05 -0.01 N | 58.32 -1.39 0.00 N | 59.70 -1.41 -0.02 N | 30.70 -0.65 0.00 N | -69.93 1.38 0.00 N | 85.62 -1.57 0.00 N | 48.17 -0.93 0.00 N | 33.81 -0.62 0.00 N | 36.39 -0.69 0.00 N | 33.38 -0.66 0.00 N | 33.94 -0.68 0.00 N | 30.79 -0.61 -0.06 N | 26.88 -0.54 -0.17 N | 30.61 -0.70 0.00 N | |
| NINE_MILE_2 23744 | 37.98 -1.02 -0.26 N | 11.13 -0.24 -2.20 N | 34.52 -0.97 -0.09 N | 30.65 -0.88 0.00 N | 33.18 -0.94 -0.15 N | 31.07 -0.86 -0.66 N | 35.27 -0.99 -0.51 N | 31.38 -0.69 -4.82 N | 43.34 -1.14 -0.46 N | 40.94 -1.01 -0.01 N | 43.71 -1.04 -0.01 N | 58.32 -1.39 0.00 N | 59.70 -1.41 -0.02 N | 30.71 -0.64 0.00 N | -69.93 1.38 0.00 N | 85.62 -1.57 0.00 N | 48.18 -0.92 0.00 N | 33.81 -0.62 0.00 N | 36.39 -0.69 0.00 N | 33.38 -0.65 0.00 N | 33.94 -0.68 0.00 N | 30.80 -0.61 -0.05 N | 26.88 -0.54 -0.16 N | 30.61 -0.70 0.00 N | |
| NM_CAPITAL___DRP 24208 | 46.12 1.99 -5.38 N | 55.87 0.49 -46.21 N | 39.21 1.87 -1.95 N | 33.12 1.58 0.00 N | 38.84 1.66 -3.21 N | 46.82 1.63 -13.92 N | 48.39 1.90 -10.73 N | 130.03 1.55 -101.24 N | 56.27 2.52 -9.73 N | 44.48 2.40 -0.13 N | 47.53 2.59 -0.20 N | 63.32 3.60 0.00 N | 65.42 3.81 -0.52 N | 33.14 1.79 0.00 N | -74.56 -3.26 0.00 N | 91.25 4.06 0.00 N | 51.21 2.12 0.00 N | 35.81 1.38 0.00 N | 38.81 1.73 0.00 N | 35.72 1.68 0.00 N | 36.42 1.79 0.00 N | 34.25 1.70 -1.20 N | 32.27 1.48 -3.55 N | 32.78 1.47 0.00 N | |
| NM_CENTRAL___DRP 24181 | 39.02 -0.05 -0.33 N | 11.96 -0.02 -2.81 N | 35.35 -0.17 -0.12 N | 31.37 -0.16 0.00 N | 33.99 -0.17 -0.19 N | 31.98 -0.14 -0.85 N | 36.31 -0.09 -0.65 N | 33.43 0.05 -6.15 N | 44.69 0.08 -0.59 N | 42.18 0.22 -0.01 N | 45.09 0.34 -0.01 N | 60.21 0.50 0.00 N | 61.65 0.53 -0.03 N | 31.71 0.37 0.00 N | -72.13 -0.82 0.00 N | 88.32 1.13 0.00 N | 49.60 0.50 0.00 N | 34.82 0.39 0.00 N | 37.44 0.35 0.00 N | 34.33 0.29 0.00 N | 34.88 0.26 0.00 N | 31.68 0.26 -0.07 N | 27.65 0.19 -0.21 N | 31.40 0.09 0.00 N | |
| NM_FRONTIER___DRP 24179 | 35.78 -3.56 -0.59 N | 13.44 -0.84 -5.11 N | 32.31 -3.30 -0.22 N | 28.59 -2.94 0.00 N | 31.38 -2.94 -0.36 N | 29.87 -2.94 -1.54 N | 33.02 -3.92 -1.19 N | 35.56 -2.86 -11.19 N | 39.83 -5.26 -1.08 N | 37.26 -4.71 -0.01 N | 39.79 -4.97 -0.02 N | 52.78 -6.93 0.00 N | 54.18 -6.97 -0.06 N | 28.52 -2.83 0.00 N | -66.34 4.97 0.00 N | 80.44 -6.75 0.00 N | 44.63 -4.47 0.00 N | 31.79 -2.64 0.00 N | 33.85 -3.23 0.00 N | 30.98 -3.06 0.00 N | 31.36 -3.26 0.00 N | 28.50 -2.96 -0.11 N | 25.11 -2.48 -0.34 N | 28.43 -2.87 0.00 N | |
| NM_ST_REGIS___HYD 24053 | 37.36 -1.39 0.00 N | 8.83 -0.34 0.00 N | 34.56 -0.84 0.00 N | 30.91 -0.62 0.00 N | 33.39 -0.58 0.00 N | 30.51 -0.75 0.00 N | 34.72 -1.03 0.00 N | 26.47 -0.77 0.00 N | 42.95 -1.07 0.00 N | 40.87 -1.08 0.00 N | 43.17 -1.57 0.00 N | 57.70 -2.01 0.00 N | 59.02 -2.07 0.00 N | 30.36 -0.99 0.00 N | -70.65 0.66 0.00 N | 85.47 -1.72 0.00 N | 48.81 -0.29 0.00 N | 34.22 -0.21 0.00 N | 36.47 -0.61 0.00 N | 33.27 -0.77 0.00 N | 33.64 -0.98 0.00 N | 29.85 -1.49 0.00 N | 25.89 -1.36 0.00 N | 30.68 -0.62 0.00 N | |
| NORTHPORT___1 23551 | 47.53 4.33 -4.45 N | 46.53 1.10 -36.27 N | 43.11 4.40 -3.31 N | 41.59 3.94 -6.12 N | 40.96 4.26 -2.74 N | 48.00 3.91 -12.82 N | 55.52 4.89 -14.88 N | 110.13 3.43 -79.46 N | 57.96 5.40 -8.54 N | 60.96 5.36 -13.65 N | 60.13 5.46 -9.93 N | 69.77 6.92 -3.15 N | 68.30 6.81 -0.41 N | 204.02 2.73 -169.94 N | 260.56 -5.18 -337.05 N | 209.20 6.72 -115.30 N | 53.10 4.00 0.00 N | 37.05 2.62 0.00 N | 40.21 3.13 0.00 N | 39.42 3.15 -2.22 N | 41.40 3.88 -2.90 N | 36.30 3.56 -1.40 N | 33.74 3.33 -3.16 N | 37.35 3.71 -2.32 N | |
| NORTHPORT___2 23552 | 47.53 4.33 -4.45 N | 46.53 1.10 -36.27 N | 43.11 4.40 -3.31 N | 41.59 3.94 -6.12 N | 40.96 4.26 -2.74 N | 48.00 3.91 -12.82 N | 55.52 4.89 -14.88 N | 110.13 3.43 -79.46 N | 57.96 5.40 -8.54 N | 60.96 5.36 -13.65 N | 60.13 5.46 -9.93 N | 69.77 6.92 -3.15 N | 68.30 6.81 -0.41 N | 204.02 2.73 -169.94 N | 260.56 -5.18 -337.05 N | 209.20 6.72 -115.30 N | 53.10 4.00 0.00 N | 37.05 2.62 0.00 N | 40.21 3.13 0.00 N | 39.42 3.15 -2.22 N | 41.40 3.88 -2.90 N | 36.30 3.56 -1.40 N | 33.74 3.33 -3.16 N | 37.35 3.71 -2.32 N | |
| NORTHPORT___3 23553 | 47.50 4.30 -4.45 N | 46.55 1.11 -36.27 N | 43.25 4.54 -3.31 N | 41.67 4.02 -6.12 N | 41.02 4.31 -2.73 N | 48.05 3.96 -12.82 N | 55.41 4.78 -14.88 N | 109.99 3.28 -79.46 N | 57.85 5.29 -8.54 N | 60.88 5.28 -13.65 N | 60.17 5.50 -9.93 N | 69.86 7.00 -3.15 N | 68.40 6.91 -0.41 N | 204.12 2.83 -169.94 N | 260.35 -5.39 -337.05 N | 209.62 7.14 -115.30 N | 53.15 4.05 0.00 N | 37.08 2.65 0.00 N | 40.18 3.10 0.00 N | 39.38 3.12 -2.22 N | 41.30 3.77 -2.90 N | 36.20 3.45 -1.40 N | 33.76 3.34 -3.16 N | 37.40 3.77 -2.32 N | |
| NORTHPORT___4 23650 | 47.50 4.30 -4.45 N | 46.55 1.11 -36.27 N | 43.25 4.54 -3.31 N | 41.67 4.02 -6.12 N | 41.02 4.31 -2.73 N | 48.05 3.96 -12.82 N | 55.41 4.78 -14.88 N | 109.99 3.28 -79.46 N | 57.85 5.29 -8.54 N | 60.88 5.28 -13.65 N | 60.17 5.50 -9.93 N | 69.86 7.00 -3.15 N | 68.40 6.91 -0.41 N | 204.12 2.83 -169.94 N | 260.35 -5.39 -337.05 N | 209.62 7.14 -115.30 N | 53.15 4.05 0.00 N | 37.08 2.65 0.00 N | 40.18 3.10 0.00 N | 39.38 3.12 -2.22 N | 41.30 3.77 -2.90 N | 36.20 3.45 -1.40 N | 33.76 3.34 -3.16 N | 37.40 3.77 -2.32 N | |
| NORTHPORT___IC | 47.53 | 46.53 | 43.11 | 41.59 | 40.96 | 48.00 | 55.52 | 110.13 | 57.96 | 60.96 | 60.13 | 69.77 | 68.30 | 204.02 | 260.56 | 209.20 | 53.10 | 37.05 | 40.21 | 39.42 | 41.40 | 36.30 | 33.74 | 37.35 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 23718 | 4.33 -4.45 N | 1.10 -36.27 N | 4.40 -3.31 N | 3.94 -6.12 N | 4.26 -2.74 N | 3.91 -12.82 N | 4.89 -14.88 N | 3.43 -79.46 N | 5.40 -8.54 N | 5.36 -13.65 N | 5.46 -9.93 N | 6.92 -3.15 N | 6.81 -0.41 N | 2.73 -169.94 N | -5.18 -337.05 N | 6.72 -115.30 N | 4.00 0.00 N | 2.62 0.00 N | 3.13 0.00 N | 3.15 -2.22 N | 3.88 -2.90 N | 3.56 -1.40 N | 3.33 -3.16 N | 3.71 -2.32 N |
| NPX_GEN_1385_PROXY 323591 | 37.84 3.92 8.73 N | 46.42 0.98 -36.27 N | 42.81 4.10 -3.31 N | 41.37 3.72 -6.12 N | 40.71 4.01 -2.74 N | 47.78 3.69 -12.82 N | 55.46 4.83 -14.88 N | 110.11 3.41 -79.46 N | 57.34 4.78 -8.54 N | 61.33 3.84 -24.23 N | 59.49 4.83 -9.93 N | 68.91 6.05 -3.15 N | 67.41 5.92 -0.41 N | 203.57 2.28 -169.94 N | 62.46 3.96 -11.43 N | 207.91 5.43 -115.30 N | 52.44 3.34 0.00 N | 36.57 2.14 0.00 N | 39.68 2.61 0.00 N | 45.22 2.63 -4.54 N | 37.92 2.60 -1.57 N | 35.85 3.10 -1.40 N | 33.35 2.94 -3.16 N | 36.89 3.26 -2.32 N |
| NPX_GEN_CSC 323557 | 38.53 4.61 8.73 N | 46.65 1.22 -36.27 N | 43.68 4.97 -3.31 N | 42.07 4.41 -6.12 N | 41.49 4.77 -2.75 N | 48.50 4.41 -12.82 N | 56.08 5.45 -14.88 N | 110.42 3.72 -79.46 N | 58.39 5.83 -8.54 N | 62.30 4.81 -24.23 N | 60.54 5.87 -9.93 N | 69.35 6.49 -3.15 N | 67.72 6.23 -0.41 N | 203.68 2.39 -169.94 N | 62.66 4.15 -11.43 N | 208.39 5.91 -115.30 N | 52.74 3.64 0.00 N | 36.78 2.36 0.00 N | 40.02 2.94 0.00 N | 45.40 2.82 -4.54 N | 38.24 2.91 -1.57 N | 36.90 4.15 -1.40 N | 34.16 3.75 -3.16 N | 37.63 3.99 -2.34 N |
| NSINS_S_GLNS_FALLS 23858 | 47.49 3.24 -5.51 N | 57.20 0.77 -47.26 N | 40.31 2.91 -1.99 N | 33.93 2.39 0.00 N | 39.77 2.52 -3.29 N | 48.06 2.55 -14.23 N | 49.66 2.93 -10.98 N | 133.08 2.28 -103.56 N | 57.92 3.95 -9.95 N | 45.73 3.64 -0.13 N | 48.73 3.78 -0.21 N | 65.27 5.56 0.00 N | 67.66 6.05 -0.53 N | 48.63 2.72 -14.56 N | -47.26 -4.84 -28.89 N | 102.89 5.82 -9.88 N | 52.28 3.18 0.00 N | 36.83 2.41 0.00 N | 40.32 3.24 0.00 N | 37.10 3.07 0.00 N | 37.84 3.21 0.00 N | 35.55 2.97 -1.23 N | 33.33 2.45 -3.62 N | 33.66 2.35 0.00 N |
| NUCOR_STEEL___DRP 24197 | 39.13 -0.10 -0.49 N | 13.46 0.09 -4.21 N | 35.54 -0.04 -0.18 N | 31.46 -0.08 0.00 N | 34.03 -0.23 -0.29 N | 32.35 -0.19 -1.27 N | 36.66 -0.07 -0.98 N | 36.61 0.15 -9.22 N | 45.02 0.12 -0.89 N | 42.38 0.42 -0.01 N | 45.31 0.56 -0.02 N | 60.47 0.76 0.00 N | 62.03 0.89 -0.05 N | 32.02 0.67 0.00 N | -73.69 -2.38 0.00 N | 90.03 2.84 0.00 N | 49.68 0.58 0.00 N | 35.04 0.61 0.00 N | 37.79 0.71 0.00 N | 34.44 0.40 0.00 N | 34.88 0.26 0.00 N | 31.78 0.33 -0.10 N | 28.05 0.48 -0.31 N | 31.57 0.27 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 38.74 0.00 0.00 N | 9.17 0.00 0.00 N | 35.40 0.00 0.00 N | 31.53 0.00 0.00 N | 33.97 0.00 0.00 N | 31.27 0.00 0.00 N | 35.75 0.00 0.00 N | 27.24 0.00 0.00 N | 44.01 0.00 0.00 N | 41.95 0.00 0.00 N | 44.74 0.00 0.00 N | 59.71 0.00 0.00 N | 61.09 0.00 0.00 N | 31.35 0.00 0.00 N | -71.31 0.00 0.00 N | 87.19 0.00 0.00 N | 49.10 0.00 0.00 N | 34.43 0.00 0.00 N | 37.08 0.00 0.00 N | 34.04 0.00 0.00 N | 34.62 0.00 0.00 N | 31.35 0.00 0.00 N | 27.25 0.00 0.00 N | 31.31 0.00 0.00 N |
| NYPA_BRENTWD____GT 24164 | 48.24 5.05 -4.45 N | 46.69 1.26 -36.27 N | 43.72 5.02 -3.31 N | 42.10 4.45 -6.12 N | 41.53 4.80 -2.76 N | 48.53 4.44 -12.82 N | 56.13 5.50 -14.88 N | 110.65 3.95 -79.46 N | 58.94 6.38 -8.54 N | 61.90 6.29 -13.65 N | 61.25 6.58 -9.93 N | 71.10 8.24 -3.15 N | 69.62 8.13 -0.41 N | 204.70 3.41 -169.94 N | 258.91 -6.83 -337.05 N | 211.12 8.63 -115.30 N | 54.13 5.03 0.00 N | 37.77 3.34 0.00 N | 41.07 3.99 0.00 N | 40.20 3.94 -2.22 N | 42.27 4.74 -2.90 N | 37.04 4.29 -1.40 N | 34.34 3.93 -3.16 N | 37.96 4.29 -2.36 N |
| NYPA_GOWANUS____GT5 24156 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.55 5.52 -131.02 N | 253.32 5.35 -206.01 N | 277.52 5.69 -227.09 N | 271.44 7.22 -204.50 N | 271.84 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.90 7.93 -306.78 N | 292.64 4.14 -239.40 N | 196.38 2.75 -159.20 N | 191.12 3.04 -151.00 N | 195.80 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.25 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.46 -144.06 N |
