

Time Weighted/Integrated Real Time LBMP- Generator

| Generator Data | | 06/22/2008 | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-------|------------|--------|-------|-------|-------|-------|-------|--------|--------|-------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Name | PTID | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
| 59TH STREET_GT_1 | 24138 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 56.33 | 56.27 | 60.15 | 42.84 | 55.78 | 45.26 | 91.09 | 85.57 | 82.17 | 86.65 | 95.49 | 153.83 | 143.18 | 143.60 | 144.40 | 144.25 | 144.68 | 138.72 | 141.82 | 138.28 | 140.26 | 143.27 | 134.46 | 127.80 |
| | | 3.48 | 3.19 | 4.20 | 2.76 | 3.20 | 2.68 | 5.15 | 3.31 | 3.97 | 6.83 | 6.44 | 5.46 | 4.92 | 8.04 | 11.34 | 11.33 | 10.44 | 8.53 | 11.35 | 10.44 | 8.18 | 8.28 | 9.90 | 9.86 |
| | | -12.89 | -13.20 | 0.00 | 0.00 | -3.41 | 0.00 | -2.01 | -36.44 | -27.59 | 0.03 | -17.53 | -218.96 | -85.34 | -51.79 | -14.92 | -12.89 | -20.91 | -34.84 | -8.57 | -13.40 | -43.17 | -44.08 | -11.86 | 0.00 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 74TH STREET_GT_1 | 24260 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 56.38 | 56.31 | 60.22 | 42.89 | 55.83 | 45.30 | 91.18 | 85.62 | 82.23 | 86.77 | 95.59 | 153.78 | 143.24 | 143.68 | 144.45 | 144.30 | 144.73 | 138.77 | 141.88 | 138.35 | 140.34 | 143.34 | 134.56 | 127.91 |
| | | 3.52 | 3.23 | 4.27 | 2.81 | 3.26 | 2.72 | 5.24 | 3.36 | 4.03 | 6.94 | 6.54 | 5.51 | 4.98 | 8.12 | 11.39 | 11.38 | 10.50 | 8.58 | 11.41 | 10.51 | 8.26 | 8.35 | 10.00 | 9.97 |
| | | -12.89 | -13.20 | 0.00 | 0.00 | -3.41 | 0.00 | -2.01 | -36.44 | -27.59 | 0.03 | -17.53 | -218.97 | -85.34 | -51.79 | -14.92 | -12.89 | -20.91 | -34.84 | -8.57 | -13.40 | -43.17 | -44.08 | -11.86 | 0.00 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 74TH STREET_GT_2 | 24261 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 56.38 | 56.31 | 60.22 | 42.89 | 55.83 | 45.30 | 91.18 | 85.62 | 82.23 | 86.77 | 95.59 | 153.78 | 143.24 | 143.68 | 144.45 | 144.30 | 144.73 | 138.77 | 141.88 | 138.35 | 140.34 | 143.34 | 134.56 | 127.91 |
| | | 3.52 | 3.23 | 4.27 | 2.81 | 3.26 | 2.72 | 5.24 | 3.36 | 4.03 | 6.94 | 6.54 | 5.51 | 4.98 | 8.12 | 11.39 | 11.38 | 10.50 | 8.58 | 11.41 | 10.51 | 8.26 | 8.35 | 10.00 | 9.97 |
| | | -12.89 | -13.20 | 0.00 | 0.00 | -3.41 | 0.00 | -2.01 | -36.44 | -27.59 | 0.03 | -17.53 | -218.97 | -85.34 | -51.79 | -14.92 | -12.89 | -20.91 | -34.84 | -8.57 | -13.40 | -43.17 | -44.08 | -11.86 | 0.00 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK HUDSON___FALLS | 24011 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 58.87 | 59.17 | 58.98 | 42.25 | 56.16 | 44.82 | 91.47 | 96.11 | 89.67 | 84.16 | 77.08 | -45.43 | 79.12 | 114.86 | 126.27 | 126.78 | 119.73 | 103.08 | 130.70 | 123.36 | 98.34 | 100.15 | 120.58 | 124.79 |
| | | 2.11 | 2.08 | 3.03 | 2.17 | 2.55 | 2.23 | 4.93 | 2.89 | 3.17 | 4.33 | 4.13 | -3.65 | 3.31 | 5.21 | 6.99 | 5.76 | 4.81 | 5.07 | 8.15 | 7.88 | 6.13 | 5.87 | 6.97 | 6.85 |
| | | -16.80 | -17.21 | 0.00 | 0.00 | -4.45 | 0.00 | -2.62 | -47.41 | -35.89 | 0.02 | -1.43 | -17.90 | -22.89 | -25.88 | -1.14 | -0.98 | -1.60 | -2.66 | -0.65 | -1.02 | -3.30 | -3.37 | -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 |
| ADK RESOURCE___RCVRY | 23798 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 58.87 | 59.17 | 58.98 | 42.25 | 56.16 | 44.82 | 91.47 | 96.11 | 89.67 | 84.16 | 77.08 | -45.43 | 79.12 | 114.86 | 126.27 | 126.78 | 119.73 | 103.08 | 130.70 | 123.36 | 98.34 | 100.15 | 120.58 | 124.79 |
| | | 2.11 | 2.08 | 3.03 | 2.17 | 2.55 | 2.23 | 4.93 | 2.89 | 3.17 | 4.33 | 4.13 | -3.65 | 3.31 | 5.21 | 6.99 | 5.76 | 4.81 | 5.07 | 8.15 | 7.88 | 6.13 | 5.87 | 6.97 | 6.85 |
| | | -16.80 | -17.21 | 0.00 | 0.00 | -4.45 | 0.00 | -2.62 | -47.41 | -35.89 | 0.02 | -1.43 | -17.90 | -22.89 | -25.88 | -1.14 | -0.98 | -1.60 | -2.66 | -0.65 | -1.02 | -3.30 | -3.37 | -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 |
| ADK S GLENS___FALLS | 24028 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 58.87 | 59.17 | 58.98 | 42.25 | 56.16 | 44.82 | 91.47 | 96.11 | 89.67 | 84.16 | 77.08 | -45.43 | 79.12 | 114.86 | 126.27 | 126.78 | 119.73 | 103.08 | 130.70 | 123.36 | 98.34 | 100.15 | 120.58 | 124.79 |
| | | 2.11 | 2.08 | 3.03 | 2.17 | 2.55 | 2.23 | 4.93 | 2.89 | 3.17 | 4.33 | 4.13 | -3.65 | 3.31 | 5.21 | 6.99 | 5.76 | 4.81 | 5.07 | 8.15 | 7.88 | 6.13 | 5.87 | 6.97 | 6.85 |
| | | -16.80 | -17.21 | 0.00 | 0.00 | -4.45 | 0.00 | -2.62 | -47.41 | -35.89 | 0.02 | -1.43 | -17.90 | -22.89 | -25.88 | -1.14 | -0.98 | -1.60 | -2.66 | -0.65 | -1.02 | -3.30 | -3.37 | -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 |
| ADK_NYS___DAM | 23527 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 58.80 | 59.05 | 59.45 | 42.62 | 56.53 | 45.23 | 92.08 | 95.22 | 89.02 | 84.76 | 77.59 | -42.85 | 80.06 | 115.48 | 127.62 | 128.40 | 120.96 | 103.46 | 130.56 | 122.76 | 98.40 | 100.19 | 120.43 | 125.08 |
| | | 2.47 | 2.41 | 3.50 | 2.54 | 3.03 | 2.65 | 5.61 | 3.21 | 3.44 | 4.93 | 4.42 | -3.90 | 3.74 | 6.00 | 8.17 | 7.24 | 5.81 | 5.07 | 7.91 | 7.14 | 5.72 | 5.43 | 6.69 | 7.13 |
| | | -16.37 | -16.76 | 0.00 | 0.00 | -4.34 | 0.00 | -2.55 | -46.19 | -34.97 | 0.02 | -1.66 | -20.73 | -23.38 | -25.71 | -1.31 | -1.12 | -1.83 | -3.04 | -0.75 | -1.17 | -3.76 | -3.85 | -1.03 | 0.00 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| AIR_PRODUCTS___DRP | 24190 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 58.49 | 58.78 | 58.91 | 42.17 | 56.04 | 44.76 | 90.86 | 94.45 | 88.13 | 83.64 | 75.68 | -55.66 | 75.02 | 112.21 | 124.51 | 126.08 | 118.58 | 99.72 | 128.39 | 120.49 | 93.60 | 95.53 | 118.07 | 123.55 |
| | | 2.12 | 2.11 | 2.96 | 2.09 | 2.54 | 2.18 | 4.38 | 2.39 | 2.51 | 3.81 | 3.58 | -3.23 | 3.13 | 4.97 | 6.37 | 6.05 | 5.26 | 4.37 | 6.48 | 6.04 | 4.69 | 4.61 | 5.36 | 5.62 |
| | | -16.40 | -16.79 | 0.00 | 0.00 | -4.34 | 0.00 | -2.56 | -46.25 | -35.02 | 0.02 | -0.58 | -7.24 | -18.96 | -23.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY___1 | 23571 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 58.49 | 58.78 | 58.91 | 42.17 | 56.04 | 44.76 | 90.86 | 94.45 | 88.13 | 83.64 | 75.68 | -55.66 | 75.02 | 112.21 | 124.51 | 126.08 | 118.58 | 99.72 | 128.39 | 120.49 | 93.60 | 95.53 | 118.07 | 123.55 |
| | | 2.12 | 2.11 | 2.96 | 2.09 | 2.54 | 2.18 | 4.38 | 2.39 | 2.51 | 3.81 | 3.58 | -3.23 | 3.13 | 4.97 | 6.37 | 6.05 | 5.26 | 4.37 | 6.48 | 6.04 | 4.69 | 4.61 | 5.36 | 5.62 |
| | | -16.40 | -16.79 | 0.00 | 0.00 | -4.34 | 0.00 | -2.56 | -46.25 | -35.02 | 0.02 | -0.58 | -7.24 | -18.96 | -23.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY___2 | 23572 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 58.49 | 58.78 | 58.91 | 42.17 | 56.04 | 44.76 | 90.86 | 94.45 | 88.13 | 83.64 | 75.68 | -55.66 | 75.02 | 112.21 | 124.51 | 126.08 | 118.58 | 99.72 | 128.39 | 120.49 | 93.60 | 95.53 | 118.07 | 123.55 |
| | | 2.12 | 2.11 | 2.96 | 2.09 | 2.54 | 2.18 | 4.38 | 2.39 | 2.51 | 3.81 | 3.58 | -3.23 | 3.13 | 4.97 | 6.37 | 6.05 | 5.26 | 4.37 | 6.48 | 6.04 | 4.69 | 4.61 | 5.36 | 5.62 |
| | | -16.40 | -16.79 | 0.00 | 0.00 | -4.34 | 0.00 | -2.56 | -46.25 | -35.02 | 0.02 | -0.58 | -7.24 | -1 | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 23573 | 2.12 -16.40 N | 2.11 -16.79 N | 2.96 0.00 N | 2.09 0.00 N | 2.54 -4.34 N | 2.18 0.00 N | 4.38 -2.56 N | 2.39 -46.25 N | 2.51 -35.02 N | 3.81 0.02 N | 3.58 -0.58 N | -3.23 -7.24 N | 3.13 -18.96 N | 4.97 -23.47 N | 6.37 0.00 N | 6.05 0.00 N | 5.26 0.00 N | 4.37 0.00 N | 6.48 0.00 N | 6.04 0.00 N | 4.69 0.00 N | 4.61 0.00 N | 5.36 0.00 N | 5.62 0.00 N |
| ALBANY____4 23574 | 58.49 2.12 -16.40 N | 58.78 2.11 -16.79 N | 58.91 2.96 0.00 N | 42.17 2.09 0.00 N | 56.04 2.54 -4.34 N | 44.76 2.18 0.00 N | 90.86 4.38 -2.56 N | 94.45 2.39 -46.25 N | 88.13 2.51 -35.02 N | 83.64 3.81 0.02 N | 75.68 3.58 -0.58 N | -55.66 -3.23 -7.24 N | 75.02 3.13 -18.96 N | 112.21 4.97 -23.47 N | 124.51 6.37 0.00 N | 126.08 6.05 0.00 N | 118.58 5.26 0.00 N | 99.72 4.37 0.00 N | 128.39 6.48 0.00 N | 120.49 6.04 0.00 N | 93.60 4.69 0.00 N | 95.53 4.61 0.00 N | 118.07 5.36 0.00 N | 123.55 5.62 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 39.74 -0.22 0.00 N | 39.77 -0.12 0.00 N | 55.86 -0.08 0.00 N | 40.05 -0.03 0.00 N | 49.14 -0.03 0.00 N | 42.60 0.02 0.00 N | 83.82 -0.11 0.00 N | 45.61 -0.21 0.00 N | 50.37 -0.24 0.00 N | 79.57 -0.29 0.00 N | 71.02 -0.50 0.00 N | -58.94 0.74 0.00 N | 51.89 -1.03 0.00 N | 81.90 -1.87 0.00 N | 115.44 -2.70 0.00 N | 117.28 -2.75 0.00 N | 111.08 -2.24 0.00 N | 93.83 -1.51 0.00 N | 119.55 -2.36 0.00 N | 112.28 -2.17 0.00 N | 87.20 -1.71 0.00 N | 89.31 -1.60 0.00 N | 111.46 -1.25 0.00 N | 116.87 -1.07 0.00 N |
| ALLEGHENY____COGEN 23514 | 40.12 -1.86 -2.01 N | 39.93 -2.00 -2.06 N | 52.82 -3.13 0.00 N | 37.86 -2.22 0.00 N | 46.91 -2.79 -0.53 N | 39.98 -2.60 0.00 N | 79.46 -4.78 -0.31 N | 49.24 -2.25 -5.67 N | 52.50 -2.40 -4.29 N | 73.57 -4.05 2.23 N | 68.76 -2.76 0.00 N | -58.73 0.95 0.00 N | 54.23 -0.72 -2.03 N | 85.76 -0.78 -2.76 N | 117.31 -0.84 0.00 N | 120.38 0.34 0.00 N | 114.00 0.68 0.00 N | 94.56 -0.79 0.00 N | 119.32 -2.58 0.00 N | 112.35 -2.09 0.00 N | 86.85 -2.06 0.00 N | 89.09 -1.82 0.00 N | 108.35 -4.36 0.00 N | 114.18 -3.77 0.00 N |
| AMERICAN_REF_FUEL 24010 | 37.19 -4.63 -1.85 N | 37.23 -4.55 -1.90 N | 49.41 -6.53 0.00 N | 35.50 -4.58 0.00 N | 44.06 -5.59 -0.49 N | 37.58 -5.00 0.00 N | 74.39 -9.82 -0.29 N | 45.71 -5.34 -5.23 N | 48.24 -6.33 -3.96 N | 66.71 -11.23 1.91 N | 62.33 -9.19 0.00 N | -53.39 6.29 0.00 N | 49.54 -5.26 -1.87 N | 77.96 -8.36 -2.55 N | 106.93 -11.21 0.00 N | 109.99 -10.04 0.00 N | 104.65 -8.67 0.00 N | 86.55 -8.80 0.00 N | 108.05 -13.85 0.00 N | 102.21 -12.24 0.00 N | 78.65 -10.26 0.00 N | 80.94 -9.97 0.00 N | 98.12 -14.58 0.00 N | 104.96 -12.98 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 56.29 3.43 -12.90 N | 56.25 3.17 -13.20 N | 60.11 4.16 0.00 N | 42.83 2.75 0.00 N | 55.77 3.19 -3.41 N | 45.25 2.67 0.00 N | 91.05 5.12 -2.01 N | 85.54 3.28 -36.44 N | 82.12 3.92 -27.59 N | 86.55 6.72 0.03 N | 95.30 6.26 -17.53 N | 154.51 -4.77 -218.97 N | 143.07 4.81 -85.34 N | 143.48 7.92 -51.79 N | 144.17 11.10 -14.92 N | 144.00 11.08 -12.89 N | 144.65 10.42 -20.91 N | 138.66 8.47 -34.84 N | 141.71 11.24 -8.57 N | 138.18 10.33 -13.40 N | 140.15 8.06 -43.17 N | 143.12 8.13 -44.08 N | 134.42 9.85 -11.86 N | 127.70 9.76 0.00 N |
| ARTHUR_KILL_2 23512 | 56.29 3.43 -12.90 N | 56.25 3.17 -13.20 N | 60.11 4.16 0.00 N | 42.83 2.75 0.00 N | 55.77 3.19 -3.41 N | 45.25 2.67 0.00 N | 91.05 5.12 -2.01 N | 85.54 3.28 -36.44 N | 82.12 3.92 -27.59 N | 86.55 6.72 0.03 N | 95.30 6.26 -17.53 N | 154.51 -4.77 -218.97 N | 143.07 4.81 -85.34 N | 143.48 7.92 -51.79 N | 144.17 11.10 -14.92 N | 144.00 11.08 -12.89 N | 144.65 10.42 -20.91 N | 138.66 8.47 -34.84 N | 141.71 11.24 -8.57 N | 138.18 10.33 -13.40 N | 140.15 8.06 -43.17 N | 143.12 8.13 -44.08 N | 134.42 9.85 -11.86 N | 127.70 9.76 0.00 N |
| ARTHUR_KILL_3 23513 | 56.15 3.30 -12.89 N | 56.08 3.00 -13.20 N | 59.88 3.93 0.00 N | 42.62 2.55 0.00 N | 55.50 2.92 -3.41 N | 45.01 2.42 0.00 N | 90.55 4.61 -2.01 N | 85.29 3.03 -36.44 N | 81.89 3.70 -27.59 N | 86.23 6.40 0.03 N | 95.13 6.08 -17.53 N | 154.07 -5.22 -218.96 N | 142.92 4.66 -85.34 N | 143.18 7.62 -51.79 N | 143.73 10.67 -14.92 N | 143.54 10.62 -12.89 N | 144.02 9.78 -20.91 N | 138.15 7.96 -34.84 N | 141.08 10.61 -8.57 N | 137.62 9.78 -13.40 N | 139.78 7.70 -43.17 N | 142.78 7.78 -44.08 N | 133.89 9.33 -11.86 N | 127.24 9.30 0.00 N |
| ASHOKAN____ 23654 | 57.01 3.29 -13.74 N | 57.08 3.12 -14.08 N | 60.21 4.27 0.00 N | 43.02 2.95 0.00 N | 56.38 3.58 -3.64 N | 45.62 3.04 0.00 N | 92.12 6.02 -2.18 N | 88.83 3.62 -39.39 N | 84.51 4.08 -29.82 N | 86.50 6.67 0.03 N | 90.23 6.23 -12.48 N | 91.00 -5.28 -155.95 N | 123.13 4.81 -65.39 N | 134.80 7.86 -43.17 N | 139.94 11.17 -10.63 N | 140.51 11.30 -9.18 N | 138.77 10.55 -14.89 N | 128.78 8.62 -24.82 N | 139.76 11.76 -6.10 N | 134.82 10.83 -9.54 N | 128.18 8.52 -30.75 N | 130.97 8.66 -31.40 N | 131.07 9.91 -8.45 N | 127.61 9.67 0.00 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 56.57 3.71 -12.90 N | 56.44 3.36 -13.20 N | 60.39 4.45 0.00 N | 42.93 2.85 0.00 N | 55.85 3.27 -3.41 N | 45.33 2.75 0.00 N | 91.19 5.25 -2.01 N | 85.52 3.26 -36.44 N | 82.04 3.84 -27.59 N | 86.49 6.66 0.03 N | 95.32 6.27 -17.53 N | 154.84 -4.45 -218.97 N | 143.09 4.83 -85.34 N | 143.45 7.88 -51.79 N | 144.21 11.14 -14.92 N | 143.98 11.06 -12.89 N | 144.42 10.19 -20.91 N | 138.51 8.32 -34.84 N | 141.51 11.04 -8.57 N | 138.00 10.15 -13.40 N | 140.05 7.97 -43.17 N | 143.11 8.12 -44.08 N | 134.43 9.86 -11.86 N | 127.86 9.92 0.00 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 56.57 3.70 -12.90 N | 56.44 3.36 -13.20 N | 60.39 4.44 0.00 N | 42.92 2.84 0.00 N | 55.84 3.26 -3.41 N | 45.33 2.75 0.00 N | 91.18 5.24 -2.01 N | 85.55 3.29 -36.44 N | 82.07 3.87 -27.59 N | 86.52 6.70 0.03 N | 95.34 6.29 -17.53 N | 154.75 -4.54 -218.97 N | 143.11 4.85 -85.34 N | 143.48 7.92 -51.79 N | 144.23 11.17 -14.92 N | 144.04 11.11 -12.89 N | 144.46 10.23 -20.91 N | 138.56 8.37 -34.84 N | 141.53 11.06 -8.57 N | 138.03 10.19 -13.40 N | 140.08 7.99 -43.17 N | 143.15 8.16 -44.08 N | 134.49 9.93 -11.86 N | 127.92 9.98 0.00 N |
| ASTORIA_GT2_1 24094 | 56.57 3.71 -12.90 N | 56.45 3.37 -13.20 N | 60.39 4.45 0.00 N | 42.93 2.86 0.00 N | 55.86 3.28 -3.41 N | 45.33 2.75 0.00 N | 91.21 5.27 -2.01 N | 85.55 3.29 -36.44 N | 82.08 3.88 -27.59 N | 86.54 6.72 0.03 N | 95.35 6.30 -17.53 N | 154.76 -4.52 -218.97 N | 143.13 4.87 -85.34 N | 143.50 7.94 -51.79 N | 144.28 11.22 -14.92 N | 144.05 11.13 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.39 -34.84 N | 141.58 11.11 -8.57 N | 138.08 10.24 -13.40 N | 140.10 8.02 -43.17 N | 143.18 8.18 -44.08 N | 134.50 9.94 -11.86 N | 127.94 10.00 0.00 N |
| ASTORIA_GT2_2 24095 | 56.57 3.71 -12.90 N | 56.45 3.37 -13.20 N | 60.39 4.45 0.00 N | 42.93 2.86 0.00 N | 55.86 3.28 -3.41 N | 45.33 2.75 0.00 N | 91.21 5.27 -2.01 N | 85.55 3.29 -36.44 N | 82.08 3.88 -27.59 N | 86.54 6.72 0.03 N | 95.35 6.30 -17.53 N | 154.76 -4.52 -218.97 N | 143.13 4.87 -85.34 N | 143.50 7.94 -51.79 N | 144.28 11.22 -14.92 N | 144.05 11.13 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.39 -34.84 N | 141.58 11.11 -8.57 N | 138.08 10.24 -13.40 N | 140.10 8.02 -43.17 N | 143.18 8.18 -44.08 N | 134.50 9.94 -11.86 N | 127.94 10.00 0.00 N |
| ASTORIA_GT2_3 24096 | 56.57 3.71 -12.90 N | 56.45 3.37 -13.20 N | 60.39 4.45 0.00 N | 42.93 2.86 0.00 N | 55.86 3.28 -3.41 N | 45.33 2.75 0.00 N | 91.21 5.27 -2.01 N | 85.55 3.29 -36.44 N | 82.08 3.88 -27.59 N | 86.54 6.72 0.03 N | 95.35 6.30 -17.53 N | 154.76 -4.52 -218.97 N | 143.13 4.87 -85.34 N | 143.50 7.94 -51.79 N | 144.28 11.22 -14.92 N | 144.05 11.13 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.39 -34.84 N | 141.58 11.11 -8.57 N | 138.08 10.24 -13.40 N | 140.10 8.02 -43.17 N | 143.18 8.18 -44.08 N | 134.50 9.94 -11.86 N | 127.94 10.00 0.00 N |

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| ASTORIA_GT2_4 24097 | 56.57 3.71 -12.90 N | 56.45 3.37 -13.20 N | 60.39 4.45 0.00 N | 42.93 2.86 0.00 N | 55.86 3.28 -3.41 N | 45.33 2.75 0.00 N | 91.21 5.27 -2.01 N | 85.55 3.29 -36.44 N | 82.08 3.88 -27.59 N | 86.54 6.72 0.03 N | 95.35 6.30 -17.53 N | 154.76 -4.52 -218.97 N | 143.13 4.87 -85.34 N | 143.50 7.94 -51.79 N | 144.28 11.22 -14.92 N | 144.05 11.13 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.39 -34.84 N | 141.58 11.11 -8.57 N | 138.08 10.24 -13.40 N | 140.10 8.02 -43.17 N | 143.18 8.18 -44.08 N | 134.50 9.94 -11.86 N | 127.94 10.00 0.00 N |
| ASTORIA_GT3_1 24098 | 56.57 3.71 -12.90 N | 56.45 3.37 -13.20 N | 60.39 4.45 0.00 N | 42.93 2.86 0.00 N | 55.86 3.28 -3.41 N | 45.33 2.75 0.00 N | 91.21 5.27 -2.01 N | 85.55 3.29 -36.44 N | 82.08 3.88 -27.59 N | 86.54 6.72 0.03 N | 95.35 6.30 -17.53 N | 154.76 -4.52 -218.97 N | 143.13 4.87 -85.34 N | 143.50 7.94 -51.79 N | 144.28 11.22 -14.92 N | 144.05 11.13 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.39 -34.84 N | 141.58 11.11 -8.57 N | 138.08 10.24 -13.40 N | 140.10 8.02 -43.17 N | 143.18 8.18 -44.08 N | 134.50 9.94 -11.86 N | 127.94 10.00 0.00 N |
| ASTORIA_GT3_2 24099 | 56.57 3.71 -12.90 N | 56.45 3.37 -13.20 N | 60.39 4.45 0.00 N | 42.93 2.86 0.00 N | 55.86 3.28 -3.41 N | 45.33 2.75 0.00 N | 91.21 5.27 -2.01 N | 85.55 3.29 -36.44 N | 82.08 3.88 -27.59 N | 86.54 6.72 0.03 N | 95.35 6.30 -17.53 N | 154.76 -4.52 -218.97 N | 143.13 4.87 -85.34 N | 143.50 7.94 -51.79 N | 144.28 11.22 -14.92 N | 144.05 11.13 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.39 -34.84 N | 141.58 11.11 -8.57 N | 138.08 10.24 -13.40 N | 140.10 8.02 -43.17 N | 143.18 8.18 -44.08 N | 134.50 9.94 -11.86 N | 127.94 10.00 0.00 N |
| ASTORIA_GT3_3 24100 | 56.57 3.71 -12.90 N | 56.45 3.37 -13.20 N | 60.39 4.45 0.00 N | 42.93 2.86 0.00 N | 55.86 3.28 -3.41 N | 45.33 2.75 0.00 N | 91.21 5.27 -2.01 N | 85.55 3.29 -36.44 N | 82.08 3.88 -27.59 N | 86.54 6.72 0.03 N | 95.35 6.30 -17.53 N | 154.76 -4.52 -218.97 N | 143.13 4.87 -85.34 N | 143.50 7.94 -51.79 N | 144.28 11.22 -14.92 N | 144.05 11.13 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.39 -34.84 N | 141.58 11.11 -8.57 N | 138.08 10.24 -13.40 N | 140.10 8.02 -43.17 N | 143.18 8.18 -44.08 N | 134.50 9.94 -11.86 N | 127.94 10.00 0.00 N |
| ASTORIA_GT3_4 24101 | 56.57 3.71 -12.90 N | 56.45 3.37 -13.20 N | 60.39 4.45 0.00 N | 42.93 2.86 0.00 N | 55.86 3.28 -3.41 N | 45.33 2.75 0.00 N | 91.21 5.27 -2.01 N | 85.55 3.29 -36.44 N | 82.08 3.88 -27.59 N | 86.54 6.72 0.03 N | 95.35 6.30 -17.53 N | 154.76 -4.52 -218.97 N | 143.13 4.87 -85.34 N | 143.50 7.94 -51.79 N | 144.28 11.22 -14.92 N | 144.05 11.13 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.39 -34.84 N | 141.58 11.11 -8.57 N | 138.08 10.24 -13.40 N | 140.10 8.02 -43.17 N | 143.18 8.18 -44.08 N | 134.50 9.94 -11.86 N | 127.94 10.00 0.00 N |
| ASTORIA_GT4_1 24102 | 56.57 3.71 -12.90 N | 56.45 3.37 -13.20 N | 60.39 4.45 0.00 N | 42.93 2.86 0.00 N | 55.86 3.28 -3.41 N | 45.33 2.75 0.00 N | 91.21 5.27 -2.01 N | 85.55 3.29 -36.44 N | 82.08 3.88 -27.59 N | 86.54 6.72 0.03 N | 95.35 6.30 -17.53 N | 154.76 -4.52 -218.97 N | 143.13 4.87 -85.34 N | 143.50 7.94 -51.79 N | 144.28 11.22 -14.92 N | 144.05 11.13 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.39 -34.84 N | 141.58 11.11 -8.57 N | 138.08 10.24 -13.40 N | 140.10 8.02 -43.17 N | 143.18 8.18 -44.08 N | 134.50 9.94 -11.86 N | 127.94 10.00 0.00 N |
| ASTORIA_GT4_2 | | | | | | | | | | | | | | | | | | | | | | | | |

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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_5 24106 | 56.57 3.71 -12.90 N | 56.45 3.37 -13.20 N | 60.39 4.45 0.00 N | 42.93 2.86 0.00 N | 55.86 3.28 -3.41 N | 45.33 2.75 0.00 N | 91.21 5.27 -2.01 N | 85.55 3.29 -36.44 N | 82.08 3.88 -27.59 N | 86.54 6.72 0.03 N | 95.35 6.30 -17.53 N | 154.76 -4.52 -218.97 N | 143.13 4.87 -85.34 N | 143.50 7.94 -51.79 N | 144.28 11.22 -14.92 N | 144.05 11.13 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.39 -34.84 N | 141.58 11.11 -8.57 N | 138.08 10.24 -13.40 N | 140.10 8.02 -43.17 N | 143.18 8.18 -44.08 N | 134.50 9.94 -11.86 N | 127.94 10.00 0.00 N | |
| ASTORIA_GT_7 24107 | 56.57 3.71 -12.90 N | 56.45 3.37 -13.20 N | 60.39 4.45 0.00 N | 42.93 2.86 0.00 N | 55.86 3.28 -3.41 N | 45.33 2.75 0.00 N | 91.21 5.27 -2.01 N | 85.55 3.29 -36.44 N | 82.08 3.88 -27.59 N | 86.54 6.72 0.03 N | 95.35 6.30 -17.53 N | 154.76 -4.52 -218.97 N | 143.13 4.87 -85.34 N | 143.50 7.94 -51.79 N | 144.28 11.22 -14.92 N | 144.05 11.13 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.39 -34.84 N | 141.58 11.11 -8.57 N | 138.08 10.24 -13.40 N | 140.10 8.02 -43.17 N | 143.18 8.18 -44.08 N | 134.50 9.94 -11.86 N | 127.94 10.00 0.00 N | |
| ASTORIA_GT_8 24108 | 56.57 3.71 -12.90 N | 56.45 3.37 -13.20 N | 60.39 4.45 0.00 N | 42.93 2.86 0.00 N | 55.86 3.28 -3.41 N | 45.33 2.75 0.00 N | 91.21 5.27 -2.01 N | 85.55 3.29 -36.44 N | 82.08 3.88 -27.59 N | 86.54 6.72 0.03 N | 95.35 6.30 -17.53 N | 154.76 -4.52 -218.97 N | 143.13 4.87 -85.34 N | 143.50 7.94 -51.79 N | 144.28 11.22 -14.92 N | 144.05 11.13 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.39 -34.84 N | 141.58 11.11 -8.57 N | 138.08 10.24 -13.40 N | 140.10 8.02 -43.17 N | 143.18 8.18 -44.08 N | 134.50 9.94 -11.86 N | 127.94 10.00 0.00 N | |
| ASTORIA___2 24149 | 56.57 3.71 -12.90 N | 56.45 3.37 -13.20 N | 60.39 4.45 0.00 N | 42.93 2.86 0.00 N | 55.86 3.28 -3.41 N | 45.33 2.75 0.00 N | 91.21 5.27 -2.01 N | 85.55 3.29 -36.44 N | 82.08 3.88 -27.59 N | 86.54 6.72 0.03 N | 95.35 6.30 -17.53 N | 154.76 -4.52 -218.97 N | 143.13 4.87 -85.34 N | 143.50 7.94 -51.79 N | 144.28 11.22 -14.92 N | 144.05 11.13 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.39 -34.84 N | 141.58 11.11 -8.57 N | 138.08 10.24 -13.40 N | 140.10 8.02 -43.17 N | 143.18 8.18 -44.08 N | 134.50 9.94 -11.86 N | 127.94 10.00 0.00 N | |
| ASTORIA___3 23516 | 56.50 3.64 -12.90 N | 56.42 3.33 -13.20 N | 60.35 4.40 0.00 N | 42.95 2.88 0.00 N | 55.90 3.33 -3.41 N | 45.37 2.78 0.00 N | 91.30 5.36 -2.01 N | 85.68 3.42 -36.44 N | 82.31 4.11 -27.59 N | 88.08 7.08 -1.15 N | 98.74 6.66 -20.57 N | 153.91 -5.38 -218.97 N | 143.29 5.03 -85.34 N | 143.78 8.22 -51.79 N | 144.64 11.57 -14.92 N | 144.49 11.57 -12.89 N | 144.89 10.65 -20.91 N | 138.90 8.71 -34.84 N | 142.01 11.54 -8.57 N | 138.47 10.63 -13.40 N | 140.39 8.31 -43.17 N | 143.42 8.42 -44.08 N | 134.71 10.14 -11.86 N | 128.13 10.19 0.00 N | |
| ASTORIA___4 23517 | 56.50 3.64 -12.90 N | 56.42 3.33 -13.20 N | 60.35 4.40 0.00 N | 42.95 2.88 0.00 N | 55.90 3.32 -3.41 N | 45.37 2.78 0.00 N | 91.30 5.36 -2.01 N | 85.68 3.42 -36.44 N | 82.31 4.11 -27.59 N | 88.08 7.08 -1.15 N | 98.74 6.65 -20.57 N | 153.91 -5.38 -218.97 N | 143.29 5.03 -85.34 N | 143.78 8.22 -51.79 N | 144.64 11.57 -14.92 N | 144.49 11.57 -12.89 N | 144.89 10.65 -20.91 N | 138.90 8.71 -34.84 N | 142.01 11.54 -8.57 N | 138.47 10.63 -13.40 N | 140.39 8.31 -43.17 N | 143.42 8.42 -44.08 N | 134.71 10.14 -11.86 N | 128.13 10.19 0.00 N | |
| ASTORIA___5 23518 | 56.50 3.64 -12.90 N | 56.42 3.33 -13.20 N | 60.35 4.40 0.00 N | 42.95 2.88 0.00 N | 55.90 3.32 -3.41 N | 45.37 2.78 0.00 N | 91.30 5.36 -2.01 N | 85.68 3.42 -36.44 N | 82.31 4.11 -27.59 N | 88.08 7.08 -1.15 N | 98.74 6.66 -20.57 N | 153.91 -5.38 -218.97 N | 143.29 5.03 -85.34 N | 143.78 8.22 -51.79 N | 144.64 11.57 -14.92 N | 144.49 11.57 -12.89 N | 144.89 10.65 -20.91 N | 138.90 8.71 -34.84 N | 142.01 11.54 -8.57 N | 138.47 10.63 -13.40 N | 140.39 8.31 -43.17 N | 143.42 8.42 -44.08 N | 134.71 10.14 -11.86 N | 128.13 10.19 0.00 N | |
| ATHENS_STG_1 23668 | 56.21 2.00 -14.25 N | 56.40 1.92 -14.59 N | 58.62 2.68 0.00 N | 41.91 1.84 0.00 N | 55.15 2.22 -3.77 N | 44.49 1.91 0.00 N | 89.82 3.67 -2.23 N | 88.21 2.13 -40.26 N | 83.49 2.40 -30.48 N | 83.71 3.88 0.03 N | 67.23 3.62 7.91 N | -161.69 -3.15 98.87 N | 37.57 2.90 18.26 N | 92.75 4.73 -4.24 N | 118.08 6.67 6.74 N | 120.71 6.50 5.82 N | 109.68 5.81 9.44 N | 84.37 4.75 15.73 N | 124.66 6.63 3.87 N | 114.49 6.10 6.05 N | 74.20 4.79 19.50 N | 75.79 4.79 19.91 N | 112.98 5.62 5.36 N | 123.62 5.68 0.00 N | |
| ATHENS_STG_2 23670 | 56.21 2.00 -14.25 N | 56.40 1.92 -14.59 N | 58.62 2.68 0.00 N | 41.91 1.84 0.00 N | 55.15 2.22 -3.77 N | 44.49 1.91 0.00 N | 89.82 3.67 -2.23 N | 88.21 2.13 -40.26 N | 83.49 2.40 -30.48 N | 83.71 3.88 0.03 N | 67.23 3.62 7.91 N | -161.69 -3.15 98.87 N | 37.57 2.90 18.26 N | 92.75 4.73 -4.24 N | 118.08 6.67 6.74 N | 120.71 6.50 5.82 N | 109.68 5.81 9.44 N | 84.37 4.75 15.73 N | 124.66 6.63 3.87 N | 114.49 6.10 6.05 N | 74.20 4.79 19.50 N | 75.79 4.79 19.91 N | 112.98 5.62 5.36 N | 123.62 5.68 0.00 N | |
| ATHENS_STG_3 23677 | 56.21 2.00 -14.25 N | 56.40 1.92 -14.59 N | 58.62 2.68 0.00 N | 41.91 1.84 0.00 N | 55.15 2.22 -3.77 N | 44.49 1.91 0.00 N | 89.82 3.67 -2.23 N | 88.21 2.13 -40.26 N | 83.49 2.40 -30.48 N | 83.71 3.88 0.03 N | 67.23 3.62 7.91 N | -161.69 -3.15 98.87 N | 37.57 2.90 18.26 N | 92.75 4.73 -4.24 N | 118.08 6.67 6.74 N | 120.71 6.50 5.82 N | 109.68 5.81 9.44 N | 84.37 4.75 15.73 N | 124.66 6.63 3.87 N | 114.49 6.10 6.05 N | 74.20 4.79 19.50 N | 75.79 4.79 19.91 N | 112.98 5.62 5.36 N | 123.62 5.68 0.00 N | |
| BARRETT_IC_1 23704 | 155.97 4.02 -111.98 N | 123.72 3.67 -80.17 N | 62.61 4.88 -1.78 N | 43.29 3.21 -0.01 N | 56.25 3.67 -3.42 N | 45.76 3.17 0.00 N | 91.86 5.92 -2.02 N | 86.13 3.86 -36.46 N | 87.18 4.56 -32.01 N | 166.66 7.64 -79.16 N | 138.34 6.86 -59.97 N | 153.89 -5.54 -219.11 N | 143.42 4.50 -85.99 N | 143.29 7.71 -51.80 N | 143.98 10.92 -14.93 N | 143.76 10.83 -12.89 N | 144.89 9.88 -21.69 N | 138.61 8.40 -34.85 N | 141.99 11.52 -8.57 N | 139.94 10.70 -14.80 N | 141.28 8.28 -44.10 N | 143.37 8.36 -44.10 N | 135.43 10.49 -12.23 N | 128.55 10.61 -0.01 N | |
| BARRETT_IC_10 23701 | 155.97 4.02 -111.98 N | 123.72 3.67 -80.17 N | 62.61 4.88 -1.78 N | 43.29 3.21 -0.01 N | 56.25 3.67 -3.42 N | 45.76 3.17 0.00 N | 91.86 5.92 -2.02 N | 86.13 3.86 -36.46 N | 87.18 4.56 -32.01 N | 166.66 7.64 -79.16 N | 138.34 6.86 -59.97 N | 153.89 -5.54 -219.11 N | 143.42 4.50 -85.99 N | 143.29 7.71 -51.80 N | 143.98 10.92 -14.93 N | 143.76 10.83 -12.89 N | 144.89 9.88 -21.69 N | 138.61 8.40 -34.85 N | 141.99 11.52 -8.57 N | 139.94 10.70 -14.80 N | 141.28 8.28 -44.10 N | 143.37 8.36 -44.10 N | 135.43 10.49 -12.23 N | 128.55 10.61 -0.01 N | |
| BARRETT_IC_11 23702 | 155.97 4.02 -111.98 N | 123.72 3.67 -80.17 N | 62.61 4.88 -1.78 N | 43.29 3.21 -0.01 N | 56.25 3.67 -3.42 N | 45.76 3.17 0.00 N | 91.86 5.92 -2.02 N | 86.13 3.86 -36.46 N | 87.18 4.56 -32.01 N | 166.66 7.64 -79.16 N | 138.34 6.86 -59.97 N | 153.89 -5.54 -219.11 N | 143.42 4.50 -85.99 N | 143.29 7.71 -51.80 N | 143.98 10.92 -14.93 N | 143.76 10.83 -12.89 N | 144.89 9.88 -21.69 N | 138.61 8.40 -34.85 N | 141.99 11.52 -8.57 N | 139.94 10.70 -14.80 N | 141.28 8.28 -44.10 N | 143.37 8.36 -44.10 N | 135.43 10.49 -12.23 N | 128.55 10.61 -0.01 N | |
| BARRETT_IC_12 | 155.97 | 123.72 | 62.61 | 43.29 | 56.25 | 45.76 | 91.86 | 86.13 | 87.18 | 166.66 | 138.34 | 153.89 | 143.42 | 143.29 | 143.98 | 143.76 | 144.89 | 138.61 | 141.99 | 139.94 | 141.28 | 143.37 | 135.43 | 128.55 | |