| NYPA_GOWANUS____GT6 24157 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.55 5.52 -131.02 N | 253.32 5.35 -206.01 N | 277.52 5.69 -227.09 N | 271.44 7.22 -204.50 N | 271.84 7.13 -203.63 N | 235.45 3.17 -200.92 N | 394.12 -6.20 -471.63 N | 401.90 7.93 -306.78 N | 292.64 4.14 -239.40 N | 196.38 2.75 -159.20 N | 191.12 3.04 -151.00 N | 195.80 3.12 -158.65 N | 195.82 3.34 -157.86 N | 195.81 3.25 -161.21 N | 195.77 3.05 -165.47 N | 178.83 3.46 -144.06 N |
| NYPA_HARLEM__RVR__GT1 24160 | 47.50 4.53 -4.22 N | 46.52 1.09 -36.26 N | 41.12 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.88 3.69 -10.92 N | 48.73 4.56 -8.42 N | 110.08 3.40 -79.45 N | 57.08 5.43 -7.63 N | 47.30 5.25 -0.10 N | 50.52 5.62 -0.16 N | 66.84 7.13 0.00 N | 68.34 6.85 -0.41 N | 175.10 2.92 -140.83 N | 260.05 -5.37 -336.73 N | 208.84 7.34 -114.32 N | 52.95 3.85 0.00 N | 36.98 2.55 0.00 N | 39.94 2.86 0.00 N | 37.04 3.00 0.00 N | 37.89 3.26 0.00 N | 35.43 3.14 -0.94 N | 33.04 3.01 -2.78 N | 34.75 3.45 0.00 N |
| NYPA_HARLEM__RVR__GT2 24161 | 47.50 4.53 -4.22 N | 46.52 1.09 -36.26 N | 41.12 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.88 3.69 -10.92 N | 48.73 4.56 -8.42 N | 110.08 3.40 -79.45 N | 57.08 5.43 -7.63 N | 47.30 5.25 -0.10 N | 50.52 5.62 -0.16 N | 66.84 7.13 0.00 N | 68.34 6.85 -0.41 N | 175.10 2.92 -140.83 N | 260.05 -5.37 -336.73 N | 208.84 7.34 -114.32 N | 52.95 3.85 0.00 N | 36.98 2.55 0.00 N | 39.94 2.86 0.00 N | 37.04 3.00 0.00 N | 37.89 3.26 0.00 N | 35.43 3.14 -0.94 N | 33.04 3.01 -2.78 N | 34.75 3.45 0.00 N |
| NYPA_KENT____GT 24152 | 121.14 4.65 -77.74 N | 134.49 1.11 -124.21 N | 138.12 4.27 -98.45 N | 102.69 3.72 -67.43 N | 57.97 3.99 -20.02 N | 45.95 3.76 -10.93 N | 49.22 4.62 -8.85 N | 110.11 3.42 -79.45 N | 59.07 5.42 -9.64 N | 47.31 5.26 -0.10 N | 50.50 5.60 -0.16 N | 66.83 7.11 0.00 N | 68.76 6.98 -0.69 N | 204.32 3.08 -169.88 N | 259.65 -5.98 -336.94 N | 210.17 7.73 -115.26 N | 46.40 4.00 6.70 N | 31.53 2.66 5.55 N | 40.04 2.96 0.00 N | 37.08 3.04 0.00 N | 37.92 3.29 0.00 N | 35.50 3.21 -0.94 N | 33.07 3.03 -2.78 N | 34.74 3.43 0.00 N |
| NYPA_POUCH1____GT 24155 | 183.38 4.84 -139.79 N | 193.96 1.16 -183.63 N | 201.90 4.44 -162.06 N | 147.08 3.86 -111.68 N | 69.49 4.02 -31.50 N | 45.98 3.78 -10.93 N | 160.14 4.67 -119.72 N | 188.50 3.46 -157.80 N | 180.50 5.47 -131.02 N | 253.27 5.30 -206.01 N | 277.50 5.67 -227.09 N | 271.48 7.27 -204.50 N | 271.90 7.19 -203.63 N | 235.49 3.21 -200.92 N | 393.99 -6.33 -471.63 N | 402.21 8.24 -306.78 N | 292.80 4.30 -239.40 N | 196.47 2.84 -159.20 N | 191.19 3.11 -151.00 N | 195.83 3.14 -158.65 N | 195.84 3.36 -157.86 N | 195.82 3.27 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N |
| NYPA_VERNON____GT2 24162 | 72.77 4.54 -29.48 N | 76.74 1.09 -66.48 N | 74.40 4.17 -34.83 N | 58.35 3.64 -23.17 N | 46.41 3.91 -8.53 N | 45.86 3.67 -10.92 N | 48.84 4.52 -8.57 N | 110.03 3.34 -79.45 N | 57.65 5.31 -8.33 N | 47.22 5.17 -0.10 N | 50.39 5.49 -0.16 N | 66.68 6.97 0.00 N | 68.41 6.82 -0.50 N | 204.26 3.03 -169.89 N | 259.80 -5.84 -336.94 N | 210.01 7.56 -115.26 N | 50.70 3.90 2.30 N | 35.11 2.59 1.91 N | 39.98 2.90 0.00 N | 37.03 3.00 0.00 N | 37.89 3.26 0.00 N | 35.47 3.18 -0.94 N | 33.04 3.00 -2.78 N | 34.70 3.39 0.00 N |

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| NYPA_VERNON____GT3 24163 | 72.77 4.54 -29.48 N | 76.74 1.09 -66.48 N | 74.40 4.17 -34.83 N | 58.35 3.64 -23.17 N | 46.41 3.91 -8.53 N | 45.86 3.67 -10.92 N | 48.84 4.52 -8.57 N | 110.03 3.34 -79.45 N | 57.65 5.31 -8.33 N | 47.22 5.17 -0.10 N | 50.39 5.49 -0.16 N | 66.68 6.97 0.00 N | 68.41 6.82 -0.50 N | 204.26 3.03 -169.89 N | 259.80 5.84 -336.94 N | 210.01 7.56 -115.26 N | 50.70 3.90 2.30 N | 35.11 2.59 1.91 N | 39.98 2.90 0.00 N | 37.03 3.00 0.00 N | 37.89 3.26 0.00 N | 35.47 3.18 -0.94 N | 33.04 3.00 -2.78 N | 34.70 3.39 0.00 N |
| NYPA____ASTORIA_CC1 323568 | 47.47 4.50 -4.22 N | 46.50 1.08 -36.26 N | 41.07 4.14 -1.53 N | 35.16 3.62 -0.01 N | 40.36 3.88 -2.52 N | 45.83 3.64 -10.92 N | 48.66 4.48 -8.42 N | 109.98 3.30 -79.45 N | 56.91 5.26 -7.63 N | 47.17 5.12 -0.10 N | 53.66 5.45 -3.48 N | 66.60 6.88 0.00 N | 68.18 6.69 -0.41 N | 204.18 2.94 -169.89 N | 260.02 -5.61 -336.94 N | 209.77 7.32 -115.26 N | 52.91 3.81 0.00 N | 36.95 2.52 0.00 N | 39.89 2.81 0.00 N | 36.97 2.94 0.00 N | 37.85 3.22 0.00 N | 35.43 3.14 -0.94 N | 33.01 2.98 -2.78 N | 34.68 3.37 0.00 N |
| NYPA____ASTORIA_CC2 323569 | 47.47 4.50 -4.22 N | 46.50 1.08 -36.26 N | 41.07 4.14 -1.53 N | 35.16 3.62 -0.01 N | 40.36 3.88 -2.52 N | 45.83 3.64 -10.92 N | 48.66 4.48 -8.42 N | 109.98 3.30 -79.45 N | 56.91 5.26 -7.63 N | 47.17 5.12 -0.10 N | 53.66 5.45 -3.48 N | 66.60 6.88 0.00 N | 68.18 6.69 -0.41 N | 204.18 2.94 -169.89 N | 260.02 -5.61 -336.94 N | 209.77 7.32 -115.26 N | 52.91 3.81 0.00 N | 36.95 2.52 0.00 N | 39.89 2.81 0.00 N | 36.97 2.94 0.00 N | 37.85 3.22 0.00 N | 35.43 3.14 -0.94 N | 33.01 2.98 -2.78 N | 34.68 3.37 0.00 N |
| NYPA____HOLTSVILL 23794 | 47.78 4.59 -4.45 N | 46.61 1.18 -36.27 N | 43.46 4.75 -3.31 N | 41.87 4.22 -6.12 N | 41.27 4.56 -2.75 N | 48.30 4.20 -12.82 N | 55.84 5.21 -14.88 N | 110.38 3.68 -79.46 N | 58.44 5.89 -8.54 N | 61.55 5.95 -13.65 N | 60.65 5.98 -9.93 N | 70.15 7.29 -3.15 N | 68.44 6.94 -0.41 N | 204.01 2.72 -169.94 N | 260.40 -5.35 -337.05 N | 209.22 6.74 -115.30 N | 53.17 4.07 0.00 N | 37.13 2.70 0.00 N | 40.47 3.39 0.00 N | 39.70 3.44 -2.22 N | 41.94 4.41 -2.90 N | 36.75 4.00 -1.40 N | 34.10 3.69 -3.16 N | 37.64 3.99 -2.34 N |
| NYPA____HELLGATE_GT1 24158 | 47.50 4.53 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.88 3.69 -10.92 N | 48.73 4.56 -8.42 N | 110.08 3.40 -79.45 N | 57.08 5.43 -7.63 N | 47.30 5.25 -0.10 N | 50.52 5.62 -0.16 N | 66.84 7.13 0.00 N | 68.32 6.82 -0.41 N | 202.73 2.92 -168.45 N | 255.89 -5.37 -332.57 N | 190.69 7.34 -96.16 N | 52.95 3.85 0.00 N | 36.98 2.55 0.00 N | 39.91 2.83 0.00 N | 37.03 3.00 0.00 N | 37.89 3.26 0.00 N | 35.43 3.14 -0.94 N | 33.04 3.01 -2.78 N | 34.75 3.45 0.00 N |
| NYPA____HELLGATE_GT2 24159 | 47.50 4.53 -4.22 N | 46.52 1.09 -36.26 N | 41.13 4.20 -1.53 N | 35.17 3.63 -0.01 N | 40.40 3.91 -2.52 N | 45.88 3.69 -10.92 N | 48.73 4.56 -8.42 N | 110.08 3.40 -79.45 N | 57.08 5.43 -7.63 N | 47.30 5.25 -0.10 N | 50.52 5.62 -0.16 N | 66.84 7.13 0.00 N | 68.32 6.82 -0.41 N | 202.73 2.92 -168.45 N | 255.89 -5.37 -332.57 N | 190.69 7.34 -96.16 N | 52.95 3.85 0.00 N | 36.98 2.55 0.00 N | 39.91 2.83 0.00 N | 37.03 3.00 0.00 N | 37.89 3.26 0.00 N | 35.43 3.14 -0.94 N | 33.04 3.01 -2.78 N | 34.75 3.45 0.00 N |
| NYS_BARGE____HYD 23848 | 36.27 -3.06 -0.58 N | 13.44 -0.73 -0.50 N | 32.69 -2.92 -0.21 N | 28.93 -2.61 0.00 N | 31.74 -2.57 -0.35 N | 30.19 -2.59 -1.51 N | 33.48 -3.43 -1.16 N | 35.75 -2.44 -0.95 N | 40.55 -4.51 -1.05 N | 38.00 -3.97 -0.01 N | 40.66 -4.10 -0.02 N | 53.99 -5.72 0.00 N | 55.40 -5.75 -0.06 N | 29.13 -2.23 0.00 N | -67.53 3.78 0.00 N | 82.08 -5.11 0.00 N | 45.42 -3.69 0.00 N | 32.35 -2.09 0.00 N | 34.43 -2.65 0.00 N | 31.52 -2.52 0.00 N | 31.93 -2.69 0.00 N | 28.98 -2.48 -0.11 N | 25.51 -2.08 -0.33 N | 28.83 -2.47 0.00 N |
| O.H_GEN_BRUCE 24063 | 30.60 -3.32 8.73 N | 13.25 -0.87 -4.94 N | 32.21 -3.40 -0.21 N | 28.50 -3.03 0.00 N | 31.26 -3.05 -0.34 N | 29.71 -3.05 -1.49 N | 32.88 -4.02 -1.15 N | 35.13 -2.94 -10.83 N | 39.71 -5.35 -1.04 N | 29.00 -3.70 0.57 N | 39.72 -5.04 -0.02 N | 52.69 -7.02 0.00 N | 39.00 -6.23 16.54 N | 28.41 -2.93 0.00 N | 42.95 -4.10 0.02 N | 80.14 -7.05 0.00 N | 44.48 -4.62 0.00 N | 31.69 -2.74 0.00 N | 33.76 -3.32 0.00 N | 38.62 -3.96 -4.54 N | 32.40 -2.92 -1.57 N | 28.40 -3.05 -0.11 N | 25.01 -2.57 -0.33 N | 28.35 -2.96 0.00 N |
| OAK_ORCHARD____HYD 24046 | 37.80 -1.42 -0.48 N | 12.93 -0.35 -4.11 N | 34.07 -1.50 -0.17 N | 30.12 -1.42 0.00 N | 32.83 -1.42 -0.29 N | 31.13 -1.38 -1.24 N | 34.99 -1.72 -0.95 N | 35.14 -1.10 -9.00 N | 42.90 -1.98 -0.86 N | 40.37 -1.59 -0.01 N | 43.17 -1.58 -0.02 N | 57.51 -2.20 0.00 N | 58.97 -2.17 -0.05 N | 30.67 -0.67 0.00 N | -70.58 0.72 0.00 N | 86.13 -1.06 0.00 N | 48.08 -1.02 0.00 N | 33.98 -0.45 0.00 N | 36.33 -0.75 0.00 N | 33.20 -0.84 0.00 N | 33.68 -0.95 0.00 N | 30.53 -0.92 -0.10 N | 26.68 -0.85 -0.29 N | 30.15 -1.15 0.00 N |
| OCC_CHEM____DRP 24175 | 35.84 -3.50 -0.60 N | 13.46 -0.83 -5.12 N | 32.36 -3.25 -0.22 N | 28.63 -2.90 0.00 N | 31.43 -2.89 -0.36 N | 29.92 -2.90 -1.54 N | 33.09 -3.86 -1.19 N | 35.63 -2.82 -11.21 N | 39.92 -5.18 -1.08 N | 37.33 -4.64 -0.01 N | 39.86 -4.90 -0.02 N | 52.89 -6.82 0.00 N | 54.29 -6.85 -0.06 N | 28.58 -2.77 0.00 N | -66.40 4.91 0.00 N | 80.57 -6.62 0.00 N | 44.70 -4.40 0.00 N | 31.85 -2.58 0.00 N | 33.91 -3.17 0.00 N | 31.03 -3.01 0.00 N | 31.43 -3.20 0.00 N | 28.56 -2.90 -0.12 N | 25.16 -2.43 -0.34 N | 28.48 -2.83 0.00 N |
| OLIN_CORP_DRP 24177 | 35.98 -3.37 -0.60 N | 13.55 -0.80 -5.18 N | 32.45 -3.16 -0.22 N | 28.72 -2.82 0.00 N | 31.53 -2.80 -0.36 N | 30.02 -2.81 -1.56 N | 33.23 -3.73 -1.20 N | 35.89 -2.69 -11.34 N | 40.15 -4.95 -1.09 N | 37.56 -4.41 -0.01 N | 40.16 -4.60 -0.02 N | 53.32 -6.39 0.00 N | 54.73 -6.42 -0.06 N | 28.78 -2.57 0.00 N | -66.84 4.47 0.00 N | 81.11 -6.08 0.00 N | 44.94 -4.16 0.00 N | 31.99 -2.43 0.00 N | 34.07 -3.01 0.00 N | 31.20 -2.84 0.00 N | 31.61 -3.01 0.00 N | 28.71 -2.75 -0.12 N | 25.29 -2.30 -0.34 N | 28.62 -2.69 0.00 N |
| ONONDAGA_REF_OCCRA 23987 | 39.21 0.08 -0.38 N | 12.45 0.02 -3.26 N | 35.51 -0.03 -0.14 N | 31.49 -0.04 0.00 N | 34.13 -0.07 -0.23 N | 32.22 -0.03 -0.98 N | 36.56 0.06 -0.76 N | 34.54 0.17 -7.13 N | 45.01 0.31 -0.68 N | 42.39 0.43 -0.01 N | 45.31 0.56 -0.01 N | 60.51 0.80 0.00 N | 61.96 0.83 -0.04 N | 31.86 0.51 0.00 N | -72.56 -1.25 0.00 N | 88.80 1.61 0.00 N | 49.80 0.70 0.00 N | 34.96 0.53 0.00 N | 37.61 0.53 0.00 N | 34.46 0.43 0.00 N | 35.03 0.41 0.00 N | 31.84 0.41 -0.08 N | 27.82 0.33 -0.24 N | 31.53 0.22 0.00 N |
| ONONDAGA____COGEN 23986 | 39.11 -0.03 -0.39 N | 12.53 0.00 -3.37 N | 35.42 -0.12 -0.14 N | 31.40 -0.14 0.00 N | 34.05 -0.15 -0.23 N | 32.17 -0.11 -1.01 N | 36.47 -0.06 -0.78 N | 34.68 0.07 -7.38 N | 44.82 0.10 -0.71 N | 42.17 0.21 -0.01 N | 45.03 0.28 -0.01 N | 60.14 0.43 0.00 N | 61.59 0.46 -0.04 N | 31.69 0.34 0.00 N | -72.13 -0.82 0.00 N | 88.29 1.10 0.00 N | 49.56 0.45 0.00 N | 34.81 0.38 0.00 N | 37.44 0.36 0.00 N | 34.34 0.30 0.00 N | 34.90 0.28 0.00 N | 31.71 0.27 -0.08 N | 27.73 0.23 -0.25 N | 31.43 0.12 0.00 N |
| ONTARIO____LFGE 23819 | 38.77 -0.52 -0.55 N | 13.83 -0.09 -4.75 N | 35.01 -0.58 -0.20 N | 31.01 -0.53 0.00 N | 33.72 -0.58 -0.33 N | 32.12 -0.58 -1.43 N | 36.26 -0.60 -1.10 N | 37.39 -0.25 -10.40 N | 44.48 -0.53 -1.00 N | 41.70 -0.26 -0.01 N | 44.66 -0.10 -0.02 N | 59.58 -0.13 0.00 N | 61.15 0.01 -0.05 N | 31.62 0.27 0.00 N | -72.15 -0.84 0.00 N | 88.38 1.19 0.00 N | 48.75 -0.35 0.00 N | 34.45 0.03 0.00 N | 37.01 -0.07 0.00 N | 33.97 -0.07 0.00 N | 34.51 -0.11 0.00 N | 31.36 -0.11 -0.12 N | 27.66 -0.07 -0.34 N | 31.23 -0.08 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| OSWEGATCHIE___HYD 24044 | 38.49 -0.26 0.00 N | 9.09 -0.08 0.00 N | 35.36 -0.03 0.00 N | 31.58 0.04 0.00 N | 34.05 0.08 0.00 N | 31.24 -0.03 0.00 N | 35.71 -0.05 0.00 N | 27.33 0.09 0.00 N | 44.34 0.32 0.00 N | 42.28 0.33 0.00 N | 44.73 -0.01 0.00 N | 59.86 0.14 0.00 N | 61.24 0.15 0.00 N | 31.48 0.13 0.00 N | -72.36 -1.05 0.00 N | 88.01 0.82 0.00 N | 49.72 0.61 0.00 N | 34.86 0.44 0.00 N | 37.42 0.34 0.00 N | 34.26 0.22 0.00 N | 34.76 0.14 0.00 N | 31.08 -0.27 0.00 N | 26.93 -0.33 0.00 N | 31.51 0.21 0.00 N | | |
| OSWEGO___5 23606 | 38.29 -0.75 -0.30 N | 11.55 -0.17 -2.55 N | 34.77 -0.74 -0.11 N | 30.87 -0.66 0.00 N | 33.44 -0.71 -0.18 N | 31.39 -0.65 -0.77 N | 35.59 -0.75 -0.59 N | 32.34 -0.49 -5.59 N | 43.72 -0.83 -0.54 N | 41.24 -0.72 -0.01 N | 44.04 -0.70 -0.01 N | 58.77 -0.94 0.00 N | 60.17 -0.95 -0.03 N | 30.93 -0.42 0.00 N | -70.43 0.88 0.00 N | 86.24 -0.95 0.00 N | 48.49 -0.61 0.00 N | 34.05 -0.38 0.00 N | 36.64 -0.44 0.00 N | 33.62 -0.42 0.00 N | 34.18 -0.44 0.00 N | 31.02 -0.40 -0.07 N | 27.09 -0.35 -0.19 N | 30.82 -0.48 0.00 N | | |
| OSWEGO___6 23613 | 38.29 -0.75 -0.30 N | 11.55 -0.17 -2.55 N | 34.77 -0.74 -0.11 N | 30.87 -0.66 0.00 N | 33.44 -0.71 -0.18 N | 31.39 -0.65 -0.77 N | 35.59 -0.75 -0.59 N | 32.34 -0.49 -5.59 N | 43.72 -0.83 -0.54 N | 41.24 -0.72 -0.01 N | 44.04 -0.70 -0.01 N | 58.77 -0.94 0.00 N | 60.17 -0.95 -0.03 N | 30.93 -0.42 0.00 N | -70.43 0.88 0.00 N | 86.24 -0.95 0.00 N | 48.49 -0.61 0.00 N | 34.05 -0.38 0.00 N | 36.64 -0.44 0.00 N | 33.62 -0.42 0.00 N | 34.18 -0.44 0.00 N | 31.02 -0.40 -0.07 N | 27.09 -0.35 -0.19 N | 30.82 -0.48 0.00 N | | |
| OUTOKUMPU-AB___DRP 24206 | 36.63 -2.72 -0.61 N | 13.73 -0.66 -5.22 N | 32.98 -2.63 -0.22 N | 29.19 -2.35 0.00 N | 32.04 -2.29 -0.36 N | 30.52 -2.32 -1.57 N | 33.88 -3.09 -1.21 N | 36.49 -2.19 -11.44 N | 41.00 -4.11 -1.10 N | 38.38 -3.59 -0.02 N | 41.08 -3.68 0.00 N | 54.60 -5.11 0.00 N | 56.08 -5.07 -0.06 N | 29.47 -1.88 0.00 N | -68.25 3.05 0.00 N | 82.93 -4.26 0.00 N | 45.84 -3.26 0.00 N | 32.63 -1.80 0.00 N | 34.74 -2.34 0.00 N | 31.81 -2.23 0.00 N | 32.24 -2.38 0.00 N | 29.27 -2.19 -0.12 N | 25.77 -1.83 -0.35 N | 29.14 -2.16 0.00 N | | |
| OXBOW___ 24026 | 36.37 -2.98 -0.60 N | 13.62 -0.71 -5.17 N | 32.78 -2.84 -0.22 N | 29.00 -2.53 0.00 N | 31.83 -2.49 -0.36 N | 30.31 -2.52 -1.56 N | 33.59 -3.36 -1.20 N | 36.16 -2.41 -11.33 N | 40.61 -4.49 -1.09 N | 38.01 -3.96 -0.01 N | 40.66 -4.10 -0.02 N | 54.00 -5.71 0.00 N | 55.45 -5.69 -0.06 N | 29.16 -2.18 0.00 N | -67.69 3.62 0.00 N | 82.15 -5.03 0.00 N | 45.49 -3.61 0.00 N | 32.39 -2.04 0.00 N | 34.49 -2.59 0.00 N | 31.56 -2.48 0.00 N | 31.98 -2.64 0.00 N | 29.04 -2.43 -0.12 N | 25.56 -2.03 -0.34 N | 28.92 -2.39 0.00 N | | |
| PEEKSKILL___ 23653 | 46.90 3.96 -4.19 N | 46.09 0.95 -35.96 N | 40.54 3.62 -1.52 N | 34.67 3.13 0.00 N | 39.85 3.38 -2.50 N | 45.27 3.17 -10.83 N | 47.99 3.89 -8.35 N | 108.95 2.91 -78.80 N | 56.18 4.59 -7.57 N | 46.47 4.42 -0.10 N | 49.59 4.70 -0.16 N | 65.86 6.14 0.00 N | 67.71 6.23 -0.40 N | 201.60 2.89 -167.36 N | 254.91 -5.71 -331.92 N | 207.90 7.16 -113.54 N | 52.66 3.56 0.00 N | 36.79 2.36 0.00 N | 39.74 2.66 0.00 N | 36.74 2.70 0.00 N | 37.58 2.96 0.00 N | 35.14 2.86 -0.94 N | 32.68 2.68 -2.76 N | 34.25 2.95 0.00 N | | |
| PGE MADISON___WINDPWR 24146 | 41.71 1.76 -1.20 N | 20.00 0.50 -10.33 N | 37.43 1.59 -0.44 N | 33.55 2.01 0.00 N | 36.96 2.27 -0.72 N | 36.58 2.20 -3.11 N | 40.98 2.83 -2.40 N | 52.40 2.52 -22.64 N | 50.34 4.15 -2.18 N | 46.08 4.10 -0.03 N | 49.37 4.59 -0.05 N | 65.99 6.28 0.00 N | 67.65 6.45 -0.12 N | 40.03 3.42 -5.26 N | -69.09 -8.21 -10.43 N | 100.32 9.56 -3.57 N | 53.18 4.08 0.00 N | 37.32 2.90 0.00 N | 40.35 3.27 0.00 N | 36.96 2.92 0.00 N | 37.49 2.87 0.00 N | 34.28 2.66 -0.27 N | 30.27 2.23 -0.79 N | 33.38 2.08 0.00 N | | |
| PIERCEFIELD___HYD 23852 | 37.22 -1.52 0.00 N | 8.80 -0.37 0.00 N | 34.52 -0.88 0.00 N | 30.87 -0.67 0.00 N | 33.29 -0.67 0.00 N | 30.39 -0.88 0.00 N | 34.57 -1.19 0.00 N | 26.31 -0.93 0.00 N | 42.68 -1.34 0.00 N | 40.61 -1.34 0.00 N | 42.76 -1.97 0.00 N | 57.13 -2.58 0.00 N | 58.44 -2.65 0.00 N | 30.08 -1.27 0.00 N | -70.13 1.18 0.00 N | 85.07 -2.11 0.00 N | 48.44 -0.67 0.00 N | 33.91 -0.52 0.00 N | 36.18 -0.90 0.00 N | 33.03 -1.01 0.00 N | 33.45 -1.18 0.00 N | 29.66 -1.69 0.00 N | 25.74 -1.51 0.00 N | 30.66 -0.65 0.00 N | | |
| PINELAWN_CC_1 323563 | 48.24 5.05 -4.45 N | 46.68 1.24 -36.27 N | 43.63 4.93 -3.31 N | 41.99 4.34 -6.12 N | 41.48 4.67 -2.84 N | 48.43 4.33 -12.82 N | 55.93 5.30 -14.88 N | 110.46 3.76 -79.46 N | 58.40 5.85 -8.54 N | 61.33 5.73 -13.65 N | 60.56 5.89 -9.93 N | 70.49 7.63 -3.15 N | 69.10 7.61 -0.41 N | 204.52 3.24 -169.94 N | 259.34 -6.40 -337.05 N | 210.68 8.20 -115.30 N | 53.71 4.61 0.00 N | 37.43 3.00 0.00 N | 40.51 3.43 0.00 N | 39.66 3.40 -2.22 N | 41.56 4.03 -2.90 N | 36.44 3.69 -1.40 N | 33.90 3.49 -3.16 N | 37.67 3.89 -2.47 N | | |
| PJM_GEN_KEystone 24065 | 36.15 2.24 8.73 N | 34.64 -0.54 -26.01 N | 34.39 -2.11 -1.10 N | 29.83 -1.70 0.00 N | 34.26 -1.52 -1.81 N | 37.47 -1.63 -7.83 N | 39.98 -1.82 -6.04 N | 82.82 -1.40 -56.98 N | 46.68 -2.82 -5.48 N | 38.95 1.34 -4.35 N | 42.92 -1.93 -0.11 N | 56.98 -2.73 0.00 N | 64.88 2.81 -0.30 N | 136.74 -1.53 -106.91 N | 55.50 1.87 -6.56 N | 44.99 0.64 -14.55 N | 40.00 1.33 -0.06 N | 35.00 1.17 16.92 N | 34.24 -2.84 0.00 N | 43.21 0.63 -4.54 N | 36.18 0.85 -1.57 N | 29.86 -2.15 -0.66 N | 27.65 -1.55 -1.95 N | 29.73 -1.58 0.00 N | | |
| PJM_GEN_NEPTUNE_PROXY 323594 | 38.56 4.64 8.73 N | 46.53 1.09 -36.27 N | 43.05 4.34 -3.31 N | 41.45 3.80 -6.12 N | 40.72 4.07 -2.69 N | 47.86 3.77 -12.82 N | 55.26 4.63 -14.88 N | 110.02 3.32 -79.46 N | 57.93 5.37 -8.54 N | 61.65 4.16 -24.23 N | 60.13 5.46 -9.93 N | 69.98 7.12 -3.15 N | 68.57 7.07 -0.41 N | 204.29 3.00 -169.94 N | 63.40 4.89 -11.43 N | 210.13 7.65 -115.30 N | 53.32 4.22 0.00 N | 37.19 2.76 0.00 N | 40.24 3.16 0.00 N | 45.85 3.26 -4.54 N | 38.43 3.10 -1.57 N | 36.18 3.43 -1.40 N | 33.64 3.23 -3.16 N | 37.16 3.60 -2.26 N | | |
| PLEASANTVLY___LBMP 24000 | 46.74 3.63 -4.37 N | 47.57 0.87 -37.53 N | 40.31 3.33 -1.58 N | 34.41 2.88 0.00 N | 39.66 3.09 -2.61 N | 45.48 2.90 -11.30 N | 47.99 3.52 -8.71 N | 112.12 2.66 -82.22 N | 56.13 4.21 -7.90 N | 46.11 4.06 -0.10 N | 49.21 4.31 -0.16 N | 65.39 5.68 0.00 N | 67.29 5.79 -0.42 N | 218.54 2.69 -184.51 N | 289.35 -5.28 -365.93 N | 218.98 6.62 -125.18 N | 52.44 3.34 0.00 N | 36.63 2.21 0.00 N | 39.62 2.54 0.00 N | 36.58 2.54 0.00 N | 37.40 2.78 0.00 N | 35.01 2.68 -0.98 N | 32.62 2.49 -2.88 N | 34.01 2.71 0.00 N | | |
| POLETTI___ 23519 | 47.36 4.39 -4.22 N | 46.49 1.06 -36.26 N | 40.96 4.03 -1.53 N | 35.03 3.49 0.00 N | 40.27 3.78 -2.52 N | 45.76 3.57 -10.92 N | 48.55 4.38 -8.42 N | 109.93 3.25 -79.44 N | 56.75 5.10 -7.63 N | 46.99 4.94 -0.10 N | 50.14 5.25 -0.16 N | 66.50 6.79 0.00 N | 68.26 6.77 -0.41 N | 204.30 3.07 -169.89 N | 259.57 -6.07 -336.94 N | 210.17 7.72 -115.26 N | 53.01 3.91 0.00 N | 37.06 2.63 0.00 N | 40.04 2.96 0.00 N | 37.07 3.03 0.00 N | 37.87 3.25 0.00 N | 35.41 3.12 -0.94 N | 32.96 2.93 -2.78 N | 34.56 3.25 0.00 N | | |
| PORT_JEFF_3 | 47.97 | 46.66 | 43.63 | 42.02 | 41.44 | 48.45 | 56.01 | 110.50 | 58.70 | 61.82 | 60.78 | 70.15 | 68.38 | 204.01 | 260.33 | 209.20 | 53.40 | 37.31 | 40.61 | 39.82 | 42.11 | 36.89 | 34.26 | 37.80 | | |

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| 23555 | 4.77 -4.45 N | 1.22 -36.27 N | 4.93 -3.31 N | 4.37 -6.12 N | 4.73 -2.75 N | 4.36 -12.82 N | 5.38 -14.88 N | 3.80 -79.46 N | 6.14 -8.54 N | 6.22 -13.65 N | 6.11 -9.93 N | 7.29 -3.15 N | 6.89 -0.41 N | 2.72 -169.94 N | -5.42 -337.05 N | 6.72 -115.30 N | 4.30 0.00 N | 2.88 0.00 N | 3.53 0.00 N | 3.56 -2.22 N | 4.59 -2.90 N | 4.15 -1.40 N | 3.84 -3.16 N | 4.15 -2.34 N |
| PORT_JEFF_4 23616 | 47.97 4.77 -4.45 N | 46.66 1.22 -36.27 N | 43.63 4.93 -3.31 N | 42.02 4.37 -6.12 N | 41.44 4.73 -2.75 N | 48.45 4.36 -12.82 N | 56.01 5.38 -14.88 N | 110.50 3.80 -79.46 N | 58.70 6.14 -8.54 N | 61.82 6.22 -13.65 N | 60.78 6.11 -9.93 N | 70.15 7.29 -3.15 N | 68.38 6.89 -0.41 N | 204.01 2.72 -169.94 N | 260.33 -5.42 -337.05 N | 209.20 6.72 -115.30 N | 53.40 4.30 0.00 N | 37.31 2.88 0.00 N | 40.61 3.53 0.00 N | 39.82 3.56 -2.22 N | 42.11 4.59 -2.90 N | 36.89 4.15 -1.40 N | 34.26 3.84 -3.16 N | 37.80 4.15 -2.34 N |