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| 23703 | 4.02 -111.98 N | 3.67 -80.17 N | 4.88 -1.78 N | 3.21 -0.01 N | 3.67 -3.42 N | 3.17 0.00 N | 5.92 -2.02 N | 3.86 -36.46 N | 4.56 -32.01 N | 7.64 -79.16 N | 6.86 -59.97 N | -5.54 -219.11 N | 4.50 -85.99 N | 7.71 -51.80 N | 10.92 -14.93 N | 10.83 -12.89 N | 9.88 -21.69 N | 8.40 -34.85 N | 11.52 -8.57 N | 10.70 -14.80 N | 8.28 -44.10 N | 8.36 -44.10 N | 10.49 -12.23 N | 10.61 -0.01 N |
| BARRETT_IC_2 23705 | 155.97 4.02 -111.98 N | 123.72 3.67 -80.17 N | 62.61 4.88 -1.78 N | 43.29 3.21 -0.01 N | 56.25 3.67 -3.42 N | 45.76 3.17 0.00 N | 91.86 5.92 -2.02 N | 86.13 3.86 -36.46 N | 87.18 4.56 -32.01 N | 166.66 7.64 -79.16 N | 138.34 6.86 -59.97 N | 153.89 -5.54 -219.11 N | 143.42 4.50 -85.99 N | 143.29 7.71 -51.80 N | 143.98 10.92 -14.93 N | 143.76 10.83 -12.89 N | 144.89 9.88 -21.69 N | 138.61 8.40 -34.85 N | 141.99 11.52 -8.57 N | 139.94 10.70 -14.80 N | 141.28 8.28 -44.10 N | 143.37 8.36 -44.10 N | 135.43 10.49 -12.23 N | 128.55 10.61 -0.01 N |
| BARRETT_IC_3 23706 | 155.97 4.02 -111.98 N | 123.72 3.67 -80.17 N | 62.61 4.88 -1.78 N | 43.29 3.21 -0.01 N | 56.25 3.67 -3.42 N | 45.76 3.17 0.00 N | 91.86 5.92 -2.02 N | 86.13 3.86 -36.46 N | 87.18 4.56 -32.01 N | 166.66 7.64 -79.16 N | 138.34 6.86 -59.97 N | 153.89 -5.54 -219.11 N | 143.42 4.50 -85.99 N | 143.29 7.71 -51.80 N | 143.98 10.92 -14.93 N | 143.76 10.83 -12.89 N | 144.89 9.88 -21.69 N | 138.61 8.40 -34.85 N | 141.99 11.52 -8.57 N | 139.94 10.70 -14.80 N | 141.28 8.28 -44.10 N | 143.37 8.36 -44.10 N | 135.43 10.49 -12.23 N | 128.55 10.61 -0.01 N |
| BARRETT_IC_4 23707 | 155.97 4.02 -111.98 N | 123.72 3.67 -80.17 N | 62.61 4.88 -1.78 N | 43.29 3.21 -0.01 N | 56.25 3.67 -3.42 N | 45.76 3.17 0.00 N | 91.86 5.92 -2.02 N | 86.13 3.86 -36.46 N | 87.18 4.56 -32.01 N | 166.66 7.64 -79.16 N | 138.34 6.86 -59.97 N | 153.89 -5.54 -219.11 N | 143.42 4.50 -85.99 N | 143.29 7.71 -51.80 N | 143.98 10.92 -14.93 N | 143.76 10.83 -12.89 N | 144.89 9.88 -21.69 N | 138.61 8.40 -34.85 N | 141.99 11.52 -8.57 N | 139.94 10.70 -14.80 N | 141.28 8.28 -44.10 N | 143.37 8.36 -44.10 N | 135.43 10.49 -12.23 N | 128.55 10.61 -0.01 N |
| BARRETT_IC_5 23708 | 155.97 4.02 -111.98 N | 123.72 3.67 -80.17 N | 62.61 4.88 -1.78 N | 43.29 3.21 -0.01 N | 56.25 3.67 -3.42 N | 45.76 3.17 0.00 N | 91.86 5.92 -2.02 N | 86.13 3.86 -36.46 N | 87.18 4.56 -32.01 N | 166.66 7.64 -79.16 N | 138.34 6.86 -59.97 N | 153.89 -5.54 -219.11 N | 143.42 4.50 -85.99 N | 143.29 7.71 -51.80 N | 143.98 10.92 -14.93 N | 143.76 10.83 -12.89 N | 144.89 9.88 -21.69 N | 138.61 8.40 -34.85 N | 141.99 11.52 -8.57 N | 139.94 10.70 -14.80 N | 141.28 8.28 -44.10 N | 143.37 8.36 -44.10 N | 135.43 10.49 -12.23 N | 128.55 10.61 -0.01 N |
| BARRETT_IC_6 23709 | 155.97 4.02 -111.98 N | 123.72 3.67 -80.17 N | 62.61 4.88 -1.78 N | 43.29 3.21 -0.01 N | 56.25 3.67 -3.42 N | 45.76 3.17 0.00 N | 91.86 5.92 -2.02 N | 86.13 3.86 -36.46 N | 87.18 4.56 -32.01 N | 166.66 7.64 -79.16 N | 138.34 6.86 -59.97 N | 153.89 -5.54 -219.11 N | 143.42 4.50 -85.99 N | 143.29 7.71 -51.80 N | 143.98 10.92 -14.93 N | 143.76 10.83 -12.89 N | 144.89 9.88 -21.69 N | 138.61 8.40 -34.85 N | 141.99 11.52 -8.57 N | 139.94 10.70 -14.80 N | 141.28 8.28 -44.10 N | 143.37 8.36 -44.10 N | 135.43 10.49 -12.23 N | 128.55 10.61 -0.01 N |
| BARRETT_IC_7 23710 | 155.97 4.02 -111.98 N | 123.72 3.67 -80.17 N | 62.61 4.88 -1.78 N | 43.29 3.21 -0.01 N | 56.25 3.67 -3.42 N | 45.76 3.17 0.00 N | 91.86 5.92 -2.02 N | 86.13 3.86 -36.46 N | 87.18 4.56 -32.01 N | 166.66 7.64 -79.16 N | 138.34 6.86 -59.97 N | 153.89 -5.54 -219.11 N | 143.42 4.50 -85.99 N | 143.29 7.71 -51.80 N | 143.98 10.92 -14.93 N | 143.76 10.83 -12.89 N | 144.89 9.88 -21.69 N | 138.61 8.40 -34.85 N | 141.99 11.52 -8.57 N | 139.94 10.70 -14.80 N | 141.28 8.28 -44.10 N | 143.37 8.36 -44.10 N | 135.43 10.49 -12.23 N | 128.55 10.61 -0.01 N |
| BARRETT_IC_8 23711 | 155.97 4.02 -111.98 N | 123.72 3.67 -80.17 N | 62.61 4.88 -1.78 N | 43.29 3.21 -0.01 N | 56.25 3.67 -3.42 N | 45.76 3.17 0.00 N | 91.86 5.92 -2.02 N | 86.13 3.86 -36.46 N | 87.18 4.56 -32.01 N | 166.66 7.64 -79.16 N | 138.34 6.86 -59.97 N | 153.89 -5.54 -219.11 N | 143.42 4.50 -85.99 N | 143.29 7.71 -51.80 N | 143.98 10.92 -14.93 N | 143.76 10.83 -12.89 N | 144.89 9.88 -21.69 N | 138.61 8.40 -34.85 N | 141.99 11.52 -8.57 N | 139.94 10.70 -14.80 N | 141.28 8.28 -44.10 N | 143.37 8.36 -44.10 N | 135.43 10.49 -12.23 N | 128.55 10.61 -0.01 N |
| BARRETT_IC_9 23700 | 155.97 4.02 -111.98 N | 123.72 3.67 -80.17 N | 62.61 4.88 -1.78 N | 43.29 3.21 -0.01 N | 56.25 3.67 -3.42 N | 45.76 3.17 0.00 N | 91.86 5.92 -2.02 N | 86.13 3.86 -36.46 N | 87.18 4.56 -32.01 N | 166.66 7.64 -79.16 N | 138.34 6.86 -59.97 N | 153.89 -5.54 -219.11 N | 143.42 4.50 -85.99 N | 143.29 7.71 -51.80 N | 143.98 10.92 -14.93 N | 143.76 10.83 -12.89 N | 144.89 9.88 -21.69 N | 138.61 8.40 -34.85 N | 141.99 11.52 -8.57 N | 139.94 10.70 -14.80 N | 141.28 8.28 -44.10 N | 143.37 8.36 -44.10 N | 135.43 10.49 -12.23 N | 128.55 10.61 -0.01 N |
| BARRETT___1 23545 | 155.97 4.02 -111.98 N | 123.72 3.67 -80.17 N | 62.61 4.88 -1.78 N | 43.29 3.21 -0.01 N | 56.25 3.67 -3.42 N | 45.76 3.17 0.00 N | 91.86 5.92 -2.02 N | 86.13 3.86 -36.46 N | 87.18 4.56 -32.01 N | 166.66 7.64 -79.16 N | 138.34 6.86 -59.97 N | 153.89 -5.54 -219.11 N | 143.42 4.50 -85.99 N | 143.29 7.71 -51.80 N | 143.98 10.92 -14.93 N | 143.76 10.83 -12.89 N | 144.89 9.88 -21.69 N | 138.61 8.40 -34.85 N | 141.99 11.52 -8.57 N | 139.94 10.70 -14.80 N | 141.28 8.28 -44.10 N | 143.37 8.36 -44.10 N | 135.43 10.49 -12.23 N | 128.55 10.61 -0.01 N |
| BARRETT___2 23546 | 155.97 4.02 -111.98 N | 123.72 3.67 -80.17 N | 62.61 4.88 -1.78 N | 43.29 3.21 -0.01 N | 56.25 3.67 -3.42 N | 45.76 3.17 0.00 N | 91.86 5.92 -2.02 N | 86.13 3.86 -36.46 N | 87.18 4.56 -32.01 N | 166.66 7.64 -79.16 N | 138.34 6.86 -59.97 N | 153.89 -5.54 -219.11 N | 143.42 4.50 -85.99 N | 143.29 7.71 -51.80 N | 143.98 10.92 -14.93 N | 143.76 10.83 -12.89 N | 144.89 9.88 -21.69 N | 138.61 8.40 -34.85 N | 141.99 11.52 -8.57 N | 139.94 10.70 -14.80 N | 141.28 8.28 -44.10 N | 143.37 8.36 -44.10 N | 135.43 10.49 -12.23 N | 128.55 10.61 -0.01 N |
| BEAVER RIVER___HYD 24048 | 40.08 0.11 0.00 N | 39.87 -0.01 0.00 N | 55.81 -0.13 0.00 N | 39.98 -0.10 0.00 N | 49.09 -0.07 0.00 N | 42.49 -0.09 0.00 N | 83.66 -0.27 0.00 N | 45.73 -0.09 0.00 N | 50.65 0.05 0.00 N | 80.48 0.62 0.00 N | 72.24 0.72 0.00 N | -60.46 -0.78 0.00 N | 53.54 0.62 0.00 N | 84.77 1.00 0.00 N | 119.37 1.23 0.00 N | 121.21 1.17 0.00 N | 114.38 1.06 0.00 N | 96.40 1.05 0.00 N | 123.19 1.28 0.00 N | 115.76 1.31 0.00 N | 89.86 0.95 0.00 N | 92.22 1.31 0.00 N | 113.86 1.15 0.00 N | 118.68 0.74 0.00 N |
| BEEBEE_GT_13 23619 | 39.70 -1.70 -1.43 N | 39.61 -1.74 -1.47 N | 53.20 -2.75 0.00 N | 38.10 -1.98 0.00 N | 47.09 -2.45 -0.38 N | 40.30 -2.28 0.00 N | 79.60 -4.54 -0.22 N | 47.57 -2.29 -4.04 N | 51.21 -2.46 -3.06 N | 73.67 -4.02 2.17 N | 68.82 -2.70 0.00 N | -58.34 1.34 0.00 N | 53.77 -0.60 -1.45 N | 84.97 -0.77 -1.97 N | 117.60 -0.55 0.00 N | 120.53 0.50 0.00 N | 114.27 0.94 0.00 N | 95.20 -0.15 0.00 N | 120.05 -1.85 0.00 N | 112.83 -1.62 0.00 N | 87.24 -1.67 0.00 N | 89.71 -1.21 0.00 N | 109.25 -3.46 0.00 N | 114.61 -3.33 0.00 N |
| BETHLEHEM___GRP 23843 | 58.49 2.12 -16.40 N | 58.78 2.11 -16.79 N | 58.91 2.96 0.00 N | 42.17 2.09 0.00 N | 56.04 2.54 -4.34 N | 44.76 2.18 0.00 N | 90.86 4.38 -2.56 N | 94.45 2.39 -46.25 N | 88.13 2.51 -35.02 N | 83.64 3.81 0.02 N | 75.68 3.58 -0.58 N | -55.66 -3.23 -7.24 N | 75.02 3.13 -18.96 N | 112.21 4.97 -23.47 N | 124.51 6.37 0.00 N | 126.08 6.05 0.00 N | 118.58 5.26 0.00 N | 99.72 4.37 0.00 N | 128.39 6.48 0.00 N | 120.49 6.04 0.00 N | 93.60 4.69 0.00 N | 95.53 4.61 0.00 N | 118.07 5.36 0.00 N | 123.55 5.62 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|
| BETHLEHEM___GS1 323560 | 58.49 2.12 -16.40 N | 58.78 2.11 -16.79 N | 58.91 2.96 0.00 N | 42.17 2.09 0.00 N | 56.04 2.54 -4.34 N | 44.76 2.18 0.00 N | 90.86 4.38 -2.56 N | 94.45 2.39 -46.25 N | 88.13 2.51 -35.02 N | 83.64 3.81 0.02 N | 75.68 3.58 -0.58 N | -55.66 -3.23 -7.24 N | 75.02 3.13 -18.96 N | 112.21 4.97 -23.47 N | 124.51 6.37 0.00 N | 126.08 6.05 0.00 N | 118.58 5.26 0.00 N | 99.72 4.37 0.00 N | 128.39 6.48 0.00 N | 120.49 6.04 0.00 N | 93.60 4.69 0.00 N | 95.53 4.61 0.00 N | 118.07 5.36 0.00 N | 123.55 5.62 0.00 N |
| BETHLEHEM___GS2 323561 | 58.49 2.12 -16.40 N | 58.78 2.11 -16.79 N | 58.91 2.96 0.00 N | 42.17 2.09 0.00 N | 56.04 2.54 -4.34 N | 44.76 2.18 0.00 N | 90.86 4.38 -2.56 N | 94.45 2.39 -46.25 N | 88.13 2.51 -35.02 N | 83.64 3.81 0.02 N | 75.68 3.58 -0.58 N | -55.66 -3.23 -7.24 N | 75.02 3.13 -18.96 N | 112.21 4.97 -23.47 N | 124.51 6.37 0.00 N | 126.08 6.05 0.00 N | 118.58 5.26 0.00 N | 99.72 4.37 0.00 N | 128.39 6.48 0.00 N | 120.49 6.04 0.00 N | 93.60 4.69 0.00 N | 95.53 4.61 0.00 N | 118.07 5.36 0.00 N | 123.55 5.62 0.00 N |
| BETHLEHEM___GS3 323562 | 58.49 2.12 -16.40 N | 58.78 2.11 -16.79 N | 58.91 2.96 0.00 N | 42.17 2.09 0.00 N | 56.04 2.54 -4.34 N | 44.76 2.18 0.00 N | 90.86 4.38 -2.56 N | 94.45 2.39 -46.25 N | 88.13 2.51 -35.02 N | 83.64 3.81 0.02 N | 75.68 3.58 -0.58 N | -55.66 -3.23 -7.24 N | 75.02 3.13 -18.96 N | 112.21 4.97 -23.47 N | 124.51 6.37 0.00 N | 126.08 6.05 0.00 N | 118.58 5.26 0.00 N | 99.72 4.37 0.00 N | 128.39 6.48 0.00 N | 120.49 6.04 0.00 N | 93.60 4.69 0.00 N | 95.53 4.61 0.00 N | 118.07 5.36 0.00 N | 123.55 5.62 0.00 N |
| BETHLEHEM___STEEL 23779 | 37.55 -4.40 -1.98 N | 37.57 -4.35 -2.03 N | 49.66 -6.29 0.00 N | 35.65 -4.43 0.00 N | 44.26 -5.43 -0.53 N | 37.71 -4.87 0.00 N | 74.79 -9.45 -0.31 N | 46.32 -5.10 -5.61 N | 48.88 -5.96 -4.24 N | 67.59 -10.44 1.83 N | 63.02 -8.49 0.00 N | -54.02 5.66 0.00 N | 50.16 -4.77 -2.01 N | 79.19 -7.31 -2.73 N | 108.40 -9.74 0.00 N | 111.56 -8.48 0.00 N | 106.06 -7.26 0.00 N | 87.62 -7.73 0.00 N | 109.70 -12.20 0.00 N | 103.57 -10.87 0.00 N | 79.80 -9.11 0.00 N | 81.96 -8.95 0.00 N | 99.53 -13.18 0.00 N | 106.10 -11.84 0.00 N |
| BETHPAGE_CC_5 323564 | 137.77 4.23 -93.58 N | 60.59 3.84 -16.87 N | 61.05 5.11 0.00 N | 43.42 3.34 0.00 N | 56.37 3.80 -3.41 N | 45.84 3.26 0.00 N | 92.11 6.17 -2.01 N | 86.30 4.04 -36.45 N | 84.34 4.75 -28.98 N | 99.79 8.15 -11.77 N | 134.77 7.43 -55.82 N | 153.33 -6.02 -219.03 N | 143.69 4.77 -85.99 N | 143.78 8.20 -51.80 N | 144.74 11.67 -14.93 N | 144.39 11.46 -12.89 N | 145.52 10.51 -21.69 N | 139.03 8.83 -34.85 N | 142.51 12.04 -8.57 N | 139.12 11.27 -13.40 N | 140.98 8.71 -43.36 N | 143.88 8.87 -44.10 N | 135.93 10.99 -12.23 N | 128.90 10.96 0.00 N |
| BINGHAMTON___COGEN 23790 | 43.56 -0.60 -4.19 N | 43.52 -0.65 -4.30 N | 54.92 -1.03 0.00 N | 39.32 -0.76 0.00 N | 49.32 -0.95 -1.11 N | 41.66 -0.92 0.00 N | 83.00 -1.58 -0.66 N | 56.88 -0.79 -11.85 N | 58.76 -0.81 -8.97 N | 78.46 -1.22 0.17 N | 71.37 -0.75 -0.60 N | -52.22 -0.02 -7.48 N | 59.69 0.05 -6.71 N | 91.27 0.56 -6.94 N | 119.63 0.98 -0.51 N | 122.07 1.60 -0.44 N | 115.49 1.45 -0.72 N | 96.93 0.39 -1.19 N | 122.42 0.23 -0.29 N | 115.12 0.21 -0.46 N | 90.40 0.02 -1.47 N | 92.26 -0.16 -1.51 N | 112.15 -0.97 -0.40 N | 117.04 -0.90 0.00 N |
| BLACK RIVER___HYD 24047 | 40.54 0.13 -0.44 N | 40.29 -0.04 -0.45 N | 55.70 -0.25 0.00 N | 39.89 -0.19 0.00 N | 49.08 -0.20 -0.12 N | 42.38 -0.20 0.00 N | 83.63 -0.36 -0.07 N | 46.96 -0.09 -1.23 N | 51.70 0.16 -0.93 N | 80.78 0.92 0.00 N | 72.63 1.11 0.00 N | -60.83 -1.15 0.00 N | 54.47 1.11 -0.44 N | 86.24 1.87 -0.60 N | 120.63 2.49 0.00 N | 122.66 2.62 0.00 N | 115.82 2.49 0.00 N | 97.50 2.15 0.00 N | 124.52 2.63 0.00 N | 116.94 2.49 0.00 N | 90.63 1.72 0.00 N | 92.85 1.94 0.00 N | 114.30 1.59 0.00 N | 118.86 0.92 0.00 N |
| BLISS_WT_PWR 323608 | 38.09 -3.97 -2.09 N | 37.69 -4.33 -2.14 N | 49.32 -6.63 0.00 N | 35.41 -4.67 0.00 N | 43.93 -5.79 -0.55 N | 37.30 -5.28 0.00 N | 73.81 -10.44 -0.33 N | 46.57 -5.15 -5.90 N | 49.76 -5.32 -4.47 N | 69.35 -8.78 1.73 N | 64.66 -6.86 0.00 N | -55.49 4.18 0.00 N | 51.26 -3.77 -2.11 N | 81.06 -5.59 -2.88 N | 111.59 -6.56 0.00 N | 114.50 -5.53 0.00 N | 109.89 -3.44 0.00 N | 90.89 -4.46 0.00 N | 114.53 -7.38 0.00 N | 107.92 -6.52 0.00 N | 83.34 -5.57 0.00 N | 85.64 -5.28 0.00 N | 103.97 -8.74 0.00 N | 109.04 -8.90 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 58.18 2.00 -16.22 N | 58.46 1.97 -16.61 N | 58.73 2.79 0.00 N | 42.03 1.95 0.00 N | 55.87 2.41 -4.29 N | 44.65 2.07 0.00 N | 90.51 4.06 -2.53 N | 93.86 2.31 -45.73 N | 87.54 2.31 -34.62 N | 83.12 3.29 0.03 N | 74.25 2.74 0.00 N | -61.98 -2.30 0.00 N | 71.47 2.16 -16.38 N | 109.63 3.54 -22.32 N | 123.39 5.25 0.00 N | 124.95 4.91 0.00 N | 117.53 4.21 0.00 N | 98.78 3.43 0.00 N | 126.92 5.02 0.00 N | 119.06 4.62 0.00 N | 92.57 3.66 0.00 N | 94.53 3.61 0.00 N | 116.88 4.17 0.00 N | 122.70 4.76 0.00 N |
| BOC_GAS_DRP 24189 | 58.02 1.67 -16.38 N | 58.29 1.63 -16.78 N | 58.26 2.31 0.00 N | 41.69 1.62 0.00 N | 55.49 1.99 -4.34 N | 44.29 1.71 0.00 N | 89.82 3.34 -2.55 N | 93.87 1.86 -46.20 N | 87.59 2.01 -34.98 N | 82.88 3.04 0.02 N | 73.28 2.67 0.91 N | -73.21 -2.21 11.32 N | 67.88 2.14 -12.81 N | 108.15 3.54 -20.84 N | 122.58 5.12 0.68 N | 124.31 4.86 0.59 N | 116.57 4.19 0.95 N | 97.20 3.43 1.58 N | 126.56 5.04 0.39 N | 118.50 4.67 0.61 N | 90.63 3.68 1.96 N | 92.51 3.61 2.00 N | 116.35 4.18 0.54 N | 122.33 4.39 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 58.80 2.47 -16.37 N | 59.05 2.41 -16.76 N | 59.45 3.50 0.00 N | 42.62 2.54 0.00 N | 56.53 3.03 -4.34 N | 45.23 2.65 0.00 N | 92.08 5.61 -2.55 N | 95.22 3.21 -46.19 N | 89.02 3.44 -34.97 N | 84.76 4.93 0.02 N | 77.59 4.42 -1.66 N | -42.85 -3.90 -20.73 N | 80.06 3.74 -23.38 N | 115.48 6.00 -25.71 N | 127.62 8.17 -1.31 N | 128.40 7.24 -1.12 N | 120.96 5.81 -1.83 N | 103.46 5.07 -3.04 N | 130.56 7.91 -0.75 N | 122.76 7.14 -1.17 N | 98.40 5.72 -3.76 N | 100.19 5.43 -3.85 N | 120.43 6.69 -1.03 N | 125.08 7.13 0.00 N |
| BOWLINE___1 23526 | 55.50 2.96 -12.58 N | 55.44 2.68 -12.88 N | 59.45 3.50 0.00 N | 42.39 2.31 0.00 N | 55.17 2.68 -3.33 N | 44.83 2.25 0.00 N | 90.20 4.31 -1.97 N | 84.19 2.81 -35.56 N | 80.94 3.41 -26.92 N | 85.74 5.91 0.03 N | 93.70 5.51 -16.68 N | 143.98 -4.68 -208.35 N | 138.73 4.29 -81.52 N | 140.57 7.09 -49.71 N | 142.40 10.06 -14.20 N | 142.42 10.12 -12.26 N | 142.63 9.41 -19.90 N | 136.12 7.62 -33.15 N | 140.14 10.09 -8.15 N | 136.44 9.25 -12.75 N | 137.25 7.26 -41.08 N | 140.20 7.34 -41.94 N | 132.67 8.69 -11.28 N | 126.44 8.50 0.00 N |
| BOWLINE___2 23595 | 55.50 2.96 -12.58 N | 55.44 2.68 -12.88 N | 59.46 3.51 0.00 N | 42.39 2.32 0.00 N | 55.17 2.68 -3.33 N | 44.83 2.25 0.00 N | 90.20 4.31 -1.97 N | 84.20 2.82 -35.56 N | 80.95 3.41 -26.93 N | 85.74 5.91 0.03 N | 93.71 5.51 -16.69 N | 144.04 -4.68 -208.40 N | 138.75 4.29 -81.53 N | 140.58 7.09 -49.72 N | 142.40 10.06 -14.20 N | 142.44 10.14 -12.27 N | 142.64 9.41 -19.90 N | 136.13 7.62 -33.16 N | 140.17 10.11 -8.15 N | 136.45 9.25 -12.75 N | 137.26 7.26 -41.09 N | 140.21 7.34 -41.95 N | 132.70 8.71 -11.28 N | 126.45 8.51 0.00 N |
| BROOKHAVEN___DRP 24191 | 138.16 5.58 -92.62 N | 58.55 5.11 -13.56 N | 62.55 6.69 0.09 N | 44.48 4.41 0.00 N | 57.63 5.05 -3.41 N | 47.00 4.42 0.00 N | 94.41 8.47 -2.01 N | 87.72 5.45 -36.45 N | 85.04 5.61 -28.82 N | 97.63 9.46 -8.31 N | 135.69 8.56 -55.61 N | 152.58 -6.77 -219.03 N | 143.74 4.82 -85.99 N | 144.03 8.45 -51.80 N | 145.03 11.96 -14.93 N | 144.78 11.85 -12.89 N | 145.55 10.54 -21.69 N | 139.21 9.01 -34.85 N | 142.69 12.22 -8.57 N | 139.36 11.59 -13.33 N | 140.84 8.61 -43.32 N | 143.62 8.61 -44.10 N | 136.62 11.68 -12.23 N | 129.58 11.64 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 |
|----------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|---|
| BROOKLYN_NAVY_YARD 23515 | 56.32 3.46 -12.89 N | 56.24 3.16 -13.20 N | 60.10 4.15 0.00 N | 42.79 2.71 0.00 N | 55.72 3.14 -3.41 N | 45.19 2.61 0.00 N | 90.91 4.97 -2.01 N | 85.45 3.19 -36.44 N | 82.04 3.84 -27.59 N | 86.45 6.62 0.03 N | 95.29 6.24 -17.53 N | 153.99 -5.29 -218.96 N | 143.01 4.75 -85.34 N | 143.37 7.81 -51.79 N | 144.04 10.98 -14.92 N | 143.80 10.88 -12.89 N | 144.32 10.08 -20.91 N | 138.44 8.25 -34.84 N | 141.47 11.00 -8.57 N | 137.89 10.05 -13.40 N | 139.99 7.91 -43.17 N | 143.00 8.00 -44.08 N | 134.23 9.66 -11.86 N | 127.47 9.53 0.00 N | |
| BROOKLYN___ARMY_DRP 323595 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N | |
| BROOME___LFGE 323600 | 43.56 -0.60 -4.19 N | 43.52 -0.65 -4.30 N | 54.92 -1.03 0.00 N | 39.32 -0.76 0.00 N | 49.32 -0.95 -1.11 N | 41.66 -0.92 0.00 N | 83.00 -1.58 -0.66 N | 56.88 -0.79 -11.85 N | 58.76 -0.81 -8.97 N | 78.46 -1.22 0.17 N | 71.37 -0.75 -0.60 N | -52.22 -0.02 -7.48 N | 59.69 0.05 -6.71 N | 91.27 0.56 -6.94 N | 119.63 0.98 -0.51 N | 122.07 1.60 -0.44 N | 115.49 1.45 -0.72 N | 96.93 0.39 -1.19 N | 122.42 0.23 -0.29 N | 115.12 0.21 -0.46 N | 90.40 0.02 -1.47 N | 92.26 -0.16 -1.51 N | 112.15 -0.97 -0.40 N | 117.04 -0.90 0.00 N | |
| BURROWS___LYONSDAL 23803 | 40.18 0.21 0.00 N | 39.99 0.11 0.00 N | 56.00 0.06 0.00 N | 40.13 0.06 0.00 N | 49.27 0.11 0.00 N | 42.64 0.05 0.00 N | 84.07 0.14 0.00 N | 45.99 0.17 0.00 N | 50.95 0.34 0.00 N | 80.78 0.92 0.00 N | 72.53 1.01 0.00 N | -60.76 -1.08 0.00 N | 53.83 0.91 0.00 N | 85.28 1.51 0.00 N | 120.14 2.00 0.00 N | 122.11 2.07 0.00 N | 115.20 1.88 0.00 N | 96.94 1.59 0.00 N | 123.83 1.92 0.00 N | 116.33 1.88 0.00 N | 90.33 1.42 0.00 N | 92.54 1.62 0.00 N | 114.21 1.50 0.00 N | 119.16 1.22 0.00 N | |
| CALPINE_BETH_PAGE_GT4 24209 | 138.22 4.33 -93.93 N | 61.90 3.95 -18.07 N | 61.22 5.24 -0.03 N | 43.51 3.43 0.00 N | 56.50 3.92 -3.41 N | 45.95 3.36 0.00 N | 92.31 6.37 -2.01 N | 86.42 4.15 -36.45 N | 84.55 4.91 -29.04 N | 101.35 8.41 -13.08 N | 135.14 7.72 -55.90 N | 153.15 -6.20 -219.03 N | 143.94 5.02 -85.99 N | 144.12 8.54 -51.80 N | 145.22 12.15 -14.93 N | 144.92 12.00 -12.89 N | 146.01 10.99 -21.69 N | 139.44 9.24 -34.85 N | 143.01 12.54 -8.57 N | 139.60 11.73 -13.43 N | 141.38 9.10 -43.37 N | 144.27 9.26 -44.10 N | 136.38 11.44 -12.23 N | 129.32 11.38 0.00 N | |
| CALPINE_BETH_PAGE_GT_4 323586 | 138.22 4.33 -93.93 N | 61.90 3.95 -18.07 N | 61.22 5.24 -0.03 N | 43.51 3.43 0.00 N | 56.50 3.92 -3.41 N | 45.95 3.36 0.00 N | 92.31 6.37 -2.01 N | 86.42 4.15 -36.45 N | 84.55 4.91 -29.04 N | 101.35 8.41 -13.08 N | 135.14 7.72 -55.90 N | 153.15 -6.20 -219.03 N | 143.94 5.02 -85.99 N | 144.12 8.54 -51.80 N | 145.22 12.15 -14.93 N | 144.92 12.00 -12.89 N | 146.01 10.99 -21.69 N | 139.44 9.24 -34.85 N | 143.01 12.54 -8.57 N | 139.60 11.73 -13.43 N | 141.38 9.10 -43.37 N | 144.27 9.26 -44.10 N | 136.38 11.44 -12.23 N | 129.32 11.38 0.00 N | |
| CALPINE_BP_GT1 23823 | 138.22 4.33 -93.93 N | 61.90 3.95 -18.07 N | 61.22 5.24 -0.03 N | 43.51 3.43 0.00 N | 56.50 3.92 -3.41 N | 45.95 3.36 0.00 N | 92.31 6.37 -2.01 N | 86.42 4.15 -36.45 N | 84.55 4.91 -29.04 N | 101.35 8.41 -13.08 N | 135.14 7.72 -55.90 N | 153.15 -6.20 -219.03 N | 143.94 5.02 -85.99 N | 144.12 8.54 -51.80 N | 145.22 12.15 -14.93 N | 144.92 12.00 -12.89 N | 146.01 10.99 -21.69 N | 139.44 9.24 -34.85 N | 143.01 12.54 -8.57 N | 139.60 11.73 -13.43 N | 141.38 9.10 -43.37 N | 144.27 9.26 -44.10 N | 136.38 11.44 -12.23 N | 129.32 11.38 0.00 N | |
| CALSPAN___DRP 24200 | 37.55 -4.40 -1.98 N | 37.57 -4.35 -2.03 N | 49.66 -6.29 0.00 N | 35.65 -4.43 0.00 N | 44.26 -5.43 -0.53 N | 37.71 -4.87 0.00 N | 74.79 -9.45 -0.31 N | 46.32 -5.10 -5.61 N | 48.88 -5.96 -4.24 N | 67.59 -10.44 1.83 N | 63.02 -8.49 0.00 N | -54.02 5.66 0.00 N | 50.16 -4.77 -2.01 N | 79.19 -7.31 -2.73 N | 108.40 -9.74 0.00 N | 111.56 -8.48 0.00 N | 106.06 -7.26 0.00 N | 87.62 -7.73 0.00 N | 109.70 -12.20 0.00 N | 103.57 -10.87 0.00 N | 79.80 -9.11 0.00 N | 81.96 -8.95 0.00 N | 99.53 -13.18 0.00 N | 106.10 -11.84 0.00 N | |
| CARR STREET_E_SYR 24060 | 40.21 -0.80 -1.04 N | 40.10 -0.84 -1.06 N | 54.62 -1.32 0.00 N | 39.16 -0.92 0.00 N | 48.31 -1.13 -0.27 N | 41.53 -1.05 0.00 N | 82.09 -2.00 -0.16 N | 47.73 -1.01 -2.93 N | 51.80 -1.03 -2.22 N | 78.23 -1.63 0.00 N | 70.35 -1.17 0.00 N | -59.02 0.66 0.00 N | 53.58 -0.40 -1.05 N | 84.72 -0.47 -1.43 N | 117.56 -0.58 0.00 N | 119.67 -0.37 0.00 N | 113.08 -0.25 0.00 N | 94.75 -0.60 0.00 N | 120.80 -1.10 0.00 N | 113.39 -1.05 0.00 N | 88.02 -0.89 0.00 N | 90.05 -0.86 0.00 N | 110.95 -1.76 0.00 N | 116.13 -1.82 0.00 N | |
| CARTHAGE___PAPER 23857 | 40.48 0.15 -0.37 N | 40.26 0.00 -0.38 N | 55.77 -0.18 0.00 N | 39.93 -0.14 0.00 N | 49.14 -0.12 -0.10 N | 42.45 -0.13 0.00 N | 83.72 -0.27 -0.06 N | 46.80 -0.06 -1.04 N | 51.54 0.15 -0.79 N | 80.72 0.86 0.00 N | 72.52 1.01 0.00 N | -60.74 -1.06 0.00 N | 54.24 0.94 -0.37 N | 85.85 1.56 -0.51 N | 120.16 2.02 0.00 N | 122.13 2.09 0.00 N | 115.27 1.95 0.00 N | 97.12 1.77 0.00 N | 124.05 2.15 0.00 N | 116.54 2.10 0.00 N | 90.36 1.45 0.00 N | 92.64 1.73 0.00 N | 114.20 1.49 0.00 N | 118.82 0.88 0.00 N | |
| CE_DUNWOOD___DRP 24194 | 56.04 3.21 -12.87 N | 55.98 2.92 -13.18 N | 59.79 3.84 0.00 N | 42.63 2.55 0.00 N | 55.52 2.95 -3.41 N | 45.05 2.47 0.00 N | 90.70 4.77 -2.01 N | 85.27 3.07 -36.38 N | 81.82 3.66 -27.55 N | 86.15 6.32 0.03 N | 94.94 5.93 -17.49 N | 153.72 -5.06 -218.46 N | 142.63 4.56 -85.15 N | 142.97 7.51 -51.68 N | 143.61 10.58 -14.89 N | 143.48 10.59 -12.86 N | 143.92 9.73 -20.86 N | 138.08 7.97 -34.76 N | 141.08 10.63 -8.55 N | 137.59 9.78 -13.36 N | 139.66 7.67 -43.07 N | 142.65 7.76 -43.98 N | 133.76 9.22 -11.83 N | 127.08 9.13 0.00 N | |
| CE_MILLWOOD___DRP 24193 | 55.88 3.08 -12.83 N | 55.82 2.80 -13.14 N | 59.64 3.69 0.00 N | 42.51 2.44 0.00 N | 55.38 2.82 -3.40 N | 44.96 2.38 0.00 N | 90.49 4.56 -2.00 N | 85.03 2.94 -36.27 N | 81.62 3.54 -27.46 N | 85.92 6.10 0.03 N | 94.64 5.72 -17.40 N | 152.76 -4.88 -217.31 N | 142.07 4.41 -84.73 N | 142.49 7.26 -51.45 N | 143.23 10.28 -14.81 N | 143.09 10.26 -12.79 N | 143.53 9.45 -20.75 N | 137.65 7.72 -34.58 N | 140.69 10.28 -8.50 N | 137.21 9.47 -13.29 N | 139.20 7.45 -42.85 N | 142.17 7.51 -43.75 N | 133.37 8.89 -11.77 N | 126.73 8.79 0.00 N | |
| CE_NYC2_DRP 24202 | 56.49 3.63 -12.90 N | 56.42 3.33 -13.20 N | 60.35 4.40 0.00 N | 42.96 2.88 0.00 N | 55.91 3.34 -3.41 N | 45.37 2.78 0.00 N | 91.32 5.38 -2.01 N | 85.69 3.43 -36.44 N | 82.31 4.11 -27.59 N | 88.09 7.09 -1.15 N | 98.75 6.66 -20.57 N | 153.91 -5.37 -218.97 N | 143.29 5.03 -85.34 N | 143.79 8.23 -51.79 N | 144.63 11.57 -14.92 N | 144.49 11.57 -12.89 N | 144.89 10.65 -20.91 N | 138.90 8.71 -34.84 N | 142.02 11.55 -8.57 N | 138.47 10.63 -13.40 N | 140.39 8.31 -43.17 N | 143.42 8.42 -44.08 N | 134.71 10.14 -11.86 N | 128.13 10.19 0.00 N | |
| CE_NYC_DRP | 56.37 | 56.29 | 60.18 | 42.85 | 55.79 | 45.26 | 91.08 | 85.58 | 82.17 | 86.65 | 95.51 | 153.85 | 143.19 | 143.61 | 144.35 | 144.18 | 144.62 | 138.68 | 141.77 | 138.24 | 140.24 | 143.26 | 134.46 | 127.80 | |