| PORT_JEFF_IC 23713 | 48.11 4.92 -4.45 N | 46.69 1.26 -36.27 N | 43.77 5.06 -3.31 N | 42.13 4.48 -6.12 N | 41.56 4.84 -2.75 N | 48.55 4.46 -12.82 N | 56.14 5.51 -14.88 N | 110.61 3.91 -79.46 N | 58.89 6.33 -8.54 N | 62.01 6.41 -13.65 N | 60.82 6.15 -9.93 N | 70.25 7.39 -3.15 N | 68.50 7.01 -0.41 N | 204.08 2.79 -169.94 N | 259.94 -5.80 -337.05 N | 209.45 6.97 -115.30 N | 53.47 4.37 0.00 N | 37.34 2.92 0.00 N | 40.66 3.58 0.00 N | 39.85 3.59 -2.22 N | 42.15 4.63 -2.90 N | 36.94 4.19 -1.40 N | 34.38 3.96 -3.16 N | 37.92 4.27 -2.34 N |
| PPL PILGRIM_ST_GT1 24216 | 48.24 5.05 -4.45 N | 46.69 1.26 -36.27 N | 43.72 5.02 -3.31 N | 42.10 4.45 -6.12 N | 41.53 4.80 -2.76 N | 48.53 4.44 -12.82 N | 56.13 5.50 -14.88 N | 110.65 3.95 -79.46 N | 58.94 6.38 -8.54 N | 61.90 6.29 -13.65 N | 61.25 6.58 -9.93 N | 71.10 8.24 -3.15 N | 69.62 8.13 -0.41 N | 204.70 3.41 -169.94 N | 258.91 -6.83 -337.05 N | 211.12 8.63 -115.30 N | 54.13 5.03 0.00 N | 37.77 3.34 0.00 N | 41.07 3.99 0.00 N | 40.20 3.94 -2.22 N | 42.27 4.74 -2.90 N | 37.04 4.29 -1.40 N | 34.34 3.93 -3.16 N | 37.96 4.29 -2.36 N |
| PPL PILGRIM_ST_GT2 24217 | 48.24 5.05 -4.45 N | 46.69 1.26 -36.27 N | 43.72 5.02 -3.31 N | 42.10 4.45 -6.12 N | 41.53 4.80 -2.76 N | 48.53 4.44 -12.82 N | 56.13 5.50 -14.88 N | 110.65 3.95 -79.46 N | 58.94 6.38 -8.54 N | 61.90 6.29 -13.65 N | 61.25 6.58 -9.93 N | 71.10 8.24 -3.15 N | 69.62 8.13 -0.41 N | 204.70 3.41 -169.94 N | 258.91 -6.83 -337.05 N | 211.12 8.63 -115.30 N | 54.13 5.03 0.00 N | 37.77 3.34 0.00 N | 41.07 3.99 0.00 N | 40.20 3.94 -2.22 N | 42.27 4.74 -2.90 N | 37.04 4.29 -1.40 N | 34.34 3.93 -3.16 N | 37.96 4.29 -2.36 N |
| PPL_SHRM_GT3 24213 | 47.61 4.42 -4.45 N | 46.64 1.20 -36.27 N | 43.62 4.92 -3.31 N | 42.02 4.36 -6.12 N | 41.43 4.72 -2.75 N | 48.45 4.36 -12.82 N | 56.02 5.39 -14.88 N | 110.39 3.69 -79.46 N | 58.34 5.78 -8.54 N | 61.58 5.98 -13.65 N | 60.29 5.62 -9.93 N | 68.51 5.66 -3.15 N | 66.83 5.33 -0.41 N | 203.20 1.91 -169.94 N | 262.11 -3.63 -337.05 N | 207.16 4.67 -115.30 N | 52.06 2.96 0.00 N | 36.33 1.90 0.00 N | 39.55 2.47 0.00 N | 38.94 2.68 -2.22 N | 42.15 4.62 -2.90 N | 36.88 4.14 -1.40 N | 34.14 3.73 -3.16 N | 37.61 3.96 -2.34 N |
| PPL_SHRM_GT4 24214 | 47.61 4.42 -4.45 N | 46.64 1.20 -36.27 N | 43.62 4.92 -3.31 N | 42.02 4.36 -6.12 N | 41.43 4.72 -2.75 N | 48.45 4.36 -12.82 N | 56.02 5.39 -14.88 N | 110.39 3.69 -79.46 N | 58.34 5.78 -8.54 N | 61.58 5.98 -13.65 N | 60.29 5.62 -9.93 N | 68.51 5.66 -3.15 N | 66.83 5.33 -0.41 N | 203.20 1.91 -169.94 N | 262.11 -3.63 -337.05 N | 207.16 4.67 -115.30 N | 52.06 2.96 0.00 N | 36.33 1.90 0.00 N | 39.55 2.47 0.00 N | 38.94 2.68 -2.22 N | 42.15 4.62 -2.90 N | 36.88 4.14 -1.40 N | 34.14 3.73 -3.16 N | 37.61 3.96 -2.34 N |
| PROJECT___ORANGE 1 24174 | 39.06 -0.01 -0.33 N | 12.01 -0.01 -2.85 N | 35.39 -0.13 -0.12 N | 31.40 -0.13 0.00 N | 34.02 -0.14 -0.20 N | 32.02 -0.10 -0.86 N | 36.36 -0.05 -0.66 N | 33.57 0.09 -6.24 N | 44.75 0.14 -0.60 N | 42.24 0.28 -0.01 N | 45.15 0.40 -0.01 N | 60.30 0.59 0.00 N | 61.75 0.63 -0.03 N | 31.76 0.41 0.00 N | -72.19 -0.89 0.00 N | 88.46 1.27 0.00 N | 49.67 0.58 0.00 N | 34.87 0.43 0.00 N | 37.48 0.41 0.00 N | 34.36 0.32 0.00 N | 34.92 0.30 0.00 N | 31.72 0.30 -0.07 N | 27.69 0.22 -0.21 N | 31.43 0.12 0.00 N |
| PROJECT___ORANGE 2 24166 | 39.06 -0.01 -0.33 N | 12.01 -0.01 -2.85 N | 35.39 -0.13 -0.12 N | 31.40 -0.13 0.00 N | 34.02 -0.14 -0.20 N | 32.02 -0.10 -0.86 N | 36.36 -0.05 -0.66 N | 33.57 0.09 -6.24 N | 44.75 0.14 -0.60 N | 42.24 0.28 -0.01 N | 45.15 0.40 -0.01 N | 60.30 0.59 0.00 N | 61.75 0.63 -0.03 N | 31.76 0.41 0.00 N | -72.19 -0.89 0.00 N | 88.46 1.27 0.00 N | 49.67 0.58 0.00 N | 34.87 0.43 0.00 N | 37.48 0.41 0.00 N | 34.36 0.32 0.00 N | 34.92 0.30 0.00 N | 31.72 0.30 -0.07 N | 27.69 0.22 -0.21 N | 31.43 0.12 0.00 N |
| PYRITES___HYD 24023 | 37.54 -1.20 0.00 N | 8.87 -0.30 0.00 N | 34.76 -0.63 0.00 N | 31.06 -0.47 0.00 N | 33.50 -0.46 0.00 N | 30.59 -0.68 0.00 N | 34.80 -0.95 0.00 N | 26.51 -0.73 0.00 N | 43.00 -1.01 0.00 N | 41.01 -0.94 0.00 N | 43.27 -1.46 0.00 N | 57.80 -1.91 0.00 N | 59.11 -1.98 0.00 N | 30.41 -0.94 0.00 N | -70.83 0.48 0.00 N | 85.97 -1.22 0.00 N | 48.89 -0.21 0.00 N | 34.28 -0.15 0.00 N | 36.58 -0.50 0.00 N | 33.39 -0.66 0.00 N | 33.80 -0.83 0.00 N | 29.97 -1.37 0.00 N | 25.99 -1.26 0.00 N | 30.87 -0.44 0.00 N |
| RAMAPO___LBMP 323565 | 46.79 3.95 -4.09 N | 45.26 0.95 -35.14 N | 40.49 3.61 -1.48 N | 34.66 3.12 0.00 N | 39.78 3.37 -2.44 N | 45.00 3.14 -10.58 N | 47.77 3.86 -8.16 N | 107.10 2.87 -76.99 N | 55.90 4.48 -7.40 N | 46.33 4.28 -0.09 N | 49.42 4.53 -0.15 N | 65.64 5.93 0.00 N | 67.53 6.05 -0.39 N | 193.50 2.84 -159.31 N | 239.09 -5.56 -315.96 N | 202.30 7.03 -108.08 N | 52.52 3.42 0.00 N | 36.71 2.28 0.00 N | 39.63 2.55 0.00 N | 36.62 2.59 0.00 N | 37.50 2.87 0.00 N | 35.04 2.78 -0.91 N | 32.56 2.61 -2.70 N | 34.20 2.90 0.00 N |
| RANKINE____ 23646 | 36.45 -2.95 -0.65 N | 14.04 -0.71 -5.58 N | 32.80 -2.83 -0.23 N | 29.02 -2.51 0.00 N | 31.89 -2.46 -0.39 N | 30.46 -2.49 -1.68 N | 33.81 -3.24 -1.30 N | 37.15 -2.31 -12.23 N | 40.90 -4.29 -1.18 N | 38.17 -3.80 -0.02 N | 40.87 -3.89 -0.02 N | 54.37 -5.34 0.00 N | 55.86 -5.29 -0.06 N | 29.27 -2.08 0.00 N | -67.54 3.77 0.00 N | 82.11 -5.07 0.00 N | 45.30 -3.80 0.00 N | 32.27 -2.16 0.00 N | 34.41 -2.67 0.00 N | 31.55 -2.48 0.00 N | 32.03 -2.59 0.00 N | 29.11 -2.36 -0.12 N | 25.67 -1.94 -0.36 N | 29.04 -2.27 0.00 N |
| RAVENSWOOD_GT2_1 24244 | 47.38 4.41 -4.22 N | 46.49 1.06 -36.26 N | 40.97 4.04 -1.53 N | 35.03 3.50 0.00 N | 40.27 3.78 -2.52 N | 45.75 3.56 -10.92 N | 48.55 4.38 -8.42 N | 109.94 3.26 -79.45 N | 56.79 5.13 -7.63 N | 47.03 4.98 -0.10 N | 50.18 5.29 -0.16 N | 66.54 6.83 0.00 N | 68.29 6.80 -0.41 N | 204.32 3.08 -169.89 N | 259.58 -6.06 -336.95 N | 210.13 7.68 -115.26 N | 52.98 3.88 0.00 N | 37.05 2.62 0.00 N | 40.03 2.95 0.00 N | 37.04 3.01 0.00 N | 37.89 3.26 0.00 N | 35.45 3.16 -0.94 N | 33.00 2.97 -2.78 N | 34.62 3.31 0.00 N |
| RAVENSWOOD_GT2_2 24245 | 47.38 4.41 -4.22 N | 46.49 1.06 -36.26 N | 40.97 4.04 -1.53 N | 35.03 3.50 0.00 N | 40.27 3.78 -2.52 N | 45.75 3.56 -10.92 N | 48.55 4.38 -8.42 N | 109.94 3.26 -79.45 N | 56.79 5.13 -7.63 N | 47.03 4.98 -0.10 N | 50.18 5.29 -0.16 N | 66.54 6.83 0.00 N | 68.29 6.80 -0.41 N | 204.32 3.08 -169.89 N | 259.58 -6.06 -336.95 N | 210.13 7.68 -115.26 N | 52.98 3.88 0.00 N | 37.05 2.62 0.00 N | 40.03 2.95 0.00 N | 37.04 3.01 0.00 N | 37.89 3.26 0.00 N | 35.45 3.16 -0.94 N | 33.00 2.97 -2.78 N | 34.62 3.31 0.00 N |

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| RAVENSWOOD_GT2_3 24246 | 47.41 4.45 -4.22 N | 46.50 1.07 -36.26 N | 41.00 4.08 -1.53 N | 35.07 3.53 0.00 N | 40.30 3.81 -2.52 N | 45.79 3.60 -10.92 N | 48.59 4.42 -8.42 N | 109.98 3.29 -79.45 N | 56.84 5.19 -7.63 N | 47.08 5.03 -0.10 N | 50.23 5.34 -0.16 N | 66.61 6.90 0.00 N | 68.37 6.87 -0.41 N | 204.37 3.13 -169.89 N | 259.37 -6.27 -336.95 N | 209.78 7.33 -115.26 N | 52.93 3.83 0.00 N | 37.09 2.67 0.00 N | 40.07 2.98 0.00 N | 37.09 3.05 0.00 N | 37.93 3.30 0.00 N | 35.48 3.19 -0.94 N | 33.03 3.00 -2.78 N | 34.65 3.34 0.00 N |
| RAVENSWOOD_GT2_4 24247 | 47.41 4.45 -4.22 N | 46.50 1.07 -36.26 N | 41.00 4.08 -1.53 N | 35.07 3.53 0.00 N | 40.30 3.81 -2.52 N | 45.79 3.60 -10.92 N | 48.59 4.42 -8.42 N | 109.98 3.29 -79.45 N | 56.84 5.19 -7.63 N | 47.08 5.03 -0.10 N | 50.23 5.34 -0.16 N | 66.61 6.90 0.00 N | 68.37 6.87 -0.41 N | 204.37 3.13 -169.89 N | 259.37 -6.27 -336.95 N | 209.78 7.33 -115.26 N | 52.93 3.83 0.00 N | 37.09 2.67 0.00 N | 40.07 2.98 0.00 N | 37.09 3.05 0.00 N | 37.93 3.30 0.00 N | 35.48 3.19 -0.94 N | 33.03 3.00 -2.78 N | 34.65 3.34 0.00 N |
| RAVENSWOOD_GT3_1 24248 | 47.38 4.41 -4.22 N | 46.49 1.06 -36.26 N | 40.97 4.04 -1.53 N | 35.04 3.50 0.00 N | 40.27 3.78 -2.52 N | 45.76 3.57 -10.92 N | 48.55 4.38 -8.42 N | 109.95 3.26 -79.45 N | 56.80 5.15 -7.63 N | 47.03 4.98 -0.10 N | 50.18 5.29 -0.16 N | 66.54 6.83 0.00 N | 68.30 6.81 -0.41 N | 204.33 3.09 -169.89 N | 259.62 -6.02 -336.95 N | 209.96 7.51 -115.26 N | 52.89 3.79 0.00 N | 36.97 2.54 0.00 N | 40.03 2.95 0.00 N | 37.05 3.01 0.00 N | 37.89 3.27 0.00 N | 35.45 3.16 -0.94 N | 33.01 2.97 -2.78 N | 34.62 3.31 0.00 N |
| RAVENSWOOD_GT3_2 24249 | 47.38 4.41 -4.22 N | 46.49 1.06 -36.26 N | 40.97 4.04 -1.53 N | 35.04 3.50 0.00 N | 40.27 3.78 -2.52 N | 45.76 3.57 -10.92 N | 48.55 4.38 -8.42 N | 109.95 3.26 -79.45 N | 56.80 5.15 -7.63 N | 47.03 4.98 -0.10 N | 50.18 5.29 -0.16 N | 66.54 6.83 0.00 N | 68.30 6.81 -0.41 N | 204.33 3.09 -169.89 N | 259.62 -6.02 -336.95 N | 209.96 7.51 -115.26 N | 52.89 3.79 0.00 N | 36.97 2.54 0.00 N | 40.03 2.95 0.00 N | 37.05 3.01 0.00 N | 37.89 3.27 0.00 N | 35.45 3.16 -0.94 N | 33.01 2.97 -2.78 N | 34.62 3.31 0.00 N |
| RAVENSWOOD_GT3_3 24250 | 47.46 4.49 -4.22 N | 46.51 1.08 -36.26 N | 41.04 4.11 -1.53 N | 35.10 3.56 0.00 N | 40.33 3.85 -2.52 N | 45.82 3.63 -10.92 N | 48.64 4.46 -8.42 N | 110.01 3.32 -79.45 N | 56.89 5.24 -7.63 N | 47.14 5.09 -0.10 N | 50.30 5.41 -0.16 N | 66.69 6.98 0.00 N | 68.44 6.95 -0.41 N | 204.41 3.17 -169.89 N | 259.35 -6.29 -336.95 N | 210.27 7.82 -115.26 N | 53.07 3.97 0.00 N | 37.08 2.66 0.00 N | 40.12 3.04 0.00 N | 37.13 3.09 0.00 N | 37.96 3.34 0.00 N | 35.51 3.22 -0.94 N | 33.06 3.03 -2.78 N | 34.68 3.37 0.00 N |
| RAVENSWOOD_GT3_4 24251 | 47.46 4.49 -4.22 N | 46.51 1.08 -36.26 N | 41.04 4.11 -1.53 N | 35.10 3.56 0.00 N | 40.33 3.85 -2.52 N | 45.82 3.63 -10.92 N | 48.64 4.46 -8.42 N | 110.01 3.32 -79.45 N | 56.89 5.24 -7.63 N | 47.14 5.09 -0.10 N | 50.30 5.41 -0.16 N | 66.69 6.98 0.00 N | 68.44 6.95 -0.41 N | 204.41 3.17 -169.89 N | 259.35 -6.29 -336.95 N | 210.27 7.82 -115.26 N | 53.07 3.97 0.00 N | 37.08 2.66 0.00 N | 40.12 3.04 0.00 N | 37.13 3.09 0.00 N | 37.96 3.34 0.00 N | 35.51 3.22 -0.94 N | 33.06 3.03 -2.78 N | 34.68 3.37 0.00 N |
| RAVENSWOOD_GT_1 23729 | 72.77 4.54 -29.48 N | 76.74 1.09 -66.48 N | 74.40 4.17 -34.83 N | 58.35 3.64 -23.17 N | 46.41 3.91 -8.53 N | 45.86 3.67 -10.92 N | 48.84 4.52 -8.57 N | 110.03 3.34 -79.45 N | 57.65 5.31 -8.33 N | 47.22 5.17 -0.10 N | 50.39 5.49 -0.16 N | 66.68 6.97 0.00 N | 68.41 6.82 -0.50 N | 204.26 3.03 -169.89 N | 259.80 -5.84 -336.94 N | 210.01 7.56 -115.26 N | 50.70 3.90 2.30 N | 35.11 2.59 1.91 N | 39.98 2.90 0.00 N | 37.03 3.00 0.00 N | 37.89 3.26 0.00 N | 35.47 3.18 -0.94 N | 33.04 3.00 -2.78 N | 34.70 3.39 0.00 N |
| RAVENSWOOD_GT_10 24258 | 50.29 4.40 -7.14 N | 49.97 1.06 -39.75 N | 44.81 4.04 -5.37 N | 37.70 3.50 -2.67 N | 40.96 3.78 -3.22 N | 45.75 3.56 -10.92 N | 48.57 4.38 -8.44 N | 109.94 3.26 -79.45 N | 56.86 5.13 -7.72 N | 47.03 4.98 -0.10 N | 50.18 5.29 -0.16 N | 66.54 6.83 0.00 N | 68.31 6.81 -0.42 N | 204.34 3.09 -169.89 N | 259.78 -5.86 -336.95 N | 209.97 7.52 -115.26 N | 52.76 3.92 0.27 N | 36.84 2.64 0.22 N | 40.04 2.96 0.00 N | 37.06 3.02 0.00 N | 37.89 3.27 0.00 N | 35.45 3.16 -0.94 N | 33.01 2.97 -2.78 N | 34.62 3.31 0.00 N |
| RAVENSWOOD_GT_11 24259 | 50.29 4.40 -7.14 N | 49.97 1.06 -39.75 N | 44.81 4.04 -5.37 N | 37.70 3.50 -2.67 N | 40.96 3.78 -3.22 N | 45.75 3.56 -10.92 N | 48.57 4.38 -8.44 N | 109.94 3.26 -79.45 N | 56.86 5.13 -7.72 N | 47.03 4.98 -0.10 N | 50.18 5.29 -0.16 N | 66.54 6.83 0.00 N | 68.31 6.81 -0.42 N | 204.34 3.09 -169.89 N | 259.78 -5.86 -336.95 N | 209.97 7.52 -115.26 N | 52.76 3.92 0.27 N | 36.84 2.64 0.22 N | 40.04 2.96 0.00 N | 37.06 3.02 0.00 N | 37.89 3.27 0.00 N | 35.45 3.16 -0.94 N | 33.01 2.97 -2.78 N | 34.62 3.31 0.00 N |
| RAVENSWOOD_GT_4 24252 | 66.60 4.40 -23.46 N | 69.49 1.05 -59.27 N | 66.31 4.02 -26.89 N | 52.65 3.48 -17.64 N | 44.83 3.76 -7.10 N | 45.74 3.55 -10.92 N | 48.65 4.37 -8.53 N | 109.94 3.25 -79.45 N | 57.31 5.13 -8.16 N | 47.02 4.97 -0.10 N | 50.17 5.27 -0.16 N | 66.55 6.84 0.00 N | 68.40 6.83 -0.48 N | 204.36 3.12 -169.89 N | 259.42 -6.22 -336.95 N | 210.32 7.87 -115.26 N | 51.32 3.98 1.75 N | 35.63 2.66 1.45 N | 40.07 2.99 0.00 N | 37.08 3.04 0.00 N | 37.90 3.27 0.00 N | 35.46 3.16 -0.94 N | 33.00 2.97 -2.78 N | 34.61 3.30 0.00 N |
| RAVENSWOOD_GT_5 24254 | 66.60 4.40 -23.46 N | 69.49 1.05 -59.27 N | 66.31 4.02 -26.89 N | 52.65 3.48 -17.64 N | 44.83 3.76 -7.10 N | 45.74 3.55 -10.92 N | 48.65 4.37 -8.53 N | 109.94 3.25 -79.45 N | 57.31 5.13 -8.16 N | 47.02 4.97 -0.10 N | 50.17 5.27 -0.16 N | 66.55 6.84 0.00 N | 68.40 6.83 -0.48 N | 204.36 3.12 -169.89 N | 259.42 -6.22 -336.95 N | 210.32 7.87 -115.26 N | 51.32 3.98 1.75 N | 35.63 2.66 1.45 N | 40.07 2.99 0.00 N | 37.08 3.04 0.00 N | 37.90 3.27 0.00 N | 35.46 3.16 -0.94 N | 33.00 2.97 -2.78 N | 34.61 3.30 0.00 N |
| RAVENSWOOD_GT_6 24253 | 66.60 4.40 -23.46 N | 69.49 1.05 -59.27 N | 66.31 4.02 -26.89 N | 52.65 3.48 -17.64 N | 44.83 3.76 -7.10 N | 45.74 3.55 -10.92 N | 48.65 4.37 -8.53 N | 109.94 3.25 -79.45 N | 57.31 5.13 -8.16 N | 47.02 4.97 -0.10 N | 50.17 5.27 -0.16 N | 66.55 6.84 0.00 N | 68.40 6.83 -0.48 N | 204.36 3.12 -169.89 N | 259.42 -6.22 -336.95 N | 210.32 7.87 -115.26 N | 51.32 3.98 1.75 N | 35.63 2.66 1.45 N | 40.07 2.99 0.00 N | 37.08 3.04 0.00 N | 37.90 3.27 0.00 N | 35.46 3.16 -0.94 N | 33.00 2.97 -2.78 N | 34.61 3.30 0.00 N |
| RAVENSWOOD_GT_7 24255 | 66.60 4.40 -23.46 N | 69.49 1.05 -59.27 N | 66.31 4.02 -26.89 N | 52.65 3.48 -17.64 N | 44.83 3.76 -7.10 N | 45.74 3.55 -10.92 N | 48.65 4.37 -8.53 N | 109.94 3.25 -79.45 N | 57.31 5.13 -8.16 N | 47.02 4.97 -0.10 N | 50.17 5.27 -0.16 N | 66.55 6.84 0.00 N | 68.40 6.83 -0.48 N | 204.36 3.12 -169.89 N | 259.42 -6.22 -336.95 N | 210.32 7.87 -115.26 N | 51.32 3.98 1.75 N | 35.63 2.66 1.45 N | 40.07 2.99 0.00 N | 37.08 3.04 0.00 N | 37.90 3.27 0.00 N | 35.46 3.16 -0.94 N | 33.00 2.97 -2.78 N | 34.61 3.30 0.00 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 50.29 4.40 -7.14 N | 49.97 1.06 -39.75 N | 44.81 4.04 -5.37 N | 37.70 3.50 -2.67 N | 40.96 3.78 -3.22 N | 45.75 3.56 -10.92 N | 48.57 4.38 -8.44 N | 109.94 3.26 -79.45 N | 56.86 5.13 -7.72 N | 47.03 4.98 -0.10 N | 50.18 5.29 -0.16 N | 66.54 6.83 0.00 N | 68.31 6.81 -0.42 N | 204.34 3.09 -169.89 N | 259.78 -5.86 -336.95 N | 209.97 7.52 -115.26 N | 52.76 3.92 0.27 N | 36.84 2.64 0.22 N | 40.04 2.96 0.00 N | 37.06 3.02 0.00 N | 37.89 3.27 0.00 N | 35.45 3.16 -0.94 N | 33.01 2.97 -2.78 N | 34.62 3.31 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_GT_9 24257 | 50.29 4.40 -7.14 N | 49.97 1.06 -39.75 N | 44.81 4.04 -5.37 N | 37.70 3.50 -2.67 N | 40.96 3.78 -3.22 N | 45.75 3.56 -10.92 N | 48.57 4.38 -8.44 N | 109.94 3.26 -79.45 N | 56.86 5.13 -7.72 N | 47.03 4.98 -0.10 N | 50.18 5.29 -0.16 N | 66.54 6.83 0.00 N | 68.31 6.81 -0.42 N | 204.34 3.09 -169.89 N | 259.78 -5.86 -336.95 N | 209.97 7.52 -115.26 N | 52.76 3.92 0.27 N | 36.84 2.64 0.22 N | 40.04 2.96 0.00 N | 37.06 3.02 0.00 N | 37.89 3.27 0.00 N | 35.45 3.16 -0.94 N | 33.01 2.97 -2.78 N | 34.62 3.31 0.00 N | |
| RAVENSWOOD___1 23533 | 47.50 4.53 -4.22 N | 46.51 1.08 -36.26 N | 41.09 4.16 -1.53 N | 35.17 3.62 -0.01 N | 40.38 3.89 -2.52 N | 45.86 3.66 -10.92 N | 48.68 4.51 -8.42 N | 110.01 3.33 -79.45 N | 56.93 5.29 -7.63 N | 47.19 5.13 -0.10 N | 50.35 5.46 -0.16 N | 66.65 6.94 0.00 N | 68.29 6.79 -0.41 N | 204.25 3.01 -169.89 N | 259.79 -5.85 -336.94 N | 209.94 7.49 -115.26 N | 52.97 3.87 0.00 N | 36.99 2.56 0.00 N | 39.95 2.87 0.00 N | 37.02 2.98 0.00 N | 37.87 3.25 0.00 N | 35.46 3.17 -0.94 N | 33.03 2.99 -2.78 N | 34.68 3.38 0.00 N | |
| RAVENSWOOD___2 23534 | 47.42 4.45 -4.22 N | 46.49 1.06 -36.26 N | 41.01 4.09 -1.53 N | 35.10 3.56 -0.01 N | 40.31 3.82 -2.52 N | 45.79 3.60 -10.92 N | 48.59 4.42 -8.42 N | 109.89 3.21 -79.45 N | 56.71 5.06 -7.63 N | 46.98 4.93 -0.10 N | 50.06 5.16 -0.16 N | 66.23 6.52 0.00 N | 67.85 6.35 -0.41 N | 204.01 2.77 -169.89 N | 260.35 -5.29 -336.94 N | 209.23 6.79 -115.26 N | 52.62 3.53 0.00 N | 36.75 2.32 0.00 N | 39.71 2.63 0.00 N | 36.86 2.82 0.00 N | 37.76 3.14 0.00 N | 35.40 3.11 -0.94 N | 32.97 2.94 -2.78 N | 34.62 3.31 0.00 N | |
| RAVENSWOOD___3 23535 | 47.38 4.41 -4.22 N | 46.49 1.06 -36.26 N | 40.97 4.04 -1.53 N | 35.04 3.50 0.00 N | 40.27 3.78 -2.52 N | 45.76 3.57 -10.92 N | 48.55 4.38 -8.42 N | 109.95 3.26 -79.45 N | 56.80 5.15 -7.63 N | 47.03 4.98 -0.10 N | 50.18 5.29 -0.16 N | 66.54 6.83 0.00 N | 68.30 6.81 -0.41 N | 204.33 3.09 -169.89 N | 259.58 -6.06 -336.95 N | 210.23 7.78 -115.26 N | 53.03 3.93 0.00 N | 37.06 2.63 0.00 N | 40.03 2.95 0.00 N | 37.05 3.02 0.00 N | 37.89 3.27 0.00 N | 35.45 3.16 -0.94 N | 33.01 2.97 -2.78 N | 34.62 3.31 0.00 N | |
| RAVENSWOOD___4 23820 | 22.60 4.50 20.65 N | 16.75 1.08 -6.50 N | 8.27 4.14 31.26 N | 12.33 3.61 22.81 N | 34.45 3.88 3.40 N | 45.83 3.64 -10.92 N | 48.51 4.48 -8.28 N | 109.99 3.31 -79.44 N | 56.22 5.25 -6.96 N | 47.16 5.11 -0.16 N | 50.32 5.43 -0.16 N | 66.60 6.89 0.00 N | 68.15 6.75 -0.31 N | 204.23 2.99 -169.89 N | 259.87 -5.77 -336.95 N | 209.92 7.47 -115.26 N | 55.22 3.85 -2.27 N | 38.86 2.55 -1.88 N | 39.93 2.85 0.00 N | 37.00 2.96 0.00 N | 37.86 3.24 0.00 N | 35.45 3.16 -0.94 N | 33.02 2.98 -2.78 N | 34.67 3.36 0.00 N | |
| RCPL_TRUST___DRP 24196 | 47.42 4.46 -4.22 N | 46.50 1.07 -36.26 N | 41.00 4.07 -1.53 N | 35.06 3.52 0.00 N | 40.30 3.81 -2.52 N | 45.79 3.60 -10.92 N | 48.61 4.43 -8.42 N | 110.00 3.32 -79.44 N | 56.91 5.26 -7.63 N | 47.18 5.12 -0.10 N | 50.35 5.46 -0.16 N | 66.80 7.08 0.00 N | 68.60 7.10 -0.41 N | 204.49 3.26 -169.89 N | 259.14 -6.49 -336.94 N | 210.68 8.23 -115.26 N | 53.28 4.18 0.00 N | 37.21 2.78 0.00 N | 40.19 3.11 0.00 N | 37.18 3.14 0.00 N | 38.00 3.38 0.00 N | 35.54 3.25 -0.94 N | 33.05 3.02 -2.78 N | 34.65 3.35 0.00 N | |
| RENSSELAER___COGEN 23796 | 45.93 1.85 -5.34 N | 55.46 0.45 -45.83 N | 39.07 1.74 -1.94 N | 33.02 1.48 0.00 N | 38.70 1.54 -3.19 N | 46.59 1.52 -13.80 N | 48.17 1.77 -10.64 N | 129.08 1.42 -100.43 N | 55.96 2.29 -9.65 N | 44.25 2.17 -0.12 N | 47.29 2.35 -0.20 N | 62.95 3.24 0.00 N | 65.02 3.42 -0.51 N | 39.05 1.60 -6.11 N | -62.02 -2.82 -12.11 N | 94.96 3.63 -4.14 N | 50.96 1.86 0.00 N | 35.65 1.22 0.00 N | 38.63 1.55 0.00 N | 35.55 1.52 0.00 N | 36.25 1.63 0.00 N | 34.11 1.57 -1.19 N | 32.14 1.37 -3.52 N | 32.67 1.36 0.00 N | |
| REVERE_CPPR_DRP 24186 | 40.14 1.30 -0.09 N | 10.28 0.30 -0.81 N | 36.53 1.10 -0.03 N | 32.56 1.03 0.00 N | 35.13 1.11 -0.06 N | 32.60 1.09 -0.24 N | 37.34 1.40 -0.19 N | 30.30 1.30 -1.77 N | 46.42 2.23 -0.17 N | 44.27 2.32 0.00 N | 47.31 2.57 0.00 N | 63.28 3.57 0.00 N | 64.81 3.72 -0.01 N | 33.28 1.93 0.00 N | -75.42 -4.11 0.00 N | 92.12 4.93 0.00 N | 51.47 2.37 0.00 N | 36.12 1.69 0.00 N | 38.87 1.79 0.00 N | 35.64 1.60 0.00 N | 36.21 1.59 0.00 N | 32.75 1.40 0.00 N | 28.36 1.11 0.00 N | 32.54 1.23 0.00 N | |
| ROCHESTER_9_IC 23652 | 38.21 -1.01 -0.47 N | 13.00 -0.25 -4.08 N | 34.42 -1.15 -0.17 N | 30.43 -1.10 0.00 N | 33.16 -1.09 -0.28 N | 31.43 -1.07 -1.23 N | 35.37 -1.33 -0.95 N | 35.37 -0.80 -8.93 N | 43.39 -1.48 -0.86 N | 40.87 -1.09 -0.01 N | 43.74 -1.01 -0.02 N | 58.31 -1.40 0.00 N | 59.78 -1.35 -0.04 N | 31.11 -0.24 0.00 N | -71.57 -0.26 0.00 N | 87.43 0.24 0.00 N | 48.72 -0.39 0.00 N | 34.40 -0.03 0.00 N | 36.77 -0.31 0.00 N | 33.59 -0.44 0.00 N | 34.08 -0.54 0.00 N | 30.88 -0.56 -0.09 N | 26.97 -0.57 -0.28 N | 30.44 -0.86 0.00 N | |