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| 24195 | 3.51 -12.89 N | 3.20 -13.20 N | 4.23 0.00 N | 2.77 0.00 N | 3.21 -3.41 N | 2.68 0.00 N | 5.14 -2.01 N | 3.32 -36.44 N | 3.97 -27.59 N | 6.82 0.03 N | 6.46 -17.53 N | -5.44 -218.96 N | 4.93 -85.34 N | 8.04 -51.79 N | 11.29 -14.92 N | 11.26 -12.89 N | 10.39 -20.91 N | 8.49 -34.84 N | 11.30 -8.57 N | 10.40 -13.40 N | 8.16 -43.17 N | 8.27 -44.08 N | 9.90 -11.86 N | 9.86 0.00 N |
| CHAFEE____LFGE 323603 | 37.85 -4.15 -2.03 N | 37.79 -4.18 -2.08 N | 49.87 -6.08 0.00 N | 35.77 -4.31 0.00 N | 44.39 -5.31 -0.54 N | 37.79 -4.79 0.00 N | 75.04 -9.20 -0.32 N | 46.68 -4.89 -5.75 N | 49.40 -5.56 -4.35 N | 68.57 -9.51 1.78 N | 63.94 -7.58 0.00 N | -54.91 4.77 0.00 N | 50.89 -4.09 -2.06 N | 80.49 -6.08 -7.99 N | 110.15 -7.99 0.00 N | 113.46 -6.58 0.00 N | 107.89 -5.44 0.00 N | 89.07 -6.28 0.00 N | 111.69 -10.22 0.00 N | 105.07 -9.38 0.00 N | 80.94 -7.97 0.00 N | 83.12 -7.79 0.00 N | 100.93 -11.78 0.00 N | 107.26 -10.68 0.00 N |
| CHAT_HIGH_FALL_HYD 323578 | 39.22 -0.75 0.00 N | 39.19 -0.70 0.00 N | 54.97 -0.98 0.00 N | 39.30 -0.77 0.00 N | 48.24 -0.93 0.00 N | 41.85 -0.73 0.00 N | 82.47 -1.45 0.00 N | 44.89 -0.93 0.00 N | 49.69 -0.92 0.00 N | 78.33 -1.53 0.00 N | 70.11 -1.40 0.00 N | -58.04 1.64 0.00 N | 51.35 -1.58 0.00 N | 81.00 -2.78 0.00 N | 114.22 -3.92 0.00 N | 115.88 -4.15 0.00 N | 109.69 -3.63 0.00 N | 92.64 -2.71 0.00 N | 118.49 -3.42 0.00 N | 111.16 -3.28 0.00 N | 86.33 -2.58 0.00 N | 88.19 -2.73 0.00 N | 110.14 -2.57 0.00 N | 115.54 -2.40 0.00 N |
| CH_MIDHUDSON____DRP 24192 | 56.56 2.98 -13.61 N | 56.55 2.73 -13.94 N | 59.60 3.66 0.00 N | 42.50 2.43 0.00 N | 55.60 2.83 -3.61 N | 44.96 2.38 0.00 N | 90.64 4.58 -2.13 N | 87.26 2.89 -38.55 N | 83.24 3.45 -29.19 N | 85.70 5.87 0.03 N | 91.35 5.54 -14.30 N | 114.29 -4.68 -178.64 N | 129.99 4.31 -72.75 N | 137.39 7.11 -46.51 N | 140.28 9.98 -12.16 N | 140.40 9.87 -10.50 N | 139.39 9.04 -17.03 N | 131.14 7.41 -28.38 N | 138.88 10.00 -6.98 N | 134.54 9.18 -10.91 N | 131.27 7.20 -35.17 N | 134.06 7.24 -35.91 N | 130.91 8.55 -9.66 N | 126.41 8.47 0.00 N |
| CH_MISC_IPPS 23765 | 55.93 2.84 -13.12 N | 55.89 2.57 -13.44 N | 59.33 3.39 0.00 N | 42.29 2.22 0.00 N | 55.12 2.48 -3.48 N | 44.60 2.02 0.00 N | 89.73 3.76 -2.05 N | 85.43 2.47 -37.15 N | 81.77 3.04 -28.13 N | 85.14 5.31 0.03 N | 91.68 5.04 -15.12 N | 124.96 -4.24 -188.88 N | 132.53 3.97 -75.64 N | 137.75 6.54 -47.43 N | 140.21 9.21 -12.86 N | 140.18 9.04 -11.11 N | 139.69 8.35 -18.02 N | 132.21 6.83 -30.03 N | 138.44 9.16 -7.38 N | 134.36 8.37 -11.55 N | 132.69 6.57 -37.21 N | 135.52 6.62 -37.99 N | 130.65 7.72 -10.22 N | 125.42 7.48 0.00 N |
| CH_RES_BVR_FALLS 23983 | 38.66 -0.65 0.65 N | 38.61 -0.60 0.67 N | 55.19 -0.76 0.00 N | 39.53 -0.55 0.00 N | 48.44 -0.55 0.17 N | 42.17 -0.42 0.00 N | 82.95 -0.88 0.10 N | 43.53 -0.44 1.85 N | 48.68 -0.53 1.40 N | 79.15 -0.71 0.00 N | 70.94 -0.57 0.00 N | -59.18 0.49 0.00 N | 51.79 -0.48 0.66 N | 82.02 -0.86 0.90 N | 117.00 -1.14 0.00 N | 118.99 -1.04 0.00 N | 112.45 -0.87 0.00 N | 94.69 -0.66 0.00 N | 120.88 -1.02 0.00 N | 113.57 -0.88 0.00 N | 88.28 -0.63 0.00 N | 90.26 -0.65 0.00 N | 112.08 -0.63 0.00 N | 117.36 -0.58 0.00 N |
| CH_RES_NIAGARA 23895 | 36.97 -4.82 -1.82 N | 37.04 -4.70 -1.86 N | 49.20 -6.75 0.00 N | 35.35 -4.72 0.00 N | 43.88 -5.77 -0.48 N | 37.45 -5.14 0.00 N | 74.08 -10.13 -0.28 N | 45.44 -5.52 -5.14 N | 47.93 -6.57 -3.89 N | 66.23 -11.69 1.94 N | 61.91 -9.61 0.00 N | -52.93 6.75 0.00 N | 49.16 -5.60 -1.84 N | 77.35 -8.93 -2.51 N | 106.10 -12.04 0.00 N | 109.11 -10.92 0.00 N | 103.87 -9.46 0.00 N | 85.90 -9.45 0.00 N | 107.17 -14.73 0.00 N | 101.40 -13.05 0.00 N | 78.01 -10.90 0.00 N | 80.32 -10.60 0.00 N | 97.41 -15.29 0.00 N | 104.31 -13.63 0.00 N |
| CH_RES_SYRACUSE 23985 | 40.44 -0.72 -1.19 N | 40.36 -0.74 -1.22 N | 54.74 -1.21 0.00 N | 39.27 -0.81 0.00 N | 48.45 -1.03 -0.32 N | 41.64 -0.94 0.00 N | 82.33 -1.78 -0.19 N | 48.31 -0.87 -3.36 N | 52.26 -0.90 -2.55 N | 78.47 -1.41 -0.03 N | 70.53 -0.99 0.00 N | -59.30 0.38 0.00 N | 53.86 -0.27 -1.20 N | 85.10 -0.31 -1.64 N | 117.71 -0.44 0.00 N | 119.85 -0.19 0.00 N | 113.24 -0.08 0.00 N | 94.93 -0.42 0.00 N | 120.96 -0.94 0.00 N | 113.61 -0.84 0.00 N | 88.15 -0.76 0.00 N | 90.25 -0.67 0.00 N | 111.15 -1.56 0.00 N | 116.36 -1.58 0.00 N |
| CLINTON_WT_PWR 323605 | 39.16 -0.80 0.00 N | 39.11 -0.77 0.00 N | 54.85 -1.10 0.00 N | 39.19 -0.88 0.00 N | 48.09 -1.07 0.00 N | 41.74 -0.84 0.00 N | 82.27 -1.66 0.00 N | 44.79 -1.03 0.00 N | 49.61 -1.00 0.00 N | 78.17 -1.69 0.00 N | 70.02 -1.50 0.00 N | -58.06 1.62 0.00 N | 51.34 -1.58 0.00 N | 81.01 -2.76 0.00 N | 114.24 -3.90 0.00 N | 115.87 -4.16 0.00 N | 109.61 -3.71 0.00 N | 92.61 -2.74 0.00 N | 118.51 -3.40 0.00 N | 111.18 -3.27 0.00 N | 86.34 -2.57 0.00 N | 88.13 -2.78 0.00 N | 110.02 -2.68 0.00 N | 115.48 -2.47 0.00 N |
| COLONIE_LFGE____ 323577 | 58.87 2.46 -16.44 N | 59.13 2.41 -16.84 N | 59.38 3.43 0.00 N | 42.51 2.43 0.00 N | 56.45 2.93 -4.36 N | 45.12 2.53 0.00 N | 91.81 5.32 -2.56 N | 95.24 3.03 -46.39 N | 89.04 3.31 -35.13 N | 84.76 4.92 0.02 N | 76.96 4.50 -0.94 N | -51.87 -4.00 -11.81 N | 77.19 3.75 -20.52 N | 114.18 5.99 -24.41 N | 126.91 8.10 -0.66 N | 128.19 7.59 -0.57 N | 120.72 6.47 -0.92 N | 102.47 5.58 -1.54 N | 130.66 8.38 -0.38 N | 122.90 7.86 -0.59 N | 97.01 6.20 -1.90 N | 98.88 6.02 -1.94 N | 120.36 7.13 -0.52 N | 125.28 7.34 0.00 N |
| CORNELL____ 23752 | 40.77 -1.41 -2.21 N | 40.84 -1.31 -2.27 N | 52.91 -3.04 0.00 N | 38.62 -1.46 0.00 N | 47.65 -2.10 -0.59 N | 40.47 -2.11 0.00 N | 80.54 -3.73 -0.35 N | 50.15 -1.92 -6.26 N | 53.43 -1.92 -4.74 N | 76.54 -3.26 0.06 N | 69.53 -1.99 0.00 N | -59.62 0.06 0.00 N | 55.18 0.02 -2.24 N | 87.07 0.25 -3.05 N | 116.85 -1.29 0.00 N | 118.82 -1.21 0.00 N | 112.41 -0.91 0.00 N | 93.92 -1.43 0.00 N | 119.32 -2.58 0.00 N | 111.98 -2.47 0.00 N | 86.91 -2.00 0.00 N | 89.00 -1.92 0.00 N | 108.67 -4.03 0.00 N | 113.27 -4.67 0.00 N |
| COXSACKIE____GT 23611 | 57.20 3.11 -14.12 N | 57.31 2.96 -14.46 N | 60.04 4.09 0.00 N | 42.91 2.83 0.00 N | 56.34 3.43 -3.74 N | 45.50 2.92 0.00 N | 91.93 5.75 -2.25 N | 90.03 3.44 -40.78 N | 85.39 3.91 -30.87 N | 86.13 6.30 0.03 N | 88.17 5.80 -10.85 N | 71.00 -4.83 -135.52 N | 116.45 4.50 -59.03 N | 131.61 7.32 -40.52 N | 137.81 10.42 -9.24 N | 138.45 10.43 -7.98 N | 135.91 9.64 -12.95 N | 124.81 7.89 -21.58 N | 138.08 10.87 -5.31 N | 132.81 10.06 -8.30 N | 123.52 7.88 -26.74 N | 126.13 7.92 -27.30 N | 129.17 9.12 -7.34 N | 126.91 8.97 0.00 N |
| CRESCENT____HYD 24018 | 58.87 2.46 -16.44 N | 59.13 2.41 -16.84 N | 59.38 3.43 0.00 N | 42.51 2.43 0.00 N | 56.45 2.93 -4.36 N | 45.12 2.53 0.00 N | 91.81 5.32 -2.56 N | 95.24 3.03 -46.39 N | 89.04 3.31 -35.13 N | 84.76 4.92 0.02 N | 76.96 4.50 -0.94 N | -51.87 -4.00 -11.81 N | 77.19 3.75 -20.52 N | 114.18 5.99 -24.41 N | 126.91 8.10 -0.66 N | 128.19 7.59 -0.57 N | 120.72 6.47 -0.92 N | 102.47 5.58 -1.54 N | 130.66 8.38 -0.38 N | 122.90 7.86 -0.59 N | 97.01 6.20 -1.90 N | 98.88 6.02 -1.94 N | 120.36 7.13 -0.52 N | 125.28 7.34 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 40.44 -0.72 -1.19 N | 40.36 -0.74 -1.22 N | 54.74 -1.21 0.00 N | 39.27 -0.81 0.00 N | 48.45 -1.03 -0.32 N | 41.64 -0.94 0.00 N | 82.33 -1.78 -0.19 N | 48.31 -0.87 -3.36 N | 52.26 -0.90 -2.55 N | 78.47 -1.41 -0.03 N | 70.53 -0.99 0.00 N | -59.30 0.38 0.00 N | 53.86 -0.27 -1.20 N | 85.10 -0.31 -1.64 N | 117.71 -0.44 0.00 N | 119.85 -0.19 0.00 N | 113.24 -0.08 0.00 N | 94.93 -0.42 0.00 N | 120.96 -0.94 0.00 N | 113.61 -0.84 0.00 N | 88.15 -0.76 0.00 N | 90.25 -0.67 0.00 N | 111.15 -1.56 0.00 N | 116.36 -1.58 0.00 N |

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|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|----------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|
| DANSKAMMER___1 23586 | 55.93 2.84 -13.12 N | 55.89 2.57 -13.44 N | 59.33 3.39 0.00 N | 42.29 2.22 0.00 N | 55.12 2.48 -3.48 N | 44.60 2.02 0.00 N | 89.73 3.76 -2.05 N | 85.43 2.47 -37.15 N | 81.77 3.04 -28.13 N | 85.14 5.31 0.03 N | 91.68 5.04 -15.12 N | 124.96 -4.24 -188.88 N | 132.53 3.97 -75.64 N | 137.75 6.54 -47.43 N | 140.21 9.21 -12.86 N | 140.18 9.04 -11.11 N | 139.69 8.35 -18.02 N | 132.21 6.83 -30.03 N | 138.44 9.16 -7.38 N | 134.36 8.37 -11.55 N | 132.69 6.57 -37.21 N | 135.52 6.62 -37.99 N | 130.65 7.72 -10.22 N | 125.42 7.48 0.00 N |
| DANSKAMMER___2 23589 | 55.93 2.84 -13.12 N | 55.89 2.57 -13.44 N | 59.33 3.39 0.00 N | 42.29 2.22 0.00 N | 55.12 2.48 -3.48 N | 44.60 2.02 0.00 N | 89.73 3.76 -2.05 N | 85.43 2.47 -37.15 N | 81.77 3.04 -28.13 N | 85.14 5.31 0.03 N | 91.68 5.04 -15.12 N | 124.96 -4.24 -188.88 N | 132.53 3.97 -75.64 N | 137.75 6.54 -47.43 N | 140.21 9.21 -12.86 N | 140.18 9.04 -11.11 N | 139.69 8.35 -18.02 N | 132.21 6.83 -30.03 N | 138.44 9.16 -7.38 N | 134.36 8.37 -11.55 N | 132.69 6.57 -37.21 N | 135.52 6.62 -37.99 N | 130.65 7.72 -10.22 N | 125.42 7.48 0.00 N |
| DANSKAMMER___3 23590 | 55.93 2.84 -13.12 N | 55.89 2.57 -13.44 N | 59.33 3.39 0.00 N | 42.29 2.22 0.00 N | 55.12 2.48 -3.48 N | 44.60 2.02 0.00 N | 89.73 3.76 -2.05 N | 85.43 2.47 -37.15 N | 81.77 3.04 -28.13 N | 85.14 5.31 0.03 N | 91.68 5.04 -15.12 N | 124.96 -4.24 -188.88 N | 132.53 3.97 -75.64 N | 137.75 6.54 -47.43 N | 140.21 9.21 -12.86 N | 140.18 9.04 -11.11 N | 139.69 8.35 -18.02 N | 132.21 6.83 -30.03 N | 138.44 9.16 -7.38 N | 134.36 8.37 -11.55 N | 132.69 6.57 -37.21 N | 135.52 6.62 -37.99 N | 130.65 7.72 -10.22 N | 125.42 7.48 0.00 N |
| DANSKAMMER___4 23591 | 55.93 2.84 -13.12 N | 55.89 2.57 -13.44 N | 59.33 3.39 0.00 N | 42.29 2.22 0.00 N | 55.12 2.48 -3.48 N | 44.60 2.02 0.00 N | 89.73 3.76 -2.05 N | 85.43 2.47 -37.15 N | 81.77 3.04 -28.13 N | 85.14 5.31 0.03 N | 91.68 5.04 -15.12 N | 124.96 -4.24 -188.88 N | 132.53 3.97 -75.64 N | 137.75 6.54 -47.43 N | 140.21 9.21 -12.86 N | 140.18 9.04 -11.11 N | 139.69 8.35 -18.02 N | 132.21 6.83 -30.03 N | 138.44 9.16 -7.38 N | 134.36 8.37 -11.55 N | 132.69 6.57 -37.21 N | 135.52 6.62 -37.99 N | 130.65 7.72 -10.22 N | 125.42 7.48 0.00 N |
| DANSKAMMER___DIESEL 23592 | 55.93 2.84 -13.12 N | 55.89 2.57 -13.44 N | 59.33 3.39 0.00 N | 42.29 2.22 0.00 N | 55.12 2.48 -3.48 N | 44.60 2.02 0.00 N | 89.73 3.76 -2.05 N | 85.43 2.47 -37.15 N | 81.77 3.04 -28.13 N | 85.14 5.31 0.03 N | 91.68 5.04 -15.12 N | 124.96 -4.24 -188.88 N | 132.53 3.97 -75.64 N | 137.75 6.54 -47.43 N | 140.21 9.21 -12.86 N | 140.18 9.04 -11.11 N | 139.69 8.35 -18.02 N | 132.21 6.83 -30.03 N | 138.44 9.16 -7.38 N | 134.36 8.37 -11.55 N | 132.69 6.57 -37.21 N | 135.52 6.62 -37.99 N | 130.65 7.72 -10.22 N | 125.42 7.48 0.00 N |
| DASHVILLE___HYD 23610 | 56.03 2.86 -13.20 N | 55.98 2.57 -13.52 N | 59.30 3.36 0.00 N | 42.24 2.17 0.00 N | 55.10 2.45 -3.50 N | 44.62 2.04 0.00 N | 89.80 3.80 -2.07 N | 85.73 2.38 -37.53 N | 82.09 3.07 -28.41 N | 85.37 5.54 0.03 N | 90.64 5.24 -13.89 N | 109.51 -4.30 -173.49 N | 127.56 4.00 -70.63 N | 135.49 6.57 -45.15 N | 139.25 9.29 -11.82 N | 139.45 9.21 -10.21 N | 138.35 8.47 -16.56 N | 129.82 6.88 -27.59 N | 137.75 9.06 -6.78 N | 133.32 8.26 -10.61 N | 129.74 6.64 -34.19 N | 132.51 6.69 -34.91 N | 129.98 7.88 -9.39 N | 125.72 7.78 0.00 N |
| DOGLEVILLE___HYD 23807 | 41.85 2.20 0.32 N | 41.50 1.94 0.32 N | 58.64 2.70 0.00 N | 42.05 1.97 0.00 N | 51.46 2.38 0.08 N | 44.60 2.02 0.00 N | 88.21 4.34 0.05 N | 47.47 2.55 0.90 N | 52.71 2.78 0.68 N | 84.21 4.35 0.00 N | 75.40 3.88 0.00 N | -63.16 -3.49 0.00 N | 55.67 3.06 0.32 N | 88.72 5.39 0.44 N | 125.60 7.46 0.00 N | 127.24 7.21 0.00 N | 119.51 6.18 0.00 N | 100.74 5.39 0.00 N | 129.81 7.90 0.00 N | 122.02 7.58 0.00 N | 94.84 5.93 0.00 N | 96.75 5.84 0.00 N | 119.15 6.45 0.00 N | 124.22 6.28 0.00 N |
| DUNKIRK___1 23563 | 36.49 -5.65 -2.17 N | 36.40 -5.70 -2.22 N | 47.81 -8.14 0.00 N | 34.36 -5.71 0.00 N | 42.55 -7.19 -0.57 N | 36.18 -6.41 0.00 N | 72.08 -12.19 -0.34 N | 45.38 -6.57 -6.13 N | 47.82 -7.42 -4.64 N | 66.00 -12.20 1.65 N | 61.36 -10.16 0.00 N | -53.01 6.66 0.00 N | 49.11 -6.01 -2.19 N | 78.13 -8.63 -2.99 N | 106.50 -11.64 0.00 N | 110.01 -10.02 0.00 N | 104.20 -9.12 0.00 N | 85.73 -9.62 0.00 N | 107.83 -14.07 0.00 N | 101.53 -12.92 0.00 N | 78.36 -10.55 0.00 N | 80.01 -10.90 0.00 N | 97.42 -15.28 0.00 N | 103.08 -14.86 0.00 N |
| DUNKIRK___2 23564 | 36.49 -5.65 -2.17 N | 36.40 -5.70 -2.22 N | 47.81 -8.14 0.00 N | 34.36 -5.71 0.00 N | 42.55 -7.19 -0.57 N | 36.18 -6.41 0.00 N | 72.08 -12.19 -0.34 N | 45.38 -6.57 -6.13 N | 47.82 -7.42 -4.64 N | 66.00 -12.20 1.65 N | 61.36 -10.16 0.00 N | -53.01 6.66 0.00 N | 49.11 -6.01 -2.19 N | 78.13 -8.63 -2.99 N | 106.50 -11.64 0.00 N | 110.01 -10.02 0.00 N | 104.20 -9.12 0.00 N | 85.73 -9.62 0.00 N | 107.83 -14.07 0.00 N | 101.53 -12.92 0.00 N | 78.36 -10.55 0.00 N | 80.01 -10.90 0.00 N | 97.42 -15.28 0.00 N | 103.08 -14.86 0.00 N |
| DUNKIRK___3 23565 | 37.04 -5.10 -2.17 N | 36.99 -5.12 -2.23 N | 48.63 -7.32 0.00 N | 34.88 -5.20 0.00 N | 43.27 -6.47 -0.58 N | 36.79 -5.80 0.00 N | 73.31 -10.95 -0.34 N | 46.05 -5.91 -6.14 N | 48.52 -6.74 -4.65 N | 66.97 -11.24 1.65 N | 62.20 -9.32 0.00 N | -53.55 6.12 0.00 N | 49.71 -5.41 -2.20 N | 78.97 -7.80 -3.00 N | 107.67 -10.47 0.00 N | 111.12 -8.91 0.00 N | 105.28 -8.04 0.00 N | 86.67 -8.69 0.00 N | 109.03 -12.87 0.00 N | 102.73 -11.72 0.00 N | 79.22 -9.69 0.00 N | 80.96 -9.96 0.00 N | 98.57 -14.14 0.00 N | 104.53 -13.41 0.00 N |
| DUNKIRK___4 23566 | 37.04 -5.10 -2.17 N | 36.99 -5.12 -2.23 N | 48.63 -7.32 0.00 N | 34.88 -5.20 0.00 N | 43.27 -6.47 -0.58 N | 36.79 -5.80 0.00 N | 73.31 -10.95 -0.34 N | 46.05 -5.91 -6.14 N | 48.52 -6.74 -4.65 N | 66.97 -11.24 1.65 N | 62.20 -9.32 0.00 N | -53.55 6.12 0.00 N | 49.71 -5.41 -2.20 N | 78.97 -7.80 -3.00 N | 107.67 -10.47 0.00 N | 111.12 -8.91 0.00 N | 105.28 -8.04 0.00 N | 86.67 -8.69 0.00 N | 109.03 -12.87 0.00 N | 102.73 -11.72 0.00 N | 79.22 -9.69 0.00 N | 80.96 -9.96 0.00 N | 98.57 -14.14 0.00 N | 104.53 -13.41 0.00 N |
| EAST HAMPTON___GT 23717 | 140.99 8.40 -92.62 N | 61.22 7.78 -13.56 N | 66.04 10.19 0.09 N | 46.90 6.83 0.00 N | 60.59 8.01 -3.41 N | 49.48 6.90 0.00 N | 99.46 13.52 -2.01 N | 90.70 8.43 -36.45 N | 87.74 8.31 -28.82 N | 103.07 14.90 -8.31 N | 140.73 13.60 -55.61 N | 148.09 -11.26 -219.03 N | 147.99 9.08 -85.99 N | 150.90 15.32 -51.80 N | 154.43 21.36 -14.93 N | 154.20 21.27 -12.89 N | 154.30 19.29 -21.69 N | 146.22 16.01 -34.85 N | 151.50 21.03 -8.57 N | 147.92 20.15 -13.33 N | 147.26 15.03 -43.32 N | 149.94 14.93 -44.10 N | 144.55 19.61 -12.23 N | 138.16 20.22 0.00 N |
| EAST RIVER___6 23660 | 56.37 3.51 -12.89 N | 56.30 3.22 -13.20 N | 60.18 4.23 0.00 N | 42.85 2.77 0.00 N | 55.78 3.21 -3.41 N | 45.26 2.67 0.00 N | 91.09 5.15 -2.01 N | 85.59 3.33 -36.44 N | 82.18 3.98 -27.59 N | 86.65 6.82 0.03 N | 95.49 6.45 -17.53 N | 153.84 -5.45 -218.96 N | 143.17 4.91 -85.34 N | 143.59 8.02 -51.79 N | 144.31 11.25 -14.92 N | 144.14 11.22 -12.89 N | 144.57 10.34 -20.91 N | 138.65 8.46 -34.84 N | 141.73 11.26 -8.57 N | 138.19 10.34 -13.40 N | 140.20 8.12 -43.17 N | 143.22 8.23 -44.08 N | 134.45 9.89 -11.86 N | 127.81 9.87 0.00 N |
| EAST RIVER___7 23524 | 56.37 3.51 -12.89 N | 56.30 3.22 -13.20 N | 60.18 4.23 0.00 N | 42.85 2.77 0.00 N | 55.78 3.21 -3.41 N | 45.26 2.67 0.00 N | 91.09 5.15 -2.01 N | 85.59 3.33 -36.44 N | 82.18 3.98 -27.59 N | 86.65 6.82 0.03 N | 95.49 6.45 -17.53 N | 153.84 -5.45 -218.96 N | 143.17 4.91 -85.34 N | 143.59 8.02 -51.79 N | 144.31 11.25 -14.92 N | 144.14 11.22 -12.89 N | 144.57 10.34 -20.91 N | 138.65 8.46 -34.84 N | 141.73 11.26 -8.57 N | 138.19 10.34 -13.40 N | 140.20 8.12 -43.17 N | 143.22 8.23 -44.08 N | 134.45 9.89 -11.86 N | 127.81 9.87 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 |
|--------------------------------|--------------------------------|-------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|---|
| EAST_HAMPTON___DIESEL 23722 | 140.99 8.40 -92.62 N | 61.22 7.78 -13.56 N | 66.04 10.19 0.09 N | 46.90 6.83 0.00 N | 60.59 8.01 -3.41 N | 49.48 6.90 0.00 N | 99.46 13.52 -2.01 N | 90.70 8.43 -36.45 N | 87.74 8.31 -28.82 N | 103.07 14.90 -8.31 N | 140.73 13.60 -55.61 N | 148.09 -11.26 9.08 N | 147.99 15.32 -219.03 N | 150.90 21.36 -85.99 N | 154.43 21.27 -51.80 N | 154.20 19.29 -12.89 N | 154.30 16.01 -21.69 N | 146.22 21.03 -34.85 N | 151.50 20.15 -8.57 N | 147.92 20.15 -13.33 N | 147.26 15.03 -43.32 N | 149.94 14.93 -44.10 N | 144.55 19.61 -12.23 N | 138.16 20.22 0.00 N | |
| EAST_RIVER___1 323558 | 56.37 3.51 -12.89 N | 56.29 3.20 -13.20 N | 60.18 4.23 0.00 N | 42.85 2.77 0.00 N | 55.79 3.21 -3.41 N | 45.26 2.68 0.00 N | 91.08 5.14 -2.01 N | 85.58 3.32 -36.44 N | 82.17 3.97 -27.59 N | 86.65 6.82 0.03 N | 95.51 6.46 -17.53 N | 153.85 -5.44 4.93 N | 143.19 8.04 -85.34 N | 143.61 11.29 -51.79 N | 144.35 11.26 -14.92 N | 144.18 10.39 -12.89 N | 144.62 8.49 -20.91 N | 138.68 8.49 -34.84 N | 141.77 11.30 -8.57 N | 138.24 10.40 -13.40 N | 140.24 8.16 -43.17 N | 143.26 8.27 -44.08 N | 134.46 9.90 -11.86 N | 127.80 9.86 0.00 N | |
| EAST_RIVER___2 323559 | 56.37 3.51 -12.89 N | 56.30 3.22 -13.20 N | 60.18 4.23 0.00 N | 42.85 2.77 0.00 N | 55.78 3.21 -3.41 N | 45.26 2.67 0.00 N | 91.09 5.15 -2.01 N | 85.59 3.33 -36.44 N | 82.18 3.98 -27.59 N | 86.65 6.82 0.03 N | 95.49 6.45 -17.53 N | 153.84 -5.45 4.91 N | 143.17 8.02 -85.34 N | 143.59 11.25 -51.79 N | 144.31 11.22 -14.92 N | 144.14 10.34 -12.89 N | 144.57 10.34 -20.91 N | 138.65 8.46 -34.84 N | 141.73 11.26 -8.57 N | 138.19 10.34 -13.40 N | 140.20 8.12 -43.17 N | 143.22 8.23 -44.08 N | 134.45 9.89 -11.86 N | 127.81 9.87 0.00 N | |
| EAST___DELAWARE_HYD 23607 | 53.05 1.94 -11.14 N | 53.07 1.78 -11.41 N | 58.29 2.34 0.00 N | 41.65 1.57 0.00 N | 53.96 1.85 -2.95 N | 44.14 1.56 0.00 N | 88.73 3.06 -1.75 N | 79.43 2.04 -31.57 N | 77.02 2.51 -23.91 N | 84.20 4.38 0.03 N | 87.33 4.13 -11.68 N | 82.68 -3.59 3.13 N | 115.52 3.13 -59.46 N | 127.02 5.22 -38.03 N | 135.48 7.39 -9.94 N | 136.07 7.45 -8.59 N | 134.02 6.77 -13.93 N | 123.84 5.28 -23.22 N | 134.61 7.00 -5.71 N | 129.95 6.57 -8.93 N | 122.96 5.28 -28.77 N | 125.72 5.43 -29.37 N | 126.66 6.06 -7.90 N | 123.69 5.75 0.00 N | |
| ELEC_TRO_TEK 24086 | 138.06 3.85 -94.25 N | 62.53 3.48 -19.16 N | 60.61 4.60 -0.06 N | 43.09 3.01 0.00 N | 56.03 3.45 -3.41 N | 45.54 2.96 0.00 N | 91.50 5.57 -2.01 N | 85.90 3.63 -36.45 N | 84.05 4.36 -29.09 N | 101.56 7.49 -14.21 N | 134.39 6.90 -55.97 N | 153.79 -5.56 4.73 N | 143.65 4.73 -85.99 N | 143.54 7.96 -51.80 N | 144.36 11.29 -14.93 N | 144.12 11.19 -12.89 N | 145.31 10.30 -21.69 N | 138.81 8.60 -34.85 N | 142.12 11.65 -8.57 N | 138.73 10.84 -13.45 N | 140.68 8.39 -43.39 N | 143.51 8.50 -44.10 N | 135.34 10.40 -12.23 N | 128.23 10.28 0.00 N | |
| ELLENBURG_WT_PWR 323604 | 39.16 -0.80 0.00 N | 39.11 -0.77 0.00 N | 54.85 -1.10 0.00 N | 39.19 -0.88 0.00 N | 48.09 -1.07 0.00 N | 41.74 -0.84 0.00 N | 82.27 -1.66 0.00 N | 44.79 -1.03 0.00 N | 49.61 -1.00 0.00 N | 78.17 -1.69 0.00 N | 70.02 -1.50 0.00 N | -58.06 1.62 0.00 N | 51.34 -1.58 0.00 N | 81.01 -2.76 0.00 N | 114.24 -3.90 0.00 N | 115.87 -4.16 0.00 N | 109.61 -3.71 0.00 N | 92.61 -2.74 0.00 N | 118.51 -3.40 0.00 N | 111.18 -3.27 0.00 N | 86.34 -2.57 0.00 N | 88.13 -2.78 0.00 N | 110.02 -2.68 0.00 N | 115.48 -2.47 0.00 N | |
| E_CANADA_CAP_HY 24051 | 61.51 0.79 -20.75 N | 62.03 0.89 -21.25 N | 57.06 1.11 0.00 N | 40.77 0.69 0.00 N | 55.61 0.95 -5.50 N | 43.43 0.85 0.00 N | 88.60 1.44 -3.24 N | 105.28 0.88 -58.58 N | 96.43 1.47 -44.35 N | 82.53 2.71 0.04 N | 74.50 2.98 0.00 N | -62.13 -2.45 0.00 N | 76.18 2.29 -20.97 N | 115.62 3.28 -28.57 N | 123.06 4.92 0.00 N | 125.29 5.26 0.00 N | 118.65 5.33 0.00 N | 99.25 3.89 0.00 N | 126.58 4.68 0.00 N | 119.31 4.86 0.00 N | 92.60 3.69 0.00 N | 94.83 3.92 0.00 N | 117.16 4.45 0.00 N | 122.05 4.11 0.00 N | |
| E_CANADA_MHWK_HY 24050 | 41.85 2.20 0.32 N | 41.50 1.94 0.32 N | 58.64 2.70 0.00 N | 42.05 1.97 0.00 N | 51.46 2.38 0.08 N | 44.60 2.02 0.00 N | 88.21 4.34 0.05 N | 47.47 2.55 0.90 N | 52.71 2.78 0.68 N | 84.21 4.35 0.00 N | 75.40 3.88 0.00 N | -63.16 -3.49 0.00 N | 55.67 3.06 0.32 N | 88.72 5.39 0.44 N | 125.60 7.46 0.00 N | 127.24 7.21 0.00 N | 119.51 6.18 0.00 N | 100.74 5.39 0.00 N | 129.81 7.90 0.00 N | 122.02 7.58 0.00 N | 94.84 5.93 0.00 N | 96.75 5.84 0.00 N | 119.15 6.45 0.00 N | 124.22 6.28 0.00 N | |
| E_FISHKILL___LBMP 23776 | 55.97 2.90 -13.09 N | 55.95 2.66 -13.41 N | 59.49 3.54 0.00 N | 42.43 2.36 0.00 N | 55.38 2.75 -3.47 N | 44.90 2.32 0.00 N | 90.46 4.49 -2.05 N | 85.69 2.85 -37.03 N | 81.99 3.35 -28.03 N | 85.52 5.69 0.03 N | 94.79 5.33 -17.94 N | 159.90 -4.49 -224.07 N | 144.31 4.15 -87.23 N | 143.49 6.85 -52.87 N | 143.07 9.65 -15.27 N | 142.78 9.56 -13.19 N | 143.42 8.70 -21.40 N | 138.14 7.14 -35.65 N | 140.32 9.65 -8.77 N | 137.04 8.89 -13.71 N | 140.06 6.97 -44.18 N | 143.05 7.03 -45.11 N | 133.15 8.31 -12.13 N | 126.24 8.30 0.00 N | |
| FAR ROCKAWAY___4 23548 | 152.78 4.64 -108.17 N | 111.15 4.21 -67.05 N | 62.93 5.57 -1.41 N | 43.76 3.68 -0.01 N | 56.83 4.24 -3.42 N | 46.19 3.60 0.00 N | 92.75 6.81 -2.02 N | 86.63 4.35 -36.46 N | 87.21 5.23 -31.38 N | 153.17 8.91 -64.41 N | 138.79 8.21 -59.06 N | 152.72 -6.69 -219.09 N | 144.78 5.87 -85.99 N | 145.48 9.90 -51.80 N | 147.13 14.06 -14.93 N | 147.03 14.10 -12.89 N | 148.08 13.07 -21.69 N | 141.15 10.95 -34.85 N | 145.11 14.63 -8.57 N | 142.52 13.58 -14.49 N | 143.39 10.55 -43.94 N | 145.70 10.70 -44.10 N | 137.99 13.05 -12.23 N | 130.96 13.02 0.00 N | |
| FARRAGUT___LBMP 323566 | 56.32 3.46 -12.89 N | 56.24 3.16 -13.20 N | 60.11 4.16 0.00 N | 42.81 2.73 0.00 N | 55.73 3.15 -3.41 N | 45.21 2.63 0.00 N | 90.98 5.04 -2.01 N | 85.52 3.26 -36.44 N | 82.11 3.91 -27.59 N | 86.57 6.75 0.03 N | 95.42 6.38 -17.53 N | 153.89 -5.39 -218.96 N | 143.12 4.86 -85.34 N | 143.51 7.94 -51.79 N | 144.21 11.15 -14.92 N | 144.03 11.11 -12.89 N | 144.49 10.25 -20.91 N | 138.56 8.37 -34.84 N | 141.62 11.15 -8.57 N | 138.09 10.25 -13.40 N | 140.14 8.06 -43.17 N | 143.15 8.15 -44.08 N | 134.34 9.78 -11.86 N | 127.69 9.74 0.00 N | |
| FENNER___WINDPWR 24204 | 40.55 -0.03 -0.60 N | 40.43 -0.07 -0.62 N | 55.62 -0.32 0.00 N | 39.95 -0.12 0.00 N | 49.29 -0.04 -0.16 N | 42.35 -0.23 0.00 N | 83.70 -0.32 -0.09 N | 47.52 -0.01 -1.71 N | 52.11 0.21 -1.29 N | 80.40 0.54 0.00 N | 72.40 0.89 0.00 N | -60.88 -1.21 0.00 N | 54.69 1.16 -0.61 N | 86.59 1.99 -0.83 N | 120.73 2.58 0.00 N | 122.79 2.75 0.00 N | 115.97 2.65 0.00 N | 97.29 1.94 0.00 N | 124.09 2.19 0.00 N | 116.50 2.06 0.00 N | 90.48 1.57 0.00 N | 92.59 1.68 0.00 N | 113.96 1.26 0.00 N | 119.00 1.06 0.00 N | |
| FIBERTEK___ENERGY 23856 | 40.44 -0.72 -1.19 N | 40.36 -0.74 -1.22 N | 54.74 -1.21 0.00 N | 39.27 -0.81 0.00 N | 48.45 -1.03 0.00 N | 41.64 -0.94 0.00 N | 82.33 -1.78 -0.19 N | 48.31 -0.87 -3.36 N | 52.26 -0.90 -2.55 N | 78.47 -1.41 -0.03 N | 70.53 -0.99 0.00 N | -59.30 0.38 0.00 N | 53.86 -0.27 -1.20 N | 85.10 -0.31 -1.64 N | 117.71 -0.44 0.00 N | 119.85 -0.19 0.00 N | 113.24 -0.08 0.00 N | 94.93 -0.42 0.00 N | 120.96 -0.94 0.00 N | 113.61 -0.84 0.00 N | 88.15 -0.76 0.00 N | 90.25 -0.67 0.00 N | 111.15 -1.56 0.00 N | 116.36 -1.58 0.00 N | |
| FITZPATRICK___ | 39.33 | 39.25 | 53.90 | 38.63 | 47.58 | 41.02 | 80.95 | 46.33 | 50.46 | 77.00 | 69.12 | -57.92 | 52.21 | 82.53 | 115.01 | 116.98 | 110.52 | 92.76 | 118.32 | 111.14 | 86.23 | 88.23 | 108.91 | 114.08 | |

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| 23598 | -1.39 -0.76 N | -1.41 -0.78 N | -2.05 0.00 N | -1.45 0.00 N | -1.78 -0.20 N | -1.57 0.00 N | -3.09 -0.12 N | -1.64 -2.15 N | -1.77 -1.63 N | -2.86 0.00 N | -2.39 0.00 N | 1.76 0.00 N | -1.48 -0.77 N | -2.28 -1.05 N | -3.13 0.00 N | -3.06 0.00 N | -2.81 0.00 N | -2.59 0.00 N | -3.59 0.00 N | -3.30 0.00 N | -2.68 0.00 N | -2.68 0.00 N | -3.80 0.00 N | -3.86 0.00 N |
| FORT ORANGE____ 23900 | 58.40 2.35 -16.08 N | 58.63 2.28 -16.47 N | 59.14 3.20 0.00 N | 42.30 2.23 0.00 N | 56.12 2.70 -4.26 N | 44.90 2.32 0.00 N | 91.11 4.68 -2.51 N | 93.82 2.62 -45.38 N | 87.81 2.85 -34.36 N | 84.25 4.42 0.03 N | 77.73 4.12 -2.09 N | -37.17 -3.66 -26.17 N | 81.30 3.48 -24.90 N | 115.49 5.60 -26.11 N | 127.11 7.39 -1.57 N | 128.52 7.13 -1.36 N | 121.80 6.28 -2.20 N | 104.20 5.19 -3.66 N | 130.37 7.57 -0.90 N | 122.88 7.02 -1.41 N | 98.93 5.48 -4.54 N | 100.97 5.42 -4.63 N | 120.31 6.36 -1.25 N | 124.46 6.52 0.00 N |
| FORT_DRUM_COGEN 23780 | 40.41 0.02 -0.42 N | 40.17 -0.14 -0.43 N | 55.55 -0.39 0.00 N | 39.77 -0.31 0.00 N | 48.95 -0.32 -0.11 N | 42.27 -0.31 0.00 N | 83.39 -0.60 -0.07 N | 46.78 -0.22 -1.19 N | 51.52 0.02 -0.90 N | 80.56 0.70 0.00 N | 72.42 0.90 0.00 N | -60.66 -0.98 0.00 N | 54.29 0.94 -0.42 N | 85.93 1.58 -0.58 N | 120.21 2.07 0.00 N | 122.23 2.19 0.00 N | 115.39 2.07 0.00 N | 97.17 1.81 0.00 N | 124.07 2.17 0.00 N | 116.56 2.11 0.00 N | 90.35 1.44 0.00 N | 92.56 1.65 0.00 N | 113.98 1.28 0.00 N | 118.53 0.59 0.00 N |
| FPL_FAR_ROCK_GT1 24212 | 152.78 4.64 -108.17 N | 111.15 4.21 -67.05 N | 62.93 5.57 -1.41 N | 43.76 3.68 -0.01 N | 56.83 4.24 -3.42 N | 46.19 3.60 0.00 N | 92.75 6.81 -2.02 N | 86.63 4.35 -36.46 N | 87.21 5.23 -31.38 N | 153.17 8.91 -64.41 N | 138.79 8.21 -59.06 N | 152.72 -6.69 -219.09 N | 144.78 5.87 -85.99 N | 145.48 9.90 -51.80 N | 147.13 14.06 -14.93 N | 147.03 14.10 -12.89 N | 148.08 13.07 -21.69 N | 141.15 10.95 -34.85 N | 145.11 14.63 -8.57 N | 142.52 13.58 -14.49 N | 143.39 10.55 -43.94 N | 145.70 10.70 -44.10 N | 137.99 13.05 -12.23 N | 130.96 13.02 0.00 N |
| FPL_FAR_ROCK_GT2 23815 | 152.78 4.64 -108.17 N | 111.15 4.21 -67.05 N | 62.93 5.57 -1.41 N | 43.76 3.68 -0.01 N | 56.83 4.24 -3.42 N | 46.19 3.60 0.00 N | 92.75 6.81 -2.02 N | 86.63 4.35 -36.46 N | 87.21 5.23 -31.38 N | 153.17 8.91 -64.41 N | 138.79 8.21 -59.06 N | 152.72 -6.69 -219.09 N | 144.78 5.87 -85.99 N | 145.48 9.90 -51.80 N | 147.13 14.06 -14.93 N | 147.03 14.10 -12.89 N | 148.08 13.07 -21.69 N | 141.15 10.95 -34.85 N | 145.11 14.63 -8.57 N | 142.52 13.58 -14.49 N | 143.39 10.55 -43.94 N | 145.70 10.70 -44.10 N | 137.99 13.05 -12.23 N | 130.96 13.02 0.00 N |
| FRANKLIN_FALL_HYD 24054 | 39.78 -0.19 0.00 N | 39.72 -0.16 0.00 N | 55.69 -0.26 0.00 N | 39.84 -0.23 0.00 N | 48.88 -0.28 0.00 N | 42.41 -0.17 0.00 N | 83.50 -0.42 0.00 N | 45.51 -0.30 0.00 N | 50.42 -0.19 0.00 N | 79.77 -0.08 0.00 N | 71.51 -0.01 0.00 N | -59.33 0.35 0.00 N | 52.39 -0.53 0.00 N | 82.64 -1.13 0.00 N | 116.42 -1.72 0.00 N | 117.96 -2.07 0.00 N | 111.73 -1.59 0.00 N | 94.39 -0.96 0.00 N | 120.70 -1.20 0.00 N | 113.34 -1.11 0.00 N | 88.00 -0.91 0.00 N | 89.97 -0.94 0.00 N | 112.20 -0.50 0.00 N | 117.64 -0.30 0.00 N |
| FREEPORT_EQUS_GT1 23764 | 140.17 4.27 -95.94 N | 68.74 3.87 -24.98 N | 61.28 5.11 -0.23 N | 43.43 3.35 0.00 N | 56.41 3.83 -3.41 N | 45.87 3.29 0.00 N | 92.13 6.19 -2.01 N | 86.30 4.04 -36.45 N | 84.76 4.79 -29.37 N | 108.55 8.27 -20.43 N | 135.43 7.55 -56.35 N | 153.24 -6.12 -219.04 N | 143.95 5.04 -85.99 N | 143.94 8.36 -51.80 N | 144.97 11.90 -14.93 N | 144.35 11.42 -12.89 N | 145.53 10.51 -21.69 N | 139.08 8.88 -34.85 N | 142.83 12.36 -8.57 N | 139.55 11.52 -13.58 N | 141.34 8.97 -43.45 N | 144.36 9.35 -44.10 N | 136.43 11.49 -12.23 N | 129.36 11.41 0.00 N |
| FULTON COGEN____ 23766 | 39.95 -0.98 -0.96 N | 39.81 -1.06 -0.98 N | 54.35 -1.60 0.00 N | 38.95 -1.13 0.00 N | 48.04 -1.38 -0.25 N | 41.35 -1.23 0.00 N | 81.72 -2.36 -0.15 N | 47.32 -1.20 -2.71 N | 51.44 -1.22 -2.05 N | 77.96 -1.90 0.00 N | 70.04 -1.47 0.00 N | -58.77 0.90 0.00 N | 53.14 -0.76 -0.97 N | 83.96 -1.13 -1.32 N | 116.63 -1.51 0.00 N | 118.65 -1.39 0.00 N | 112.08 -1.25 0.00 N | 94.00 -1.35 0.00 N | 119.94 -1.96 0.00 N | 112.64 -1.81 0.00 N | 87.42 -1.49 0.00 N | 89.47 -1.45 0.00 N | 110.23 -2.47 0.00 N | 115.35 -2.59 0.00 N |
| Freeport____CT2 23818 | 140.17 4.27 -95.94 N | 68.74 3.87 -24.98 N | 61.28 5.11 -0.23 N | 43.43 3.35 0.00 N | 56.41 3.83 -3.41 N | 45.87 3.29 0.00 N | 92.13 6.19 -2.01 N | 86.30 4.04 -36.45 N | 84.76 4.79 -29.37 N | 108.55 8.27 -20.43 N | 135.43 7.55 -56.35 N | 153.24 -6.12 -219.04 N | 143.95 5.04 -85.99 N | 143.94 8.36 -51.80 N | 144.97 11.90 -14.93 N | 144.35 11.42 -12.89 N | 145.53 10.51 -21.69 N | 139.08 8.88 -34.85 N | 142.83 12.36 -8.57 N | 139.55 11.52 -13.58 N | 141.34 8.97 -43.45 N | 144.36 9.35 -44.10 N | 136.43 11.49 -12.23 N | 129.36 11.41 0.00 N |
| G.F.CEMENT____DRP 24184 | 58.87 2.11 -16.80 N | 59.17 2.08 -17.21 N | 58.98 3.03 0.00 N | 42.25 2.17 0.00 N | 56.16 2.55 -4.45 N | 44.82 2.23 0.00 N | 91.47 4.93 -2.62 N | 96.11 2.89 -47.41 N | 89.67 3.17 -35.89 N | 84.16 4.33 0.02 N | 77.08 4.13 -1.43 N | -45.43 -3.65 -17.90 N | 79.12 3.31 -22.89 N | 114.86 5.21 -25.88 N | 126.27 6.99 -1.14 N | 126.78 5.76 -0.98 N | 119.73 4.81 -1.60 N | 103.08 5.07 -2.66 N | 130.70 8.15 -0.65 N | 123.36 7.88 -1.02 N | 98.34 6.13 -3.30 N | 100.15 5.87 -3.37 N | 120.58 6.97 -0.91 N | 124.79 6.85 0.00 N |
| GARDENVILLE____LBMP 24039 | 37.41 -4.52 -1.96 N | 37.43 -4.46 -2.01 N | 49.50 -6.44 0.00 N | 35.53 -4.54 0.00 N | 44.11 -5.57 -0.52 N | 37.59 -4.99 0.00 N | 74.58 -9.65 -0.31 N | 46.13 -5.22 -5.53 N | 48.68 -6.11 -4.19 N | 67.37 -10.62 1.87 N | 62.86 -8.65 0.00 N | -53.82 5.86 0.00 N | 50.00 -4.90 -1.98 N | 78.95 -7.51 -2.69 N | 108.13 -10.01 0.00 N | 111.32 -8.72 0.00 N | 105.78 -7.55 0.00 N | 87.36 -7.99 0.00 N | 109.46 -12.44 0.00 N | 103.32 -11.13 0.00 N | 79.58 -9.33 0.00 N | 81.71 -9.20 0.00 N | 99.23 -13.47 0.00 N | 105.76 -12.18 0.00 N |
| GENERAL____MILLS 23808 | 37.55 -4.40 -1.98 N | 37.57 -4.35 -2.03 N | 49.66 -6.29 0.00 N | 35.65 -4.43 0.00 N | 44.26 -5.43 -0.53 N | 37.71 -4.87 0.00 N | 74.79 -9.45 -0.31 N | 46.32 -5.10 -5.61 N | 48.88 -5.96 -4.24 N | 67.59 -10.44 1.83 N | 63.02 -8.49 0.00 N | -54.02 5.66 0.00 N | 50.16 -4.77 -2.01 N | 79.19 -7.31 -2.73 N | 108.40 -9.74 0.00 N | 111.56 -8.48 0.00 N | 106.06 -7.26 0.00 N | 87.62 -7.73 0.00 N | 109.70 -12.20 0.00 N | 103.57 -10.87 0.00 N | 79.80 -9.11 0.00 N | 81.96 -8.95 0.00 N | 99.53 -13.18 0.00 N | 106.10 -11.84 0.00 N |
| GE_PLASTICS____DRP 24183 | 57.91 1.66 -16.29 N | 58.18 1.62 -16.68 N | 58.24 2.29 0.00 N | 41.69 1.61 0.00 N | 55.44 1.96 -4.31 N | 44.27 1.69 0.00 N | 89.76 3.30 -2.53 N | 93.51 1.87 -45.82 N | 87.31 2.01 -34.70 N | 82.78 2.95 0.03 N | 74.00 2.48 0.00 N | -61.72 -2.04 0.00 N | 71.37 1.99 -16.45 N | 109.46 3.27 -22.42 N | 122.81 4.67 0.00 N | 124.40 4.37 0.00 N | 117.05 3.73 0.00 N | 98.41 3.06 0.00 N | 126.53 4.62 0.00 N | 118.72 4.28 0.00 N | 92.25 3.34 0.00 N | 94.21 3.30 0.00 N | 116.50 3.80 0.00 N | 121.92 3.98 0.00 N |
| GILBOA____I 23756 | 54.05 1.49 -12.59 N | 54.24 1.47 -12.89 N | 58.09 2.14 0.00 N | 41.61 1.53 0.00 N | 54.48 1.98 -3.33 N | 44.32 1.74 0.00 N | 89.07 3.18 -1.97 N | 82.98 1.60 -35.57 N | 79.35 1.82 -26.93 N | 82.74 2.92 0.04 N | 70.73 2.72 3.51 N | -105.93 -2.42 43.84 N | 53.43 2.26 1.76 N | 98.00 3.71 -10.52 N | 120.41 5.26 2.99 N | 122.62 5.16 2.58 N | 113.71 4.57 4.18 N | 92.05 3.67 6.97 N | 125.35 5.17 1.72 N | 116.48 4.71 2.68 N | 83.91 3.64 8.64 N | 85.79 3.70 8.82 N | 114.60 4.26 2.37 N | 122.28 4.34 0.00 N |