| ROSETON___1 23587 | 46.49 3.54 -4.20 N | 46.11 0.85 -36.09 N | 40.17 3.25 -1.52 N | 34.35 2.82 0.00 N | 39.50 3.03 -2.51 N | 44.98 2.84 -10.87 N | 47.59 3.45 -8.38 N | 108.91 2.60 -79.08 N | 55.73 4.12 -7.60 N | 46.01 3.96 -0.10 N | 49.07 4.17 -0.16 N | 65.12 5.41 0.00 N | 66.99 5.50 -0.40 N | 196.23 2.55 -162.33 N | 245.66 -4.99 -321.96 N | 203.59 6.27 -110.13 N | 52.22 3.12 0.00 N | 36.50 2.07 0.00 N | 39.45 2.37 0.00 N | 36.43 2.40 0.00 N | 37.25 2.62 0.00 N | 34.86 2.57 -0.94 N | 32.42 2.40 -2.77 N | 33.94 2.63 0.00 N | |
| ROSETON___2 23588 | 46.49 3.54 -4.20 N | 46.11 0.85 -36.09 N | 40.17 3.25 -1.52 N | 34.35 2.82 0.00 N | 39.50 3.03 -2.51 N | 44.98 2.84 -10.87 N | 47.59 3.45 -8.38 N | 108.91 2.60 -79.08 N | 55.73 4.12 -7.60 N | 46.01 3.96 -0.10 N | 49.07 4.17 -0.16 N | 65.12 5.41 0.00 N | 66.99 5.50 -0.40 N | 196.23 2.55 -162.33 N | 245.66 -4.99 -321.96 N | 203.59 6.27 -110.13 N | 52.22 3.12 0.00 N | 36.50 2.07 0.00 N | 39.45 2.37 0.00 N | 36.43 2.40 0.00 N | 37.25 2.62 0.00 N | 34.86 2.57 -0.94 N | 32.42 2.40 -2.77 N | 33.94 2.63 0.00 N | |
| RUSSELL___1 23602 | 39.23 0.02 -0.47 N | 13.15 -0.05 -4.03 N | 35.09 -0.47 -0.17 N | 30.97 -0.57 0.00 N | 33.70 -0.55 -0.28 N | 31.98 -0.51 -1.22 N | 36.12 -0.57 -0.94 N | 36.05 -0.04 -8.84 N | 44.81 -0.06 -0.85 N | 42.43 0.47 -0.01 N | 45.48 0.72 -0.02 N | 60.62 0.91 0.00 N | 62.23 1.10 -0.04 N | 32.35 1.00 0.00 N | -74.35 -3.05 0.00 N | 90.67 3.49 0.00 N | 50.45 1.35 0.00 N | 35.64 1.22 0.00 N | 38.07 0.99 0.00 N | 34.72 0.68 0.00 N | 35.23 0.61 0.00 N | 31.86 0.42 -0.09 N | 27.71 0.18 -0.28 N | 31.17 -0.14 0.00 N | |
| RUSSELL___2 23532 | 39.23 0.02 -0.47 N | 13.15 -0.05 -4.03 N | 35.09 -0.47 -0.17 N | 30.97 -0.57 0.00 N | 33.70 -0.55 -0.28 N | 31.98 -0.51 -1.22 N | 36.12 -0.57 -0.94 N | 36.05 -0.04 -8.84 N | 44.81 -0.06 -0.85 N | 42.43 0.47 -0.01 N | 45.48 0.72 -0.02 N | 60.62 0.91 0.00 N | 62.23 1.10 -0.04 N | 32.35 1.00 0.00 N | -74.35 -3.05 0.00 N | 90.67 3.49 0.00 N | 50.45 1.35 0.00 N | 35.64 1.22 0.00 N | 38.07 0.99 0.00 N | 34.72 0.68 0.00 N | 35.23 0.61 0.00 N | 31.86 0.42 -0.09 N | 27.71 0.18 -0.28 N | 31.17 -0.14 0.00 N | |
| RUSSELL___3 | 38.52 | 13.05 | 34.62 | 30.59 | 33.33 | 31.61 | 35.60 | 35.61 | 43.82 | 41.32 | 44.22 | 58.92 | 60.43 | 31.44 | -72.28 | 88.25 | 49.23 | 34.78 | 37.17 | 33.95 | 34.45 | 31.19 | 27.21 | 30.70 | |

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| 23549 | -0.70 -0.47 N | -0.19 -4.07 N | -0.94 -0.17 N | -0.95 0.00 N | -0.92 -0.28 N | -0.89 -1.23 N | -1.09 -0.95 N | -0.55 -8.92 N | -1.05 -0.86 N | -0.64 -0.01 N | -0.54 -0.02 N | -0.79 0.00 N | -0.70 -0.04 N | 0.09 0.00 N | -0.97 0.00 N | 1.07 0.00 N | 0.13 0.00 N | 0.35 0.00 N | 0.09 0.00 N | -0.09 0.00 N | -0.17 0.00 N | -0.25 -0.09 N | -0.32 -0.28 N | -0.61 0.00 N |
| RUSSELL___4 23556 | 39.21 0.00 -0.47 N | 13.15 -0.06 -4.03 N | 35.08 -0.49 -0.17 N | 30.94 -0.59 0.00 N | 33.68 -0.56 -0.28 N | 31.97 -0.52 -1.22 N | 36.10 -0.59 -0.94 N | 36.03 -0.06 -8.94 N | 44.79 -0.08 -0.85 N | 42.40 0.44 -0.01 N | 45.43 0.68 -0.02 N | 60.56 0.85 0.00 N | 62.17 1.04 -0.04 N | 32.32 0.97 0.00 N | -74.28 -2.97 0.00 N | 90.60 3.41 0.00 N | 50.41 1.31 0.00 N | 35.62 1.19 0.00 N | 38.04 0.96 0.00 N | 34.70 0.66 0.00 N | 35.20 0.58 0.00 N | 31.83 0.39 -0.09 N | 27.69 0.15 -0.28 N | 31.16 -0.15 0.00 N |
| RUSSELL___STATION 23914 | 38.52 -0.70 -0.47 N | 13.05 -0.19 -4.07 N | 34.62 -0.94 -0.17 N | 30.59 -0.95 0.00 N | 33.33 -0.92 -0.28 N | 31.61 -0.89 -1.23 N | 35.60 -1.09 -0.95 N | 35.61 -0.55 -8.92 N | 43.82 -1.05 -0.86 N | 41.32 -0.64 -0.01 N | 44.22 -0.54 -0.02 N | 58.92 -0.79 0.00 N | 60.43 -0.70 -0.04 N | 31.44 0.09 0.00 N | -72.28 -0.97 0.00 N | 88.25 1.07 0.00 N | 49.23 0.13 0.00 N | 34.78 0.35 0.00 N | 37.17 0.09 0.00 N | 33.95 -0.09 0.00 N | 34.45 -0.17 0.00 N | 31.19 -0.25 -0.09 N | 27.21 -0.32 -0.28 N | 30.70 -0.61 0.00 N |
| S SALMON___HYD 24043 | 39.28 0.26 -0.27 N | 11.56 0.05 -2.34 N | 35.64 0.15 -0.10 N | 31.66 0.12 0.00 N | 34.28 0.15 -0.16 N | 32.14 0.17 -0.71 N | 36.58 0.28 -0.54 N | 32.74 0.37 -5.13 N | 45.10 0.59 -0.49 N | 42.65 0.70 -0.01 N | 45.54 0.79 -0.01 N | 60.88 1.16 0.00 N | 62.31 1.20 -0.03 N | 32.03 0.68 0.00 N | -72.86 -1.55 0.00 N | 89.06 1.87 0.00 N | 50.04 0.94 0.00 N | 35.14 0.71 0.00 N | 37.80 0.73 0.00 N | 34.69 0.65 0.00 N | 35.25 0.63 0.00 N | 31.93 0.53 -0.06 N | 27.79 0.36 -0.17 N | 31.64 0.34 0.00 N |
| SELKIRK___II 23799 | 45.53 1.47 -5.32 N | 55.24 0.36 -45.70 N | 38.70 1.38 -1.93 N | 32.73 1.19 0.00 N | 38.38 1.24 -3.18 N | 46.25 1.21 -13.76 N | 47.78 1.41 -10.61 N | 128.50 1.12 -100.14 N | 55.45 1.81 -9.62 N | 43.80 1.73 -0.12 N | 46.80 1.86 -0.20 N | 62.24 2.53 0.00 N | 64.22 2.62 -0.51 N | 32.56 1.21 0.00 N | -73.34 -2.04 0.00 N | 89.87 2.68 0.00 N | 50.43 1.33 0.00 N | 35.27 0.85 0.00 N | 38.18 1.10 0.00 N | 35.15 1.11 0.00 N | 35.84 1.22 0.00 N | 33.74 1.21 -1.19 N | 31.83 1.08 -3.51 N | 32.37 1.06 0.00 N |
| SELKIRK___I 23801 | 45.79 1.74 -5.30 N | 55.09 0.42 -45.49 N | 38.94 1.62 -1.92 N | 32.95 1.41 0.00 N | 38.61 1.48 -3.16 N | 46.38 1.41 -13.70 N | 47.87 1.55 -10.56 N | 128.12 1.21 -99.68 N | 55.52 1.93 -9.58 N | 43.93 1.85 -0.12 N | 46.92 1.98 -0.20 N | 62.37 2.66 0.00 N | 64.32 2.72 -0.51 N | 32.61 1.26 0.00 N | -73.48 -2.18 0.00 N | 90.08 2.89 0.00 N | 50.54 1.44 0.00 N | 35.36 0.93 0.00 N | 38.25 1.17 0.00 N | 35.22 1.18 0.00 N | 35.93 1.31 0.00 N | 33.80 1.27 -1.18 N | 31.89 1.15 -3.49 N | 32.49 1.18 0.00 N |
| SENECA OSWGO___HYD 24041 | 38.66 -0.40 -0.32 N | 11.79 -0.10 -2.72 N | 35.05 -0.46 -0.11 N | 31.10 -0.44 0.00 N | 33.69 -0.46 -0.19 N | 31.67 -0.42 -0.82 N | 35.95 -0.43 -0.63 N | 32.96 -0.23 -5.95 N | 44.20 -0.39 -0.57 N | 41.70 -0.26 -0.01 N | 44.54 -0.21 -0.01 N | 59.47 -0.25 0.00 N | 60.89 -0.22 -0.03 N | 31.31 -0.04 0.00 N | -71.21 0.10 0.00 N | 87.20 0.02 0.00 N | 49.03 -0.07 0.00 N | 34.42 -0.01 0.00 N | 37.02 -0.06 0.00 N | 33.98 -0.06 0.00 N | 34.54 -0.08 0.00 N | 31.36 -0.05 -0.07 N | 27.37 -0.08 -0.20 N | 31.10 -0.20 0.00 N |
| SENECA___ENERGY 23797 | 38.56 -0.68 -0.50 N | 13.32 -0.11 -4.26 N | 34.90 -0.67 -0.18 N | 30.91 -0.62 0.00 N | 33.57 -0.69 -0.30 N | 31.89 -0.67 -1.28 N | 36.05 -0.69 -0.99 N | 36.24 -0.34 -9.34 N | 44.16 -0.75 -0.90 N | 41.51 -0.45 -0.01 N | 44.42 -0.34 -0.02 N | 59.25 -0.46 0.00 N | 60.76 -0.38 -0.05 N | 31.37 0.02 0.00 N | -71.72 -0.41 0.00 N | 87.81 0.62 0.00 N | 48.68 -0.42 0.00 N | 34.33 -0.10 0.00 N | 36.91 -0.16 0.00 N | 33.83 -0.21 0.00 N | 34.36 -0.27 0.00 N | 31.23 -0.22 -0.10 N | 27.50 -0.06 -0.31 N | 31.05 -0.26 0.00 N |
| SHOEMAKER___GT 23640 | 45.98 3.37 -3.87 N | 43.19 0.81 -33.21 N | 39.87 3.07 -1.40 N | 34.19 2.66 0.00 N | 39.14 2.87 -2.31 N | 43.96 2.69 -10.00 N | 46.73 3.27 -7.71 N | 102.46 2.46 -72.76 N | 54.88 3.87 -6.99 N | 45.75 3.71 -0.09 N | 48.84 3.95 -0.14 N | 64.91 5.20 0.00 N | 66.77 5.31 -0.37 N | 175.77 2.49 -141.94 N | 205.28 -4.93 -281.51 N | 189.65 6.16 -96.30 N | 52.11 3.01 0.00 N | 36.44 2.01 0.00 N | 39.36 2.28 0.00 N | 36.34 2.30 0.00 N | 37.15 2.53 0.00 N | 34.65 2.44 -0.86 N | 32.06 2.26 -2.55 N | 33.80 2.49 0.00 N |
| SHOREHAM_IC_1 23715 | 47.61 4.42 -4.45 N | 46.64 1.20 -36.27 N | 43.62 4.92 -3.31 N | 42.02 4.36 -6.12 N | 41.43 4.72 -2.75 N | 48.45 4.36 -12.82 N | 56.02 5.39 -14.88 N | 110.39 3.69 -79.46 N | 58.34 5.78 -8.54 N | 61.58 5.98 -13.65 N | 60.29 5.62 -9.93 N | 68.51 5.66 -3.15 N | 66.83 5.33 -0.41 N | 203.20 1.91 -169.94 N | 262.11 -3.63 -337.05 N | 207.16 4.67 -115.30 N | 52.06 2.96 0.00 N | 36.33 1.90 0.00 N | 39.55 2.47 0.00 N | 38.94 2.68 -2.22 N | 42.15 4.62 -2.90 N | 36.88 4.14 -1.40 N | 34.14 3.73 -3.16 N | 37.61 3.96 -2.34 N |
| SHOREHAM_IC_2 23716 | 47.61 4.42 -4.45 N | 46.64 1.20 -36.27 N | 43.62 4.92 -3.31 N | 42.02 4.36 -6.12 N | 41.43 4.72 -2.75 N | 48.45 4.36 -12.82 N | 56.02 5.39 -14.88 N | 110.39 3.69 -79.46 N | 58.34 5.78 -8.54 N | 61.58 5.98 -13.65 N | 60.29 5.62 -9.93 N | 68.51 5.66 -3.15 N | 66.83 5.33 -0.41 N | 203.20 1.91 -169.94 N | 262.11 -3.63 -337.05 N | 207.16 4.67 -115.30 N | 52.06 2.96 0.00 N | 36.33 1.90 0.00 N | 39.55 2.47 0.00 N | 38.94 2.68 -2.22 N | 42.15 4.62 -2.90 N | 36.88 4.14 -1.40 N | 34.14 3.73 -3.16 N | 37.61 3.96 -2.34 N |
| SISSONVILLE___ 23735 | 37.22 -1.52 0.00 N | 8.80 -0.37 0.00 N | 34.52 -0.88 0.00 N | 30.87 -0.67 0.00 N | 33.29 -0.67 0.00 N | 30.39 -0.88 0.00 N | 34.57 -1.19 0.00 N | 26.31 -0.93 0.00 N | 42.68 -1.34 0.00 N | 40.61 -1.34 0.00 N | 42.76 -1.97 0.00 N | 57.13 -2.58 0.00 N | 58.44 -2.65 0.00 N | 30.08 -1.27 0.00 N | -70.13 1.18 0.00 N | 85.07 -2.11 0.00 N | 48.44 -0.67 0.00 N | 33.91 -0.52 0.00 N | 36.18 -0.90 0.00 N | 33.03 -1.01 0.00 N | 33.45 -1.18 0.00 N | 29.66 -1.69 0.00 N | 25.74 -1.51 0.00 N | 30.66 -0.65 0.00 N |
| SITHE_IND_GS1 24169 | 38.00 -1.00 -0.26 N | 11.17 -0.23 -2.23 N | 34.54 -0.95 -0.09 N | 30.68 -0.86 0.00 N | 33.19 -0.93 -0.15 N | 31.09 -0.85 -0.67 N | 35.30 -0.98 -0.52 N | 31.45 -0.68 -4.89 N | 43.36 -1.13 -0.47 N | 40.96 -1.00 -0.01 N | 43.74 -1.01 -0.01 N | 58.36 -1.36 0.00 N | 59.74 -1.37 -0.02 N | 30.72 -0.63 0.00 N | -70.00 1.30 0.00 N | 85.71 -1.48 0.00 N | 48.21 -0.89 0.00 N | 33.85 -0.58 0.00 N | 36.43 -0.65 0.00 N | 33.41 -0.62 0.00 N | 33.97 -0.65 0.00 N | 30.82 -0.58 -0.06 N | 26.90 -0.52 -0.17 N | 30.64 -0.67 0.00 N |
| SITHE_IND_GS2 24170 | 38.00 -1.00 -0.26 N | 11.17 -0.23 -2.23 N | 34.54 -0.95 -0.09 N | 30.68 -0.86 0.00 N | 33.19 -0.93 -0.15 N | 31.09 -0.85 -0.67 N | 35.30 -0.98 -0.52 N | 31.45 -0.68 -4.89 N | 43.36 -1.13 -0.47 N | 40.96 -1.00 -0.01 N | 43.74 -1.01 -0.01 N | 58.36 -1.36 0.00 N | 59.74 -1.37 -0.02 N | 30.72 -0.63 0.00 N | -70.00 1.30 0.00 N | 85.71 -1.48 0.00 N | 48.21 -0.89 0.00 N | 33.85 -0.58 0.00 N | 36.43 -0.65 0.00 N | 33.41 -0.62 0.00 N | 33.97 -0.65 0.00 N | 30.82 -0.58 -0.06 N | 26.90 -0.52 -0.17 N | 30.64 -0.67 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|----------------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|