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| GILBOA____2 23757 | 54.05 1.49 -12.59 N | 54.24 1.47 -12.89 N | 58.09 2.14 0.00 N | 41.61 1.53 0.00 N | 54.48 1.98 -3.33 N | 44.32 1.74 0.00 N | 89.07 3.18 -1.97 N | 82.98 1.60 -35.57 N | 79.35 1.82 -26.93 N | 82.74 2.92 0.04 N | 70.73 2.72 3.51 N | -105.93 -2.42 43.84 N | 53.43 2.26 1.76 N | 98.00 3.71 -10.52 N | 120.41 5.26 2.99 N | 122.62 5.16 2.58 N | 113.71 4.57 4.18 N | 92.05 3.67 6.97 N | 125.35 5.17 1.72 N | 116.48 4.71 2.68 N | 83.91 3.64 8.64 N | 85.79 3.70 8.82 N | 114.60 4.26 2.37 N | 122.28 4.34 0.00 N |
| GILBOA____3 23758 | 54.05 1.49 -12.59 N | 54.24 1.47 -12.89 N | 58.09 2.14 0.00 N | 41.61 1.53 0.00 N | 54.48 1.98 -3.33 N | 44.32 1.74 0.00 N | 89.07 3.18 -1.97 N | 82.98 1.60 -35.57 N | 79.35 1.82 -26.93 N | 82.74 2.92 0.04 N | 70.73 2.72 3.51 N | -105.93 -2.42 43.84 N | 53.43 2.26 1.76 N | 98.00 3.71 -10.52 N | 120.41 5.26 2.99 N | 122.62 5.16 2.58 N | 113.71 4.57 4.18 N | 92.05 3.67 6.97 N | 125.35 5.17 1.72 N | 116.48 4.71 2.68 N | 83.91 3.64 8.64 N | 85.79 3.70 8.82 N | 114.60 4.26 2.37 N | 122.28 4.34 0.00 N |
| GILBOA____4 23759 | 54.05 1.49 -12.59 N | 54.24 1.47 -12.89 N | 58.09 2.14 0.00 N | 41.61 1.53 0.00 N | 54.48 1.98 -3.33 N | 44.32 1.74 0.00 N | 89.07 3.18 -1.97 N | 82.98 1.60 -35.57 N | 79.35 1.82 -26.93 N | 82.74 2.92 0.04 N | 70.73 2.72 3.51 N | -105.93 -2.42 43.84 N | 53.43 2.26 1.76 N | 98.00 3.71 -10.52 N | 120.41 5.26 2.99 N | 122.62 5.16 2.58 N | 113.71 4.57 4.18 N | 92.05 3.67 6.97 N | 125.35 5.17 1.72 N | 116.48 4.71 2.68 N | 83.91 3.64 8.64 N | 85.79 3.70 8.82 N | 114.60 4.26 2.37 N | 122.28 4.34 0.00 N |
| GILBOA____ 23599 | 54.05 1.49 -12.59 N | 54.24 1.47 -12.89 N | 58.09 2.14 0.00 N | 41.61 1.53 0.00 N | 54.48 1.98 -3.33 N | 44.32 1.74 0.00 N | 89.07 3.18 -1.97 N | 82.98 1.60 -35.57 N | 79.35 1.82 -26.93 N | 82.74 2.92 0.04 N | 70.73 2.72 3.51 N | -105.93 -2.42 43.84 N | 53.43 2.26 1.76 N | 98.00 3.71 -10.52 N | 120.41 5.26 2.99 N | 122.62 5.16 2.58 N | 113.71 4.57 4.18 N | 92.05 3.67 6.97 N | 125.35 5.17 1.72 N | 116.48 4.71 2.68 N | 83.91 3.64 8.64 N | 85.79 3.70 8.82 N | 114.60 4.26 2.37 N | 122.28 4.34 0.00 N |
| GINNA____ 23603 | 37.45 -3.93 -1.41 N | 37.38 -3.95 -1.45 N | 50.20 -5.75 0.00 N | 36.02 -4.06 0.00 N | 44.53 -5.00 -0.37 N | 38.15 -4.43 0.00 N | 75.41 -8.74 -0.22 N | 45.21 -4.60 -3.99 N | 48.55 -5.08 -3.02 N | 69.29 -8.39 2.18 N | 64.60 -6.92 0.00 N | -54.67 5.00 0.00 N | 50.20 -4.15 -1.43 N | 79.18 -6.54 -1.95 N | 109.22 -8.92 0.00 N | 111.62 -8.42 0.00 N | 105.83 -7.50 0.00 N | 88.31 -7.04 0.00 N | 111.61 -10.29 0.00 N | 104.98 -9.47 0.00 N | 81.19 -7.72 0.00 N | 83.41 -7.50 0.00 N | 101.74 -10.97 0.00 N | 106.98 -10.96 0.00 N |
| GLEN PARK____ 23778 | 40.83 0.38 -0.48 N | 40.57 0.20 -0.49 N | 56.02 0.08 0.00 N | 40.11 0.03 0.00 N | 49.37 0.08 -0.13 N | 42.62 0.04 0.00 N | 84.14 0.14 -0.07 N | 47.38 0.21 -1.36 N | 52.16 0.52 -1.03 N | 81.36 1.50 0.00 N | 73.18 1.66 0.00 N | -61.30 -1.62 0.00 N | 54.94 1.53 -0.48 N | 86.97 2.53 -0.66 N | 121.55 3.41 0.00 N | 123.61 3.57 0.00 N | 116.71 3.39 0.00 N | 98.21 2.86 0.00 N | 125.40 3.50 0.00 N | 117.80 3.35 0.00 N | 91.25 2.34 0.00 N | 93.47 2.56 0.00 N | 114.96 2.25 0.00 N | 119.50 1.56 0.00 N |
| GLENWOOD_IC_1_G5 23712 | 138.68 3.90 -94.81 N | 64.52 3.54 -21.10 N | 60.74 4.67 -0.12 N | 43.16 3.08 0.00 N | 56.11 3.54 -3.41 N | 45.59 3.01 0.00 N | 91.69 5.75 -2.01 N | 85.97 3.70 -36.45 N | 84.23 4.44 -29.18 N | 103.76 7.66 -16.25 N | 134.74 7.13 -56.10 N | 153.45 -5.90 -219.04 N | 144.07 5.15 -85.99 N | 144.26 8.68 -51.80 N | 145.33 12.26 -14.93 N | 145.15 12.22 -12.89 N | 146.27 11.26 -21.69 N | 139.57 9.37 -34.85 N | 142.96 12.49 -8.57 N | 139.48 11.54 -13.49 N | 141.32 9.00 -43.41 N | 144.14 9.13 -44.10 N | 135.89 10.96 -12.23 N | 128.78 10.84 0.00 N |
| GLENWOOD_IC_2_G1 23688 | 137.20 3.65 -93.58 N | 60.07 3.32 -16.87 N | 60.33 4.38 0.00 N | 42.96 2.89 0.00 N | 55.89 3.31 -3.41 N | 45.39 2.81 0.00 N | 91.34 5.40 -2.01 N | 85.74 3.47 -36.45 N | 83.74 4.15 -28.98 N | 98.76 7.13 -11.77 N | 134.01 6.67 -55.82 N | 153.77 -5.58 -219.03 N | 143.78 4.87 -85.99 N | 143.70 8.12 -51.80 N | 144.54 11.47 -14.93 N | 144.36 11.43 -12.89 N | 145.52 10.51 -21.69 N | 138.89 8.69 -34.85 N | 142.11 11.64 -8.57 N | 138.59 10.74 -13.40 N | 140.67 8.40 -43.36 N | 143.51 8.50 -44.10 N | 135.16 10.21 -12.23 N | 128.07 10.13 0.00 N |
| GLENWOOD_IC_3_G1 23689 | 137.20 3.65 -93.58 N | 60.07 3.32 -16.87 N | 60.33 4.38 0.00 N | 42.96 2.89 0.00 N | 55.89 3.31 -3.41 N | 45.39 2.81 0.00 N | 91.34 5.40 -2.01 N | 85.74 3.47 -36.45 N | 83.74 4.15 -28.98 N | 98.76 7.13 -11.77 N | 134.01 6.67 -55.82 N | 153.77 -5.58 -219.03 N | 143.78 4.87 -85.99 N | 143.70 8.12 -51.80 N | 144.54 11.47 -14.93 N | 144.36 11.43 -12.89 N | 145.52 10.51 -21.69 N | 138.89 8.69 -34.85 N | 142.11 11.64 -8.57 N | 138.59 10.74 -13.40 N | 140.67 8.40 -43.36 N | 143.51 8.50 -44.10 N | 135.16 10.21 -12.23 N | 128.07 10.13 0.00 N |
| GLENWOOD____4 23550 | 138.68 3.90 -94.81 N | 64.52 3.54 -21.10 N | 60.74 4.67 -0.12 N | 43.16 3.08 0.00 N | 56.11 3.54 -3.41 N | 45.59 3.01 0.00 N | 91.70 5.76 -2.01 N | 85.97 3.70 -36.45 N | 84.23 4.44 -29.18 N | 103.76 7.66 -16.24 N | 134.74 7.13 -56.10 N | 153.45 -5.90 -219.04 N | 144.07 5.15 -85.99 N | 144.25 8.67 -51.80 N | 145.33 12.26 -14.93 N | 145.15 12.22 -12.89 N | 146.27 11.26 -21.69 N | 139.57 9.37 -34.85 N | 142.96 12.49 -8.57 N | 139.48 11.54 -13.49 N | 141.32 9.00 -43.41 N | 144.14 9.13 -44.10 N | 135.89 10.96 -12.23 N | 128.78 10.84 0.00 N |
| GLENWOOD____5 23614 | 138.68 3.90 -94.81 N | 64.52 3.54 -21.10 N | 60.74 4.67 -0.12 N | 43.16 3.08 0.00 N | 56.11 3.54 -3.41 N | 45.59 3.01 0.00 N | 91.70 5.76 -2.01 N | 85.97 3.70 -36.45 N | 84.23 4.44 -29.18 N | 103.76 7.66 -16.24 N | 134.74 7.13 -56.10 N | 153.45 -5.90 -219.04 N | 144.07 5.15 -85.99 N | 144.25 8.67 -51.80 N | 145.33 12.26 -14.93 N | 145.15 12.22 -12.89 N | 146.27 11.26 -21.69 N | 139.57 9.37 -34.85 N | 142.96 12.49 -8.57 N | 139.48 11.54 -13.49 N | 141.32 9.00 -43.41 N | 144.14 9.13 -44.10 N | 135.89 10.96 -12.23 N | 128.78 10.84 0.00 N |
| GLOBAL GREEN_PORT_GT1 23814 | 141.01 8.43 -92.62 N | 61.31 7.86 -13.57 N | 66.19 10.33 0.09 N | 47.01 6.93 0.00 N | 60.70 8.12 -3.41 N | 49.59 7.01 0.00 N | 99.70 13.76 -2.01 N | 90.85 8.58 -36.45 N | 87.62 8.19 -28.82 N | 102.74 14.57 -8.32 N | 140.50 13.38 -55.61 N | 148.26 -11.09 -219.03 N | 147.79 8.88 -85.99 N | 150.60 15.02 -51.80 N | 154.02 20.95 -14.93 N | 153.74 20.81 -12.89 N | 153.91 18.90 -21.69 N | 145.86 15.66 -34.85 N | 150.98 20.51 -8.57 N | 147.27 19.50 -13.33 N | 146.82 14.59 -43.32 N | 149.50 14.49 -44.10 N | 144.38 19.44 -12.23 N | 138.39 20.44 0.00 N |
| GOETHSLN____LBMP 323567 | 56.15 3.29 -12.89 N | 56.08 3.00 -13.20 N | 59.88 3.93 0.00 N | 42.62 2.55 0.00 N | 55.50 2.92 -3.41 N | 45.01 2.42 0.00 N | 90.54 4.60 -2.01 N | 85.28 3.02 -36.44 N | 81.89 3.69 -27.59 N | 86.23 6.40 0.03 N | 95.13 6.08 -17.53 N | 154.06 -5.22 -218.96 N | 142.92 4.66 -85.34 N | 143.18 7.62 -51.79 N | 143.74 10.68 -14.92 N | 143.55 10.63 -12.89 N | 144.03 9.79 -20.91 N | 138.16 7.97 -34.84 N | 141.08 10.61 -8.57 N | 137.61 9.77 -13.40 N | 139.75 7.67 -43.17 N | 142.78 7.78 -44.08 N | 133.89 9.33 -11.86 N | 127.24 9.30 0.00 N |
| GOUDEY____7 23579 | 43.40 -0.72 -4.16 N | 43.39 -0.75 -4.26 N | 54.75 -1.20 0.00 N | 39.21 -0.87 0.00 N | 49.17 -1.10 -1.10 N | 41.53 -1.06 0.00 N | 82.77 -1.81 -0.65 N | 56.64 -0.93 -11.75 N | 58.53 -0.97 -8.89 N | 78.16 -1.51 0.18 N | 71.12 -0.99 -0.59 N | -52.09 0.17 -7.41 N | 59.48 -0.10 -6.65 N | 91.00 0.36 -6.88 N | 119.30 0.65 -0.50 N | 121.80 1.33 -0.43 N | 115.18 1.15 -0.71 N | 96.62 0.09 -1.18 N | 122.04 -0.15 -0.29 N | 114.77 -0.13 -0.45 N | 90.11 -0.26 -1.46 N | 91.93 -0.47 -1.49 N | 111.74 -1.37 -0.40 N | 116.70 -1.24 0.00 N |

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|---------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|
| GOWANUS_GT4_3 24132 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| GOWANUS_GT4_4 24133 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| GOWANUS_GT4_5 24134 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| GOWANUS_GT4_6 24135 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| GOWANUS_GT4_7 24136 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| GOWANUS_GT4_8 24137 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| GREENIDGE___3 23582 | 39.91 -2.30 -2.24 N | 40.05 -2.13 -2.29 N | 52.30 -3.64 0.00 N | 37.82 -2.25 0.00 N | 46.73 -3.03 -0.59 N | 39.89 -2.69 0.00 N | 79.24 -5.04 -0.35 N | 49.59 -2.55 -6.32 N | 52.67 -2.72 -4.79 N | 74.48 -5.35 0.03 N | 67.40 -4.12 0.00 N | -57.31 2.37 0.00 N | 53.77 -1.42 -2.26 N | 84.49 -2.37 -3.08 N | 114.56 -3.58 0.00 N | 117.45 -2.59 0.00 N | 111.07 -2.26 0.00 N | 92.26 -3.09 0.00 N | 116.85 -5.06 0.00 N | 109.82 -4.63 0.00 N | 85.03 -3.89 0.00 N | 86.97 -3.95 0.00 N | 106.11 -6.60 0.00 N | 111.51 -6.44 0.00 N |
| GREENIDGE___4 23583 | 39.91 -2.30 -2.24 N | 40.05 -2.13 -2.29 N | 52.30 -3.64 0.00 N | 37.82 -2.25 0.00 N | 46.73 -3.03 -0.59 N | 39.89 -2.69 0.00 N | 79.24 -5.04 -0.35 N | 49.59 -2.55 -6.32 N | 52.67 -2.72 -4.79 N | 74.48 -5.35 0.03 N | 67.40 -4.12 0.00 N | -57.31 2.37 0.00 N | 53.77 -1.42 -2.26 N | 84.49 -2.37 -3.08 N | 114.56 -3.58 0.00 N | 117.45 -2.59 0.00 N | 111.07 -2.26 0.00 N | 92.26 -3.09 0.00 N | 116.85 -5.06 0.00 N | 109.82 -4.63 0.00 N | 85.03 -3.89 0.00 N | 86.97 -3.95 0.00 N | 106.11 -6.60 0.00 N | 111.51 -6.44 0.00 N |
| GROVEVILLE___HYD 323602 | 56.18 3.06 -13.16 N | 56.13 2.77 -13.48 N | 59.61 3.67 0.00 N | 42.49 2.41 0.00 N | 55.40 2.75 -3.49 N | 44.84 2.26 0.00 N | 90.27 4.29 -2.06 N | 85.83 2.76 -37.25 N | 82.18 3.38 -28.20 N | 85.70 5.87 0.03 N | 92.41 5.54 -15.36 N | 127.49 -4.66 -191.83 N | 133.91 4.34 -76.65 N | 138.85 7.14 -47.94 N | 141.25 10.05 -13.06 N | 141.28 9.96 -11.28 N | 140.80 9.17 -18.30 N | 133.38 7.53 -30.50 N | 139.44 10.04 -7.50 N | 135.35 9.18 -11.73 N | 133.92 7.22 -37.79 N | 136.78 7.27 -38.59 N | 131.59 8.51 -10.38 N | 126.25 8.31 0.00 N |
| HAMPSHIRE___PAPER_HYD 323593 | 40.08 0.11 0.00 N | 39.97 0.09 0.00 N | 56.03 0.08 0.00 N | 40.15 0.07 0.00 N | 49.29 0.12 0.00 N | 42.68 0.10 0.00 N | 83.72 -0.21 0.00 N | 45.66 -0.16 0.00 N | 50.50 -0.10 0.00 N | 80.32 0.46 0.00 N | 71.94 0.42 0.00 N | -60.00 -0.32 0.00 N | 52.98 0.06 0.00 N | 83.75 -0.02 0.00 N | 117.74 -0.40 0.00 N | 119.36 -0.67 0.00 N | 112.83 -0.49 0.00 N | 95.39 0.04 0.00 N | 121.86 -0.05 0.00 N | 114.68 0.23 0.00 N | 89.00 0.09 0.00 N | 91.50 0.58 0.00 N | 113.41 0.70 0.00 N | 118.46 0.52 0.00 N |
| HARZA MOOSE___RIVER 24016 | 40.18 0.21 0.00 N | 39.99 0.11 0.00 N | 56.00 0.06 0.00 N | 40.13 0.06 0.00 N | 49.27 0.11 0.00 N | 42.64 0.05 0.00 N | 84.07 0.14 0.00 N | 45.99 0.17 0.00 N | 50.95 0.34 0.00 N | 80.78 0.92 0.00 N | 72.53 1.01 0.00 N | -60.76 -1.08 0.00 N | 53.83 0.91 0.00 N | 85.28 1.51 0.00 N | 120.14 2.00 0.00 N | 122.11 2.07 0.00 N | 115.20 1.88 0.00 N | 96.94 1.59 0.00 N | 123.83 1.92 0.00 N | 116.33 1.88 0.00 N | 90.33 1.42 0.00 N | 92.54 1.62 0.00 N | 114.21 1.50 0.00 N | 119.16 1.22 0.00 N |
| HEMPSTEAD___ 23647 | 138.69 3.97 -94.75 N | 64.37 3.60 -20.89 N | 60.80 4.74 0.00 N | 43.17 3.10 0.00 N | 56.12 3.55 -3.41 N | 45.61 3.03 0.00 N | 91.68 5.75 -2.01 N | 86.02 3.75 -36.45 N | 84.26 4.48 -29.17 N | 103.67 7.75 -16.06 N | 134.75 7.15 -56.08 N | 153.53 -5.83 -219.04 N | 143.81 4.90 -85.99 N | 143.86 8.28 -51.80 N | 144.84 11.77 -14.93 N | 144.52 11.59 -12.89 N | 145.67 10.66 -21.69 N | 139.13 8.93 -34.85 N | 142.58 12.11 -8.57 N | 139.16 11.23 -13.49 N | 141.04 8.72 -43.41 N | 143.92 8.91 -44.10 N | 135.77 10.83 -12.23 N | 128.64 10.70 0.00 N |
| HICKLING___1 23621 | 41.57 -1.29 -2.89 N | 41.55 -1.29 -2.96 N | 53.82 -2.12 0.00 N | 38.58 -1.49 0.00 N | 48.00 -1.93 -0.77 N | 40.66 -1.93 0.00 N | 81.54 -2.84 -0.45 N | 52.60 -1.39 -8.17 N | 55.30 -1.49 -6.18 N | 76.78 -2.88 0.19 N | 69.72 -1.79 0.00 N | -59.83 -0.15 0.00 N | 55.95 0.11 -2.92 N | 89.13 1.38 -3.98 N | 120.44 2.29 0.00 N | 123.90 3.86 0.00 N | 116.88 3.56 0.00 N | 96.50 1.16 0.00 N | 122.54 0.64 0.00 N | 115.09 0.64 0.00 N | 89.04 0.13 0.00 N | 90.70 -0.21 0.00 N | 110.67 -2.04 0.00 N | 116.52 -1.42 0.00 N |
| HICKLING___2 23622 | 41.57 -1.29 -2.89 N | 41.55 -1.29 -2.96 N | 53.82 -2.12 0.00 N | 38.58 -1.49 0.00 N | 48.00 -1.93 -0.77 N | 40.66 -1.93 0.00 N | 81.54 -2.84 -0.45 N | 52.60 -1.39 -8.17 N | 55.30 -1.49 -6.18 N | 76.78 -2.88 0.19 N | 69.72 -1.79 0.00 N | -59.83 -0.15 0.00 N | 55.95 0.11 -2.92 N | 89.13 1.38 -3.98 N | 120.44 2.29 0.00 N | 123.90 3.86 0.00 N | 116.88 3.56 0.00 N | 96.50 1.16 0.00 N | 122.54 0.64 0.00 N | 115.09 0.64 0.00 N | 89.04 0.13 0.00 N | 90.70 -0.21 0.00 N | 110.67 -2.04 0.00 N | 116.52 -1.42 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 |
|---------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|---|
| HIGH FALLS___HY 23754 | 56.16 3.28 -12.90 N | 56.05 2.95 -13.22 N | 59.88 3.94 0.00 N | 42.73 2.65 0.00 N | 55.68 3.10 -3.42 N | 45.21 2.63 0.00 N | 91.17 5.22 -2.03 N | 85.76 3.25 -36.69 N | 82.34 3.95 -27.78 N | 86.67 6.84 0.03 N | 91.38 6.46 -13.40 N | 102.35 -5.40 -167.43 N | 126.14 4.87 -68.33 N | 135.50 7.93 -43.80 N | 140.65 11.10 -11.41 N | 140.91 11.02 -9.85 N | 139.61 10.30 -15.98 N | 130.44 8.46 -26.63 N | 139.59 11.14 -6.55 N | 134.89 10.21 -10.24 N | 130.13 8.22 -33.00 N | 132.99 8.38 -33.70 N | 131.57 9.80 -9.06 N | 127.54 9.59 0.00 N | |
| HILLBURN___GT 23639 | 55.38 3.05 -12.36 N | 55.30 2.76 -12.66 N | 59.56 3.61 0.00 N | 42.46 2.38 0.00 N | 55.19 2.76 -3.27 N | 44.89 2.31 0.00 N | 90.29 4.44 -1.93 N | 83.68 2.91 -34.95 N | 80.60 3.53 -26.46 N | 85.97 6.15 0.03 N | 93.25 5.69 -16.04 N | 135.86 -4.87 -200.41 N | 136.04 4.44 -78.68 N | 139.28 7.33 -48.18 N | 142.22 10.42 -13.66 N | 142.41 10.58 -11.79 N | 142.32 9.86 -19.14 N | 135.20 7.97 -31.88 N | 140.21 10.46 -7.84 N | 136.29 9.58 -12.26 N | 135.96 7.53 -39.51 N | 138.90 7.64 -40.34 N | 132.62 9.06 -10.85 N | 126.79 8.85 0.00 N | |
| HOLTSVILLE_IC_1 23690 | 137.56 4.99 -92.60 N | 57.94 4.54 -13.53 N | 61.79 5.94 0.09 N | 43.97 3.90 0.00 N | 57.00 4.42 -3.41 N | 46.45 3.87 0.00 N | 93.32 7.38 -2.01 N | 87.06 4.79 -36.45 N | 84.58 5.15 -28.82 N | 96.99 8.86 -8.27 N | 135.11 7.98 -55.61 N | 153.15 -6.20 -219.03 N | 143.29 4.38 -85.99 N | 143.30 7.72 -51.80 N | 144.05 10.99 -14.93 N | 143.80 10.88 -12.89 N | 144.71 9.70 -21.69 N | 138.47 8.27 -34.85 N | 141.76 11.28 -8.57 N | 138.58 10.80 -13.33 N | 140.31 8.08 -43.32 N | 143.11 8.10 -44.10 N | 135.95 11.01 -12.23 N | 128.97 11.03 0.00 N | |
| HOLTSVILLE_IC_10 23699 | 137.89 5.27 -92.64 N | 58.34 4.80 -13.66 N | 62.13 6.28 0.09 N | 44.19 4.11 0.00 N | 57.26 4.68 -3.41 N | 46.69 4.11 0.00 N | 93.78 7.84 -2.01 N | 87.33 5.07 -36.45 N | 84.90 5.47 -28.83 N | 97.67 9.40 -8.42 N | 135.62 8.48 -55.61 N | 152.68 -6.67 -219.03 N | 143.62 4.71 -85.99 N | 143.78 8.20 -51.80 N | 144.74 11.67 -14.93 N | 144.55 11.62 -12.89 N | 145.37 10.36 -21.69 N | 139.04 8.84 -34.85 N | 142.49 12.02 -8.57 N | 139.29 11.51 -13.33 N | 140.84 8.61 -43.32 N | 143.69 8.68 -44.10 N | 136.75 11.80 -12.23 N | 129.70 11.76 0.00 N | |
| HOLTSVILLE_IC_2 23691 | 137.56 4.99 -92.60 N | 57.94 4.54 -13.53 N | 61.79 5.94 0.09 N | 43.97 3.90 0.00 N | 57.00 4.42 -3.41 N | 46.45 3.87 0.00 N | 93.32 7.38 -2.01 N | 87.06 4.79 -36.45 N | 84.58 5.15 -28.82 N | 96.99 8.86 -8.27 N | 135.11 7.98 -55.61 N | 153.15 -6.20 -219.03 N | 143.29 4.38 -85.99 N | 143.30 7.72 -51.80 N | 144.05 10.99 -14.93 N | 143.80 10.88 -12.89 N | 144.71 9.70 -21.69 N | 138.47 8.27 -34.85 N | 141.76 11.28 -8.57 N | 138.58 10.80 -13.33 N | 140.31 8.08 -43.32 N | 143.11 8.10 -44.10 N | 135.95 11.01 -12.23 N | 128.97 11.03 0.00 N | |
| HOLTSVILLE_IC_3 23692 | 137.56 4.99 -92.60 N | 57.94 4.54 -13.53 N | 61.79 5.94 0.09 N | 43.97 3.90 0.00 N | 57.00 4.42 -3.41 N | 46.45 3.87 0.00 N | 93.32 7.38 -2.01 N | 87.06 4.79 -36.45 N | 84.58 5.15 -28.82 N | 96.99 8.86 -8.27 N | 135.11 7.98 -55.61 N | 153.15 -6.20 -219.03 N | 143.29 4.38 -85.99 N | 143.30 7.72 -51.80 N | 144.05 10.99 -14.93 N | 143.80 10.88 -12.89 N | 144.71 9.70 -21.69 N | 138.47 8.27 -34.85 N | 141.76 11.28 -8.57 N | 138.58 10.80 -13.33 N | 140.31 8.08 -43.32 N | 143.11 8.10 -44.10 N | 135.95 11.01 -12.23 N | 128.97 11.03 0.00 N | |
| HOLTSVILLE_IC_4 23693 | 137.56 4.99 -92.60 N | 57.94 4.54 -13.53 N | 61.79 5.94 0.09 N | 43.97 3.90 0.00 N | 57.00 4.42 -3.41 N | 46.45 3.87 0.00 N | 93.32 7.38 -2.01 N | 87.06 4.79 -36.45 N | 84.58 5.15 -28.82 N | 96.99 8.86 -8.27 N | 135.11 7.98 -55.61 N | 153.15 -6.20 -219.03 N | 143.29 4.38 -85.99 N | 143.30 7.72 -51.80 N | 144.05 10.99 -14.93 N | 143.80 10.88 -12.89 N | 144.71 9.70 -21.69 N | 138.47 8.27 -34.85 N | 141.76 11.28 -8.57 N | 138.58 10.80 -13.33 N | 140.31 8.08 -43.32 N | 143.11 8.10 -44.10 N | 135.95 11.01 -12.23 N | 128.97 11.03 0.00 N | |
| HOLTSVILLE_IC_5 23694 | 137.56 4.99 -92.60 N | 57.94 4.54 -13.53 N | 61.79 5.94 0.09 N | 43.97 3.90 0.00 N | 57.00 4.42 -3.41 N | 46.45 3.87 0.00 N | 93.32 7.38 -2.01 N | 87.06 4.79 -36.45 N | 84.58 5.15 -28.82 N | 96.99 8.86 -8.27 N | 135.11 7.98 -55.61 N | 153.15 -6.20 -219.03 N | 143.29 4.38 -85.99 N | 143.30 7.72 -51.80 N | 144.05 10.99 -14.93 N | 143.80 10.88 -12.89 N | 144.71 9.70 -21.69 N | 138.47 8.27 -34.85 N | 141.76 11.28 -8.57 N | 138.58 10.80 -13.33 N | 140.31 8.08 -43.32 N | 143.11 8.10 -44.10 N | 135.95 11.01 -12.23 N | 128.97 11.03 0.00 N | |
| HOLTSVILLE_IC_6 23695 | 137.89 5.27 -92.64 N | 58.34 4.80 -13.66 N | 62.13 6.28 0.09 N | 44.19 4.11 0.00 N | 57.26 4.68 -3.41 N | 46.69 4.11 0.00 N | 93.78 7.84 -2.01 N | 87.33 5.07 -36.45 N | 84.90 5.47 -28.83 N | 97.67 9.40 -8.42 N | 135.62 8.48 -55.61 N | 152.68 -6.67 -219.03 N | 143.62 4.71 -85.99 N | 143.78 8.20 -51.80 N | 144.74 11.67 -14.93 N | 144.55 11.62 -12.89 N | 145.37 10.36 -21.69 N | 139.04 8.84 -34.85 N | 142.49 12.02 -8.57 N | 139.29 11.51 -13.33 N | 140.84 8.61 -43.32 N | 143.69 8.68 -44.10 N | 136.75 11.80 -12.23 N | 129.70 11.76 0.00 N | |
| HOLTSVILLE_IC_7 23696 | 137.89 5.27 -92.64 N | 58.34 4.80 -13.66 N | 62.13 6.28 0.09 N | 44.19 4.11 0.00 N | 57.26 4.68 -3.41 N | 46.69 4.11 0.00 N | 93.78 7.84 -2.01 N | 87.33 5.07 -36.45 N | 84.90 5.47 -28.83 N | 97.67 9.40 -8.42 N | 135.62 8.48 -55.61 N | 152.68 -6.67 -219.03 N | 143.62 4.71 -85.99 N | 143.78 8.20 -51.80 N | 144.74 11.67 -14.93 N | 144.55 11.62 -12.89 N | 145.37 10.36 -21.69 N | 139.04 8.84 -34.85 N | 142.49 12.02 -8.57 N | 139.29 11.51 -13.33 N | 140.84 8.61 -43.32 N | 143.69 8.68 -44.10 N | 136.75 11.80 -12.23 N | 129.70 11.76 0.00 N | |
| HOLTSVILLE_IC_8 23697 | 137.89 5.27 -92.64 N | 58.34 4.80 -13.66 N | 62.13 6.28 0.09 N | 44.19 4.11 0.00 N | 57.26 4.68 -3.41 N | 46.69 4.11 0.00 N | 93.78 7.84 -2.01 N | 87.33 5.07 -36.45 N | 84.90 5.47 -28.83 N | 97.67 9.40 -8.42 N | 135.62 8.48 -55.61 N | 152.68 -6.67 -219.03 N | 143.62 4.71 -85.99 N | 143.78 8.20 -51.80 N | 144.74 11.67 -14.93 N | 144.55 11.62 -12.89 N | 145.37 10.36 -21.69 N | 139.04 8.84 -34.85 N | 142.49 12.02 -8.57 N | 139.29 11.51 -13.33 N | 140.84 8.61 -43.32 N | 143.69 8.68 -44.10 N | 136.75 11.80 -12.23 N | 129.70 11.76 0.00 N | |
| HOLTSVILLE_IC_9 23698 | 137.89 5.27 -92.64 N | 58.34 4.80 -13.66 N | 62.13 6.28 0.09 N | 44.19 4.11 0.00 N | 57.26 4.68 -3.41 N | 46.69 4.11 0.00 N | 93.78 7.84 -2.01 N | 87.33 5.07 -36.45 N | 84.90 5.47 -28.83 N | 97.67 9.40 -8.42 N | 135.62 8.48 -55.61 N | 152.68 -6.67 -219.03 N | 143.62 4.71 -85.99 N | 143.78 8.20 -51.80 N | 144.74 11.67 -14.93 N | 144.55 11.62 -12.89 N | 145.37 10.36 -21.69 N | 139.04 8.84 -34.85 N | 142.49 12.02 -8.57 N | 139.29 11.51 -13.33 N | 140.84 8.61 -43.32 N | 143.69 8.68 -44.10 N | 136.75 11.80 -12.23 N | 129.70 11.76 0.00 N | |
| HQ_GEN_CEDARS 23644 | 39.72 -0.25 0.00 N | 39.75 -0.13 0.00 N | 55.85 -0.10 0.00 N | 40.03 -0.05 0.00 N | 49.14 -0.02 0.00 N | 42.60 0.02 0.00 N | 83.76 -0.16 0.00 N | 45.52 -0.30 0.00 N | 50.20 -0.41 0.00 N | 79.36 -0.50 0.00 N | 70.83 -0.69 0.00 N | -58.75 0.93 0.00 N | 51.75 -1.18 0.00 N | 81.64 -2.13 0.00 N | 115.02 -3.11 0.00 N | 116.76 -3.27 0.00 N | 110.54 -2.78 0.00 N | 93.46 -1.89 0.00 N | 119.10 -2.80 0.00 N | 111.94 -2.51 0.00 N | 86.93 -1.98 0.00 N | 89.05 -1.86 0.00 N | 111.25 -1.46 0.00 N | 116.80 -1.14 0.00 N | |
| HQ_GEN_IMPORT | 39.66 | 39.65 | 55.71 | 39.93 | 49.00 | 42.46 | 83.67 | 45.56 | 35.06 | 38.42 | 34.65 | -58.74 | 51.87 | 81.91 | 115.45 | 117.34 | 110.97 | 93.72 | 119.57 | 112.29 | 87.26 | 84.00 | 81.00 | 116.68 | |

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| 323601 | -0.31 0.00 N | -0.23 0.00 N | -0.24 0.00 N | -0.15 0.00 N | -0.17 0.00 N | -0.12 0.00 N | -0.25 0.00 N | -0.26 0.00 N | -0.51 26.87 N | -0.56 30.83 N | -0.60 15.24 N | 0.94 0.00 N | -1.06 0.00 N | -1.86 0.00 N | -2.69 0.00 N | -2.69 0.00 N | -2.35 0.00 N | -1.63 0.00 N | -2.33 0.00 N | -2.16 0.00 N | -1.65 0.00 N | -1.74 2.36 N | -0.87 -3.44 N | -1.26 0.00 N |
| HQ_GEN_WHEEL 23651 | 39.66 -0.31 0.00 N | 39.65 -0.23 0.00 N | 55.71 -0.24 0.00 N | 39.93 -0.15 0.00 N | 49.00 -0.17 0.00 N | 42.46 -0.12 0.00 N | 83.67 -0.25 0.00 N | 45.56 -0.26 0.00 N | 35.06 -0.51 26.87 N | 38.42 -0.56 30.83 N | 34.65 -0.60 15.24 N | -58.74 0.94 0.00 N | 51.87 -1.06 0.00 N | 81.91 -1.86 0.00 N | 115.45 -2.69 0.00 N | 117.34 -2.69 0.00 N | 110.97 -2.35 0.00 N | 93.72 -1.63 0.00 N | 119.57 -2.33 0.00 N | 112.29 -2.16 0.00 N | 87.26 -1.65 0.00 N | 89.27 -1.64 0.00 N | 111.38 -1.33 0.00 N | 116.68 -1.26 0.00 N |
| HUDSON AVE_GT_3 23810 | 56.40 3.54 -12.89 N | 56.32 3.24 -13.20 N | 60.22 4.27 0.00 N | 42.87 2.80 0.00 N | 55.82 3.25 -3.41 N | 45.28 2.70 0.00 N | 91.12 5.18 -2.01 N | 85.60 3.34 -36.44 N | 82.21 4.01 -27.59 N | 86.74 6.92 0.03 N | 95.58 6.54 -17.53 N | 153.69 -5.60 -218.96 N | 143.24 4.98 -85.34 N | 143.73 8.16 -51.79 N | 144.54 11.48 -14.92 N | 144.37 11.45 -12.89 N | 144.80 10.57 -20.91 N | 138.83 8.64 -34.84 N | 141.94 11.47 -8.57 N | 138.39 10.55 -13.40 N | 140.35 8.27 -43.17 N | 143.37 8.38 -44.08 N | 134.60 10.04 -11.86 N | 127.93 9.99 0.00 N |
| HUDSON AVE_GT_4 23540 | 56.40 3.54 -12.89 N | 56.32 3.24 -13.20 N | 60.22 4.27 0.00 N | 42.87 2.80 0.00 N | 55.82 3.25 -3.41 N | 45.28 2.70 0.00 N | 91.12 5.18 -2.01 N | 85.60 3.34 -36.44 N | 82.21 4.01 -27.59 N | 86.74 6.92 0.03 N | 95.58 6.54 -17.53 N | 153.69 -5.60 -218.96 N | 143.24 4.98 -85.34 N | 143.73 8.16 -51.79 N | 144.54 11.48 -14.92 N | 144.37 11.45 -12.89 N | 144.80 10.57 -20.91 N | 138.83 8.64 -34.84 N | 141.94 11.47 -8.57 N | 138.39 10.55 -13.40 N | 140.35 8.27 -43.17 N | 143.37 8.38 -44.08 N | 134.60 10.04 -11.86 N | 127.93 9.99 0.00 N |
| HUDSON AVE_GT_5 23657 | 56.40 3.54 -12.89 N | 56.32 3.24 -13.20 N | 60.22 4.27 0.00 N | 42.87 2.80 0.00 N | 55.82 3.25 -3.41 N | 45.28 2.70 0.00 N | 91.12 5.18 -2.01 N | 85.60 3.34 -36.44 N | 82.21 4.01 -27.59 N | 86.74 6.92 0.03 N | 95.58 6.54 -17.53 N | 153.69 -5.60 -218.96 N | 143.24 4.98 -85.34 N | 143.73 8.16 -51.79 N | 144.54 11.48 -14.92 N | 144.37 11.45 -12.89 N | 144.80 10.57 -20.91 N | 138.83 8.64 -34.84 N | 141.94 11.47 -8.57 N | 138.39 10.55 -13.40 N | 140.35 8.27 -43.17 N | 143.37 8.38 -44.08 N | 134.60 10.04 -11.86 N | 127.93 9.99 0.00 N |
| HUDSON_AVE_10 24168 | 56.32 3.46 -12.89 N | 56.24 3.16 -13.20 N | 60.10 4.15 0.00 N | 42.79 2.71 0.00 N | 55.72 3.14 -3.41 N | 45.19 2.61 0.00 N | 90.91 4.97 -2.01 N | 85.45 3.19 -36.44 N | 82.04 3.84 -27.59 N | 86.45 6.62 0.03 N | 95.29 6.24 -17.53 N | 153.99 -5.29 -218.96 N | 143.01 4.75 -85.34 N | 143.37 7.81 -51.79 N | 144.04 10.98 -14.92 N | 143.80 10.88 -12.89 N | 144.32 10.08 -20.91 N | 138.44 8.25 -34.84 N | 141.47 11.00 -8.57 N | 137.89 10.05 -13.40 N | 139.99 7.91 -43.17 N | 143.00 8.00 -44.08 N | 134.23 9.66 -11.86 N | 127.47 9.53 0.00 N |
| HUNTER MOUNT___DRP 323613 | 57.20 3.11 -14.12 N | 57.31 2.96 -14.46 N | 60.04 4.09 0.00 N | 42.91 2.83 0.00 N | 56.34 3.43 -3.74 N | 45.50 2.92 0.00 N | 91.93 5.75 -2.25 N | 90.03 3.44 -40.78 N | 85.39 3.91 -30.87 N | 86.13 6.30 0.03 N | 88.17 5.80 -10.85 N | 71.00 -4.83 -135.52 N | 116.45 4.50 -59.03 N | 131.61 7.32 -40.52 N | 137.81 10.42 -9.24 N | 138.45 10.43 -7.98 N | 135.91 9.64 -12.95 N | 124.81 7.89 -21.58 N | 138.08 10.87 -5.31 N | 132.81 10.06 -8.30 N | 123.52 7.88 -26.74 N | 126.13 7.92 -27.30 N | 129.17 9.12 -7.34 N | 126.91 8.97 0.00 N |
| HUNTLEY___63 23557 | 37.71 -4.11 -1.86 N | 37.74 -4.04 -1.90 N | 50.08 -5.88 0.00 N | 35.95 -4.13 0.00 N | 44.60 -5.05 -0.49 N | 38.05 -4.54 0.00 N | 75.36 -8.85 -0.29 N | 46.28 -4.78 -5.24 N | 48.93 -5.65 -3.97 N | 67.88 -10.06 1.92 N | 63.40 -8.12 0.00 N | -54.29 5.39 0.00 N | 50.31 -4.49 -1.88 N | 79.30 -7.02 -2.56 N | 108.83 -9.31 0.00 N | 111.98 -8.05 0.00 N | 106.51 -6.81 0.00 N | 88.10 -7.25 0.00 N | 110.11 -11.79 0.00 N | 104.06 -10.39 0.00 N | 80.12 -8.79 0.00 N | 82.44 -8.47 0.00 N | 99.95 -12.76 0.00 N | 106.74 -11.21 0.00 N |
| HUNTLEY___64 23558 | 37.71 -4.11 -1.86 N | 37.74 -4.04 -1.90 N | 50.08 -5.88 0.00 N | 35.95 -4.13 0.00 N | 44.60 -5.05 -0.49 N | 38.05 -4.54 0.00 N | 75.36 -8.85 -0.29 N | 46.28 -4.78 -5.24 N | 48.93 -5.65 -3.97 N | 67.88 -10.06 1.92 N | 63.40 -8.12 0.00 N | -54.29 5.39 0.00 N | 50.31 -4.49 -1.88 N | 79.30 -7.02 -2.56 N | 108.83 -9.31 0.00 N | 111.98 -8.05 0.00 N | 106.51 -6.81 0.00 N | 88.10 -7.25 0.00 N | 110.11 -11.79 0.00 N | 104.06 -10.39 0.00 N | 80.12 -8.79 0.00 N | 82.44 -8.47 0.00 N | 99.95 -12.76 0.00 N | 106.74 -11.21 0.00 N |
| HUNTLEY___65 23559 | 37.71 -4.11 -1.86 N | 37.74 -4.04 -1.90 N | 50.08 -5.88 0.00 N | 35.95 -4.13 0.00 N | 44.60 -5.05 -0.49 N | 38.05 -4.54 0.00 N | 75.36 -8.85 -0.29 N | 46.28 -4.78 -5.24 N | 48.93 -5.65 -3.97 N | 67.88 -10.06 1.92 N | 63.40 -8.12 0.00 N | -54.29 5.39 0.00 N | 50.31 -4.49 -1.88 N | 79.30 -7.02 -2.56 N | 108.83 -9.31 0.00 N | 111.98 -8.05 0.00 N | 106.51 -6.81 0.00 N | 88.10 -7.25 0.00 N | 110.11 -11.79 0.00 N | 104.06 -10.39 0.00 N | 80.12 -8.79 0.00 N | 82.44 -8.47 0.00 N | 99.95 -12.76 0.00 N | 106.74 -11.21 0.00 N |
| HUNTLEY___66 23560 | 37.71 -4.11 -1.86 N | 37.74 -4.04 -1.90 N | 50.08 -5.88 0.00 N | 35.95 -4.13 0.00 N | 44.60 -5.05 -0.49 N | 38.05 -4.54 0.00 N | 75.36 -8.85 -0.29 N | 46.28 -4.78 -5.24 N | 48.93 -5.65 -3.97 N | 67.88 -10.06 1.92 N | 63.40 -8.12 0.00 N | -54.29 5.39 0.00 N | 50.31 -4.49 -1.88 N | 79.30 -7.02 -2.56 N | 108.83 -9.31 0.00 N | 111.98 -8.05 0.00 N | 106.51 -6.81 0.00 N | 88.10 -7.25 0.00 N | 110.11 -11.79 0.00 N | 104.06 -10.39 0.00 N | 80.12 -8.79 0.00 N | 82.44 -8.47 0.00 N | 99.95 -12.76 0.00 N | 106.74 -11.21 0.00 N |
| HUNTLEY___67 23561 | 37.19 -4.69 -1.91 N | 37.22 -4.62 -1.96 N | 49.32 -6.63 0.00 N | 35.41 -4.67 0.00 N | 43.95 -5.71 -0.51 N | 37.48 -5.10 0.00 N | 74.26 -9.96 -0.30 N | 45.81 -5.41 -5.40 N | 48.35 -6.35 -4.09 N | 66.85 -11.12 1.89 N | 62.41 -9.11 0.00 N | -53.47 6.21 0.00 N | 49.63 -5.23 -1.93 N | 78.24 -8.16 -2.63 N | 107.18 -10.96 0.00 N | 110.28 -9.75 0.00 N | 104.87 -8.45 0.00 N | 86.67 -8.67 0.00 N | 108.39 -13.51 0.00 N | 102.44 -12.01 0.00 N | 78.89 -10.02 0.00 N | 81.07 -9.84 0.00 N | 98.40 -14.31 0.00 N | 105.06 -12.88 0.00 N |
| HUNTLEY___68 23562 | 37.19 -4.69 -1.91 N | 37.22 -4.62 -1.96 N | 49.32 -6.63 0.00 N | 35.41 -4.67 0.00 N | 43.95 -5.71 -0.51 N | 37.48 -5.10 0.00 N | 74.26 -9.96 -0.30 N | 45.81 -5.41 -5.40 N | 48.35 -6.35 -4.09 N | 66.85 -11.12 1.89 N | 62.41 -9.11 0.00 N | -53.47 6.21 0.00 N | 49.63 -5.23 -1.93 N | 78.24 -8.16 -2.63 N | 107.18 -10.96 0.00 N | 110.28 -9.75 0.00 N | 104.87 -8.45 0.00 N | 86.67 -8.67 0.00 N | 108.39 -13.51 0.00 N | 102.44 -12.01 0.00 N | 78.89 -10.02 0.00 N | 81.07 -9.84 0.00 N | 98.40 -14.31 0.00 N | 105.06 -12.88 0.00 N |
| INDECK___CORINTH 23802 | 58.58 1.63 -16.98 N | 58.85 1.58 -17.39 N | 58.26 2.32 0.00 N | 41.73 1.65 0.00 N | 55.60 1.94 -4.50 N | 44.28 1.70 0.00 N | 90.43 3.86 -2.65 N | 96.05 2.33 -47.90 N | 89.45 2.58 -36.27 N | 83.06 3.20 0.00 N | 76.01 3.17 -1.33 N | -45.93 -2.81 -16.56 N | 77.92 2.37 -22.62 N | 113.35 3.66 -25.91 N | 123.97 4.77 -1.06 N | 124.30 3.35 -0.92 N | 117.36 2.55 -1.49 N | 101.35 3.51 -2.48 N | 128.79 6.28 -0.61 N | 121.98 6.58 -0.95 N | 97.19 5.21 -3.07 N | 99.03 4.98 -3.14 N | 119.35 5.80 -0.85 N | 123.42 5.48 0.00 N |

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|----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| INDECK____ILION 23567 | 40.66 1.01 0.32 N | 40.45 0.90 0.32 N | 57.19 1.24 0.00 N | 40.97 0.90 0.00 N | 50.17 1.09 0.08 N | 43.50 0.91 0.00 N | 85.87 2.00 0.05 N | 46.14 1.22 0.90 N | 51.28 1.36 0.68 N | 82.02 2.17 0.00 N | 73.48 1.97 0.00 N | -61.43 -1.76 0.00 N | 54.18 1.58 0.32 N | 86.07 2.73 0.44 N | 121.94 3.80 0.00 N | 123.74 3.71 0.00 N | 116.53 3.21 0.00 N | 98.10 2.75 0.00 N | 125.89 3.98 0.00 N | 118.25 3.80 0.00 N | 91.91 3.00 0.00 N | 93.86 2.95 0.00 N | 115.91 3.20 0.00 N | 121.03 3.09 0.00 N |
| INDECK____OLEAN 23982 | 37.93 -4.23 -2.19 N | 37.69 -4.43 -2.24 N | 49.39 -6.55 0.00 N | 35.37 -4.70 0.00 N | 43.90 -5.84 -0.58 N | 37.27 -5.31 0.00 N | 74.29 -9.97 -0.34 N | 46.85 -5.15 -6.19 N | 49.76 -5.53 -4.68 N | 69.43 -8.80 1.63 N | 64.71 -6.81 0.00 N | -55.69 3.99 0.00 N | 51.65 -3.49 -2.21 N | 82.15 -4.63 -3.02 N | 112.26 -5.88 0.00 N | 115.77 -4.27 0.00 N | 109.98 -3.34 0.00 N | 90.62 2.73 0.00 N | 114.22 -7.69 0.00 N | 107.47 -6.98 0.00 N | 83.03 -5.88 0.00 N | 85.10 -5.81 0.00 N | 103.47 -9.23 0.00 N | 108.52 -9.42 0.00 N |
| INDECK____OSWEGO 23783 | 39.77 -1.12 -0.92 N | 39.68 -1.15 -0.94 N | 54.23 -1.71 0.00 N | 38.86 -1.21 0.00 N | 47.90 -1.50 -0.24 N | 41.25 -1.33 0.00 N | 81.47 -2.60 -0.14 N | 47.08 -1.34 -2.60 N | 51.16 -1.41 -1.97 N | 77.64 -2.22 0.00 N | 69.75 -1.77 0.00 N | -58.46 1.22 0.00 N | 52.86 -1.00 -0.93 N | 83.55 -1.49 -1.27 N | 116.13 -2.01 0.00 N | 118.12 -1.91 0.00 N | 111.58 -1.74 0.00 N | 93.63 -1.72 0.00 N | 119.45 -2.45 0.00 N | 112.20 -2.25 0.00 N | 87.07 -1.84 0.00 N | 89.10 -1.81 0.00 N | 109.88 -2.83 0.00 N | 115.00 -2.94 0.00 N |
| INDECK____YERKES 23781 | 37.71 -4.11 -1.86 N | 37.74 -4.04 -1.90 N | 50.08 -5.88 0.00 N | 35.95 -4.13 0.00 N | 44.60 -5.05 -0.49 N | 38.05 -4.54 0.00 N | 75.36 -8.85 -0.29 N | 46.28 -4.78 -5.24 N | 48.93 -5.65 -3.97 N | 67.88 -10.06 1.92 N | 63.40 -8.12 0.00 N | -54.29 5.39 0.00 N | 50.31 -4.49 -1.88 N | 79.30 -7.02 -2.56 N | 108.83 -9.31 0.00 N | 111.98 -8.05 0.00 N | 106.51 -6.81 0.00 N | 88.10 -7.25 0.00 N | 110.11 -11.79 0.00 N | 104.06 -10.39 0.00 N | 80.12 -8.79 0.00 N | 82.44 -8.47 0.00 N | 99.95 -12.76 0.00 N | 106.74 -11.21 0.00 N |
| INDIAN POINT_GT_1 24139 | 55.76 3.01 -12.78 N | 55.70 2.72 -13.09 N | 59.52 3.57 0.00 N | 42.43 2.35 0.00 N | 55.27 2.72 -3.39 N | 44.86 2.28 0.00 N | 90.30 4.38 -2.00 N | 84.81 2.85 -36.15 N | 81.42 3.44 -27.37 N | 85.78 5.96 0.03 N | 94.38 5.59 -17.27 N | 151.28 -4.75 -215.71 N | 141.40 4.31 -84.16 N | 142.03 7.12 -51.14 N | 142.90 10.06 -14.70 N | 142.83 10.10 -12.70 N | 143.23 9.31 -20.60 N | 137.27 7.60 -34.32 N | 140.47 10.13 -8.44 N | 136.93 9.28 -13.20 N | 138.74 7.30 -42.53 N | 141.70 7.36 -43.43 N | 133.12 8.73 -11.68 N | 126.51 8.58 0.00 N |
| INDIAN POINT_GT_2 23659 | 55.76 3.01 -12.78 N | 55.70 2.72 -13.09 N | 59.52 3.57 0.00 N | 42.43 2.35 0.00 N | 55.27 2.72 -3.39 N | 44.86 2.28 0.00 N | 90.30 4.38 -2.00 N | 84.81 2.85 -36.15 N | 81.42 3.44 -27.37 N | 85.78 5.96 0.03 N | 94.38 5.59 -17.27 N | 151.28 -4.75 -215.71 N | 141.40 4.31 -84.16 N | 142.03 7.12 -51.14 N | 142.90 10.06 -14.70 N | 142.83 10.10 -12.70 N | 143.23 9.31 -20.60 N | 137.27 7.60 -34.32 N | 140.47 10.13 -8.44 N | 136.93 9.28 -13.20 N | 138.74 7.30 -42.53 N | 141.70 7.36 -43.43 N | 133.12 8.73 -11.68 N | 126.51 8.58 0.00 N |
| INDIAN POINT_GT_3 24019 | 55.76 3.01 -12.78 N | 55.70 2.72 -13.09 N | 59.52 3.57 0.00 N | 42.43 2.35 0.00 N | 55.27 2.72 -3.39 N | 44.86 2.28 0.00 N | 90.30 4.38 -2.00 N | 84.81 2.85 -36.15 N | 81.42 3.44 -27.37 N | 85.78 5.96 0.03 N | 94.38 5.59 -17.27 N | 151.28 -4.75 -215.71 N | 141.40 4.31 -84.16 N | 142.03 7.12 -51.14 N | 142.90 10.06 -14.70 N | 142.83 10.10 -12.70 N | 143.23 9.31 -20.60 N | 137.27 7.60 -34.32 N | 140.47 10.13 -8.44 N | 136.93 9.28 -13.20 N | 138.74 7.30 -42.53 N | 141.70 7.36 -43.43 N | 133.12 8.73 -11.68 N | 126.51 8.58 0.00 N |
| INDIAN POINT____2 23530 | 55.53 2.91 -12.65 N | 55.47 2.63 -12.95 N | 59.38 3.43 0.00 N | 42.34 2.26 0.00 N | 55.11 2.60 -3.35 N | 44.75 2.17 0.00 N | 90.08 4.18 -1.98 N | 84.32 2.75 -35.76 N | 81.01 3.33 -27.07 N | 85.61 5.78 0.03 N | 93.79 5.41 -16.87 N | 146.47 -4.55 -210.70 N | 139.49 4.20 -82.36 N | 140.87 6.93 -50.17 N | 142.32 9.82 -14.36 N | 142.30 9.87 -12.40 N | 142.58 9.13 -20.12 N | 136.29 7.42 -33.52 N | 139.98 9.84 -8.24 N | 136.37 9.03 -12.89 N | 137.55 7.10 -41.54 N | 140.48 7.15 -42.42 N | 132.62 8.51 -11.41 N | 126.26 8.32 0.00 N |
| INDIAN POINT____3 23531 | 55.63 2.87 -12.79 N | 55.58 2.60 -13.10 N | 59.35 3.40 0.00 N | 42.32 2.24 0.00 N | 55.12 2.58 -3.39 N | 44.75 2.16 0.00 N | 90.07 4.15 -2.00 N | 84.69 2.72 -36.16 N | 81.28 3.29 -27.38 N | 85.53 5.70 0.03 N | 94.15 5.35 -17.29 N | 151.77 -4.50 -215.94 N | 141.31 4.15 -84.24 N | 141.79 6.84 -51.18 N | 142.54 9.68 -14.72 N | 142.43 9.69 -12.71 N | 142.86 8.91 -20.62 N | 136.97 7.26 -34.36 N | 140.04 9.69 -8.45 N | 136.55 8.90 -13.21 N | 138.48 6.99 -42.57 N | 141.44 7.05 -43.47 N | 132.76 8.36 -11.69 N | 126.14 8.20 0.00 N |
| IP CORINTH____1 23988 | 58.90 1.96 -16.98 N | 59.18 1.91 -17.39 N | 58.70 2.76 0.00 N | 42.04 1.97 0.00 N | 55.96 2.30 -4.50 N | 44.60 2.01 0.00 N | 91.05 4.48 -2.65 N | 96.39 2.67 -47.90 N | 89.86 2.98 -36.27 N | 83.73 3.87 0.00 N | 76.33 3.48 -1.33 N | -46.17 -3.06 -16.56 N | 78.04 2.49 -22.62 N | 113.41 3.72 -25.91 N | 123.95 4.74 -1.06 N | 124.27 3.32 -0.92 N | 117.36 2.55 -1.49 N | 101.37 3.54 -2.48 N | 129.38 6.87 -0.61 N | 122.82 7.43 -0.95 N | 97.98 5.99 -3.07 N | 99.87 5.81 -3.14 N | 120.36 6.81 -0.85 N | 124.46 6.52 0.00 N |
| IP____TICONDEROGA 23804 | 58.85 2.48 -16.40 N | 59.24 2.56 -16.80 N | 59.83 3.88 0.00 N | 42.89 2.82 0.00 N | 56.76 3.25 -4.34 N | 45.46 2.88 0.00 N | 92.89 6.41 -2.56 N | 95.90 3.79 -46.29 N | 89.66 4.00 -35.05 N | 85.43 5.60 0.02 N | 79.12 5.02 -2.59 N | -31.61 -4.29 -32.35 N | 84.71 4.53 -27.26 N | 118.51 7.16 -27.58 N | 129.81 9.52 -2.15 N | 129.32 7.43 -1.85 N | 121.93 5.60 -3.01 N | 105.96 5.60 -5.01 N | 133.07 9.93 -1.23 N | 125.73 9.36 -1.93 N | 102.37 7.26 -6.21 N | 104.05 6.80 -6.33 N | 123.05 8.64 -1.71 N | 126.75 8.80 0.00 N |
| JARVIS____ 23743 | 39.83 0.18 0.32 N | 39.72 0.16 0.32 N | 56.17 0.23 0.00 N | 40.24 0.16 0.00 N | 49.28 0.20 0.08 N | 42.75 0.17 0.00 N | 84.21 0.34 0.05 N | 45.15 0.23 0.90 N | 50.18 0.25 0.68 N | 80.27 0.41 0.00 N | 71.95 0.43 0.00 N | -60.09 -0.41 0.00 N | 53.03 0.42 0.32 N | 84.00 0.67 0.44 N | 119.09 0.95 0.00 N | 120.99 0.96 0.00 N | 114.20 0.88 0.00 N | 96.02 0.67 0.00 N | 122.84 0.94 0.00 N | 115.36 0.91 0.00 N | 89.63 0.72 0.00 N | 91.63 0.72 0.00 N | 113.42 0.71 0.00 N | 118.65 0.71 0.00 N |
| JENNISON____1 23625 | 45.00 0.69 -4.34 N | 45.01 0.68 -4.45 N | 56.50 0.55 0.00 N | 40.68 0.61 0.00 N | 51.07 0.76 -1.15 N | 43.00 0.42 0.00 N | 85.80 1.20 -0.68 N | 58.94 0.86 -12.27 N | 61.17 1.28 -9.29 N | 81.97 2.22 0.12 N | 74.67 2.50 -0.65 N | -54.42 -2.91 -8.17 N | 62.42 2.42 -7.08 N | 95.23 4.21 -7.25 N | 124.46 5.76 -0.55 N | 126.80 6.29 -0.48 N | 120.01 5.91 -0.78 N | 100.90 4.25 -1.30 N | 127.43 5.20 -0.32 N | 119.96 5.02 -0.50 N | 94.36 3.84 -1.61 N | 96.44 3.88 -1.64 N | 116.73 3.58 -0.44 N | 121.28 3.34 0.00 N |
| JENNISON____2 23626 | 44.94 0.63 -4.34 N | 44.96 0.63 -4.45 N | 56.41 0.46 0.00 N | 40.62 0.55 0.00 N | 51.00 0.69 -1.15 N | 42.94 0.36 0.00 N | 85.67 1.07 -0.68 N | 58.86 0.78 -12.27 N | 61.09 1.19 -9.29 N | 81.82 2.08 0.12 N | 74.53 2.36 -0.65 N | -54.30 -2.79 -8.17 N | 62.32 2.32 -7.08 N | 95.09 4.07 -7.25 N | 124.22 5.52 -0.55 N | 126.56 6.05 -0.48 N | 119.80 5.70 -0.78 N | 100.71 4.06 -1.30 N | 127.21 4.99 -0.32 N | 119.74 4.79 -0.50 N | 94.19 3.68 -1.61 N | 96.26 3.70 -1.64 N | 116.54 3.39 -0.44 N | 121.07 3.13 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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| KEDC_PORT_JEFF_GT2 24210 | 137.87 5.27 -92.63 N | 58.25 4.77 -13.60 N | 62.11 6.25 0.09 N | 44.18 4.10 0.00 N | 57.23 4.66 -3.41 N | 46.69 4.11 0.00 N | 93.83 7.89 -2.01 N | 87.36 5.09 -36.45 N | 84.93 5.50 -28.82 N | 97.72 9.51 -8.35 N | 135.63 8.51 -55.61 N | 152.83 -6.52 -219.03 N | 143.44 4.53 -85.99 N | 143.12 7.55 -51.80 N | 143.77 10.70 -14.93 N | 143.54 10.61 -12.89 N | 144.44 9.43 -21.69 N | 138.29 8.09 -34.85 N | 141.56 11.08 -8.57 N | 138.46 10.69 -13.33 N | 140.15 7.92 -43.32 N | 142.99 7.98 -44.10 N | 136.54 11.60 -12.23 N | 129.55 11.61 0.00 N | |
| KEDC_PORT_JEFF_GT3 24211 | 137.87 5.27 -92.63 N | 58.25 4.77 -13.60 N | 62.11 6.25 0.09 N | 44.18 4.10 0.00 N | 57.23 4.66 -3.41 N | 46.69 4.11 0.00 N | 93.83 7.89 -2.01 N | 87.36 5.09 -36.45 N | 84.93 5.50 -28.82 N | 97.72 9.51 -8.35 N | 135.63 8.51 -55.61 N | 152.83 -6.52 -219.03 N | 143.44 4.53 -85.99 N | 143.12 7.55 -51.80 N | 143.77 10.70 -14.93 N | 143.54 10.61 -12.89 N | 144.44 9.43 -21.69 N | 138.29 8.09 -34.85 N | 141.56 11.08 -8.57 N | 138.46 10.69 -13.33 N | 140.15 7.92 -43.32 N | 142.99 7.98 -44.10 N | 136.54 11.60 -12.23 N | 129.55 11.61 0.00 N | |
| KEDC_GLWD_GT4 24219 | 138.68 3.90 -94.81 N | 64.52 3.54 -21.10 N | 60.74 4.67 -0.12 N | 43.16 3.08 0.00 N | 56.11 3.54 -3.41 N | 45.59 3.01 0.00 N | 91.69 5.75 -2.01 N | 85.97 3.70 -36.45 N | 84.23 4.44 -29.18 N | 103.76 7.66 -16.25 N | 134.74 7.13 -56.10 N | 153.45 -5.90 -219.04 N | 144.07 5.15 -85.99 N | 144.26 8.68 -51.80 N | 145.33 12.26 -14.93 N | 145.15 12.22 -12.89 N | 146.27 11.26 -21.69 N | 139.57 9.37 -34.85 N | 142.96 12.49 -8.57 N | 139.48 11.54 -13.49 N | 141.32 9.00 -43.41 N | 144.14 9.13 -44.10 N | 135.89 10.96 -12.23 N | 128.78 10.84 0.00 N | |
| KEDC_GLWD_GT5 24220 | 138.68 3.90 -94.81 N | 64.52 3.54 -21.10 N | 60.74 4.67 -0.12 N | 43.16 3.08 0.00 N | 56.11 3.54 -3.41 N | 45.59 3.01 0.00 N | 91.69 5.75 -2.01 N | 85.97 3.70 -36.45 N | 84.23 4.44 -29.18 N | 103.76 7.66 -16.25 N | 134.74 7.13 -56.10 N | 153.45 -5.90 -219.04 N | 144.07 5.15 -85.99 N | 144.26 8.68 -51.80 N | 145.33 12.26 -14.93 N | 145.15 12.22 -12.89 N | 146.27 11.26 -21.69 N | 139.57 9.37 -34.85 N | 142.96 12.49 -8.57 N | 139.48 11.54 -13.49 N | 141.32 9.00 -43.41 N | 144.14 9.13 -44.10 N | 135.89 10.96 -12.23 N | 128.78 10.84 0.00 N | |
| KENSICO____ 23655 | 56.04 3.21 -12.87 N | 55.98 2.92 -13.18 N | 59.79 3.84 0.00 N | 42.63 2.55 0.00 N | 55.52 2.95 -3.41 N | 45.05 2.47 0.00 N | 90.70 4.77 -2.01 N | 85.27 3.07 -36.38 N | 81.82 3.66 -27.55 N | 86.15 6.32 0.03 N | 94.94 5.93 -17.49 N | 153.72 -5.06 -218.46 N | 142.63 4.56 -85.15 N | 142.97 7.51 -51.68 N | 143.61 10.58 -14.89 N | 143.48 10.59 -12.86 N | 143.92 9.73 -20.86 N | 138.08 7.97 -34.76 N | 141.08 10.63 -8.55 N | 137.59 9.78 -13.36 N | 139.66 7.67 -43.07 N | 142.65 7.76 -43.98 N | 133.76 9.22 -11.83 N | 127.08 9.13 0.00 N | |
| KIAC_JFK_GT1 23816 | 56.63 3.75 -12.91 N | 56.56 3.47 -13.21 N | 60.51 4.56 0.00 N | 43.05 2.98 0.00 N | 56.02 3.45 -3.41 N | 45.45 2.87 0.00 N | 91.30 5.36 -2.01 N | 85.59 3.33 -36.44 N | 82.15 3.95 -27.59 N | 86.65 6.82 0.03 N | 95.40 6.35 -17.53 N | 154.00 -5.29 -218.96 N | 143.10 4.84 -85.34 N | 143.57 8.00 -51.79 N | 144.29 11.22 -14.92 N | 144.05 11.12 -12.89 N | 144.64 10.41 -20.91 N | 138.69 8.50 -34.84 N | 141.83 11.36 -8.57 N | 138.22 10.37 -13.40 N | 140.26 8.18 -43.17 N | 143.22 8.23 -44.08 N | 134.71 10.14 -11.86 N | 127.89 9.95 0.00 N | |
| KIAC_JFK_GT2 23817 | 56.63 3.75 -12.91 N | 56.56 3.47 -13.21 N | 60.51 4.56 0.00 N | 43.05 2.98 0.00 N | 56.02 3.45 -3.41 N | 45.45 2.87 0.00 N | 91.30 5.36 -2.01 N | 85.59 3.33 -36.44 N | 82.15 3.95 -27.59 N | 86.65 6.82 0.03 N | 95.40 6.35 -17.53 N | 154.00 -5.29 -218.96 N | 143.10 4.84 -85.34 N | 143.57 8.00 -51.79 N | 144.29 11.22 -14.92 N | 144.05 11.12 -12.89 N | 144.64 10.41 -20.91 N | 138.69 8.50 -34.84 N | 141.83 11.36 -8.57 N | 138.22 10.37 -13.40 N | 140.26 8.18 -43.17 N | 143.22 8.23 -44.08 N | 134.71 10.14 -11.86 N | 127.89 9.95 0.00 N | |
| KINTIGH____ 23543 | 36.91 -4.64 -1.58 N | 36.92 -4.58 -1.62 N | 49.35 -6.60 0.00 N | 35.46 -4.61 0.00 N | 43.90 -5.68 -0.42 N | 37.57 -5.01 0.00 N | 74.19 -9.98 -0.25 N | 44.89 -5.39 -4.47 N | 47.71 -6.28 -3.39 N | 66.89 -10.91 2.05 N | 62.45 -9.06 0.00 N | -53.11 6.57 0.00 N | 49.07 -5.46 -1.60 N | 77.24 -8.71 -2.18 N | 106.35 -11.79 0.00 N | 109.08 -10.96 0.00 N | 103.66 -9.66 0.00 N | 86.03 -9.32 0.00 N | 107.95 -13.96 0.00 N | 101.88 -12.56 0.00 N | 78.55 -10.36 0.00 N | 80.74 -10.17 0.00 N | 98.29 -14.42 0.00 N | 104.55 -13.39 0.00 N | |
| LEDERLE____ 23769 | 55.77 3.35 -12.45 N | 55.67 3.04 -12.75 N | 59.93 3.98 0.00 N | 42.73 2.65 0.00 N | 55.53 3.07 -3.30 N | 45.16 2.58 0.00 N | 90.85 4.98 -1.95 N | 84.22 3.21 -35.20 N | 81.12 3.86 -26.65 N | 86.51 6.68 0.03 N | 94.05 6.23 -16.31 N | 138.76 -5.24 -203.68 N | 137.64 4.87 -79.84 N | 140.60 8.03 -48.80 N | 143.39 11.37 -13.88 N | 143.56 11.54 -11.99 N | 143.53 10.76 -19.45 N | 136.52 8.76 -32.41 N | 141.35 11.48 -7.97 N | 137.48 10.57 -12.46 N | 137.37 8.31 -40.16 N | 140.32 8.40 -41.00 N | 133.69 9.95 -11.03 N | 127.70 9.75 0.00 N | |
| LINDEN COGEN____ 23786 | 56.13 3.28 -12.89 N | 56.06 2.98 -13.20 N | 59.85 3.91 0.00 N | 42.59 2.52 0.00 N | 55.48 2.90 -3.41 N | 44.99 2.41 0.00 N | 90.51 4.57 -2.01 N | 85.28 3.02 -36.44 N | 81.86 3.66 -27.59 N | 86.20 6.38 0.03 N | 95.10 6.05 -17.53 N | 154.15 -5.14 -218.96 N | 142.87 4.61 -85.34 N | 143.10 7.53 -51.79 N | 143.61 10.55 -14.92 N | 143.42 10.50 -12.89 N | 143.90 9.67 -20.91 N | 138.07 7.88 -34.84 N | 140.99 10.52 -8.57 N | 137.54 9.70 -13.40 N | 139.71 7.63 -43.17 N | 142.71 7.72 -44.08 N | 133.80 9.23 -11.86 N | 127.16 9.22 0.00 N | |
| LIPA_MISC_IPP 23656 | 138.16 5.58 -92.62 N | 58.55 5.11 -13.56 N | 62.55 6.69 0.09 N | 44.48 4.41 0.00 N | 57.63 5.05 -3.41 N | 47.00 4.42 0.00 N | 94.41 8.47 -2.01 N | 87.72 5.45 -36.45 N | 85.04 5.61 -28.82 N | 97.63 9.46 -8.31 N | 135.69 8.56 -55.61 N | 152.58 -6.77 -219.03 N | 143.74 4.82 -85.99 N | 144.03 8.45 -51.80 N | 145.03 11.96 -14.93 N | 144.78 11.85 -12.89 N | 145.55 10.54 -21.69 N | 139.21 9.01 -34.85 N | 142.69 12.22 -8.57 N | 139.36 11.59 -13.33 N | 140.84 8.61 -43.32 N | 143.62 8.61 -44.10 N | 136.62 11.68 -12.23 N | 129.58 11.64 0.00 N | |
| LITTLE FALLS____HYD 24013 | 41.85 2.20 0.32 N | 41.50 1.94 0.32 N | 58.64 2.70 0.00 N | 42.05 1.97 0.00 N | 51.46 2.38 0.08 N | 44.60 2.02 0.00 N | 88.21 4.34 0.05 N | 47.47 2.55 0.90 N | 52.71 2.78 0.68 N | 84.21 4.35 0.00 N | 75.40 3.88 0.00 N | -63.16 -3.49 0.00 N | 55.67 3.06 0.32 N | 88.72 5.39 0.44 N | 125.60 7.46 0.00 N | 127.24 7.21 0.00 N | 119.51 6.18 0.00 N | 100.74 5.39 0.00 N | 129.81 7.90 0.00 N | 122.02 7.58 0.00 N | 94.84 5.93 0.00 N | 96.75 5.84 0.00 N | 119.15 6.45 0.00 N | 124.22 6.28 0.00 N | |
| LONG_LAKE_PHOENIX 24014 | 39.95 -0.98 -0.96 N | 39.82 -1.04 -0.98 N | 54.36 -1.59 0.00 N | 38.96 -1.12 0.00 N | 48.05 -1.36 -0.25 N | 41.37 -1.22 0.00 N | 81.73 -2.34 -0.15 N | 47.34 -1.18 -2.70 N | 51.46 -1.19 -2.05 N | 77.98 -1.87 0.00 N | 70.06 -1.46 0.00 N | -58.76 0.92 0.00 N | 53.15 -0.74 -0.97 N | 84.01 -1.08 -1.32 N | 116.65 -1.49 0.00 N | 118.68 -1.36 0.00 N | 112.10 -1.22 0.00 N | 94.06 -1.29 0.00 N | 119.99 -1.92 0.00 N | 112.66 -1.79 0.00 N | 87.46 -1.45 0.00 N | 89.49 -1.42 0.00 N | 110.24 -2.46 0.00 N | 115.39 -2.55 0.00 N | |
| LOVETT____3 | 55.28 | 55.21 | 59.22 | 42.22 | 54.94 | 44.63 | 89.81 | 83.82 | 80.60 | 85.41 | 93.22 | 142.00 | 137.66 | 139.73 | 141.66 | 141.70 | 141.85 | 135.32 | 139.48 | 135.76 | 136.40 | 139.35 | 132.07 | 125.93 | |