| SITHE_IND_GS3 24171 | 38.00 -1.00 -0.26 N | 11.17 -0.23 -2.23 N | 34.54 -0.95 -0.09 N | 30.68 -0.86 0.00 N | 33.19 -0.93 -0.15 N | 31.09 -0.85 -0.67 N | 35.30 -0.98 -0.52 N | 31.45 -0.68 -4.89 N | 43.36 -1.13 -0.47 N | 40.96 -1.00 -0.01 N | 43.74 -1.01 -0.01 N | 58.36 -1.36 0.00 N | 59.74 -1.37 -0.02 N | 30.72 -0.63 0.00 N | -70.00 1.30 0.00 N | 85.71 -1.48 0.00 N | 48.21 -0.89 0.00 N | 33.85 -0.58 0.00 N | 36.43 -0.65 0.00 N | 33.41 -0.62 0.00 N | 33.97 -0.65 0.00 N | 30.82 -0.58 -0.06 N | 26.90 -0.52 -0.17 N | 30.64 -0.67 0.00 N |
| SITHE_IND_GS4 24172 | 38.00 -1.00 -0.26 N | 11.17 -0.23 -2.23 N | 34.54 -0.95 -0.09 N | 30.68 -0.86 0.00 N | 33.19 -0.93 -0.15 N | 31.09 -0.85 -0.67 N | 35.30 -0.98 -0.52 N | 31.45 -0.68 -4.89 N | 43.36 -1.13 -0.47 N | 40.96 -1.00 -0.01 N | 43.74 -1.01 -0.01 N | 58.36 -1.36 0.00 N | 59.74 -1.37 -0.02 N | 30.72 -0.63 0.00 N | -70.00 1.30 0.00 N | 85.71 -1.48 0.00 N | 48.21 -0.89 0.00 N | 33.85 -0.58 0.00 N | 36.43 -0.65 0.00 N | 33.41 -0.62 0.00 N | 33.97 -0.65 0.00 N | 30.82 -0.58 -0.06 N | 26.90 -0.52 -0.17 N | 30.64 -0.67 0.00 N |
| SITHE___BATAVIA 24024 | 36.85 -2.44 -0.55 N | 13.29 -0.60 -4.72 N | 33.16 -2.43 -0.20 N | 29.32 -2.22 0.00 N | 32.11 -2.18 -0.33 N | 30.54 -2.15 -1.42 N | 34.08 -2.77 -1.10 N | 35.70 -1.88 -10.34 N | 41.55 -3.46 -0.99 N | 39.05 -2.91 -0.01 N | 41.80 -2.96 -0.02 N | 55.59 -4.12 0.00 N | 57.01 -4.13 -0.05 N | 29.89 -1.46 0.00 N | -69.16 2.15 0.00 N | 84.22 -2.97 0.00 N | 46.64 -2.45 0.00 N | 33.17 -1.25 0.00 N | 35.33 -1.75 0.00 N | 32.31 -1.73 0.00 N | 32.77 -1.86 0.00 N | 29.68 -1.77 -0.11 N | 26.01 -1.56 -0.32 N | 29.30 -2.01 0.00 N |
| SITHE___INDEPEND 23800 | 38.00 -1.00 -0.26 N | 11.17 -0.23 -2.23 N | 34.54 -0.95 -0.09 N | 30.68 -0.86 0.00 N | 33.19 -0.93 -0.15 N | 31.09 -0.85 -0.67 N | 35.30 -0.98 -0.52 N | 31.45 -0.68 -4.89 N | 43.36 -1.13 -0.47 N | 40.96 -1.00 -0.01 N | 43.74 -1.01 -0.01 N | 58.36 -1.36 0.00 N | 59.74 -1.37 -0.02 N | 30.72 -0.63 0.00 N | -70.00 1.30 0.00 N | 85.71 -1.48 0.00 N | 48.21 -0.89 0.00 N | 33.85 -0.58 0.00 N | 36.43 -0.65 0.00 N | 33.41 -0.62 0.00 N | 33.97 -0.65 0.00 N | 30.82 -0.58 -0.06 N | 26.90 -0.52 -0.17 N | 30.64 -0.67 0.00 N |
| SITHE___MASSENA 23902 | 37.33 -1.41 0.00 N | 8.84 -0.33 0.00 N | 34.54 -0.85 0.00 N | 30.82 -0.72 0.00 N | 33.22 -0.74 0.00 N | 30.36 -0.91 0.00 N | 34.53 -1.22 0.00 N | 26.19 -1.05 0.00 N | 42.42 -1.59 0.00 N | 40.35 -1.60 0.00 N | 42.82 -1.92 0.00 N | 57.13 -2.58 0.00 N | 58.43 -2.66 0.00 N | 30.06 -1.29 0.00 N | -69.72 1.59 0.00 N | 84.89 -2.30 0.00 N | 48.24 -0.87 0.00 N | 33.84 -0.59 0.00 N | 36.22 -0.86 0.00 N | 33.09 -0.95 0.00 N | 33.55 -1.07 0.00 N | 29.92 -1.43 0.00 N | 25.97 -1.28 0.00 N | 30.48 -0.82 0.00 N |
| SITHE___OGDNSBRG 24021 | 37.71 -1.04 0.00 N | 8.92 -0.25 0.00 N | 34.92 -0.47 0.00 N | 31.16 -0.38 0.00 N | 33.60 -0.36 0.00 N | 30.70 -0.57 0.00 N | 34.94 -0.81 0.00 N | 26.57 -0.67 0.00 N | 43.13 -0.88 0.00 N | 41.07 -0.89 0.00 N | 43.49 -1.24 0.00 N | 58.06 -1.65 0.00 N | 59.38 -1.71 0.00 N | 30.55 -0.81 0.00 N | -71.11 0.20 0.00 N | 86.32 -0.87 0.00 N | 49.04 -0.06 0.00 N | 34.42 -0.01 0.00 N | 36.80 -0.28 0.00 N | 33.60 -0.44 0.00 N | 34.04 -0.58 0.00 N | 30.25 -1.10 0.00 N | 26.22 -1.03 0.00 N | 30.92 -0.39 0.00 N |
| SITHE___STERLING 23777 | 39.63 0.77 -0.12 N | 10.35 0.18 -1.00 N | 36.08 0.64 -0.04 N | 32.13 0.60 0.00 N | 34.67 0.64 -0.07 N | 32.21 0.64 -0.30 N | 36.86 0.87 -0.23 N | 30.29 0.86 -2.19 N | 45.71 1.49 -0.21 N | 43.54 1.59 0.00 N | 46.55 1.81 0.00 N | 62.24 2.53 0.00 N | 63.71 2.61 -0.01 N | 32.74 1.39 0.00 N | -74.42 -3.12 0.00 N | 90.89 3.70 0.00 N | 50.82 1.72 0.00 N | 35.65 1.22 0.00 N | 38.37 1.29 0.00 N | 35.17 1.13 0.00 N | 35.74 1.12 0.00 N | 32.39 1.02 -0.02 N | 28.13 0.80 -0.07 N | 32.12 0.81 0.00 N |
| SOUTH CAIRO___GT 23612 | 47.06 3.68 -4.64 N | 49.83 0.86 -39.80 N | 40.32 3.25 -1.68 N | 34.35 2.81 0.00 N | 39.74 3.00 -2.77 N | 46.13 2.87 -11.99 N | 48.46 3.46 -9.24 N | 117.24 2.81 -87.19 N | 57.17 4.77 -8.38 N | 46.71 4.65 -0.11 N | 49.99 5.08 -0.17 N | 66.62 6.91 0.00 N | 68.67 7.14 -0.45 N | 140.61 3.53 -105.73 N | 131.15 -7.25 -209.71 N | 167.33 8.41 -71.73 N | 53.15 4.05 0.00 N | 37.22 2.79 0.00 N | 40.26 3.18 0.00 N | 37.16 3.12 0.00 N | 37.94 3.31 0.00 N | 35.45 3.07 -1.04 N | 32.98 2.67 -3.06 N | 34.05 2.74 0.00 N |
| SOUTH HAMPTN___IC 23720 | 48.50 5.30 -4.45 N | 46.85 1.41 -36.27 N | 44.36 5.65 -3.31 N | 42.69 5.04 -6.12 N | 42.17 5.45 -2.75 N | 49.13 5.04 -12.82 N | 56.84 6.20 -14.88 N | 111.03 4.33 -79.46 N | 59.50 6.94 -8.54 N | 62.92 7.31 -13.65 N | 62.22 7.55 -9.93 N | 72.08 9.22 -3.15 N | 70.67 9.18 -0.41 N | 205.23 3.94 -169.94 N | 257.63 -8.11 -337.05 N | 212.73 10.25 -115.30 N | 55.06 5.97 0.00 N | 38.38 3.95 0.00 N | 41.67 4.59 0.00 N | 40.84 4.58 -2.22 N | 43.54 6.01 -2.90 N | 38.03 5.29 -1.40 N | 35.06 4.65 -3.16 N | 38.55 4.91 -2.34 N |
| SOUTHOLD___IC 23719 | 52.04 8.84 -4.45 N | 47.65 2.21 -36.27 N | 47.48 8.77 -3.31 N | 45.67 8.02 -6.12 N | 45.40 8.68 -2.75 N | 52.15 8.06 -12.82 N | 60.42 9.78 -14.88 N | 113.93 7.23 -79.46 N | 64.26 11.70 -8.54 N | 67.85 12.24 -13.65 N | 67.87 13.20 -9.93 N | 80.06 17.20 -3.15 N | 79.04 17.54 -0.41 N | 209.56 8.27 -169.94 N | 247.87 -17.87 -337.05 N | 224.81 22.33 -115.30 N | 61.45 12.35 0.00 N | 42.69 8.26 0.00 N | 46.18 9.10 0.00 N | 45.06 8.80 -2.22 N | 47.95 10.42 -2.90 N | 41.84 9.09 -1.40 N | 38.13 7.72 -3.16 N | 41.89 8.24 -2.34 N |
| ST LAWRENCE____ 23600 | 37.20 -1.55 0.00 N | 8.80 -0.37 0.00 N | 34.12 -1.27 0.00 N | 30.42 -1.12 0.00 N | 32.79 -1.17 0.00 N | 30.11 -1.16 0.00 N | 34.31 -1.45 0.00 N | 26.00 -1.24 0.00 N | 42.10 -1.91 0.00 N | 40.04 -1.91 0.00 N | 42.56 -2.18 0.00 N | 56.77 -2.95 0.00 N | 58.06 -3.02 0.00 N | 29.86 -1.49 0.00 N | -68.72 2.58 0.00 N | 83.67 -3.52 0.00 N | 47.58 -1.52 0.00 N | 33.38 -1.05 0.00 N | 35.75 -1.33 0.00 N | 32.66 -1.37 0.00 N | 33.13 -1.49 0.00 N | 29.82 -1.53 0.00 N | 25.86 -1.39 0.00 N | 30.07 -1.24 0.00 N |
| STATION 5_MISC_HYD 23604 | 39.99 0.78 -0.47 N | 13.27 0.08 -4.03 N | 35.42 -0.14 -0.17 N | 31.08 -0.45 0.00 N | 33.65 -0.60 -0.28 N | 31.91 -0.58 -1.21 N | 36.14 -0.54 -0.94 N | 36.22 0.16 -8.82 N | 45.31 0.45 -0.85 N | 42.97 1.01 -0.02 N | 46.13 1.38 -0.02 N | 61.71 1.99 0.00 N | 63.59 2.46 -0.04 N | 33.00 1.65 0.00 N | -75.76 -4.46 0.00 N | 91.68 4.49 0.00 N | 51.15 2.06 0.00 N | 36.25 1.82 0.00 N | 38.69 1.62 0.00 N | 35.20 1.17 0.00 N | 35.62 0.99 0.00 N | 32.16 0.72 -0.09 N | 27.78 0.25 -0.28 N | 31.06 -0.25 0.00 N |
| STEEL___WIND 323596 | 36.46 -2.94 -0.65 N | 14.04 -0.71 -5.58 N | 32.81 -2.83 -0.23 N | 29.04 -2.50 0.00 N | 31.90 -2.46 -0.39 N | 30.47 -2.48 -1.68 N | 33.83 -3.22 -1.30 N | 37.17 -2.29 -12.23 N | 40.92 -4.27 -1.18 N | 38.19 -3.78 -0.02 N | 40.89 -3.87 -0.02 N | 54.40 -5.31 0.00 N | 55.90 -5.25 -0.06 N | 29.28 -2.07 0.00 N | -67.62 3.69 0.00 N | 82.18 -5.01 0.00 N | 45.33 -3.77 0.00 N | 32.29 -2.14 0.00 N | 34.43 -2.65 0.00 N | 31.58 -2.45 0.00 N | 32.06 -2.57 0.00 N | 29.13 -2.34 -0.12 N | 25.69 -1.93 -0.36 N | 29.05 -2.26 0.00 N |
| STURGEON_POOL_HYD 23609 | 49.22 6.29 -4.18 N | 46.51 1.47 -35.87 N | 42.57 5.66 -1.51 N | 36.52 4.98 0.00 N | 41.89 5.43 -2.49 N | 47.20 5.13 -10.80 N | 50.27 6.18 -8.33 N | 110.59 4.76 -78.60 N | 58.96 7.39 -7.55 N | 49.28 7.23 -0.10 N | 52.60 7.71 -0.16 N | 69.90 10.19 0.00 N | 71.78 10.29 -0.40 N | 167.54 5.03 -131.15 N | 178.25 -10.58 -260.13 N | 189.03 12.83 -89.01 N | 55.41 6.31 0.00 N | 38.86 4.43 0.00 N | 42.18 5.10 0.00 N | 38.90 4.86 0.00 N | 39.76 5.14 0.00 N | 36.98 4.69 -0.93 N | 34.15 4.14 -2.75 N | 36.11 4.80 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 |
|----------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|---------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|---|
| SYRACUSE___ENERGY_ST1 323597 | 39.11 -0.03 -0.39 N | 12.53 0.00 -3.37 N | 35.42 -0.12 -0.14 N | 31.40 -0.14 0.00 N | 34.05 -0.15 -0.23 N | 32.17 -0.11 -1.01 N | 36.47 -0.06 -0.78 N | 34.68 0.07 -7.38 N | 44.82 0.10 -0.71 N | 42.17 0.21 -0.01 N | 45.03 0.28 -0.01 N | 60.14 0.43 0.00 N | 61.59 0.46 -0.04 N | 31.69 0.34 0.00 N | -72.13 -0.82 0.00 N | 88.29 1.10 0.00 N | 49.56 0.45 0.00 N | 34.81 0.38 0.00 N | 37.44 0.36 0.00 N | 34.34 0.30 0.00 N | 34.90 0.28 0.00 N | 31.71 0.27 -0.08 N | 27.73 0.23 -0.25 N | 31.43 0.12 0.00 N | |
| SYRACUSE___ENERGY_ST2 323598 | 39.11 -0.03 -0.39 N | 12.53 0.00 -3.37 N | 35.42 -0.12 -0.14 N | 31.40 -0.14 0.00 N | 34.05 -0.15 -0.23 N | 32.17 -0.11 -1.01 N | 36.47 -0.06 -0.78 N | 34.68 0.07 -7.38 N | 44.82 0.10 -0.71 N | 42.17 0.21 -0.01 N | 45.03 0.28 -0.01 N | 60.14 0.43 0.00 N | 61.59 0.46 -0.04 N | 31.69 0.34 0.00 N | -72.13 -0.82 0.00 N | 88.29 1.10 0.00 N | 49.56 0.45 0.00 N | 34.81 0.38 0.00 N | 37.44 0.36 0.00 N | 34.34 0.30 0.00 N | 34.90 0.28 0.00 N | 31.71 0.27 -0.08 N | 27.73 0.23 -0.25 N | 31.43 0.12 0.00 N | |
| SYRACUSE___POWER 24017 | 39.21 0.08 -0.38 N | 12.45 0.02 -3.26 N | 35.51 -0.03 -0.14 N | 31.49 -0.04 0.00 N | 34.13 -0.07 -0.23 N | 32.22 -0.03 -0.98 N | 36.56 0.06 -0.76 N | 34.54 0.17 -7.13 N | 45.01 0.31 -0.68 N | 42.39 0.43 -0.01 N | 45.31 0.56 -0.01 N | 60.51 0.80 0.00 N | 61.96 0.83 -0.04 N | 31.86 0.51 0.00 N | -72.56 -1.25 0.00 N | 88.80 1.61 0.00 N | 49.80 0.70 0.00 N | 34.96 0.53 0.00 N | 37.61 0.53 0.00 N | 34.46 0.43 0.00 N | 35.03 0.41 0.00 N | 31.84 0.41 -0.08 N | 27.82 0.33 -0.24 N | 31.53 0.22 0.00 N | |