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| 23632 | 2.80 -12.51 N | 2.52 -12.81 N | 3.27 0.00 N | 2.14 0.00 N | 2.46 -3.31 N | 2.05 0.00 N | 3.93 -1.96 N | 2.62 -35.38 N | 3.21 -26.79 N | 5.59 0.03 N | 5.21 -16.50 N | -4.36 -206.04 N | 4.05 -80.69 N | 6.70 -49.26 N | 9.48 -14.04 N | 9.54 -12.13 N | 8.85 -19.68 N | 7.19 -32.78 N | 9.52 -8.06 N | 8.71 -12.61 N | 6.87 -40.62 N | 6.95 -41.48 N | 8.20 -11.16 N | 7.99 0.00 N |
| LOVETT___4 23642 | 55.49 3.01 -12.52 N | 55.42 2.72 -12.81 N | 59.50 3.56 0.00 N | 42.42 2.35 0.00 N | 55.19 2.71 -3.32 N | 44.85 2.26 0.00 N | 90.24 4.36 -1.96 N | 84.06 2.86 -35.39 N | 80.87 3.46 -26.79 N | 85.83 6.00 0.03 N | 93.64 5.61 -16.51 N | 141.78 -4.73 -206.19 N | 138.03 4.36 -80.74 N | 140.27 7.20 -49.29 N | 142.38 10.18 -14.05 N | 142.48 10.31 -12.14 N | 142.57 9.55 -19.69 N | 135.92 7.77 -32.81 N | 140.23 10.26 -8.07 N | 136.46 9.40 -12.61 N | 136.96 7.40 -40.65 N | 139.91 7.48 -41.51 N | 132.73 8.86 -11.16 N | 126.60 8.66 0.00 N |
| LOVETT___5 23593 | 55.49 3.01 -12.52 N | 55.42 2.72 -12.82 N | 59.50 3.56 0.00 N | 42.42 2.35 0.00 N | 55.19 2.71 -3.32 N | 44.85 2.26 0.00 N | 90.24 4.36 -1.96 N | 84.06 2.86 -35.39 N | 80.87 3.46 -26.79 N | 85.83 6.00 0.03 N | 93.64 5.61 -16.51 N | 141.78 -4.73 -206.19 N | 138.03 4.36 -80.74 N | 140.27 7.20 -49.29 N | 142.38 10.18 -14.05 N | 142.48 10.31 -12.14 N | 142.57 9.55 -19.69 N | 135.92 7.77 -32.81 N | 140.23 10.26 -8.07 N | 136.46 9.40 -12.61 N | 136.96 7.40 -40.65 N | 139.91 7.48 -41.51 N | 132.73 8.86 -11.16 N | 126.60 8.66 0.00 N |
| LOWER RAQUET___HYD 24057 | 39.92 -0.05 0.00 N | 39.91 0.03 0.00 N | 56.03 0.09 0.00 N | 40.17 0.09 0.00 N | 49.31 0.15 0.00 N | 42.73 0.15 0.00 N | 83.78 -0.14 0.00 N | 45.62 -0.19 0.00 N | 50.38 -0.23 0.00 N | 80.19 0.33 0.00 N | 71.59 0.08 0.00 N | -59.50 0.17 0.00 N | 52.32 -0.61 0.00 N | 82.53 -1.24 0.00 N | 115.83 -2.31 0.00 N | 117.15 -2.88 0.00 N | 111.03 -2.29 0.00 N | 94.29 -1.06 0.00 N | 120.21 -1.69 0.00 N | 113.24 -1.21 0.00 N | 87.90 -1.01 0.00 N | 90.11 -0.80 0.00 N | 112.29 -0.42 0.00 N | 117.58 -0.36 0.00 N |
| LOWER___HUDSON 24059 | 58.87 2.46 -16.44 N | 59.13 2.41 -16.84 N | 59.38 3.43 0.00 N | 42.51 2.43 0.00 N | 56.45 2.93 -4.36 N | 45.12 2.53 0.00 N | 91.81 5.32 -2.56 N | 95.24 3.03 -46.39 N | 89.04 3.31 -35.13 N | 84.76 4.92 0.02 N | 76.96 4.50 -0.94 N | -51.87 -4.00 -11.81 N | 77.19 3.75 -20.52 N | 114.18 5.99 -24.41 N | 126.91 8.10 -0.66 N | 128.19 7.59 -0.57 N | 120.72 6.47 -0.92 N | 102.47 5.58 -1.54 N | 130.66 8.38 -0.38 N | 122.90 7.86 -0.59 N | 97.01 6.20 -1.90 N | 98.88 6.02 -1.94 N | 120.36 7.13 -0.52 N | 125.28 7.34 0.00 N |
| LWR___OSWEGATCHIE_HYD 23850 | 40.08 0.11 0.00 N | 39.97 0.09 0.00 N | 56.03 0.08 0.00 N | 40.15 0.07 0.00 N | 49.29 0.12 0.00 N | 42.68 0.10 0.00 N | 83.72 -0.21 0.00 N | 45.66 -0.16 0.00 N | 50.50 -0.10 0.00 N | 80.32 0.46 0.00 N | 71.94 0.42 0.00 N | -60.00 -0.32 0.00 N | 52.98 0.06 0.00 N | 83.75 -0.02 0.00 N | 117.74 -0.40 0.00 N | 119.36 -0.67 0.00 N | 112.83 -0.49 0.00 N | 95.39 0.04 0.00 N | 121.86 -0.05 0.00 N | 114.68 0.23 0.00 N | 89.00 0.09 0.00 N | 91.50 0.58 0.00 N | 113.41 0.70 0.00 N | 118.46 0.52 0.00 N |
| LYONS_FALL_HYD 23570 | 40.18 0.21 0.00 N | 39.99 0.11 0.00 N | 56.00 0.06 0.00 N | 40.13 0.06 0.00 N | 49.27 0.11 0.00 N | 42.64 0.05 0.00 N | 84.07 0.14 0.00 N | 45.99 0.17 0.00 N | 50.95 0.34 0.00 N | 80.78 0.92 0.00 N | 72.53 1.01 0.00 N | -60.76 -1.08 0.00 N | 53.83 0.91 0.00 N | 85.28 1.51 0.00 N | 120.14 2.00 0.00 N | 122.11 2.07 0.00 N | 115.20 1.88 0.00 N | 96.94 1.59 0.00 N | 123.83 1.92 0.00 N | 116.33 1.88 0.00 N | 90.33 1.42 0.00 N | 92.54 1.62 0.00 N | 114.21 1.50 0.00 N | 119.16 1.22 0.00 N |
| MAPLE_RIDGE_WT_1 323574 | 38.44 -0.81 0.71 N | 38.38 -0.77 0.73 N | 54.97 -0.97 0.00 N | 39.37 -0.70 0.00 N | 48.26 -0.71 0.19 N | 42.04 -0.54 0.00 N | 82.75 -1.06 0.11 N | 43.28 -0.52 2.02 N | 48.45 -0.63 1.53 N | 79.06 -0.80 0.00 N | 70.92 -0.60 0.00 N | -59.23 0.45 0.00 N | 51.83 -0.38 0.72 N | 82.09 -0.70 0.98 N | 117.22 -0.92 0.00 N | 119.25 -0.78 0.00 N | 112.65 -0.67 0.00 N | 94.86 -0.49 0.00 N | 121.11 -0.79 0.00 N | 113.84 -0.60 0.00 N | 88.47 -0.44 0.00 N | 90.46 -0.45 0.00 N | 112.26 -0.45 0.00 N | 117.52 -0.42 0.00 N |
| MAPLE_RIDGE_WT_2 323611 | 38.44 -0.81 0.71 N | 38.38 -0.77 0.73 N | 54.97 -0.97 0.00 N | 39.37 -0.70 0.00 N | 48.26 -0.71 0.19 N | 42.04 -0.54 0.00 N | 82.75 -1.06 0.11 N | 43.28 -0.52 2.02 N | 48.45 -0.63 1.53 N | 79.06 -0.80 0.00 N | 70.92 -0.60 0.00 N | -59.23 0.45 0.00 N | 51.83 -0.38 0.72 N | 82.09 -0.70 0.98 N | 117.22 -0.92 0.00 N | 119.25 -0.78 0.00 N | 112.65 -0.67 0.00 N | 94.86 -0.49 0.00 N | 121.11 -0.79 0.00 N | 113.84 -0.60 0.00 N | 88.47 -0.44 0.00 N | 90.46 -0.45 0.00 N | 112.26 -0.45 0.00 N | 117.52 -0.42 0.00 N |
| MG INDUSTRY___DRP 24185 | 58.18 2.00 -16.22 N | 58.46 1.97 -16.61 N | 58.73 2.79 0.00 N | 42.03 1.95 0.00 N | 55.87 2.41 -4.29 N | 44.65 2.07 0.00 N | 90.51 4.06 -2.53 N | 93.86 2.31 -45.73 N | 87.54 2.31 -34.62 N | 83.12 3.29 0.03 N | 74.25 2.74 0.00 N | -61.98 -2.30 0.00 N | 71.47 2.16 -16.38 N | 109.63 3.54 -22.32 N | 123.39 5.25 0.00 N | 124.95 4.91 0.00 N | 117.53 4.21 0.00 N | 98.78 3.43 0.00 N | 126.92 5.02 0.00 N | 119.06 4.62 0.00 N | 92.57 3.66 0.00 N | 94.53 3.61 0.00 N | 116.88 4.17 0.00 N | 122.70 4.76 0.00 N |
| MID___OSWEGATCHIE_HYD 23849 | 40.08 0.11 0.00 N | 39.97 0.09 0.00 N | 56.03 0.08 0.00 N | 40.15 0.07 0.00 N | 49.29 0.12 0.00 N | 42.68 0.10 0.00 N | 83.72 -0.21 0.00 N | 45.66 -0.16 0.00 N | 50.50 -0.10 0.00 N | 80.32 0.46 0.00 N | 71.94 0.42 0.00 N | -60.00 -0.32 0.00 N | 52.98 0.06 0.00 N | 83.75 -0.02 0.00 N | 117.74 -0.40 0.00 N | 119.36 -0.67 0.00 N | 112.83 -0.49 0.00 N | 95.39 0.04 0.00 N | 121.86 -0.05 0.00 N | 114.68 0.23 0.00 N | 89.00 0.09 0.00 N | 91.50 0.58 0.00 N | 113.41 0.70 0.00 N | 118.46 0.52 0.00 N |
| MID___RAQUETTE_HYD 23851 | 39.92 -0.05 0.00 N | 39.91 0.03 0.00 N | 56.03 0.09 0.00 N | 40.17 0.09 0.00 N | 49.31 0.15 0.00 N | 42.73 0.15 0.00 N | 83.78 -0.14 0.00 N | 45.62 -0.19 0.00 N | 50.38 -0.23 0.00 N | 80.19 0.33 0.00 N | 71.59 0.08 0.00 N | -59.50 0.17 0.00 N | 52.32 -0.61 0.00 N | 82.53 -1.24 0.00 N | 115.83 -2.31 0.00 N | 117.15 -2.88 0.00 N | 111.03 -2.29 0.00 N | 94.29 -1.06 0.00 N | 120.21 -1.69 0.00 N | 113.24 -1.21 0.00 N | 87.90 -1.01 0.00 N | 90.11 -0.80 0.00 N | 112.29 -0.42 0.00 N | 117.58 -0.36 0.00 N |
| MILLIKEN___1 23584 | 39.69 -2.30 -2.03 N | 39.79 -2.17 -2.08 N | 51.44 -4.51 0.00 N | 37.78 -2.30 0.00 N | 46.47 -3.23 -0.54 N | 39.48 -3.10 0.00 N | 78.50 -5.75 -0.32 N | 48.43 -3.12 -5.73 N | 51.64 -3.30 -4.34 N | 74.23 -5.60 0.03 N | 67.53 -3.98 0.00 N | -58.16 1.52 0.00 N | 53.66 -1.32 -2.05 N | 84.61 -1.95 -2.79 N | 113.15 -4.99 0.00 N | 114.78 -5.26 0.00 N | 108.66 -4.66 0.00 N | 90.90 -4.45 0.00 N | 115.47 -6.43 0.00 N | 108.38 -6.06 0.00 N | 84.06 -4.85 0.00 N | 86.20 -4.71 0.00 N | 105.28 -7.42 0.00 N | 109.61 -8.33 0.00 N |
| MILLIKEN___2 23585 | 39.69 -2.30 -2.03 N | 39.79 -2.17 -2.08 N | 51.44 -4.51 0.00 N | 37.78 -2.30 0.00 N | 46.47 -3.23 -0.54 N | 39.48 -3.10 0.00 N | 78.50 -5.75 -0.32 N | 48.43 -3.12 -5.73 N | 51.64 -3.30 -4.34 N | 74.23 -5.60 0.03 N | 67.53 -3.98 0.00 N | -58.16 1.52 0.00 N | 53.66 -1.32 -2.05 N | 84.61 -1.95 -2.79 N | 113.15 -4.99 0.00 N | 114.78 -5.26 0.00 N | 108.66 -4.66 0.00 N | 90.90 -4.45 0.00 N | 115.47 -6.43 0.00 N | 108.38 -6.06 0.00 N | 84.06 -4.85 0.00 N | 86.20 -4.71 0.00 N | 105.28 -7.42 0.00 N | 109.61 -8.33 0.00 N |

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| MILLIKEN___DIESEL 23629 | 39.69 -2.30 -2.03 N | 39.79 -2.17 -2.08 N | 51.44 -4.51 0.00 N | 37.78 -2.30 0.00 N | 46.47 -3.23 -0.54 N | 39.48 -3.10 0.00 N | 78.50 -5.75 -0.32 N | 48.43 -3.12 -5.73 N | 51.64 -3.30 -4.34 N | 74.23 -5.60 0.03 N | 67.53 -3.98 0.00 N | -58.16 1.52 0.00 N | 53.66 -1.32 -2.05 N | 84.61 -1.95 -2.79 N | 113.15 -4.99 0.00 N | 114.78 -5.26 0.00 N | 108.66 -4.66 0.00 N | 90.90 -4.45 0.00 N | 115.47 -6.43 0.00 N | 108.38 -6.06 0.00 N | 84.06 -4.85 0.00 N | 86.20 -4.71 0.00 N | 105.28 -7.42 0.00 N | 109.61 -8.33 0.00 N |
| MILLSEAT___LFGE 323607 | 37.95 -3.73 -1.72 N | 37.93 -3.71 -1.76 N | 50.54 -5.41 0.00 N | 36.27 -3.81 0.00 N | 44.94 -4.68 -0.46 N | 38.37 -4.21 0.00 N | 75.96 -8.24 -0.27 N | 46.28 -4.40 -4.86 N | 49.18 -5.11 -3.68 N | 68.88 -8.98 2.00 N | 64.40 -7.11 0.00 N | -55.05 4.63 0.00 N | 50.89 -3.77 -1.74 N | 80.23 -5.91 -2.37 N | 110.36 -7.78 0.00 N | 113.41 -6.62 0.00 N | 107.79 -5.53 0.00 N | 89.28 -6.07 0.00 N | 111.73 -10.18 0.00 N | 105.55 -8.90 0.00 N | 81.32 -7.59 0.00 N | 83.65 -7.26 0.00 N | 101.42 -11.28 0.00 N | 107.92 -10.03 0.00 N |
| MODEL_CITY_ENERGY 24167 | 37.23 -4.55 -1.82 N | 37.26 -4.48 -1.86 N | 49.49 -6.46 0.00 N | 35.56 -4.52 0.00 N | 44.12 -5.52 -0.48 N | 37.65 -4.93 0.00 N | 74.51 -9.69 -0.28 N | 45.69 -5.26 -5.13 N | 48.26 -6.23 -3.88 N | 66.87 -11.04 1.94 N | 62.52 -9.00 0.00 N | -53.48 6.20 0.00 N | 49.64 -5.12 -1.83 N | 78.16 -8.11 -2.50 N | 107.26 -10.88 0.00 N | 110.35 -9.68 0.00 N | 104.98 -8.34 0.00 N | 86.84 -8.51 0.00 N | 108.44 -13.46 0.00 N | 102.56 -11.89 0.00 N | 78.92 -9.99 0.00 N | 81.22 -9.69 0.00 N | 98.47 -14.23 0.00 N | 105.27 -12.67 0.00 N |
| MODERN_LFGE___ 323580 | 37.23 -4.55 -1.82 N | 37.26 -4.48 -1.86 N | 49.49 -6.46 0.00 N | 35.56 -4.52 0.00 N | 44.12 -5.52 -0.48 N | 37.65 -4.93 0.00 N | 74.51 -9.69 -0.28 N | 45.69 -5.26 -5.13 N | 48.26 -6.23 -3.88 N | 66.87 -11.04 1.94 N | 62.52 -9.00 0.00 N | -53.48 6.20 0.00 N | 49.64 -5.12 -1.83 N | 78.16 -8.11 -2.50 N | 107.26 -10.88 0.00 N | 110.35 -9.68 0.00 N | 104.98 -8.34 0.00 N | 86.84 -8.51 0.00 N | 108.44 -13.46 0.00 N | 102.56 -11.89 0.00 N | 78.92 -9.99 0.00 N | 81.22 -9.69 0.00 N | 98.47 -14.23 0.00 N | 105.27 -12.67 0.00 N |
| MOHAWK_PAPER___DRP 24187 | 59.02 2.38 -16.68 N | 59.27 2.30 -17.08 N | 59.18 3.23 0.00 N | 42.36 2.29 0.00 N | 56.36 2.78 -4.42 N | 44.98 2.39 0.00 N | 91.37 4.85 -2.60 N | 95.59 2.73 -47.04 N | 89.20 2.97 -35.62 N | 84.38 4.55 0.02 N | 76.26 4.22 -0.53 N | -56.76 -3.72 -6.63 N | 75.52 3.55 -19.04 N | 113.28 5.73 -23.78 N | 125.87 7.73 0.00 N | 127.33 7.29 0.00 N | 119.71 6.38 0.00 N | 100.66 5.31 0.00 N | 129.70 7.80 0.00 N | 121.76 7.31 0.00 N | 94.61 5.70 0.00 N | 96.50 5.58 0.00 N | 119.24 6.54 0.00 N | 124.67 6.73 0.00 N |
| MONGAUP___HYD 23641 | 54.28 2.51 -11.81 N | 54.26 2.28 -12.10 N | 58.95 3.01 0.00 N | 42.07 2.00 0.00 N | 54.63 2.34 -3.13 N | 44.55 1.97 0.00 N | 89.58 3.81 -1.85 N | 81.65 2.44 -33.40 N | 78.80 2.91 -25.29 N | 84.86 5.03 0.03 N | 90.95 4.77 -14.66 N | 119.36 -4.08 -183.11 N | 129.07 3.73 -72.41 N | 134.68 6.18 -44.73 N | 139.40 8.78 -12.48 N | 139.72 8.91 -10.78 N | 139.03 8.22 -17.49 N | 131.14 6.65 -29.14 N | 137.91 8.84 -7.16 N | 133.74 8.10 -11.20 N | 131.33 6.32 -36.10 N | 134.14 6.37 -36.86 N | 130.09 7.46 -9.91 N | 125.29 7.34 0.00 N |
| MONTAUK___DIESEL 23721 | 140.99 8.40 -92.62 N | 61.22 7.78 -13.56 N | 66.04 10.19 0.09 N | 46.90 6.83 0.00 N | 60.59 8.01 -3.41 N | 49.48 6.90 0.00 N | 99.46 13.52 -2.01 N | 90.70 8.43 -36.45 N | 87.74 8.31 -28.82 N | 103.07 14.90 -8.31 N | 140.73 13.60 -55.61 N | 148.09 -11.26 -219.03 N | 147.99 9.08 -85.99 N | 150.90 15.32 -51.80 N | 154.43 21.36 -14.93 N | 154.20 21.27 -12.89 N | 154.30 19.29 -21.69 N | 146.22 16.01 -34.85 N | 151.50 21.03 -8.57 N | 147.92 20.15 -13.33 N | 147.26 15.03 -43.32 N | 149.94 14.93 -44.10 N | 144.55 19.61 -12.23 N | 138.16 20.22 0.00 N |
| MUNSVILLE_WIND_PWR 323609 | 44.12 0.48 -3.67 N | 44.29 0.65 -3.76 N | 55.92 -0.02 0.00 N | 40.72 0.64 0.00 N | 50.99 0.85 -0.97 N | 42.71 0.13 0.00 N | 85.33 0.83 -0.57 N | 57.05 0.86 -10.38 N | 60.03 1.57 -7.86 N | 82.50 2.74 0.10 N | 75.28 3.21 -0.55 N | -56.78 -3.97 -6.87 N | 62.00 3.09 -5.98 N | 95.17 5.28 -6.12 N | 125.34 6.74 -0.47 N | 127.67 7.23 -0.40 N | 120.89 6.92 -0.65 N | 101.46 5.02 -1.09 N | 128.20 6.03 -0.27 N | 120.84 5.98 -0.42 N | 94.91 4.64 -1.35 N | 97.12 4.82 -1.38 N | 117.26 4.19 -0.37 N | 121.59 3.65 0.00 N |
| N_SALMON___HYD 24042 | 39.78 -0.19 0.00 N | 39.72 -0.16 0.00 N | 55.69 -0.26 0.00 N | 39.84 -0.23 0.00 N | 48.88 -0.28 0.00 N | 42.41 -0.17 0.00 N | 83.50 -0.42 0.00 N | 45.51 -0.30 0.00 N | 50.42 -0.19 0.00 N | 79.77 -0.08 0.00 N | 71.51 -0.01 0.00 N | -59.33 0.35 0.00 N | 52.39 -0.53 0.00 N | 82.64 -1.13 0.00 N | 116.42 -1.72 0.00 N | 117.96 -2.07 0.00 N | 111.73 -1.59 0.00 N | 94.39 -0.96 0.00 N | 120.70 -1.20 0.00 N | 113.34 -1.11 0.00 N | 88.00 -0.91 0.00 N | 89.97 -0.94 0.00 N | 112.20 -0.50 0.00 N | 117.64 -0.30 0.00 N |
| N.E_GEN_SANDY PD 24062 | 57.60 2.32 -15.32 N | 57.78 2.22 -15.69 N | 59.09 3.15 0.00 N | 42.30 2.22 0.00 N | 55.85 2.63 -4.06 N | 44.85 2.27 0.00 N | 90.98 4.67 -2.39 N | 91.85 2.77 -43.25 N | 60.00 3.62 6.07 N | 67.77 4.00 6.03 N | 98.00 3.08 -44.41 N | 15.18 -3.57 -78.43 N | 97.72 3.42 -41.38 N | 122.57 5.53 -33.27 N | 131.19 7.73 -5.32 N | 131.67 7.04 -4.59 N | 126.68 5.90 -7.45 N | 112.79 5.03 -12.41 N | 132.68 7.72 -3.05 N | 126.40 7.18 -4.77 N | 109.92 5.63 -15.38 N | 112.04 5.42 -15.70 N | 123.55 6.62 -4.22 N | 124.88 6.94 0.00 N |
| NARROWS_GT1_1 24228 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NARROWS_GT1_2 24229 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NARROWS_GT1_3 24230 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NARROWS_GT1_4 24231 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 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 |
| NARROWS_GT1_5 24232 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NARROWS_GT1_6 24233 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NARROWS_GT1_7 24234 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NARROWS_GT1_8 24235 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NARROWS_GT2_1 24236 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NARROWS_GT2_2 24237 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NARROWS_GT2_3 24238 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NARROWS_GT2_4 24239 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NARROWS_GT2_5 24240 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NARROWS_GT2_6 24241 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NARROWS_GT2_7 24242 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NARROWS_GT2_8 24243 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N |
| NEG CAPITAL___MECHNVIL 23645 | 59.07 2.59 -16.52 N | 59.33 2.53 -16.92 N | 59.55 3.61 0.00 N | 42.64 2.57 0.00 N | 56.62 3.08 -4.38 N | 45.25 2.66 0.00 N | 92.12 5.62 -2.58 N | 95.64 3.22 -46.60 N | 89.45 3.55 -35.29 N | 85.13 5.30 0.02 N | 77.44 4.87 -1.05 N | -50.86 -4.26 -13.08 N | 78.01 4.07 -21.01 N | 115.03 6.54 -24.72 N | 127.92 9.02 -0.76 N | 129.14 8.45 -0.66 N | 121.76 7.38 -1.06 N | 103.59 6.47 -1.77 N | 131.85 9.51 -0.43 N | 124.03 8.90 -0.68 N | 98.04 6.94 -2.19 N | 99.91 6.75 -2.24 N | 121.24 7.92 -0.60 N | 125.96 8.02 0.00 N |
| NEG CENTRAL_HIGH_ACRES | 38.27 | 38.22 | 51.38 | 36.88 | 45.58 | 39.07 | 77.22 | 46.12 | 49.54 | 73.15 | 65.95 | -55.71 | 51.18 | 80.74 | 111.42 | 113.88 | 107.91 | 90.04 | 113.86 | 107.12 | 82.81 | 84.99 | 103.91 | 109.35 |

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| 23767 | -3.10 -1.40 N | -3.10 -1.44 N | -4.56 0.00 N | -3.19 0.00 N | -3.95 -0.37 N | -3.51 0.00 N | -6.92 -0.22 N | -3.66 -3.96 N | -4.07 -3.00 N | -6.87 -0.15 N | -5.57 0.00 N | 3.97 0.00 N | -3.16 -1.42 N | -4.96 -1.93 N | -6.72 0.00 N | -6.16 0.00 N | -5.41 0.00 N | -5.31 0.00 N | -8.04 0.00 N | -7.33 0.00 N | -6.10 0.00 N | -5.92 0.00 N | -8.80 0.00 N | -8.59 0.00 N |
| NEG CENTRAL____DRP 24199 | 39.89 -1.60 -1.52 N | 39.90 -1.54 -1.56 N | 53.38 -2.57 0.00 N | 38.43 -1.65 0.00 N | 47.41 -2.15 -0.40 N | 40.64 -1.94 0.00 N | 80.50 -3.66 -0.24 N | 48.26 -1.85 -4.30 N | 51.89 -1.96 -3.25 N | 76.35 -3.55 -0.05 N | 68.86 -2.66 0.00 N | -58.24 1.44 0.00 N | 53.49 -0.97 -1.54 N | 84.34 -1.52 -2.09 N | 115.92 -2.22 0.00 N | 118.58 -1.46 0.00 N | 112.29 -1.04 0.00 N | 93.65 -1.71 0.00 N | 118.45 -3.45 0.00 N | 111.23 -3.22 0.00 N | 86.17 -2.74 0.00 N | 88.27 -2.64 0.00 N | 108.18 -4.53 0.00 N | 113.44 -4.50 0.00 N |
| NEG CENTRAL____INDECK 23768 | 39.97 -2.00 -2.01 N | 39.82 -2.12 -2.06 N | 52.68 -3.26 0.00 N | 37.77 -2.31 0.00 N | 46.81 -2.89 -0.53 N | 39.89 -2.69 0.00 N | 79.26 -4.98 -0.31 N | 49.11 -2.38 -5.68 N | 52.31 -2.60 -4.30 N | 75.52 -4.44 -0.10 N | 68.37 -3.15 0.00 N | -58.35 1.33 0.00 N | 53.95 -1.01 -2.03 N | 85.31 -1.23 -2.77 N | 116.67 -1.47 0.00 N | 119.73 -0.31 0.00 N | 113.43 0.11 0.00 N | 94.09 -1.26 0.00 N | 118.71 -3.19 0.00 N | 111.77 -2.68 0.00 N | 86.40 -2.51 0.00 N | 88.57 -2.34 0.00 N | 107.78 -4.92 0.00 N | 113.65 -4.29 0.00 N |
| NEG CENTRAL____SENECA 23627 | 39.74 -1.92 -1.69 N | 39.78 -1.83 -1.73 N | 52.88 -3.07 0.00 N | 38.11 -1.96 0.00 N | 47.03 -2.58 -0.45 N | 40.27 -2.31 0.00 N | 79.85 -4.34 -0.26 N | 48.37 -2.21 -4.76 N | 51.85 -2.37 -3.60 N | 75.49 -4.42 -0.06 N | 68.20 -3.32 0.00 N | -57.89 1.79 0.00 N | 53.47 -1.16 -1.70 N | 84.26 -1.83 -2.32 N | 115.48 -2.66 0.00 N | 118.21 -1.82 0.00 N | 111.84 -1.48 0.00 N | 93.11 -2.24 0.00 N | 117.88 -4.03 0.00 N | 110.74 -3.71 0.00 N | 85.72 -3.19 0.00 N | 87.77 -3.14 0.00 N | 107.34 -5.36 0.00 N | 112.72 -5.22 0.00 N |
| NEG CENTRAL____STATE_STREET 24147 | 40.32 -1.14 -1.50 N | 40.29 -1.12 -1.54 N | 53.69 -2.25 0.00 N | 38.83 -1.25 0.00 N | 47.81 -1.75 -0.40 N | 40.94 -1.64 0.00 N | 81.20 -2.96 -0.23 N | 48.52 -1.53 -4.24 N | 52.29 -1.52 -3.21 N | 77.28 -2.61 -0.04 N | 69.88 -1.64 0.00 N | -59.35 0.33 0.00 N | 54.29 -0.15 -1.52 N | 85.84 0.00 -2.06 N | 117.47 -0.67 0.00 N | 119.65 -0.38 0.00 N | 113.46 0.14 0.00 N | 94.97 -0.38 0.00 N | 120.62 -1.29 0.00 N | 113.10 -1.35 0.00 N | 87.50 -1.41 0.00 N | 89.77 -1.15 0.00 N | 109.85 -2.86 0.00 N | 114.55 -3.39 0.00 N |
| NEG MILLWOOD____DRP 24198 | 56.45 3.32 -13.17 N | 56.37 3.01 -13.48 N | 59.93 3.98 0.00 N | 42.71 2.63 0.00 N | 55.68 3.04 -3.49 N | 45.12 2.53 0.00 N | 90.85 4.87 -2.06 N | 86.19 3.12 -37.25 N | 82.59 3.78 -28.20 N | 86.39 6.56 0.03 N | 94.08 6.20 -16.36 N | 139.39 -5.28 -204.35 N | 138.55 4.83 -80.79 N | 141.60 7.93 -49.90 N | 143.19 11.13 -13.92 N | 143.14 11.08 -12.02 N | 143.08 10.25 -19.51 N | 136.27 8.42 -32.50 N | 141.08 11.19 -7.99 N | 137.23 10.28 -12.50 N | 137.27 8.08 -40.27 N | 140.18 8.15 -41.12 N | 133.33 9.57 -11.06 N | 127.30 9.36 0.00 N |
| NEG NORTH_FLCN_SEA 23793 | 38.77 -1.19 0.00 N | 38.71 -1.17 0.00 N | 54.25 -1.70 0.00 N | 38.73 -1.35 0.00 N | 47.50 -1.66 0.00 N | 41.22 -1.36 0.00 N | 81.29 -2.63 0.00 N | 44.28 -1.54 0.00 N | 49.03 -1.58 0.00 N | 77.22 -2.63 0.00 N | 69.28 -2.24 0.00 N | -57.28 2.40 0.00 N | 50.89 -2.04 0.00 N | 80.28 -3.49 0.00 N | 113.09 -5.05 0.00 N | 114.61 -5.43 0.00 N | 108.27 -5.05 0.00 N | 91.48 -3.87 0.00 N | 117.41 -4.49 0.00 N | 110.12 -4.32 0.00 N | 85.54 -3.37 0.00 N | 87.18 -3.73 0.00 N | 108.80 -3.91 0.00 N | 114.34 -3.60 0.00 N |
| NEG NORTH_KES_CHATEGAY 23792 | 39.22 -0.75 0.00 N | 39.19 -0.70 0.00 N | 54.97 -0.98 0.00 N | 39.30 -0.77 0.00 N | 48.24 -0.93 0.00 N | 41.85 -0.73 0.00 N | 82.47 -1.45 0.00 N | 44.89 -0.93 0.00 N | 49.69 -0.92 0.00 N | 78.33 -1.53 0.00 N | 70.11 -1.40 0.00 N | -58.04 1.64 0.00 N | 51.35 -1.58 0.00 N | 81.00 -2.78 0.00 N | 114.22 -3.92 0.00 N | 115.88 -4.15 0.00 N | 109.69 -3.63 0.00 N | 92.64 -2.71 0.00 N | 118.49 -3.42 0.00 N | 111.16 -3.28 0.00 N | 86.33 -2.58 0.00 N | 88.19 -2.73 0.00 N | 110.14 -2.57 0.00 N | 115.54 -2.40 0.00 N |
| NEG NORTH____ALICE_FALLS 23915 | 39.15 -0.82 0.00 N | 39.09 -0.79 0.00 N | 54.78 -1.17 0.00 N | 39.11 -0.97 0.00 N | 47.95 -1.21 0.00 N | 41.61 -0.97 0.00 N | 82.07 -1.86 0.00 N | 44.70 -1.11 0.00 N | 49.53 -1.07 0.00 N | 78.09 -1.77 0.00 N | 70.07 -1.45 0.00 N | -58.01 1.66 0.00 N | 51.46 -1.46 0.00 N | 81.20 -2.57 0.00 N | 114.44 -3.70 0.00 N | 115.99 -4.05 0.00 N | 109.62 -3.70 0.00 N | 92.62 -2.73 0.00 N | 118.82 -3.08 0.00 N | 111.42 -3.03 0.00 N | 86.54 -2.37 0.00 N | 88.27 -2.64 0.00 N | 110.14 -2.57 0.00 N | 115.63 -2.31 0.00 N |
| NEG NORTH____LWR_SARANAC 23913 | 39.15 -0.82 0.00 N | 39.09 -0.79 0.00 N | 54.78 -1.17 0.00 N | 39.11 -0.97 0.00 N | 47.95 -1.21 0.00 N | 41.61 -0.97 0.00 N | 82.07 -1.86 0.00 N | 44.70 -1.11 0.00 N | 49.53 -1.07 0.00 N | 78.09 -1.77 0.00 N | 70.07 -1.45 0.00 N | -58.01 1.66 0.00 N | 51.46 -1.46 0.00 N | 81.20 -2.57 0.00 N | 114.44 -3.70 0.00 N | 115.99 -4.05 0.00 N | 109.62 -3.70 0.00 N | 92.62 -2.73 0.00 N | 118.82 -3.08 0.00 N | 111.42 -3.03 0.00 N | 86.54 -2.37 0.00 N | 88.27 -2.64 0.00 N | 110.14 -2.57 0.00 N | 115.63 -2.31 0.00 N |
| NEG NORTH____PLATTSBURG 23628 | 39.15 -0.82 0.00 N | 39.09 -0.79 0.00 N | 54.78 -1.17 0.00 N | 39.11 -0.97 0.00 N | 47.95 -1.21 0.00 N | 41.61 -0.97 0.00 N | 82.07 -1.86 0.00 N | 44.70 -1.11 0.00 N | 49.53 -1.07 0.00 N | 78.09 -1.77 0.00 N | 70.07 -1.45 0.00 N | -58.01 1.66 0.00 N | 51.46 -1.46 0.00 N | 81.20 -2.57 0.00 N | 114.44 -3.70 0.00 N | 115.99 -4.05 0.00 N | 109.62 -3.70 0.00 N | 92.62 -2.73 0.00 N | 118.82 -3.08 0.00 N | 111.42 -3.03 0.00 N | 86.54 -2.37 0.00 N | 88.27 -2.64 0.00 N | 110.14 -2.57 0.00 N | 115.63 -2.31 0.00 N |
| NEG WEST_LEA_LOCKPORT 23791 | 37.30 -4.46 -1.79 N | 37.32 -4.39 -1.83 N | 49.61 -6.34 0.00 N | 35.63 -4.45 0.00 N | 44.21 -5.43 -0.47 N | 37.72 -4.86 0.00 N | 74.67 -9.53 -0.28 N | 45.71 -5.16 -5.06 N | 48.33 -6.10 -3.83 N | 67.08 -10.81 1.97 N | 62.73 -8.78 0.00 N | -53.75 5.93 0.00 N | 49.78 -4.96 -1.81 N | 78.44 -7.80 -2.47 N | 107.70 -10.44 0.00 N | 110.79 -9.24 0.00 N | 105.41 -7.91 0.00 N | 87.15 -8.20 0.00 N | 108.85 -13.05 0.00 N | 102.91 -11.53 0.00 N | 79.23 -9.67 0.00 N | 81.53 -9.38 0.00 N | 98.84 -13.87 0.00 N | 105.60 -12.34 0.00 N |
| NEG WEST____LANCASTER 23811 | 38.01 -4.17 -2.21 N | 37.98 -4.17 -2.26 N | 49.95 -5.99 0.00 N | 35.76 -4.32 0.00 N | 44.42 -5.33 -0.58 N | 37.74 -4.84 0.00 N | 75.25 -9.02 -0.34 N | 47.20 -4.86 -6.25 N | 49.74 -5.60 -4.73 N | 68.78 -9.46 1.63 N | 63.81 -7.71 0.00 N | -54.84 4.83 0.00 N | 50.93 -4.23 -2.23 N | 80.86 -5.96 -3.04 N | 110.33 -7.81 0.00 N | 113.82 -6.21 0.00 N | 107.89 -5.44 0.00 N | 88.85 -6.50 0.00 N | 111.82 -10.08 0.00 N | 105.35 -9.09 0.00 N | 81.23 -7.68 0.00 N | 83.05 -7.87 0.00 N | 101.14 -11.57 0.00 N | 107.30 -10.65 0.00 N |
| NEG_PENN_ALLEGHNY 23528 | 43.67 -0.49 -4.19 N | 43.64 -0.54 -4.29 N | 55.06 -0.88 0.00 N | 39.41 -0.66 0.00 N | 49.45 -0.82 -1.11 N | 41.77 -0.81 0.00 N | 83.23 -1.35 -0.65 N | 57.00 -0.66 -11.84 N | 58.91 -0.66 -8.96 N | 78.74 -0.94 0.18 N | 71.63 -0.48 -0.60 N | -52.46 -0.26 -7.47 N | 59.89 0.26 -6.70 N | 91.61 0.91 -6.93 N | 120.12 1.47 -0.51 N | 122.58 2.11 -0.44 N | 115.97 1.93 -0.71 N | 97.32 0.79 -1.19 N | 122.91 0.71 -0.29 N | 115.57 0.67 -0.46 N | 90.76 0.38 -1.47 N | 92.62 0.21 -1.50 N | 112.56 -0.55 -0.40 N | 117.47 -0.47 0.00 N |