| Stony___Brook 24151 | 48.11 4.92 -4.45 N | 46.69 1.26 -36.27 N | 43.77 5.06 -3.31 N | 42.13 4.48 -6.12 N | 41.56 4.84 -2.75 N | 48.55 4.46 -12.82 N | 56.14 5.51 -14.88 N | 110.61 3.91 -79.46 N | 58.89 6.33 -8.54 N | 62.01 6.41 -13.65 N | 60.82 6.15 -9.93 N | 70.25 7.39 -3.15 N | 68.50 7.01 -0.41 N | 204.08 2.79 -169.94 N | 259.94 -5.80 -337.05 N | 209.45 6.97 -115.30 N | 53.47 4.37 0.00 N | 37.34 2.92 0.00 N | 40.66 3.58 0.00 N | 39.85 3.59 -2.22 N | 42.15 4.63 -2.90 N | 36.94 4.19 -1.40 N | 34.38 3.96 -3.16 N | 37.92 4.27 -2.34 N | |
| UNION___PROCESSING_DRP 323587 | 37.80 -1.42 -0.48 N | 12.93 -0.35 -4.11 N | 34.07 -1.50 -0.17 N | 30.12 -1.42 0.00 N | 32.83 -1.42 -0.29 N | 31.13 -1.38 -1.24 N | 34.99 -1.72 -0.95 N | 35.14 -1.10 -9.00 N | 42.90 -1.98 -0.86 N | 40.37 -1.59 -0.01 N | 43.17 -1.58 -0.02 N | 57.51 -2.20 0.00 N | 58.97 -2.17 -0.05 N | 30.67 -0.67 0.00 N | -70.58 0.72 0.00 N | 86.13 -1.06 0.00 N | 48.08 -1.02 0.00 N | 33.98 -0.45 0.00 N | 36.33 -0.75 0.00 N | 33.20 -0.84 0.00 N | 33.68 -0.95 0.00 N | 30.53 -0.92 -0.10 N | 26.68 -0.85 -0.29 N | 30.15 -1.15 0.00 N | |
| UPPER HUDSON___HYD 24058 | 47.27 2.99 -5.54 N | 57.44 0.70 -47.56 N | 40.07 2.66 -2.01 N | 33.70 2.17 0.00 N | 39.55 2.28 -3.31 N | 47.92 2.33 -14.32 N | 49.48 2.68 -11.04 N | 133.49 2.05 -104.21 N | 57.64 3.61 -10.01 N | 45.41 3.33 -0.21 N | 48.33 3.39 -0.21 N | 64.74 5.03 0.00 N | 67.14 5.52 -0.53 N | 47.78 2.45 -13.98 N | -47.87 -4.29 -27.72 N | 101.72 5.05 -9.48 N | 51.87 2.77 0.00 N | 36.60 2.18 0.00 N | 40.11 3.03 0.00 N | 36.91 2.87 0.00 N | 37.67 3.04 0.00 N | 35.40 2.82 -1.24 N | 33.20 2.30 -3.65 N | 33.48 2.17 0.00 N | |
| UPPER RAQUET___HYD 24056 | 37.22 -1.52 0.00 N | 8.80 -0.37 0.00 N | 34.52 -0.88 0.00 N | 30.87 -0.67 0.00 N | 33.29 -0.67 0.00 N | 30.39 -0.88 0.00 N | 34.57 -1.19 0.00 N | 26.31 -0.93 0.00 N | 42.68 -1.34 0.00 N | 40.61 -1.34 0.00 N | 42.76 -1.97 0.00 N | 57.13 -2.58 0.00 N | 58.44 -2.65 0.00 N | 30.08 -1.27 0.00 N | -70.13 1.18 0.00 N | 85.07 -2.11 0.00 N | 48.44 -0.67 0.00 N | 33.91 -0.52 0.00 N | 36.18 -0.90 0.00 N | 33.03 -1.01 0.00 N | 33.45 -1.18 0.00 N | 29.66 -1.69 0.00 N | 25.74 -1.51 0.00 N | 30.66 -0.65 0.00 N | |
| VISCHER___FERRY HYD 24020 | 46.88 2.76 -5.38 N | 56.01 0.67 -46.17 N | 39.89 2.55 -1.95 N | 33.68 2.14 0.00 N | 39.43 2.26 -3.21 N | 47.38 2.20 -13.90 N | 49.02 2.55 -10.72 N | 130.45 2.06 -101.15 N | 57.12 3.38 -9.72 N | 45.22 3.14 -0.12 N | 48.34 3.41 -0.20 N | 64.52 4.81 0.00 N | 66.76 5.16 -0.52 N | 42.59 2.42 -8.82 N | -58.30 -4.48 -17.49 N | 98.59 5.42 -5.98 N | 52.00 2.90 0.00 N | 36.40 1.97 0.00 N | 39.60 2.52 0.00 N | 36.45 2.42 0.00 N | 37.17 2.55 0.00 N | 34.93 2.38 -1.20 N | 32.82 2.03 -3.54 N | 33.33 2.02 0.00 N | |
| WADING RIVER_IC_1 23522 | 47.62 4.42 -4.45 N | 46.66 1.22 -36.27 N | 43.68 4.97 -3.31 N | 42.07 4.42 -6.12 N | 41.49 4.78 -2.75 N | 48.50 4.41 -12.82 N | 56.09 5.46 -14.88 N | 110.42 3.72 -79.46 N | 58.39 5.83 -8.54 N | 61.65 6.05 -13.65 N | 60.52 5.86 -9.93 N | 69.27 6.41 -3.15 N | 67.67 6.17 -0.41 N | 203.65 2.36 -169.94 N | 261.19 -4.55 -337.05 N | 208.30 5.82 -115.30 N | 52.69 3.59 0.00 N | 36.75 2.32 0.00 N | 39.98 2.90 0.00 N | 39.31 3.05 -2.22 N | 42.21 4.69 -2.90 N | 36.90 4.16 -1.40 N | 34.16 3.75 -3.16 N | 37.63 3.99 -2.34 N | |
| WADING RIVER_IC_2 23547 | 47.62 4.42 -4.45 N | 46.66 1.22 -36.27 N | 43.68 4.97 -3.31 N | 42.07 4.42 -6.12 N | 41.49 4.78 -2.75 N | 48.50 4.41 -12.82 N | 56.09 5.46 -14.88 N | 110.42 3.72 -79.46 N | 58.39 5.83 -8.54 N | 61.65 6.05 -13.65 N | 60.52 5.86 -9.93 N | 69.27 6.41 -3.15 N | 67.67 6.17 -0.41 N | 203.65 2.36 -169.94 N | 261.19 -4.55 -337.05 N | 208.30 5.82 -115.30 N | 52.69 3.59 0.00 N | 36.75 2.32 0.00 N | 39.98 2.90 0.00 N | 39.31 3.05 -2.22 N | 42.21 4.69 -2.90 N | 36.90 4.16 -1.40 N | 34.16 3.75 -3.16 N | 37.63 3.99 -2.34 N | |
| WADING RIVER_IC_3 23601 | 47.62 4.42 -4.45 N | 46.66 1.22 -36.27 N | 43.68 4.97 -3.31 N | 42.07 4.42 -6.12 N | 41.49 4.78 -2.75 N | 48.50 4.41 -12.82 N | 56.09 5.46 -14.88 N | 110.42 3.72 -79.46 N | 58.39 5.83 -8.54 N | 61.65 6.05 -13.65 N | 60.52 5.86 -9.93 N | 69.27 6.41 -3.15 N | 67.67 6.17 -0.41 N | 203.65 2.36 -169.94 N | 261.19 -4.55 -337.05 N | 208.30 5.82 -115.30 N | 52.69 3.59 0.00 N | 36.75 2.32 0.00 N | 39.98 2.90 0.00 N | 39.31 3.05 -2.22 N | 42.21 4.69 -2.90 N | 36.90 4.16 -1.40 N | 34.16 3.75 -3.16 N | 37.63 3.99 -2.34 N | |
| WALDEN___HYDRO 24148 | 46.82 3.95 -4.12 N | 45.46 0.94 -35.35 N | 40.48 3.59 -1.49 N | 34.65 3.11 0.00 N | 39.76 3.33 -2.46 N | 45.04 3.12 -10.65 N | 47.77 3.81 -8.21 N | 107.57 2.88 -77.45 N | 56.05 4.60 -7.44 N | 46.48 4.43 -0.10 N | 49.61 4.71 -0.15 N | 65.88 6.17 0.00 N | 67.74 6.25 -0.40 N | 177.24 2.96 -142.93 N | 206.26 -5.92 -283.49 N | 191.54 7.37 -96.98 N | 52.70 3.61 0.00 N | 36.81 2.38 0.00 N | 39.76 2.69 0.00 N | 36.71 2.67 0.00 N | 37.54 2.92 0.00 N | 35.07 2.81 -0.92 N | 32.57 2.60 -2.71 N | 34.19 2.89 0.00 N | |
| WARRENSBURG____ 23737 | 47.34 3.05 -5.54 N | 57.45 0.72 -47.56 N | 40.12 2.71 -2.01 N | 33.74 2.20 0.00 N | 39.59 2.31 -3.31 N | 47.96 2.37 -14.32 N | 49.54 2.74 -11.04 N | 133.54 2.09 -104.21 N | 57.48 3.45 -10.01 N | 45.24 3.15 -0.13 N | 48.08 3.14 -0.21 N | 64.41 4.69 0.00 N | 66.78 5.16 -0.53 N | 47.60 2.28 -13.98 N | -47.43 -3.84 -27.72 N | 101.27 4.60 -9.48 N | 51.61 2.51 0.00 N | 36.43 2.00 0.00 N | 40.08 3.00 0.00 N | 36.95 2.91 0.00 N | 37.76 3.13 0.00 N | 35.49 2.91 -1.24 N | 33.27 2.37 -3.65 N | 33.55 2.25 0.00 N | |
| WATERSIDE___6 8 9 | 22.60 | 16.75 | 8.27 | 12.33 | 34.45 | 45.83 | 48.51 | 109.99 | 56.22 | 47.16 | 50.32 | 66.60 | 68.15 | 204.23 | 259.87 | 209.92 | 55.22 | 38.86 | 39.93 | 37.00 | 37.86 | 35.45 | 33.02 | 34.67 | |

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|----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 23538 | 4.50 20.65 N | 1.08 -6.50 N | 4.14 31.26 N | 3.61 22.81 N | 3.88 3.40 N | 3.64 -10.92 N | 4.48 -8.28 N | 3.31 -79.44 N | 5.25 -6.96 N | 5.11 -0.10 N | 5.43 -0.16 N | 6.89 0.00 N | 6.75 -0.31 N | 2.99 -169.89 N | -5.77 -336.95 N | 7.47 -115.26 N | 3.85 -2.27 N | 2.55 -1.88 N | 2.85 0.00 N | 2.96 0.00 N | 3.24 0.00 N | 3.16 -0.94 N | 2.98 -2.78 N | 3.36 0.00 N |
| WDELAWARE___HYD 323627 | 45.16 2.80 -3.62 N | 40.89 0.65 -31.07 N | 39.20 2.50 -1.31 N | 33.75 2.22 0.00 N | 38.57 2.44 -2.16 N | 42.94 2.31 -9.36 N | 45.78 2.81 -7.22 N | 97.20 1.89 -68.07 N | 52.24 1.68 -6.54 N | 43.84 1.80 -0.08 N | 46.92 2.05 -0.14 N | 62.58 2.87 0.00 N | 64.44 3.01 -0.35 N | 145.59 1.39 -112.84 N | 149.90 -2.60 -223.81 N | 166.69 2.93 -76.57 N | 50.19 1.09 0.00 N | 35.38 0.95 0.00 N | 40.20 3.12 0.00 N | 37.07 3.03 0.00 N | 37.92 3.30 0.00 N | 35.21 3.06 -0.81 N | 32.35 2.72 -2.39 N | 33.90 2.60 0.00 N |
| WEST BABYLON___IC 23714 | 48.64 5.45 -4.45 N | 46.77 1.34 -36.27 N | 43.97 5.27 -3.31 N | 42.30 4.65 -6.12 N | 41.83 5.01 -2.85 N | 48.74 4.65 -12.82 N | 56.33 5.70 -14.88 N | 110.85 4.14 -79.46 N | 59.23 6.67 -8.54 N | 62.22 6.61 -13.65 N | 61.61 6.94 -9.93 N | 71.87 9.01 -3.15 N | 70.49 9.00 -0.41 N | 205.22 3.93 -169.94 N | 257.86 -7.88 -337.05 N | 212.61 10.12 -115.30 N | 54.76 5.66 0.00 N | 38.18 3.76 0.00 N | 41.36 4.28 0.00 N | 40.44 4.18 -2.22 N | 42.41 4.88 -2.90 N | 37.17 4.42 -1.40 N | 34.47 4.06 -3.16 N | 38.25 4.47 -2.48 N |
| WEST CANADA___HYD 24049 | 38.94 0.31 0.11 N | 8.32 0.07 0.93 N | 35.64 0.28 0.04 N | 31.79 0.25 0.00 N | 34.17 0.27 0.06 N | 31.26 0.27 0.28 N | 35.86 0.33 0.22 N | 25.49 0.29 2.04 N | 44.30 0.48 0.19 N | 42.41 0.46 0.00 N | 45.23 0.49 0.00 N | 60.37 0.66 0.00 N | 61.75 0.67 0.01 N | 31.68 0.33 0.00 N | -71.94 -0.63 0.00 N | 88.03 0.85 0.00 N | 49.50 0.40 0.00 N | 34.70 0.27 0.00 N | 37.42 0.34 0.00 N | 34.38 0.34 0.00 N | 34.98 0.36 0.00 N | 31.67 0.34 0.02 N | 27.48 0.29 0.07 N | 31.57 0.26 0.00 N |
| WESTERN_NY_WIND 24143 | 36.89 -2.41 -0.56 N | 13.36 -0.59 -4.78 N | 33.20 -2.40 -0.20 N | 29.35 -2.18 0.00 N | 32.16 -2.13 -0.33 N | 30.60 -2.11 -1.44 N | 34.13 -2.74 -1.11 N | 35.85 -1.86 -10.47 N | 41.59 -3.43 -1.01 N | 39.08 -2.88 -0.01 N | 41.83 -2.93 -0.02 N | 55.64 -4.08 0.00 N | 57.05 -4.09 -0.05 N | 29.93 -1.43 0.00 N | -69.23 2.08 0.00 N | 84.29 -2.90 0.00 N | 46.68 -2.42 0.00 N | 33.20 -1.23 0.00 N | 35.35 -1.73 0.00 N | 32.34 -1.70 0.00 N | 32.81 -1.82 0.00 N | 29.72 -1.74 -0.11 N | 26.05 -1.52 -0.32 N | 29.34 -1.97 0.00 N |
| WETHRSFD_WT_PWR 323626 | 36.94 -2.52 -0.71 N | 14.65 -0.60 -6.08 N | 33.31 -2.35 -0.26 N | 29.46 -2.08 0.00 N | 32.41 -1.99 -0.42 N | 31.15 -1.95 -1.83 N | 34.67 -2.49 -1.41 N | 38.84 -1.72 -13.32 N | 41.99 -3.31 -1.28 N | 39.09 -2.88 -0.02 N | 41.92 -2.85 -0.03 N | 55.81 -3.90 0.00 N | 57.39 -3.76 -0.07 N | 29.91 -1.45 0.00 N | -68.71 2.59 0.00 N | 83.48 -3.70 0.00 N | 46.04 -3.06 0.00 N | 32.77 -1.66 0.00 N | 35.04 -2.04 0.00 N | 32.18 -1.86 0.00 N | 32.74 -1.89 0.00 N | 29.76 -1.73 -0.14 N | 26.30 -1.37 -0.42 N | 29.70 -1.61 0.00 N |
| YORK___WARBASSE 23770 | 183.29 4.76 -139.79 N | 193.94 1.14 -183.63 N | 201.83 4.37 -162.06 N | 147.03 3.81 -111.68 N | 69.53 4.06 -31.50 N | 46.03 3.83 -10.93 N | 160.18 4.71 -119.72 N | 188.53 3.50 -157.80 N | 180.56 5.53 -131.02 N | 253.32 5.36 -206.01 N | 277.54 5.71 -227.09 N | 271.46 7.24 -204.50 N | 271.86 7.15 -203.63 N | 235.45 3.18 -200.92 N | 394.13 -6.20 -471.63 N | 401.95 7.99 -306.78 N | 292.66 4.16 -239.40 N | 196.39 2.76 -159.20 N | 191.13 3.06 -151.00 N | 195.81 3.12 -158.65 N | 195.83 3.35 -157.86 N | 195.82 3.26 -161.21 N | 195.78 3.06 -165.47 N | 178.83 3.47 -144.06 N |