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|----------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|
| NEG__GEN_MONROE 24207 | 38.75 -2.73 -1.52 N | 38.68 -2.75 -1.55 N | 51.86 -4.09 0.00 N | 37.20 -2.88 0.00 N | 46.01 -3.55 -0.40 N | 39.38 -3.20 0.00 N | 77.88 -6.28 -0.24 N | 46.82 -3.27 -4.28 N | 50.20 -3.65 -3.24 N | 71.45 -6.29 2.12 N | 66.63 -4.89 0.00 N | -56.63 3.05 0.00 N | 52.07 -2.39 -1.53 N | 82.20 -3.65 -2.08 N | 113.41 -4.73 0.00 N | 116.20 -3.83 0.00 N | 110.26 -3.06 0.00 N | 91.73 -3.62 0.00 N | 115.50 -6.40 0.00 N | 108.77 -5.67 0.00 N | 83.99 -4.92 0.00 N | 86.31 -4.60 0.00 N | 105.05 -7.66 0.00 N | 110.89 -7.05 0.00 N |
| NEPA__ENERGY 23901 | 37.98 -4.46 -2.47 N | 37.90 -4.51 -2.53 N | 49.53 -6.42 0.00 N | 35.40 -4.68 0.00 N | 44.00 -5.81 -0.65 N | 37.26 -5.33 0.00 N | 74.77 -9.54 -0.39 N | 47.67 -5.11 -6.97 N | 50.10 -5.79 -5.28 N | 69.24 -9.25 1.37 N | 63.85 -7.67 0.00 N | -55.09 4.58 0.00 N | 51.20 -4.22 -2.49 N | 81.95 -5.22 -3.40 N | 111.32 -6.82 0.00 N | 115.18 -4.85 0.00 N | 108.68 -4.64 0.00 N | 89.09 -6.26 0.00 N | 112.78 -9.13 0.00 N | 105.98 0.00 0.00 N | 81.84 -7.07 0.00 N | 83.02 -7.89 0.00 N | 101.50 -11.21 0.00 N | 107.10 -10.85 0.00 N |
| NEVERSINK__HYD 23608 | 53.04 1.96 -11.11 N | 53.05 1.79 -11.38 N | 58.31 2.37 0.00 N | 41.68 1.60 0.00 N | 54.00 1.90 -2.94 N | 44.18 1.60 0.00 N | 88.81 3.14 -1.74 N | 79.39 2.09 -31.48 N | 76.99 2.55 -23.84 N | 84.23 4.41 0.03 N | 87.29 4.14 -11.64 N | 82.13 -3.58 -145.38 N | 115.29 3.12 -59.24 N | 126.88 5.21 -37.90 N | 135.44 7.39 -9.90 N | 136.03 7.44 -8.56 N | 133.96 6.76 -13.88 N | 123.73 5.25 -23.13 N | 134.59 6.99 -5.69 N | 129.90 6.57 -8.89 N | 122.83 5.26 -28.66 N | 125.61 5.43 -29.26 N | 126.62 6.05 -7.87 N | 123.72 5.78 0.00 N |
| NEWTON__FALLS_HYD 23847 | 40.08 0.11 0.00 N | 39.97 0.09 0.00 N | 56.03 0.08 0.00 N | 40.15 0.07 0.00 N | 49.29 0.12 0.00 N | 42.68 0.10 0.00 N | 83.72 -0.21 0.00 N | 45.66 -0.16 0.00 N | 50.50 -0.10 0.00 N | 80.32 0.46 0.00 N | 71.94 0.42 0.00 N | -60.00 -0.32 0.00 N | 52.98 0.06 0.00 N | 83.75 -0.02 0.00 N | 117.74 -0.40 0.00 N | 119.36 -0.67 0.00 N | 112.83 -0.49 0.00 N | 95.39 0.04 0.00 N | 121.86 -0.05 0.00 N | 114.68 0.23 0.00 N | 89.00 0.09 0.00 N | 91.50 0.58 0.00 N | 113.41 0.70 0.00 N | 118.46 0.52 0.00 N |
| NIAGARA____ 23760 | 36.83 -4.93 -1.79 N | 36.90 -4.81 -1.83 N | 49.03 -6.92 0.00 N | 35.23 -4.84 0.00 N | 43.72 -5.91 -0.47 N | 37.32 -5.26 0.00 N | 73.84 -10.36 -0.28 N | 45.20 -5.66 -5.05 N | 47.71 -6.72 -3.82 N | 66.01 -11.90 1.96 N | 61.71 -9.80 0.00 N | -52.76 6.92 0.00 N | 48.96 -5.77 -1.81 N | 77.03 -9.20 -2.46 N | 105.72 -12.42 0.00 N | 108.67 -11.36 0.00 N | 103.43 -9.89 0.00 N | 85.56 -9.80 0.00 N | 106.81 -15.09 0.00 N | 101.04 -13.40 0.00 N | 77.74 -11.17 0.00 N | 80.02 -10.89 0.00 N | 97.08 -15.62 0.00 N | 103.92 -14.02 0.00 N |
| NINE_MILE_1 23575 | 39.35 -1.41 -0.79 N | 39.27 -1.42 -0.81 N | 53.89 -2.06 0.00 N | 38.62 -1.46 0.00 N | 47.57 -1.80 -0.21 N | 40.99 -1.59 0.00 N | 80.94 -3.11 -0.12 N | 46.40 -1.64 -2.22 N | 50.51 -1.78 -1.68 N | 76.96 -2.90 0.00 N | 69.12 -2.40 0.00 N | -57.93 1.75 0.00 N | 52.23 -1.49 -0.79 N | 82.55 -2.30 -1.08 N | 114.99 -3.15 0.00 N | 116.98 -3.06 0.00 N | 110.51 -2.82 0.00 N | 92.76 -2.59 0.00 N | 118.27 -3.63 0.00 N | 111.09 -3.35 0.00 N | 86.21 -2.70 0.00 N | 88.23 -2.68 0.00 N | 108.91 -3.80 0.00 N | 114.07 -3.87 0.00 N |
| NINE_MILE_2 23744 | 39.36 -1.39 -0.78 N | 39.27 -1.41 -0.80 N | 53.90 -2.05 0.00 N | 38.62 -1.45 0.00 N | 47.58 -1.79 -0.21 N | 41.01 -1.57 0.00 N | 80.95 -3.10 -0.12 N | 46.38 -1.64 -2.21 N | 50.50 -1.77 -1.67 N | 77.00 -2.86 0.00 N | 69.12 -2.39 0.00 N | -57.92 1.76 0.00 N | 52.23 -1.48 -0.79 N | 82.56 -2.28 -1.08 N | 115.01 -3.13 0.00 N | 116.98 -3.06 0.00 N | 110.52 -2.81 0.00 N | 92.76 -2.59 0.00 N | 118.31 -3.60 0.00 N | 111.14 -3.30 0.00 N | 86.22 -2.69 0.00 N | 88.23 -2.68 0.00 N | 108.91 -3.80 0.00 N | 114.07 -3.87 0.00 N |
| NM_CAPITAL__DRP 24208 | 58.79 2.29 -16.53 N | 59.05 2.24 -16.93 N | 59.11 3.16 0.00 N | 42.30 2.22 0.00 N | 56.25 2.71 -4.38 N | 44.92 2.34 0.00 N | 91.22 4.72 -2.58 N | 95.08 2.63 -46.64 N | 88.73 2.81 -35.31 N | 84.10 4.27 0.02 N | 76.05 3.97 -0.56 N | -56.23 -3.54 -6.98 N | 75.31 3.38 -19.01 N | 112.82 5.42 -23.63 N | 125.32 7.17 0.00 N | 126.76 6.73 0.00 N | 119.18 5.85 0.00 N | 100.22 4.87 0.00 N | 129.11 7.21 0.00 N | 121.17 6.73 0.00 N | 94.16 5.25 0.00 N | 96.05 5.14 0.00 N | 118.75 6.04 0.00 N | 124.20 6.26 0.00 N |
| NM_CENTRAL__DRP 24181 | 40.18 -0.78 -1.00 N | 40.08 -0.83 -1.02 N | 54.64 -1.30 0.00 N | 39.17 -0.90 0.00 N | 48.32 -1.11 -0.26 N | 41.56 -1.02 0.00 N | 82.13 -1.95 -0.16 N | 47.64 -0.98 -2.81 N | 51.74 -0.99 -2.13 N | 78.29 -1.57 0.00 N | 70.40 -1.12 0.00 N | -59.09 0.59 0.00 N | 53.56 -0.37 -1.01 N | 84.73 -0.41 -1.37 N | 117.67 -0.48 0.00 N | 119.77 -0.27 0.00 N | 113.16 -0.16 0.00 N | 94.83 -0.52 0.00 N | 120.85 -1.05 0.00 N | 113.49 -0.95 0.00 N | 88.06 -0.85 0.00 N | 90.11 -0.80 0.00 N | 111.01 -1.70 0.00 N | 116.20 -1.74 0.00 N |
| NM_FRONTIER__DRP 24179 | 36.92 -4.86 -1.82 N | 37.00 -4.74 -1.86 N | 49.14 -6.81 0.00 N | 35.31 -4.76 0.00 N | 43.83 -5.81 -0.48 N | 37.40 -5.18 0.00 N | 74.00 -10.21 -0.28 N | 45.38 -5.57 -5.13 N | 47.87 -6.62 -3.89 N | 66.14 -11.78 1.94 N | 61.82 -9.70 0.00 N | -52.87 6.80 0.00 N | 49.10 -5.66 -1.84 N | 77.22 -9.05 -2.50 N | 105.95 -12.19 0.00 N | 108.95 -11.08 0.00 N | 103.69 -9.64 0.00 N | 85.77 -9.58 0.00 N | 107.01 -14.89 0.00 N | 101.24 -13.21 0.00 N | 77.90 -11.01 0.00 N | 80.20 -10.71 0.00 N | 97.23 -15.47 0.00 N | 104.16 -13.78 0.00 N |
| NM_ST_REGIS__HYD 24053 | 39.88 -0.09 0.00 N | 39.86 -0.02 0.00 N | 55.96 0.01 0.00 N | 40.08 0.01 0.00 N | 49.22 0.05 0.00 N | 42.65 0.07 0.00 N | 83.73 -0.20 0.00 N | 45.62 -0.20 0.00 N | 50.39 -0.22 0.00 N | 80.11 0.25 0.00 N | 71.56 0.04 0.00 N | -59.42 0.26 0.00 N | 52.29 -0.63 0.00 N | 82.48 -1.29 0.00 N | 115.86 -2.28 0.00 N | 117.24 -2.79 0.00 N | 111.13 -2.20 0.00 N | 94.28 -1.07 0.00 N | 120.23 -1.67 0.00 N | 113.19 -1.25 0.00 N | 87.88 -1.03 0.00 N | 90.01 -0.90 0.00 N | 112.21 -0.49 0.00 N | 117.56 -0.38 0.00 N |
| NORTHPORT__1 23551 | 136.83 4.32 -92.54 N | 57.09 3.92 -13.29 N | 60.99 5.14 0.10 N | 43.42 3.34 0.00 N | 56.34 3.76 -3.41 N | 45.87 3.29 0.00 N | 92.07 6.13 -2.01 N | 86.34 4.07 -36.45 N | 83.98 4.57 -28.81 N | 95.87 7.99 -8.02 N | 134.23 7.13 -55.59 N | 153.80 -5.54 -219.03 N | 142.66 3.74 -85.99 N | 142.46 6.88 -51.80 N | 142.90 9.84 -14.93 N | 142.67 9.75 -12.89 N | 143.65 8.64 -21.69 N | 137.60 7.40 -34.85 N | 140.70 10.23 -8.57 N | 137.62 9.85 -13.32 N | 139.68 7.45 -43.32 N | 142.43 7.42 -44.10 N | 134.82 9.88 -12.23 N | 127.99 10.05 0.00 N |
| NORTHPORT__2 23552 | 136.83 4.32 -92.54 N | 57.09 3.92 -13.29 N | 60.99 5.14 0.10 N | 43.42 3.34 0.00 N | 56.34 3.76 -3.41 N | 45.87 3.29 0.00 N | 92.07 6.13 -2.01 N | 86.34 4.07 -36.45 N | 83.98 4.57 -28.81 N | 95.87 7.99 -8.02 N | 134.23 7.13 -55.59 N | 153.80 -5.54 -219.03 N | 142.66 3.74 -85.99 N | 142.46 6.88 -51.80 N | 142.90 9.84 -14.93 N | 142.67 9.75 -12.89 N | 143.65 8.64 -21.69 N | 137.60 7.40 -34.85 N | 140.70 10.23 -8.57 N | 137.62 9.85 -13.32 N | 139.68 7.45 -43.32 N | 142.43 7.42 -44.10 N | 134.82 9.88 -12.23 N | 127.99 10.05 0.00 N |
| NORTHPORT__3 23553 | 136.46 4.10 -92.39 N | 56.41 3.76 -12.77 N | 60.76 4.93 0.11 N | 43.26 3.19 0.00 N | 56.17 3.60 -3.41 N | 45.71 3.12 0.00 N | 91.73 5.79 -2.01 N | 86.19 3.92 -36.45 N | 83.93 4.54 -28.78 N | 95.29 7.97 -7.47 N | 134.22 7.14 -55.56 N | 153.79 -5.56 -219.03 N | 142.74 3.83 -85.99 N | 142.67 7.09 -51.80 N | 143.12 10.05 -14.93 N | 142.87 9.94 -12.89 N | 143.96 8.95 -21.69 N | 137.99 7.79 -34.85 N | 141.20 10.73 -8.57 N | 137.94 10.18 -13.31 N | 140.00 7.78 -43.31 N | 142.66 7.65 -44.10 N | 135.02 10.08 -12.23 N | 128.16 10.21 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|---|
| NORTHPORT___4 23650 | 136.46 4.10 -92.39 N | 56.41 3.76 -12.77 N | 60.76 4.93 0.11 N | 43.26 3.19 0.00 N | 56.17 3.60 -3.41 N | 45.71 3.12 0.00 N | 91.73 5.79 -2.01 N | 86.19 3.92 -36.45 N | 83.93 4.54 -28.78 N | 95.29 7.97 -7.47 N | 134.22 7.14 -55.56 N | 153.79 -5.56 -219.03 N | 142.74 3.83 -85.99 N | 142.67 7.09 -51.80 N | 143.12 10.05 -14.93 N | 142.87 9.94 -12.89 N | 143.96 8.95 -21.69 N | 137.99 7.79 -34.85 N | 141.20 10.73 -8.57 N | 137.94 10.18 -13.31 N | 140.00 7.78 -43.31 N | 142.66 7.65 -44.10 N | 135.02 10.08 -12.23 N | 128.16 10.21 0.00 N | |
| NORTHPORT___IC 23718 | 136.83 4.32 -92.54 N | 57.09 3.92 -13.29 N | 60.99 5.14 0.10 N | 43.42 3.34 0.00 N | 56.34 3.76 -3.41 N | 45.87 3.29 0.00 N | 92.07 6.13 -2.01 N | 86.34 4.07 -36.45 N | 83.98 4.57 -28.81 N | 95.87 7.99 -8.02 N | 134.23 7.13 -55.59 N | 153.80 -5.54 -219.03 N | 142.66 3.74 -85.99 N | 142.46 6.88 -51.80 N | 142.90 9.84 -14.93 N | 142.67 9.75 -12.89 N | 143.65 8.64 -21.69 N | 137.60 7.40 -34.85 N | 140.70 10.23 -8.57 N | 137.62 9.85 -13.32 N | 139.68 7.45 -43.32 N | 142.43 7.42 -44.10 N | 134.82 9.88 -12.23 N | 127.99 10.05 0.00 N | |
| NPX_GEN_1385_PROXY 323591 | 136.88 4.38 -92.54 N | 57.15 3.98 -13.29 N | 61.07 5.22 0.10 N | 43.49 3.41 0.00 N | 56.42 3.84 -3.41 N | 45.95 3.36 0.00 N | 92.23 6.29 -2.01 N | 86.41 4.15 -36.45 N | 58.84 5.73 9.34 N | 95.38 6.77 -18.80 N | 121.57 5.00 -66.06 N | 153.67 -5.68 -219.03 N | 142.74 3.83 -85.99 N | 142.61 7.03 -51.80 N | 143.11 10.04 -14.93 N | 142.87 9.95 -12.89 N | 143.86 8.85 -21.69 N | 137.75 7.55 -34.85 N | 140.92 10.45 -8.57 N | 137.82 10.05 -13.32 N | 139.82 7.59 -43.32 N | 142.57 7.57 -44.10 N | 134.99 10.05 -12.23 N | 128.20 10.26 0.00 N | |
| NPX_GEN_CSC 323557 | 138.08 5.50 -92.61 N | 58.49 5.05 -13.56 N | 62.49 6.63 0.09 N | 44.43 4.35 0.00 N | 57.58 5.00 -3.41 N | 46.96 4.38 0.00 N | 94.31 8.37 -2.01 N | 87.65 5.39 -36.45 N | 60.01 6.90 9.34 N | 96.05 7.42 -18.82 N | 122.19 5.60 -66.07 N | 152.95 -6.40 -219.03 N | 143.44 4.53 -85.99 N | 143.54 7.96 -51.80 N | 144.34 11.27 -14.93 N | 144.08 11.15 -12.89 N | 144.94 9.93 -21.69 N | 138.69 8.49 -34.85 N | 141.99 11.52 -8.57 N | 138.76 10.98 -13.33 N | 140.37 8.14 -43.32 N | 143.17 8.16 -44.10 N | 136.06 11.12 -12.23 N | 129.04 11.10 0.00 N | |
| NSINS_S_GLNS_FALLS 23858 | 58.94 2.11 -16.87 N | 59.23 2.08 -17.27 N | 58.97 3.02 0.00 N | 42.24 2.17 0.00 N | 56.17 2.54 -4.47 N | 44.82 2.23 0.00 N | 91.47 4.92 -2.63 N | 96.31 2.89 -47.60 N | 89.84 3.19 -36.04 N | 84.12 4.29 0.02 N | 77.05 4.14 -1.39 N | -45.94 -3.65 -17.39 N | 78.95 3.24 -22.78 N | 114.72 5.06 -25.89 N | 126.04 6.78 -1.11 N | 126.49 5.49 -0.96 N | 119.46 4.58 -1.55 N | 102.94 4.99 -2.59 N | 130.59 8.05 -0.64 N | 123.39 7.95 -1.00 N | 98.31 6.19 -3.21 N | 100.17 5.97 -3.28 N | 120.63 7.05 -0.88 N | 124.82 6.88 0.00 N | |
| NUCOR_STEEL___DRP 24197 | 40.12 -1.34 -1.49 N | 40.13 -1.28 -1.53 N | 53.41 -2.54 0.00 N | 38.67 -1.40 0.00 N | 47.60 -1.95 -0.39 N | 40.74 -1.84 0.00 N | 80.82 -3.33 -0.23 N | 48.28 -1.75 -4.21 N | 52.00 -1.80 -3.19 N | 76.86 -3.04 -0.04 N | 69.51 -2.00 0.00 N | -59.15 0.53 0.00 N | 53.99 -0.45 -1.51 N | 85.33 -0.49 -2.05 N | 116.70 -1.44 0.00 N | 118.79 -1.24 0.00 N | 112.54 -0.79 0.00 N | 94.19 -1.16 0.00 N | 119.53 -2.38 0.00 N | 112.16 -2.29 0.00 N | 86.73 -2.18 0.00 N | 89.03 -1.88 0.00 N | 108.96 -3.75 0.00 N | 113.54 -4.40 0.00 N | |
| NYISO_LBMP_REFERENCE 24008 | 39.97 0.00 0.00 N | 39.88 0.00 0.00 N | 55.95 0.00 0.00 N | 40.08 0.00 0.00 N | 49.16 0.00 0.00 N | 42.58 0.00 0.00 N | 83.92 0.00 0.00 N | 45.82 0.00 0.00 N | 50.61 0.00 0.00 N | 79.86 0.00 0.00 N | 71.51 0.00 0.00 N | -59.68 0.00 0.00 N | 52.93 0.00 0.00 N | 83.77 0.00 0.00 N | 118.14 0.00 0.00 N | 120.03 0.00 0.00 N | 113.32 0.00 0.00 N | 95.35 0.00 0.00 N | 121.90 0.00 0.00 N | 114.45 0.00 0.00 N | 88.91 0.00 0.00 N | 90.91 0.00 0.00 N | 112.71 0.00 0.00 N | 117.94 0.00 0.00 N | |
| NYPA_BRENTWD____GT 24164 | 137.61 4.95 -92.70 N | 58.21 4.49 -13.84 N | 61.74 5.88 0.08 N | 43.94 3.86 0.00 N | 56.96 4.38 -3.41 N | 46.40 3.81 0.00 N | 93.14 7.20 -2.01 N | 86.97 4.70 -36.45 N | 84.74 5.30 -28.83 N | 97.69 9.23 -8.60 N | 135.53 8.39 -55.63 N | 152.72 -6.63 -219.03 N | 143.80 4.88 -85.99 N | 144.22 8.64 -51.80 N | 145.38 12.32 -14.93 N | 145.22 12.29 -12.89 N | 146.04 11.03 -21.69 N | 139.52 9.32 -34.85 N | 142.69 12.22 -8.57 N | 139.50 11.72 -13.33 N | 141.22 8.98 -43.33 N | 144.26 9.26 -44.10 N | 136.99 12.05 -12.23 N | 129.99 12.05 0.00 N | |
| NYPA_GOWANUS____GT5 24156 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N | |
| NYPA_GOWANUS____GT6 24157 | 56.58 3.72 -12.90 N | 56.50 3.42 -13.20 N | 60.46 4.51 0.00 N | 43.04 2.96 0.00 N | 56.03 3.45 -3.41 N | 45.46 2.88 0.00 N | 91.49 5.56 -2.01 N | 85.79 3.54 -36.44 N | 82.43 4.23 -27.59 N | 87.08 7.25 0.03 N | 95.88 6.83 -17.53 N | 153.86 -5.43 -218.97 N | 143.50 5.24 -85.34 N | 144.14 8.57 -51.79 N | 145.09 12.03 -14.92 N | 144.97 12.04 -12.89 N | 145.42 11.19 -20.91 N | 139.33 9.14 -34.84 N | 142.54 12.07 -8.57 N | 138.95 11.11 -13.40 N | 140.76 8.68 -43.17 N | 143.79 8.80 -44.08 N | 135.21 10.64 -11.86 N | 128.59 10.64 0.00 N | |
| NYPA_HARLEM__RVR__GT1 24160 | 56.53 3.67 -12.90 N | 56.42 3.33 -13.20 N | 60.35 4.41 0.00 N | 42.90 2.83 0.00 N | 55.82 3.25 -3.41 N | 45.30 2.72 0.00 N | 91.16 5.22 -2.01 N | 85.55 3.29 -36.44 N | 82.09 3.89 -27.59 N | 86.56 6.73 0.03 N | 95.36 6.32 -17.53 N | 154.66 -4.63 -218.97 N | 143.12 4.86 -85.34 N | 143.50 7.93 -51.79 N | 144.28 11.22 -14.92 N | 144.06 11.14 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.40 -34.84 N | 141.58 11.11 -8.57 N | 138.09 10.25 -13.40 N | 140.10 8.02 -43.17 N | 143.16 8.17 -44.08 N | 134.48 9.92 -11.86 N | 127.89 9.95 0.00 N | |
| NYPA_HARLEM__RVR__GT2 24161 | 56.53 3.67 -12.90 N | 56.42 3.33 -13.20 N | 60.35 4.41 0.00 N | 42.90 2.83 0.00 N | 55.82 3.25 -3.41 N | 45.30 2.72 0.00 N | 91.16 5.22 -2.01 N | 85.55 3.29 -36.44 N | 82.09 3.89 -27.59 N | 86.56 6.73 0.03 N | 95.36 6.32 -17.53 N | 154.66 -4.63 -218.97 N | 143.12 4.86 -85.34 N | 143.50 7.93 -51.79 N | 144.28 11.22 -14.92 N | 144.06 11.14 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.40 -34.84 N | 141.58 11.11 -8.57 N | 138.09 10.25 -13.40 N | 140.10 8.02 -43.17 N | 143.16 8.17 -44.08 N | 134.48 9.92 -11.86 N | 127.89 9.95 0.00 N | |
| NYPA_KENT____GT 24152 | 56.55 3.68 -12.90 N | 56.46 3.38 -13.20 N | 60.40 4.45 0.00 N | 43.00 2.93 0.00 N | 55.98 3.40 -3.41 N | 45.42 2.84 0.00 N | 91.41 5.47 -2.01 N | 85.76 3.50 -36.44 N | 82.38 4.18 -27.59 N | 87.00 7.18 0.03 N | 95.80 6.76 -17.53 N | 153.89 -5.39 -218.97 N | 143.40 5.13 -85.34 N | 143.99 8.42 -51.79 N | 144.88 11.82 -14.92 N | 144.73 11.81 -12.89 N | 145.09 10.86 -20.91 N | 139.06 8.87 -34.84 N | 142.24 11.77 -8.57 N | 138.64 10.80 -13.40 N | 140.52 8.44 -43.17 N | 143.58 8.58 -44.08 N | 134.91 10.34 -11.86 N | 128.40 10.46 0.00 N | |
| NYPA_POUCH1____GT | 56.49 | 56.42 | 60.35 | 42.99 | 55.96 | 45.40 | 91.35 | 85.71 | 82.33 | 86.93 | 95.67 | 154.11 | 143.33 | 143.85 | 144.73 | 144.59 | 145.13 | 139.07 | 142.24 | 138.64 | 140.52 | 143.53 | 134.94 | 128.32 | |

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| 24155 | 3.62 -12.90 N | 3.34 -13.20 N | 4.41 0.00 N | 2.91 0.00 N | 3.39 -3.41 N | 2.82 0.00 N | 5.41 -2.01 N | 3.45 -36.44 N | 4.13 -27.59 N | 7.10 0.03 N | 6.63 -17.53 N | -5.18 -218.97 N | 5.06 -85.34 N | 8.29 -51.79 N | 11.67 -14.92 N | 11.67 -12.89 N | 10.90 -20.91 N | 8.88 -34.84 N | 11.77 -8.57 N | 10.80 -13.40 N | 8.43 -43.17 N | 8.54 -44.08 N | 10.37 -11.86 N | 10.38 0.00 N |
| NYPA_VERNON____GT2 24162 | 56.52 3.66 -12.90 N | 56.43 3.35 -13.20 N | 60.36 4.41 0.00 N | 42.96 2.89 0.00 N | 55.93 3.35 -3.41 N | 45.39 2.80 0.00 N | 91.32 5.38 -2.01 N | 85.71 3.45 -36.44 N | 82.33 4.13 -27.59 N | 88.11 7.11 -1.15 N | 98.77 6.68 -20.57 N | 153.83 -5.46 -218.97 N | 143.34 5.07 -85.34 N | 143.82 8.26 -51.79 N | 144.66 11.59 -14.92 N | 144.50 11.58 -12.89 N | 144.91 10.68 -20.91 N | 138.93 8.74 -34.84 N | 142.06 11.59 -8.57 N | 138.49 10.64 -13.40 N | 140.41 8.33 -43.17 N | 143.46 8.46 -44.08 N | 134.73 10.16 -11.86 N | 128.20 10.26 0.00 N |
| NYPA_VERNON____GT3 24163 | 56.52 3.66 -12.90 N | 56.43 3.35 -13.20 N | 60.36 4.41 0.00 N | 42.96 2.89 0.00 N | 55.93 3.35 -3.41 N | 45.39 2.80 0.00 N | 91.32 5.38 -2.01 N | 85.71 3.45 -36.44 N | 82.33 4.13 -27.59 N | 88.11 7.11 -1.15 N | 98.77 6.68 -20.57 N | 153.83 -5.46 -218.97 N | 143.34 5.07 -85.34 N | 143.82 8.26 -51.79 N | 144.66 11.59 -14.92 N | 144.50 11.58 -12.89 N | 144.91 10.68 -20.91 N | 138.93 8.74 -34.84 N | 142.06 11.59 -8.57 N | 138.49 10.64 -13.40 N | 140.41 8.33 -43.17 N | 143.46 8.46 -44.08 N | 134.73 10.16 -11.86 N | 128.20 10.26 0.00 N |
| NYPA____ASTORIA_CC1 323568 | 56.50 3.64 -12.90 N | 56.42 3.33 -13.20 N | 60.35 4.40 0.00 N | 42.95 2.88 0.00 N | 55.90 3.33 -3.41 N | 45.37 2.78 0.00 N | 91.30 5.36 -2.01 N | 85.68 3.42 -36.44 N | 82.31 4.11 -27.59 N | 88.08 7.08 -1.15 N | 98.74 6.66 -20.57 N | 153.91 -5.38 -218.97 N | 143.29 5.03 -85.34 N | 143.78 8.22 -51.79 N | 144.64 11.57 -14.92 N | 144.49 11.57 -12.89 N | 144.89 10.65 -20.91 N | 138.90 8.71 -34.84 N | 142.01 11.54 -8.57 N | 138.47 10.63 -13.40 N | 140.39 8.31 -43.17 N | 143.42 8.42 -44.08 N | 134.71 10.14 -11.86 N | 128.13 10.19 0.00 N |
| NYPA____ASTORIA_CC2 323569 | 56.50 3.64 -12.90 N | 56.42 3.33 -13.20 N | 60.35 4.40 0.00 N | 42.95 2.88 0.00 N | 55.90 3.33 -3.41 N | 45.37 2.78 0.00 N | 91.30 5.36 -2.01 N | 85.68 3.42 -36.44 N | 82.31 4.11 -27.59 N | 88.08 7.08 -1.15 N | 98.74 6.66 -20.57 N | 153.91 -5.38 -218.97 N | 143.29 5.03 -85.34 N | 143.78 8.22 -51.79 N | 144.64 11.57 -14.92 N | 144.49 11.57 -12.89 N | 144.89 10.65 -20.91 N | 138.90 8.71 -34.84 N | 142.01 11.54 -8.57 N | 138.47 10.63 -13.40 N | 140.39 8.31 -43.17 N | 143.42 8.42 -44.08 N | 134.71 10.14 -11.86 N | 128.13 10.19 0.00 N |
| NYPA____HOLTSVILL 23794 | 137.56 4.98 -92.60 N | 57.94 4.53 -13.53 N | 61.78 5.93 0.09 N | 43.96 3.88 0.00 N | 56.98 4.40 -3.41 N | 46.45 3.87 0.00 N | 93.28 7.34 -2.01 N | 87.04 4.77 -36.45 N | 84.56 5.13 -28.82 N | 96.97 8.84 -8.27 N | 135.09 7.97 -55.61 N | 153.14 -6.21 -219.03 N | 143.28 4.37 -85.99 N | 143.28 7.70 -51.80 N | 143.99 10.93 -14.93 N | 143.78 10.85 -12.89 N | 144.69 9.68 -21.69 N | 138.45 8.25 -34.85 N | 141.73 11.25 -8.57 N | 138.53 10.76 -13.33 N | 140.28 8.05 -43.32 N | 143.10 8.09 -44.10 N | 135.90 10.96 -12.23 N | 128.96 11.02 0.00 N |
| NYPA____HELLGATE_GT1 24158 | 56.53 3.67 -12.90 N | 56.42 3.33 -13.20 N | 60.35 4.41 0.00 N | 42.90 2.83 0.00 N | 55.82 3.25 -3.41 N | 45.30 2.72 0.00 N | 91.16 5.22 -2.01 N | 85.55 3.29 -36.44 N | 82.09 3.89 -27.59 N | 86.56 6.73 0.03 N | 95.36 6.32 -17.53 N | 154.66 -4.63 -218.97 N | 143.12 4.86 -85.34 N | 143.50 7.93 -51.79 N | 144.28 11.22 -14.92 N | 144.06 11.14 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.40 -34.84 N | 141.58 11.11 -8.57 N | 138.09 10.25 -13.40 N | 140.10 8.02 -43.17 N | 143.16 8.17 -44.08 N | 134.48 9.92 -11.86 N | 127.89 9.95 0.00 N |
| NYPA____HELLGATE_GT2 24159 | 56.53 3.67 -12.90 N | 56.42 3.33 -13.20 N | 60.35 4.41 0.00 N | 42.90 2.83 0.00 N | 55.82 3.25 -3.41 N | 45.30 2.72 0.00 N | 91.16 5.22 -2.01 N | 85.55 3.29 -36.44 N | 82.09 3.89 -27.59 N | 86.56 6.73 0.03 N | 95.36 6.32 -17.53 N | 154.66 -4.63 -218.97 N | 143.12 4.86 -85.34 N | 143.50 7.93 -51.79 N | 144.28 11.22 -14.92 N | 144.06 11.14 -12.89 N | 144.48 10.25 -20.91 N | 138.59 8.40 -34.84 N | 141.58 11.11 -8.57 N | 138.09 10.25 -13.40 N | 140.10 8.02 -43.17 N | 143.16 8.17 -44.08 N | 134.48 9.92 -11.86 N | 127.89 9.95 0.00 N |
| NYS_BARGE____HYD 23848 | 37.40 -4.34 -1.78 N | 37.41 -4.29 -1.82 N | 49.74 -6.20 0.00 N | 35.72 -4.36 0.00 N | 44.31 -5.32 -0.47 N | 37.81 -4.77 0.00 N | 74.87 -9.33 -0.28 N | 45.78 -5.06 -5.02 N | 48.45 -5.96 -3.80 N | 67.32 -10.57 1.97 N | 62.95 -8.57 0.00 N | -53.92 5.76 0.00 N | 49.93 -4.80 -1.79 N | 78.67 -7.54 -2.45 N | 108.06 -10.08 0.00 N | 111.17 -8.86 0.00 N | 105.76 -7.56 0.00 N | 87.47 -7.88 0.00 N | 109.25 -12.65 0.00 N | 103.28 -11.17 0.00 N | 79.52 -9.39 0.00 N | 81.82 -9.10 0.00 N | 99.20 -13.51 0.00 N | 105.94 -12.00 0.00 N |
| O.H_GEN_BRUCE 24063 | 36.80 -4.91 -1.74 N | 36.87 -4.80 -1.78 N | 49.06 -6.88 0.00 N | 35.25 -4.83 0.00 N | 43.73 -5.89 -0.46 N | 37.35 -5.24 0.00 N | 73.88 -10.32 -0.27 N | 45.09 -5.65 -4.92 N | 30.41 -7.53 24.51 N | 31.85 -9.95 28.01 N | 34.95 -7.10 8.46 N | -52.76 6.92 0.00 N | 48.94 -5.75 -1.76 N | 77.00 -9.17 -2.40 N | 105.81 -12.33 0.00 N | 108.77 -11.26 0.00 N | 103.50 -9.82 0.00 N | 85.63 -9.72 0.00 N | 106.93 -14.97 0.00 N | 101.12 -13.33 0.00 N | 77.81 -11.10 0.00 N | 79.69 -9.00 -0.58 N | 55.00 -11.21 12.23 N | 103.96 -13.99 0.00 N |
| OAK ORCHARD____HYD 24046 | 38.66 -2.77 -1.46 N | 38.60 -2.78 -1.49 N | 51.84 -4.11 0.00 N | 37.20 -2.88 0.00 N | 46.01 -3.54 -0.39 N | 39.42 -3.16 0.00 N | 77.89 -6.26 -0.23 N | 46.64 -3.30 -4.11 N | 50.02 -3.70 -3.12 N | 71.37 -6.34 2.15 N | 66.47 -5.05 0.00 N | -56.33 3.35 0.00 N | 51.75 -2.65 -1.47 N | 81.65 -4.12 -2.01 N | 112.71 -5.43 0.00 N | 115.34 -4.69 0.00 N | 109.39 -3.93 0.00 N | 91.17 -4.18 0.00 N | 115.01 -6.90 0.00 N | 108.26 -6.19 0.00 N | 83.63 -5.28 0.00 N | 85.87 -5.05 0.00 N | 104.79 -7.92 0.00 N | 110.52 -7.42 0.00 N |
| OCC_CHEM____DRP 24175 | 36.97 -4.82 -1.82 N | 37.04 -4.70 -1.86 N | 49.20 -6.75 0.00 N | 35.35 -4.72 0.00 N | 43.88 -5.77 -0.48 N | 37.45 -5.14 0.00 N | 74.08 -10.13 -0.28 N | 45.44 -5.52 -5.14 N | 47.93 -6.57 -3.89 N | 66.23 -11.69 1.94 N | 61.91 -9.61 0.00 N | -52.93 6.75 0.00 N | 49.16 -5.60 -1.84 N | 77.35 -8.93 -2.51 N | 106.10 -12.04 0.00 N | 109.11 -10.92 0.00 N | 103.87 -9.46 0.00 N | 85.90 -9.45 0.00 N | 107.17 -14.73 0.00 N | 101.40 -13.05 0.00 N | 78.01 -10.90 0.00 N | 80.32 -10.60 0.00 N | 97.41 -15.29 0.00 N | 104.31 -13.63 0.00 N |
| OLIN_CORP_DRP 24177 | 37.19 -4.63 -1.85 N | 37.23 -4.55 -1.90 N | 49.41 -6.53 0.00 N | 35.50 -4.58 0.00 N | 44.06 -5.59 -0.49 N | 37.58 -5.00 0.00 N | 74.39 -9.82 -0.29 N | 45.71 -5.34 -5.23 N | 48.24 -6.33 -3.96 N | 66.71 -11.23 1.91 N | 62.33 -9.19 0.00 N | -53.39 6.29 0.00 N | 49.54 -5.26 -1.87 N | 77.96 -8.36 -2.55 N | 106.93 -11.21 0.00 N | 109.99 -10.04 0.00 N | 104.65 -8.67 0.00 N | 86.55 -8.80 0.00 N | 108.05 -13.85 0.00 N | 102.21 -12.24 0.00 N | 78.65 -10.26 0.00 N | 80.94 -9.97 0.00 N | 98.12 -14.58 0.00 N | 104.96 -12.98 0.00 N |
| ONONDAGA_REF_OCCRA 23987 | 40.48 -0.64 -1.15 N | 40.39 -0.67 -1.18 N | 54.81 -1.15 0.00 N | 39.32 -0.76 0.00 N | 48.51 -0.95 -0.30 N | 41.68 -0.90 0.00 N | 82.41 -1.69 -0.18 N | 48.23 -0.83 -3.24 N | 52.26 -0.80 -2.46 N | 78.63 -1.23 0.00 N | 70.73 -0.79 0.00 N | -59.48 0.20 0.00 N | 53.99 -0.09 -1.16 N | 85.37 0.02 -1.58 N | 118.15 0.01 0.00 N | 120.25 0.21 0.00 N | 113.60 0.28 0.00 N | 95.22 -0.13 0.00 N | 121.42 -0.48 0.00 N | 113.98 -0.47 0.00 N | 88.48 -0.43 0.00 N | 90.54 -0.37 0.00 N | 111.50 -1.21 0.00 N | 116.63 -1.31 0.00 N |

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|---------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|---------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|
| ONONDAGA___COGEN 23986 | 40.44 -0.72 -1.19 N | 40.36 -0.74 -1.22 N | 54.74 -1.21 0.00 N | 39.27 -0.81 0.00 N | 48.45 -1.03 -0.32 N | 41.64 -0.94 0.00 N | 82.33 -1.78 -0.19 N | 48.31 -0.87 -3.36 N | 52.26 -0.90 -2.55 N | 78.47 -1.41 -0.03 N | 70.53 -0.99 0.00 N | -59.30 0.38 0.00 N | 53.86 -0.27 -1.20 N | 85.10 -0.31 -1.64 N | 117.71 -0.44 0.00 N | 119.85 -0.19 0.00 N | 113.24 -0.08 0.00 N | 94.93 -0.42 0.00 N | 120.96 -0.94 0.00 N | 113.61 -0.84 0.00 N | 88.15 -0.76 0.00 N | 90.25 -0.67 0.00 N | 111.15 -1.56 0.00 N | 116.36 -1.58 0.00 N |
| ONTARIO___LFGE 23819 | 39.74 -1.92 -1.69 N | 39.78 -1.83 -1.73 N | 52.88 -3.07 0.00 N | 38.11 -1.96 0.00 N | 47.03 -2.58 -0.45 N | 40.27 -2.31 0.00 N | 79.85 -4.34 -0.26 N | 48.37 -2.21 -4.76 N | 51.85 -2.37 -3.60 N | 75.49 -4.42 -0.06 N | 68.20 -3.32 0.00 N | -57.89 1.79 0.00 N | 53.47 -1.16 -1.70 N | 84.26 -1.83 -2.32 N | 115.48 -2.66 0.00 N | 118.21 -1.82 0.00 N | 111.84 -1.48 0.00 N | 93.11 -2.24 0.00 N | 117.88 -4.03 0.00 N | 110.74 -3.71 0.00 N | 85.72 -3.19 0.00 N | 87.77 -3.14 0.00 N | 107.34 -5.36 0.00 N | 112.72 -5.22 0.00 N |
| OSWEGATCHIE___HYD 24044 | 40.08 0.11 0.00 N | 39.97 0.09 0.00 N | 56.03 0.08 0.00 N | 40.15 0.07 0.00 N | 49.29 0.12 0.00 N | 42.68 0.10 0.00 N | 83.72 -0.21 0.00 N | 45.66 -0.16 0.00 N | 50.50 -0.10 0.00 N | 80.32 0.46 0.00 N | 71.94 0.42 0.00 N | -60.00 -0.32 0.00 N | 52.98 0.06 0.00 N | 83.75 -0.02 0.00 N | 117.74 -0.40 0.00 N | 119.36 -0.67 0.00 N | 112.83 -0.49 0.00 N | 95.39 0.04 0.00 N | 121.86 -0.05 0.00 N | 114.68 0.23 0.00 N | 89.00 0.09 0.00 N | 91.50 0.58 0.00 N | 113.41 0.70 0.00 N | 118.46 0.52 0.00 N |
| OSWEGO___5 23606 | 39.70 -1.18 -0.90 N | 39.62 -1.19 -0.93 N | 54.18 -1.77 0.00 N | 38.83 -1.24 0.00 N | 47.88 -1.52 -0.24 N | 41.22 -1.36 0.00 N | 81.42 -2.65 -0.14 N | 46.98 -1.39 -2.56 N | 51.04 -1.50 -1.94 N | 77.42 -2.43 0.00 N | 69.54 -1.98 0.00 N | -58.28 1.40 0.00 N | 52.70 -1.14 -0.91 N | 83.27 -1.75 -1.25 N | 115.78 -2.36 0.00 N | 117.79 -2.24 0.00 N | 111.28 -2.04 0.00 N | 93.35 -2.00 0.00 N | 119.09 -2.81 0.00 N | 111.84 -2.61 0.00 N | 86.80 -2.11 0.00 N | 88.79 -2.12 0.00 N | 109.59 -3.12 0.00 N | 114.78 -3.16 0.00 N |
| OSWEGO___6 23613 | 39.70 -1.18 -0.90 N | 39.62 -1.19 -0.93 N | 54.18 -1.77 0.00 N | 38.83 -1.24 0.00 N | 47.88 -1.52 -0.24 N | 41.22 -1.36 0.00 N | 81.42 -2.65 -0.14 N | 46.98 -1.39 -2.56 N | 51.04 -1.50 -1.94 N | 77.42 -2.43 0.00 N | 69.54 -1.98 0.00 N | -58.28 1.40 0.00 N | 52.70 -1.14 -0.91 N | 83.27 -1.75 -1.25 N | 115.78 -2.36 0.00 N | 117.79 -2.24 0.00 N | 111.28 -2.04 0.00 N | 93.35 -2.00 0.00 N | 119.09 -2.81 0.00 N | 111.84 -2.61 0.00 N | 86.80 -2.11 0.00 N | 88.79 -2.12 0.00 N | 109.59 -3.12 0.00 N | 114.78 -3.16 0.00 N |
| OUTOKUMPU-AB___DRP 24206 | 37.71 -4.11 -1.86 N | 37.74 -4.04 -1.90 N | 50.08 -5.88 0.00 N | 35.95 -4.13 0.00 N | 44.60 -5.05 -0.49 N | 38.05 -4.54 0.00 N | 75.36 -8.85 -0.29 N | 46.28 -4.78 -5.24 N | 48.93 -5.65 -3.97 N | 67.88 -10.06 1.92 N | 63.40 -8.12 0.00 N | -54.29 5.39 0.00 N | 50.31 -4.49 -1.88 N | 79.30 -7.02 -2.56 N | 108.83 -9.31 0.00 N | 111.98 -8.05 0.00 N | 106.51 -6.81 0.00 N | 88.10 -7.25 0.00 N | 110.11 -11.79 0.00 N | 104.06 -10.39 0.00 N | 80.12 -8.79 0.00 N | 82.44 -8.47 0.00 N | 99.95 -12.76 0.00 N | 106.74 -11.21 0.00 N |
| OXBOW___ 24026 | 37.45 -4.36 -1.84 N | 37.49 -4.28 -1.88 N | 49.76 -6.19 0.00 N | 35.73 -4.34 0.00 N | 44.34 -5.31 -0.49 N | 37.83 -4.76 0.00 N | 74.90 -9.31 -0.29 N | 45.95 -5.06 -5.20 N | 48.55 -5.99 -3.93 N | 67.25 -10.69 1.93 N | 62.83 -8.69 0.00 N | -53.80 5.88 0.00 N | 49.89 -4.90 -1.86 N | 78.57 -7.74 -2.53 N | 107.82 -10.32 0.00 N | 110.91 -9.12 0.00 N | 105.55 -7.77 0.00 N | 87.31 -8.05 0.00 N | 108.99 -12.91 0.00 N | 103.06 -11.39 0.00 N | 79.34 -9.56 0.00 N | 81.65 -9.26 0.00 N | 99.00 -13.71 0.00 N | 105.83 -12.11 0.00 N |
| PEEKSKILL___ 23653 | 55.76 3.01 -12.78 N | 55.70 2.72 -13.09 N | 59.52 3.57 0.00 N | 42.43 2.35 0.00 N | 55.27 2.72 -3.39 N | 44.86 2.28 0.00 N | 90.30 4.38 -2.00 N | 84.81 2.85 -36.15 N | 81.42 3.44 -27.37 N | 85.78 5.96 0.03 N | 94.38 5.59 -17.27 N | 151.28 -4.75 -215.71 N | 141.40 4.31 -84.16 N | 142.03 7.12 -51.14 N | 142.90 10.06 -14.70 N | 142.83 10.10 -12.70 N | 143.23 9.31 -20.60 N | 137.27 7.60 -34.32 N | 140.47 10.13 -8.44 N | 136.93 9.28 -13.20 N | 138.74 7.30 -42.53 N | 141.70 7.36 -43.43 N | 133.12 8.73 -11.68 N | 126.51 8.58 0.00 N |
| PGE MADISON___WINDPWR 24146 | 44.12 0.48 -3.67 N | 44.29 0.65 -3.76 N | 55.92 -0.02 0.00 N | 40.72 0.64 0.00 N | 50.99 0.85 -0.97 N | 42.71 0.13 0.00 N | 85.33 0.83 -0.57 N | 57.05 0.86 -10.38 N | 60.03 1.57 -7.86 N | 82.50 2.74 0.10 N | 75.28 3.21 -0.55 N | -56.78 -3.97 -6.87 N | 62.00 3.09 -5.98 N | 95.17 5.28 -6.12 N | 125.34 6.74 -0.47 N | 127.67 7.23 -0.40 N | 120.89 6.92 -0.65 N | 101.46 5.02 -1.09 N | 128.20 6.03 -0.27 N | 120.84 5.98 -0.42 N | 94.91 4.64 -1.35 N | 97.12 4.82 -1.38 N | 117.26 4.19 -0.37 N | 121.59 3.65 0.00 N |
| PIERCEFIELD___HYD 23852 | 39.92 -0.05 0.00 N | 39.91 0.03 0.00 N | 56.03 0.09 0.00 N | 40.17 0.09 0.00 N | 49.31 0.15 0.00 N | 42.73 0.15 0.00 N | 83.78 -0.14 0.00 N | 45.62 -0.19 0.00 N | 50.38 -0.23 0.00 N | 80.19 0.33 0.00 N | 71.59 0.08 0.00 N | -59.50 0.17 0.00 N | 52.32 -0.61 0.00 N | 82.53 -1.24 0.00 N | 115.83 -2.31 0.00 N | 117.15 -2.88 0.00 N | 111.03 -2.29 0.00 N | 94.29 -1.06 0.00 N | 120.21 -1.69 0.00 N | 113.24 -1.21 0.00 N | 87.90 -1.01 0.00 N | 90.11 -0.80 0.00 N | 112.29 -0.42 0.00 N | 117.58 -0.36 0.00 N |
| PINELAWN_CC_1 323563 | 137.65 4.51 -93.17 N | 59.47 4.12 -15.47 N | 61.36 5.45 0.04 N | 43.66 3.59 0.00 N | 56.65 4.08 -3.41 N | 46.09 3.51 0.00 N | 92.56 6.62 -2.01 N | 86.56 4.29 -36.45 N | 84.21 4.69 -28.91 N | 98.22 8.03 -10.33 N | 134.57 7.32 -55.73 N | 153.67 -5.69 -219.03 N | 143.36 4.45 -85.99 N | 143.37 7.80 -51.80 N | 144.16 11.09 -14.93 N | 143.87 10.95 -12.89 N | 144.97 9.96 -21.69 N | 138.60 8.40 -34.85 N | 141.86 11.39 -8.57 N | 138.67 10.86 -13.37 N | 140.52 8.27 -43.34 N | 143.39 8.38 -44.10 N | 135.45 10.51 -12.23 N | 128.66 10.72 0.00 N |
| PJM_GEN_KEystone 24065 | 46.91 -2.30 -9.25 N | 45.56 -3.80 -9.47 N | 50.51 -5.44 0.00 N | 36.09 -3.99 0.00 N | 46.66 -4.95 -2.45 N | 41.00 -0.22 3.48 N | 77.33 -8.04 -1.45 N | 68.48 -3.48 -26.14 N | 48.53 0.38 14.30 N | 55.00 1.04 15.84 N | 72.32 0.99 -20.81 N | 82.52 3.62 -138.58 N | 110.01 1.81 -36.56 N | 113.99 -4.06 -34.28 N | 122.28 -5.31 -9.44 N | 124.72 -3.48 -8.16 N | 135.00 4.61 -22.13 N | 112.34 -5.06 -22.05 N | 120.01 -7.32 -5.42 N | 116.14 -6.79 -8.48 N | 110.53 -5.71 -27.32 N | 102.96 2.18 -12.68 N | 98.00 1.36 -18.21 N | 78.98 1.80 7.84 N |
| PJM_GEN_NEPTUNE_PROXY 323594 | 135.79 3.81 -92.01 N | 54.78 3.44 -11.47 N | 60.31 4.52 0.15 N | 43.02 2.95 0.00 N | 55.91 3.33 -3.41 N | 45.45 2.87 0.00 N | 91.31 5.38 -2.01 N | 85.83 3.56 -36.45 N | 58.26 5.15 9.34 N | 94.91 6.43 -18.67 N | 121.38 4.86 -66.01 N | 153.93 -5.42 -219.03 N | 143.34 4.43 -85.99 N | 143.17 7.60 -51.80 N | 143.83 10.76 -14.93 N | 143.53 10.61 -12.89 N | 144.72 9.71 -21.69 N | 138.37 8.17 -34.85 N | 141.56 11.09 -8.57 N | 138.11 10.38 -13.28 N | 140.20 7.99 -43.30 N | 143.10 8.10 -44.10 N | 135.03 10.09 -12.23 N | 127.96 10.02 0.00 N |
| PLEASANTVLY___LBMP 24000 | 56.17 2.87 -13.34 N | 56.18 2.64 -13.66 N | 59.46 3.51 0.00 N | 42.42 2.35 0.00 N | 55.43 2.73 -3.53 N | 44.89 2.31 0.00 N | 90.50 4.49 -2.08 N | 86.34 2.82 -37.71 N | 82.47 3.31 -28.55 N | 85.45 5.62 0.03 N | 95.81 5.26 -19.03 N | 173.64 -4.44 -237.76 N | 149.03 4.11 -92.00 N | 145.87 6.77 -55.33 N | 143.88 9.54 -16.20 N | 143.42 9.39 -14.00 N | 144.59 8.56 -22.71 N | 140.20 7.01 -37.83 N | 140.75 9.54 -9.30 N | 137.78 8.78 -14.55 N | 142.69 6.89 -46.88 N | 145.72 6.94 -47.87 N | 133.79 8.21 -12.87 N | 126.15 8.20 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 |
| POLETTI____ 23519 | 56.29 3.43 -12.89 N | 56.23 3.15 -13.20 N | 60.08 4.13 0.00 N | 42.79 2.71 0.00 N | 55.72 3.14 -3.41 N | 45.19 2.61 0.00 N | 90.94 5.00 -2.01 N | 85.50 3.24 -36.44 N | 82.10 3.90 -27.59 N | 86.53 6.71 0.03 N | 95.38 6.34 -17.53 N | 153.96 -5.32 -218.96 N | 143.04 4.78 -85.34 N | 143.35 7.78 -51.79 N | 143.96 10.89 -14.92 N | 143.77 10.85 -12.89 N | 144.17 9.93 -20.91 N | 138.33 8.14 -34.84 N | 141.36 10.89 -8.57 N | 137.89 10.05 -13.40 N | 139.98 7.90 -43.17 N | 142.98 7.99 -44.08 N | 134.16 9.60 -11.86 N | 127.55 9.61 0.00 N | |
| PORT_JEFF_3 23555 | 137.71 5.13 -92.61 N | 58.07 4.64 -13.55 N | 61.93 6.07 0.09 N | 44.05 3.97 0.00 N | 57.07 4.50 -3.41 N | 46.57 3.99 0.00 N | 93.61 7.67 -2.01 N | 87.20 4.93 -36.45 N | 84.73 5.30 -28.82 N | 97.30 9.15 -8.30 N | 135.27 8.15 -55.61 N | 153.18 -6.17 -219.03 N | 143.18 4.27 -85.99 N | 143.03 7.45 -51.80 N | 143.59 10.52 -14.93 N | 143.34 10.42 -12.89 N | 144.27 9.26 -21.69 N | 138.14 7.94 -34.85 N | 141.44 10.97 -8.57 N | 138.38 10.61 -13.33 N | 140.08 7.85 -43.32 N | 142.82 7.81 -44.10 N | 136.04 11.10 -12.23 N | 129.13 11.19 0.00 N | |
| PORT_JEFF_4 23616 | 137.71 5.13 -92.61 N | 58.07 4.64 -13.55 N | 61.93 6.07 0.09 N | 44.05 3.97 0.00 N | 57.07 4.50 -3.41 N | 46.57 3.99 0.00 N | 93.61 7.67 -2.01 N | 87.20 4.93 -36.45 N | 84.73 5.30 -28.82 N | 97.30 9.15 -8.30 N | 135.27 8.15 -55.61 N | 153.18 -6.17 -219.03 N | 143.18 4.27 -85.99 N | 143.03 7.45 -51.80 N | 143.59 10.52 -14.93 N | 143.34 10.42 -12.89 N | 144.27 9.26 -21.69 N | 138.14 7.94 -34.85 N | 141.44 10.97 -8.57 N | 138.38 10.61 -13.33 N | 140.08 7.85 -43.32 N | 142.82 7.81 -44.10 N | 136.04 11.10 -12.23 N | 129.13 11.19 0.00 N | |
| PORT_JEFF_IC 23713 | 137.87 5.27 -92.63 N | 58.25 4.77 -13.60 N | 62.11 6.25 0.09 N | 44.18 4.10 0.00 N | 57.23 4.66 -3.41 N | 46.69 4.11 0.00 N | 93.83 7.89 -2.01 N | 87.36 5.09 -36.45 N | 84.93 5.50 -28.82 N | 97.72 9.51 -8.35 N | 135.63 8.51 -55.61 N | 152.83 -6.52 -219.03 N | 143.44 4.53 -85.99 N | 143.12 7.55 -51.80 N | 143.77 10.70 -14.93 N | 143.54 10.61 -12.89 N | 144.44 9.43 -21.69 N | 138.29 8.09 -34.85 N | 141.56 11.08 -8.57 N | 138.46 10.69 -13.33 N | 140.15 7.92 -43.32 N | 142.99 7.98 -44.10 N | 136.54 11.60 -12.23 N | 129.55 11.61 0.00 N | |
| PPL PILGRIM_ST_GT1 24216 | 137.61 4.95 -92.70 N | 58.21 4.49 -13.84 N | 61.74 5.88 0.08 N | 43.94 3.86 0.00 N | 56.96 4.38 -3.41 N | 46.40 3.81 0.00 N | 93.14 7.20 -2.01 N | 86.97 4.70 -36.45 N | 84.74 5.30 -28.83 N | 97.69 9.23 -8.60 N | 135.53 8.39 -55.63 N | 152.72 -6.63 -219.03 N | 143.80 4.88 -85.99 N | 144.22 8.64 -51.80 N | 145.38 12.32 -14.93 N | 145.22 12.29 -12.89 N | 146.04 11.03 -21.69 N | 139.52 9.32 -34.85 N | 142.69 12.22 -8.57 N | 139.50 11.72 -13.33 N | 141.22 8.98 -43.33 N | 144.26 9.26 -44.10 N | 136.99 12.05 -12.23 N | 129.99 12.05 0.00 N | |
| PPL PILGRIM_ST_GT2 24217 | 137.61 4.95 -92.70 N | 58.21 4.49 -13.84 N | 61.74 5.88 0.08 N | 43.94 3.86 0.00 N | 56.96 4.38 -3.41 N | 46.40 3.81 0.00 N | 93.14 7.20 -2.01 N | 86.97 4.70 -36.45 N | 84.74 5.30 -28.83 N | 97.69 9.23 -8.60 N | 135.53 8.39 -55.63 N | 152.72 -6.63 -219.03 N | 143.80 4.88 -85.99 N | 144.22 8.64 -51.80 N | 145.38 12.32 -14.93 N | 145.22 12.29 -12.89 N | 146.04 11.03 -21.69 N | 139.52 9.32 -34.85 N | 142.69 12.22 -8.57 N | 139.50 11.72 -13.33 N | 141.22 8.98 -43.33 N | 144.26 9.26 -44.10 N | 136.99 12.05 -12.23 N | 129.99 12.05 0.00 N | |
| PPL_SHRM_GT3 24213 | 138.12 5.54 -92.62 N | 58.57 5.11 -13.58 N | 62.56 6.70 0.09 N | 44.50 4.42 0.00 N | 57.63 5.05 -3.41 N | 47.01 4.43 0.00 N | 94.43 8.49 -2.01 N | 87.72 5.45 -36.45 N | 84.90 5.47 -28.82 N | 97.29 9.11 -8.33 N | 135.37 8.25 -55.61 N | 152.86 -6.49 -219.03 N | 143.47 4.55 -85.99 N | 143.60 8.02 -51.80 N | 144.44 11.37 -14.93 N | 144.16 11.23 -12.89 N | 144.99 9.98 -21.69 N | 138.73 8.53 -34.85 N | 142.10 11.63 -8.57 N | 138.86 11.08 -13.33 N | 140.46 8.23 -43.32 N | 143.24 8.24 -44.10 N | 136.17 11.23 -12.23 N | 129.14 11.20 0.00 N | |
| PPL_SHRM_GT4 24214 | 138.12 5.54 -92.62 N | 58.57 5.11 -13.58 N | 62.56 6.70 0.09 N | 44.50 4.42 0.00 N | 57.63 5.05 -3.41 N | 47.01 4.43 0.00 N | 94.43 8.49 -2.01 N | 87.72 5.45 -36.45 N | 84.90 5.47 -28.82 N | 97.29 9.11 -8.33 N | 135.37 8.25 -55.61 N | 152.86 -6.49 -219.03 N | 143.47 4.55 -85.99 N | 143.60 8.02 -51.80 N | 144.44 11.37 -14.93 N | 144.16 11.23 -12.89 N | 144.99 9.98 -21.69 N | 138.73 8.53 -34.85 N | 142.10 11.63 -8.57 N | 138.86 11.08 -13.33 N | 140.46 8.23 -43.32 N | 143.24 8.24 -44.10 N | 136.17 11.23 -12.23 N | 129.14 11.20 0.00 N | |
| PROJECT___ORANGE 1 24174 | 40.20 -0.78 -1.02 N | 40.11 -0.82 -1.04 N | 54.67 -1.28 0.00 N | 39.18 -0.90 0.00 N | 48.32 -1.11 -0.27 N | 41.57 -1.01 0.00 N | 82.14 -1.94 -0.16 N | 47.71 -0.98 -2.87 N | 51.79 -0.99 -2.18 N | 78.30 -1.56 0.00 N | 70.42 -1.10 0.00 N | -59.08 0.60 0.00 N | 53.61 -0.34 -1.03 N | 84.78 -0.39 -1.40 N | 117.69 -0.46 0.00 N | 119.82 -0.22 0.00 N | 113.21 -0.11 0.00 N | 94.85 -0.50 0.00 N | 120.93 -0.97 0.00 N | 113.52 -0.93 0.00 N | 88.11 -0.80 0.00 N | 90.14 -0.77 0.00 N | 111.04 -1.66 0.00 N | 116.22 -1.72 0.00 N | |
| PROJECT___ORANGE 2 24166 | 40.20 -0.78 -1.02 N | 40.11 -0.82 -1.04 N | 54.67 -1.28 0.00 N | 39.18 -0.90 0.00 N | 48.32 -1.11 -0.27 N | 41.57 -1.01 0.00 N | 82.14 -1.94 -0.16 N | 47.71 -0.98 -2.87 N | 51.79 -0.99 -2.18 N | 78.30 -1.56 0.00 N | 70.42 -1.10 0.00 N | -59.08 0.60 0.00 N | 53.61 -0.34 -1.03 N | 84.78 -0.39 -1.40 N | 117.69 -0.46 0.00 N | 119.82 -0.22 0.00 N | 113.21 -0.11 0.00 N | 94.85 -0.50 0.00 N | 120.93 -0.97 0.00 N | 113.52 -0.93 0.00 N | 88.11 -0.80 0.00 N | 90.14 -0.77 0.00 N | 111.04 -1.66 0.00 N | 116.22 -1.72 0.00 N | |
| PYRITES___HYD 24023 | 40.15 0.19 0.00 N | 40.14 0.26 0.00 N | 56.36 0.41 0.00 N | 40.39 0.31 0.00 N | 49.58 0.41 0.00 N | 42.97 0.39 0.00 N | 84.32 0.40 0.00 N | 45.93 0.12 0.00 N | 50.74 0.13 0.00 N | 80.71 0.85 0.00 N | 72.11 0.58 0.00 N | -59.92 -0.24 0.00 N | 52.67 -0.26 0.00 N | 83.08 -0.69 0.00 N | 116.69 -1.45 0.00 N | 118.13 -1.90 0.00 N | 111.93 -1.39 0.00 N | 94.98 -0.37 0.00 N | 121.09 -0.81 0.00 N | 114.00 -0.45 0.00 N | 88.52 -0.39 0.00 N | 90.74 -0.17 0.00 N | 113.08 0.37 0.00 N | 118.40 0.45 0.00 N | |
| RAMAPO___LBMP 323565 | 55.38 2.92 -12.49 N | 55.31 2.64 -12.79 N | 59.40 3.45 0.00 N | 42.36 2.28 0.00 N | 55.10 2.63 -3.31 N | 44.79 2.21 0.00 N | 90.10 4.23 -1.95 N | 83.92 2.78 -35.32 N | 80.72 3.37 -26.74 N | 85.67 5.85 0.03 N | 93.40 5.44 -16.44 N | 141.06 -4.63 -205.36 N | 137.61 4.24 -80.44 N | 139.91 7.01 -49.13 N | 142.09 9.95 -13.99 N | 142.23 10.11 -12.09 N | 142.30 9.37 -19.61 N | 135.61 7.58 -32.67 N | 139.94 10.01 -8.03 N | 136.18 9.17 -12.56 N | 136.60 7.19 -40.49 N | 139.52 7.26 -41.34 N | 132.44 8.61 -11.12 N | 126.35 8.40 0.00 N | |
| RANKINE____ 23646 | 37.55 -4.40 -1.98 N | 37.57 -4.35 -2.03 N | 49.66 -6.29 0.00 N | 35.65 -4.43 0.00 N | 44.26 -5.43 -0.53 N | 37.71 -4.87 0.00 N | 74.79 -9.45 -0.31 N | 46.32 -5.10 -5.61 N | 48.88 -5.96 -4.24 N | 67.59 -10.44 1.83 N | 63.02 -8.49 0.00 N | -54.02 5.66 0.00 N | 50.16 -4.77 -2.01 N | 79.19 -7.31 -2.73 N | 108.40 -9.74 0.00 N | 111.56 -8.48 0.00 N | 106.06 -7.26 0.00 N | 87.62 -7.73 0.00 N | 109.70 -12.20 0.00 N | 103.57 -10.87 0.00 N | 79.80 -9.11 0.00 N | 81.96 -8.95 0.00 N | 99.53 -13.18 0.00 N | 106.10 -11.84 0.00 N | |
| RAVENSWOOD_GT2_1 | 56.33 | 56.26 | 60.14 | 42.83 | 55.77 | 45.24 | 91.04 | 85.55 | 82.14 | 86.61 | 95.45 | 153.90 | 143.14 | 143.54 | 144.30 | 144.13 | 144.54 | 138.63 | 141.70 | 138.16 | 140.17 | 143.19 | 134.39 | 127.74 | |

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| 24244 | 3.47 -12.89 N | 3.18 -13.20 N | 4.19 0.00 N | 2.75 0.00 N | 3.19 -3.41 N | 2.65 0.00 N | 5.10 -2.01 N | 3.29 -36.44 N | 3.94 -27.59 N | 6.78 0.03 N | 6.41 -17.53 N | -5.39 -218.97 N | 4.88 -85.34 N | 7.97 -51.79 N | 11.23 -14.92 N | 11.21 -12.89 N | 10.30 -20.91 N | 8.43 -34.84 N | 11.23 -8.57 N | 10.32 -13.40 N | 8.09 -43.17 N | 8.20 -44.08 N | 9.82 -11.86 N | 9.80 0.00 N |
| RAVENSWOOD_GT2_2 24245 | 56.33 3.47 -12.89 N | 56.26 3.18 -13.20 N | 60.14 4.19 0.00 N | 42.83 2.75 0.00 N | 55.77 3.19 -3.41 N | 45.24 2.65 0.00 N | 91.04 5.10 -2.01 N | 85.55 3.29 -36.44 N | 82.14 3.94 -27.59 N | 86.61 6.78 0.03 N | 95.45 6.41 -17.53 N | 153.90 -5.39 -218.97 N | 143.14 4.88 -85.34 N | 143.54 7.97 -51.79 N | 144.30 11.23 -14.92 N | 144.13 11.21 -12.89 N | 144.54 10.30 -20.91 N | 138.63 8.43 -34.84 N | 141.70 11.23 -8.57 N | 138.16 10.32 -13.40 N | 140.17 8.09 -43.17 N | 143.19 8.20 -44.08 N | 134.39 9.82 -11.86 N | 127.74 9.80 0.00 N |
| RAVENSWOOD_GT2_3 24246 | 56.37 3.51 -12.89 N | 56.29 3.21 -13.20 N | 60.18 4.24 0.00 N | 42.86 2.78 0.00 N | 55.80 3.22 -3.41 N | 45.28 2.70 0.00 N | 91.11 5.17 -2.01 N | 85.59 3.33 -36.44 N | 82.20 4.00 -27.59 N | 86.71 6.88 0.03 N | 95.53 6.49 -17.53 N | 153.85 -5.44 -218.97 N | 143.20 4.94 -85.34 N | 143.65 8.08 -51.79 N | 144.42 11.36 -14.92 N | 144.26 11.34 -12.89 N | 144.69 10.45 -20.91 N | 138.74 8.55 -34.84 N | 141.84 11.37 -8.57 N | 138.30 10.46 -13.40 N | 140.28 8.20 -43.17 N | 143.31 8.32 -44.08 N | 134.54 9.97 -11.86 N | 127.88 9.94 0.00 N |
| RAVENSWOOD_GT2_4 24247 | 56.37 3.51 -12.89 N | 56.29 3.21 -13.20 N | 60.18 4.24 0.00 N | 42.86 2.78 0.00 N | 55.80 3.22 -3.41 N | 45.28 2.70 0.00 N | 91.11 5.17 -2.01 N | 85.59 3.33 -36.44 N | 82.20 4.00 -27.59 N | 86.71 6.88 0.03 N | 95.53 6.49 -17.53 N | 153.85 -5.44 -218.97 N | 143.20 4.94 -85.34 N | 143.65 8.08 -51.79 N | 144.42 11.36 -14.92 N | 144.26 11.34 -12.89 N | 144.69 10.45 -20.91 N | 138.74 8.55 -34.84 N | 141.84 11.37 -8.57 N | 138.30 10.46 -13.40 N | 140.28 8.20 -43.17 N | 143.31 8.32 -44.08 N | 134.54 9.97 -11.86 N | 127.88 9.94 0.00 N |
| RAVENSWOOD_GT3_1 24248 | 56.32 3.47 -12.89 N | 56.25 3.17 -13.20 N | 60.13 4.19 0.00 N | 42.82 2.74 0.00 N | 55.77 3.19 -3.41 N | 45.24 2.65 0.00 N | 91.02 5.09 -2.01 N | 85.54 3.28 -36.44 N | 82.14 3.94 -27.59 N | 86.61 6.78 0.03 N | 95.45 6.40 -17.53 N | 153.90 -5.39 -218.97 N | 143.13 4.87 -85.34 N | 143.52 7.96 -51.79 N | 144.28 11.21 -14.92 N | 144.13 11.21 -12.89 N | 144.54 10.30 -20.91 N | 138.62 8.43 -34.84 N | 141.70 11.23 -8.57 N | 138.15 10.31 -13.40 N | 140.17 8.09 -43.17 N | 143.19 8.20 -44.08 N | 134.39 9.82 -11.86 N | 127.74 9.80 0.00 N |
| RAVENSWOOD_GT3_2 24249 | 56.32 3.47 -12.89 N | 56.25 3.17 -13.20 N | 60.13 4.19 0.00 N | 42.82 2.74 0.00 N | 55.77 3.19 -3.41 N | 45.24 2.65 0.00 N | 91.02 5.09 -2.01 N | 85.54 3.28 -36.44 N | 82.14 3.94 -27.59 N | 86.61 6.78 0.03 N | 95.45 6.40 -17.53 N | 153.90 -5.39 -218.97 N | 143.13 4.87 -85.34 N | 143.52 7.96 -51.79 N | 144.28 11.21 -14.92 N | 144.13 11.21 -12.89 N | 144.54 10.30 -20.91 N | 138.62 8.43 -34.84 N | 141.70 11.23 -8.57 N | 138.15 10.31 -13.40 N | 140.17 8.09 -43.17 N | 143.19 8.20 -44.08 N | 134.39 9.82 -11.86 N | 127.74 9.80 0.00 N |
| RAVENSWOOD_GT3_3 24250 | 56.39 3.54 -12.89 N | 56.31 3.23 -13.20 N | 60.21 4.27 0.00 N | 42.87 2.80 0.00 N | 55.82 3.25 -3.41 N | 45.29 2.71 0.00 N | 91.16 5.22 -2.01 N | 85.61 3.35 -36.44 N | 82.21 4.01 -27.59 N | 86.74 6.91 0.03 N | 95.56 6.52 -17.53 N | 153.77 -5.52 -218.97 N | 143.24 4.97 -85.34 N | 143.67 8.11 -51.79 N | 144.48 11.42 -14.92 N | 144.32 11.40 -12.89 N | 144.74 10.51 -20.91 N | 138.78 8.59 -34.84 N | 141.91 11.44 -8.57 N | 138.36 10.52 -13.40 N | 140.34 8.26 -43.17 N | 143.37 8.37 -44.08 N | 134.57 10.01 -11.86 N | 127.93 9.99 0.00 N |
| RAVENSWOOD_GT3_4 24251 | 56.39 3.54 -12.89 N | 56.31 3.23 -13.20 N | 60.21 4.27 0.00 N | 42.87 2.80 0.00 N | 55.82 3.25 -3.41 N | 45.29 2.71 0.00 N | 91.16 5.22 -2.01 N | 85.61 3.35 -36.44 N | 82.21 4.01 -27.59 N | 86.74 6.91 0.03 N | 95.56 6.52 -17.53 N | 153.77 -5.52 -218.97 N | 143.24 4.97 -85.34 N | 143.67 8.11 -51.79 N | 144.48 11.42 -14.92 N | 144.32 11.40 -12.89 N | 144.74 10.51 -20.91 N | 138.78 8.59 -34.84 N | 141.91 11.44 -8.57 N | 138.36 10.52 -13.40 N | 140.34 8.26 -43.17 N | 143.37 8.37 -44.08 N | 134.57 10.01 -11.86 N | 127.93 9.99 0.00 N |
| RAVENSWOOD_GT_1 23729 | 56.52 3.66 -12.90 N | 56.43 3.35 -13.20 N | 60.36 4.41 0.00 N | 42.96 2.89 0.00 N | 55.93 3.35 -3.41 N | 45.39 2.80 0.00 N | 91.32 5.38 -2.01 N | 85.71 3.45 -36.44 N | 82.33 4.13 -27.59 N | 88.11 7.11 -1.15 N | 98.77 6.68 -20.57 N | 153.83 -5.46 -218.97 N | 143.34 5.07 -85.34 N | 143.82 8.26 -51.79 N | 144.66 11.59 -14.92 N | 144.50 11.58 -12.89 N | 144.91 10.68 -20.91 N | 138.93 8.74 -34.84 N | 142.06 11.59 -8.57 N | 138.49 10.64 -13.40 N | 140.41 8.33 -43.17 N | 143.46 8.46 -44.08 N | 134.73 10.16 -11.86 N | 128.20 10.26 0.00 N |
| RAVENSWOOD_GT_10 24258 | 56.32 3.46 -12.89 N | 56.25 3.16 -13.20 N | 60.13 4.18 0.00 N | 42.82 2.74 0.00 N | 55.74 3.17 -3.41 N | 45.24 2.65 0.00 N | 91.02 5.09 -2.01 N | 85.54 3.28 -36.44 N | 82.12 3.92 -27.59 N | 86.60 6.77 0.03 N | 95.43 6.38 -17.53 N | 153.89 -5.40 -218.97 N | 143.13 4.87 -85.34 N | 143.52 7.96 -51.79 N | 144.27 11.20 -14.92 N | 144.09 11.17 -12.89 N | 144.52 10.28 -20.91 N | 138.61 8.42 -34.84 N | 141.68 11.21 -8.57 N | 138.15 10.31 -13.40 N | 140.17 8.08 -43.17 N | 143.19 8.20 -44.08 N | 134.36 9.79 -11.86 N | 127.70 9.75 0.00 N |
| RAVENSWOOD_GT_11 24259 | 56.32 3.46 -12.89 N | 56.25 3.16 -13.20 N | 60.13 4.18 0.00 N | 42.82 2.74 0.00 N | 55.74 3.17 -3.41 N | 45.24 2.65 0.00 N | 91.02 5.09 -2.01 N | 85.54 3.28 -36.44 N | 82.12 3.92 -27.59 N | 86.60 6.77 0.03 N | 95.43 6.38 -17.53 N | 153.89 -5.40 -218.97 N | 143.13 4.87 -85.34 N | 143.52 7.96 -51.79 N | 144.27 11.20 -14.92 N | 144.09 11.17 -12.89 N | 144.52 10.28 -20.91 N | 138.61 8.42 -34.84 N | 141.68 11.21 -8.57 N | 138.15 10.31 -13.40 N | 140.17 8.08 -43.17 N | 143.19 8.20 -44.08 N | 134.36 9.79 -11.86 N | 127.70 9.75 0.00 N |
| RAVENSWOOD_GT_4 24252 | 56.29 3.43 -12.89 N | 56.23 3.15 -13.20 N | 60.09 4.14 0.00 N | 42.79 2.72 0.00 N | 55.73 3.15 -3.41 N | 45.21 2.63 0.00 N | 91.00 5.06 -2.01 N | 85.52 3.26 -36.44 N | 82.11 3.91 -27.59 N | 86.56 6.73 0.03 N | 95.40 6.35 -17.53 N | 153.87 -5.42 -218.97 N | 143.11 4.84 -85.34 N | 143.50 7.94 -51.79 N | 144.19 11.13 -14.92 N | 144.03 11.11 -12.89 N | 144.49 10.25 -20.91 N | 138.56 8.37 -34.84 N | 141.62 11.15 -8.57 N | 138.12 10.28 -13.40 N | 140.15 8.07 -43.17 N | 143.15 8.16 -44.08 N | 134.34 9.78 -11.86 N | 127.66 9.72 0.00 N |
| RAVENSWOOD_GT_5 24254 | 56.29 3.43 -12.89 N | 56.23 3.15 -13.20 N | 60.09 4.14 0.00 N | 42.79 2.72 0.00 N | 55.73 3.15 -3.41 N | 45.21 2.63 0.00 N | 91.00 5.06 -2.01 N | 85.52 3.26 -36.44 N | 82.11 3.91 -27.59 N | 86.56 6.73 0.03 N | 95.40 6.35 -17.53 N | 153.87 -5.42 -218.97 N | 143.11 4.84 -85.34 N | 143.50 7.94 -51.79 N | 144.19 11.13 -14.92 N | 144.03 11.11 -12.89 N | 144.49 10.25 -20.91 N | 138.56 8.37 -34.84 N | 141.62 11.15 -8.57 N | 138.12 10.28 -13.40 N | 140.15 8.07 -43.17 N | 143.15 8.16 -44.08 N | 134.34 9.78 -11.86 N | 127.66 9.72 0.00 N |
| RAVENSWOOD_GT_6 24253 | 56.29 3.43 -12.89 N | 56.23 3.15 -13.20 N | 60.09 4.14 0.00 N | 42.79 2.72 0.00 N | 55.73 3.15 -3.41 N | 45.21 2.63 0.00 N | 91.00 5.06 -2.01 N | 85.52 3.26 -36.44 N | 82.11 3.91 -27.59 N | 86.56 6.73 0.03 N | 95.40 6.35 -17.53 N | 153.87 -5.42 -218.97 N | 143.11 4.84 -85.34 N | 143.50 7.94 -51.79 N | 144.19 11.13 -14.92 N | 144.03 11.11 -12.89 N | 144.49 10.25 -20.91 N | 138.56 8.37 -34.84 N | 141.62 11.15 -8.57 N | 138.12 10.28 -13.40 N | 140.15 8.07 -43.17 N | 143.15 8.16 -44.08 N | 134.34 9.78 -11.86 N | 127.66 9.72 0.00 N |

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| RAVENSWOOD_GT_7 24255 | 56.29 3.43 -12.89 N | 56.23 3.15 -13.20 N | 60.09 4.14 0.00 N | 42.79 2.72 0.00 N | 55.73 3.15 -3.41 N | 45.21 2.63 0.00 N | 91.00 5.06 -2.01 N | 85.52 3.26 -36.44 N | 82.11 3.91 -27.59 N | 86.56 6.73 0.03 N | 95.40 6.35 -17.53 N | 153.87 -5.42 -218.97 N | 143.11 4.84 -85.34 N | 143.50 7.94 -51.79 N | 144.19 11.13 -14.92 N | 144.03 11.11 -12.89 N | 144.49 10.25 -20.91 N | 138.56 8.37 -34.84 N | 141.62 11.15 -8.57 N | 138.12 10.28 -13.40 N | 140.15 8.07 -43.17 N | 143.15 8.16 -44.08 N | 134.34 9.78 -11.86 N | 127.66 9.72 0.00 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 56.32 3.46 -12.89 N | 56.25 3.16 -13.20 N | 60.13 4.18 0.00 N | 42.82 2.74 0.00 N | 55.74 3.17 -3.41 N | 45.24 2.65 0.00 N | 91.02 5.09 -2.01 N | 85.54 3.28 -36.44 N | 82.12 3.92 -27.59 N | 86.60 6.77 0.03 N | 95.43 6.38 -17.53 N | 153.89 -5.40 -218.97 N | 143.13 4.87 -85.34 N | 143.52 7.96 -51.79 N | 144.27 11.20 -14.92 N | 144.09 11.17 -12.89 N | 144.52 10.28 -20.91 N | 138.61 8.42 -34.84 N | 141.68 11.21 -8.57 N | 138.15 10.31 -13.40 N | 140.17 8.08 -43.17 N | 143.19 8.20 -44.08 N | 134.36 9.79 -11.86 N | 127.70 9.75 0.00 N |
| RAVENSWOOD_GT_9 24257 | 56.32 3.46 -12.89 N | 56.25 3.16 -13.20 N | 60.13 4.18 0.00 N | 42.82 2.74 0.00 N | 55.74 3.17 -3.41 N | 45.24 2.65 0.00 N | 91.02 5.09 -2.01 N | 85.54 3.28 -36.44 N | 82.12 3.92 -27.59 N | 86.60 6.77 0.03 N | 95.43 6.38 -17.53 N | 153.89 -5.40 -218.97 N | 143.13 4.87 -85.34 N | 143.52 7.96 -51.79 N | 144.27 11.20 -14.92 N | 144.09 11.17 -12.89 N | 144.52 10.28 -20.91 N | 138.61 8.42 -34.84 N | 141.68 11.21 -8.57 N | 138.15 10.31 -13.40 N | 140.17 8.08 -43.17 N | 143.19 8.20 -44.08 N | 134.36 9.79 -11.86 N | 127.70 9.75 0.00 N |
| RAVENSWOOD___1 23533 | 56.49 3.63 -12.90 N | 56.40 3.32 -13.20 N | 60.34 4.39 0.00 N | 42.95 2.88 0.00 N | 55.91 3.33 -3.41 N | 45.36 2.78 0.00 N | 91.29 5.35 -2.01 N | 85.69 3.43 -36.44 N | 82.31 4.11 -27.59 N | 88.08 7.08 -1.15 N | 98.74 6.66 -20.57 N | 153.91 -5.38 -218.97 N | 143.29 5.03 -85.34 N | 143.77 8.20 -51.79 N | 144.62 11.56 -14.92 N | 144.47 11.55 -12.89 N | 144.85 10.61 -20.91 N | 138.87 8.67 -34.84 N | 141.99 11.52 -8.57 N | 138.45 10.60 -13.40 N | 140.36 8.28 -43.17 N | 143.40 8.40 -44.08 N | 134.69 10.12 -11.86 N | 128.12 10.18 0.00 N |
| RAVENSWOOD___2 23534 | 56.52 3.66 -12.90 N | 56.43 3.35 -13.20 N | 60.36 4.41 0.00 N | 42.96 2.89 0.00 N | 55.93 3.35 -3.41 N | 45.39 2.80 0.00 N | 91.32 5.38 -2.01 N | 85.71 3.45 -36.44 N | 82.33 4.13 -27.59 N | 88.11 7.11 -1.15 N | 98.77 6.68 -20.57 N | 153.83 -5.46 -218.97 N | 143.34 5.07 -85.34 N | 143.82 8.26 -51.79 N | 144.66 11.59 -14.92 N | 144.50 11.58 -12.89 N | 144.91 10.68 -20.91 N | 138.93 8.74 -34.84 N | 142.06 11.59 -8.57 N | 138.49 10.64 -13.40 N | 140.41 8.33 -43.17 N | 143.46 8.46 -44.08 N | 134.73 10.16 -11.86 N | 128.20 10.26 0.00 N |
| RAVENSWOOD___3 23535 | 56.33 3.47 -12.89 N | 56.26 3.18 -13.20 N | 60.14 4.19 0.00 N | 42.83 2.75 0.00 N | 55.77 3.19 -3.41 N | 45.24 2.65 0.00 N | 91.04 5.10 -2.01 N | 85.55 3.29 -36.44 N | 82.14 3.94 -27.59 N | 86.61 6.78 0.03 N | 95.45 6.41 -17.53 N | 153.90 -5.39 -218.97 N | 143.14 4.88 -85.34 N | 143.55 7.99 -51.79 N | 144.30 11.24 -14.92 N | 144.13 11.21 -12.89 N | 144.56 10.33 -20.91 N | 138.63 8.43 -34.84 N | 141.70 11.23 -8.57 N | 138.18 10.33 -13.40 N | 140.17 8.09 -43.17 N | 143.20 8.20 -44.08 N | 134.39 9.82 -11.86 N | 127.76 9.82 0.00 N |
| RAVENSWOOD___4 23820 | 56.47 3.62 -12.90 N | 56.39 3.31 -13.20 N | 60.31 4.36 0.00 N | 42.93 2.85 0.00 N | 55.88 3.30 -3.41 N | 45.35 2.77 0.00 N | 91.24 5.30 -2.01 N | 85.67 3.41 -36.44 N | 82.27 4.07 -27.59 N | 88.03 7.02 -1.15 N | 98.71 6.62 -20.57 N | 153.89 -5.40 -218.97 N | 143.29 5.02 -85.34 N | 143.74 8.18 -51.79 N | 144.54 11.48 -14.92 N | 144.38 11.46 -12.89 N | 144.80 10.57 -20.91 N | 138.83 8.64 -34.84 N | 141.95 11.48 -8.57 N | 138.41 10.56 -13.40 N | 140.34 8.26 -43.17 N | 143.38 8.39 -44.08 N | 134.64 10.08 -11.86 N | 128.06 10.12 0.00 N |
| RCPL_TRUST___DRP 24196 | 56.33 3.48 -12.89 N | 56.27 3.19 -13.20 N | 60.15 4.20 0.00 N | 42.84 2.76 0.00 N | 55.78 3.20 -3.41 N | 45.26 2.68 0.00 N | 91.09 5.15 -2.01 N | 85.57 3.31 -36.44 N | 82.17 3.97 -27.59 N | 86.65 6.83 0.03 N | 95.49 6.44 -17.53 N | 153.83 -5.46 -218.97 N | 143.18 4.92 -85.34 N | 143.60 8.04 -51.79 N | 144.40 11.34 -14.92 N | 144.25 11.33 -12.89 N | 144.68 10.44 -20.91 N | 138.72 8.53 -34.84 N | 141.82 11.35 -8.57 N | 138.28 10.44 -13.40 N | 140.26 8.18 -43.17 N | 143.27 8.28 -44.08 N | 134.46 9.90 -11.86 N | 127.80 9.86 0.00 N |
| RENSSELAER___COGEN 23796 | 58.49 2.21 -16.31 N | 58.76 2.18 -16.70 N | 59.02 3.07 0.00 N | 42.24 2.17 0.00 N | 56.11 2.63 -4.32 N | 44.85 2.26 0.00 N | 91.02 4.55 -2.54 N | 94.34 2.52 -46.00 N | 88.12 2.69 -34.83 N | 83.94 4.11 0.02 N | 76.32 3.83 -0.98 N | -50.86 -3.42 -12.24 N | 76.72 3.27 -20.52 N | 113.26 5.24 -24.25 N | 125.60 6.86 -0.60 N | 127.12 6.57 -0.52 N | 119.88 5.71 -0.84 N | 101.49 4.74 -1.40 N | 129.24 6.99 -0.35 N | 121.51 6.53 -0.54 N | 95.76 5.11 -1.74 N | 97.70 5.01 -1.77 N | 119.04 5.85 -0.48 N | 124.04 6.10 0.00 N |
| REVERE_CPPR_DRP 24186 | 40.53 0.57 0.00 N | 40.37 0.49 0.00 N | 56.45 0.51 0.00 N | 40.48 0.40 0.00 N | 49.72 0.56 0.00 N | 42.97 0.38 0.00 N | 84.83 0.90 0.00 N | 46.46 0.64 0.00 N | 51.52 0.91 0.00 N | 81.59 1.74 0.00 N | 73.37 1.85 0.00 N | -61.56 -1.89 0.00 N | 54.64 1.71 0.00 N | 86.63 2.86 0.00 N | 122.12 3.98 0.00 N | 124.22 4.18 0.00 N | 117.28 3.96 0.00 N | 98.45 3.10 0.00 N | 125.66 3.76 0.00 N | 117.99 3.55 0.00 N | 91.63 2.72 0.00 N | 93.78 2.87 0.00 N | 115.51 2.81 0.00 N | 120.59 2.65 0.00 N |
| ROCHESTER_9_IC 23652 | 38.91 -2.50 -1.45 N | 38.80 -2.57 -1.48 N | 52.12 -3.83 0.00 N | 37.38 -2.70 0.00 N | 46.23 -3.32 -0.38 N | 39.61 -2.97 0.00 N | 78.31 -5.83 -0.23 N | 46.88 -3.02 -4.08 N | 50.35 -3.35 -3.09 N | 71.99 -5.72 2.15 N | 67.05 -4.46 0.00 N | -56.78 2.90 0.00 N | 52.20 -2.19 -1.46 N | 82.34 -3.42 -1.99 N | 113.72 -4.42 0.00 N | 116.39 -3.64 0.00 N | 110.38 -2.94 0.00 N | 91.97 -3.38 0.00 N | 116.08 -5.82 0.00 N | 109.28 -5.16 0.00 N | 84.42 -4.49 0.00 N | 86.68 -4.23 0.00 N | 105.74 -6.97 0.00 N | 111.40 -6.54 0.00 N |
| ROSETON___1 23587 | 55.57 2.77 -12.83 N | 55.56 2.53 -13.14 N | 59.32 3.38 0.00 N | 42.34 2.27 0.00 N | 55.19 2.63 -3.40 N | 44.80 2.22 0.00 N | 90.21 4.28 -2.01 N | 84.81 2.71 -36.28 N | 81.28 3.20 -27.47 N | 85.27 5.45 0.03 N | 93.39 5.11 -16.75 N | 145.28 -4.32 -209.29 N | 139.00 3.99 -82.08 N | 140.53 6.55 -50.21 N | 141.63 9.23 -14.26 N | 141.55 9.20 -12.32 N | 141.70 8.39 -19.99 N | 135.52 6.87 -33.30 N | 139.37 9.28 -8.19 N | 135.75 8.50 -12.80 N | 136.86 6.69 -41.26 N | 139.77 6.72 -42.13 N | 132.01 7.97 -11.33 N | 125.86 7.91 0.00 N |
| ROSETON___2 23588 | 55.57 2.77 -12.83 N | 55.56 2.53 -13.14 N | 59.32 3.38 0.00 N | 42.34 2.27 0.00 N | 55.19 2.63 -3.40 N | 44.80 2.22 0.00 N | 90.21 4.28 -2.01 N | 84.81 2.71 -36.28 N | 81.28 3.20 -27.47 N | 85.27 5.45 0.03 N | 93.39 5.11 -16.75 N | 145.28 -4.32 -209.29 N | 139.00 3.99 -82.08 N | 140.53 6.55 -50.21 N | 141.63 9.23 -14.26 N | 141.55 9.20 -12.32 N | 141.70 8.39 -19.99 N | 135.52 6.87 -33.30 N | 139.37 9.28 -8.19 N | 135.75 8.50 -12.80 N | 136.86 6.69 -41.26 N | 139.77 6.72 -42.13 N | 132.01 7.97 -11.33 N | 125.86 7.91 0.00 N |
| RUSSELL___1 23602 | 39.58 -1.82 -1.43 N | 39.45 -1.90 -1.47 N | 53.01 -2.94 0.00 N | 37.99 -2.08 0.00 N | 46.98 -2.56 -0.38 N | 40.21 -2.37 0.00 N | 79.50 -4.65 -0.22 N | 47.57 -2.29 -4.04 N | 51.26 -2.41 -3.06 N | 73.63 -4.06 2.17 N | 68.71 -2.81 0.00 N | -58.27 1.40 0.00 N | 53.56 -0.81 -1.45 N | 84.61 -1.13 -1.97 N | 117.01 -1.14 0.00 N | 119.83 -0.20 0.00 N | 113.62 0.30 0.00 N | 94.68 -0.67 0.00 N | 119.39 -2.51 0.00 N | 112.24 -2.21 0.00 N | 86.79 -2.12 0.00 N | 89.23 -1.68 0.00 N | 108.57 -4.14 0.00 N | 113.94 -4.00 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 | N | N |
|-----------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|---|
| RUSSELL___2 23532 | 39.58 -1.82 -1.43 N | 39.45 -1.90 -1.47 N | 53.01 -2.94 0.00 N | 37.99 -2.08 0.00 N | 46.98 -2.56 -0.38 N | 40.21 -2.37 0.00 N | 79.50 -4.65 -0.22 N | 47.57 -2.29 -4.04 N | 51.26 -2.41 -3.06 N | 73.63 -4.06 2.17 N | 68.71 -2.81 0.00 N | -58.27 1.40 0.00 N | 53.56 -0.81 -1.45 N | 84.61 -1.13 -1.97 N | 117.01 -1.14 0.00 N | 119.83 -0.20 0.00 N | 113.62 0.30 0.00 N | 94.68 -0.67 0.00 N | 119.39 -2.51 0.00 N | 112.24 -2.21 0.00 N | 86.79 -2.12 0.00 N | 89.23 -1.68 0.00 N | 108.57 -4.14 0.00 N | 113.94 -4.00 0.00 N | |
| RUSSELL___3 23549 | 39.03 -2.38 -1.44 N | 38.93 -2.43 -1.48 N | 52.30 -3.65 0.00 N | 37.50 -2.57 0.00 N | 46.37 -3.17 -0.38 N | 39.72 -2.86 0.00 N | 78.53 -5.62 -0.23 N | 47.01 -2.89 -4.08 N | 50.53 -3.17 -3.09 N | 72.28 -5.42 2.15 N | 67.38 -4.14 0.00 N | -57.09 2.59 0.00 N | 52.47 -1.91 -1.46 N | 82.82 -2.94 -1.99 N | 114.41 -3.72 0.00 N | 117.11 -2.92 0.00 N | 111.06 -2.26 0.00 N | 92.53 -2.82 0.00 N | 116.76 -5.14 0.00 N | 109.89 -4.56 0.00 N | 84.92 -3.99 0.00 N | 87.22 -3.69 0.00 N | 106.29 -6.42 0.00 N | 111.90 -6.05 0.00 N | |
| RUSSELL___4 23556 | 39.57 -1.83 -1.43 N | 39.43 -1.92 -1.47 N | 52.99 -2.96 0.00 N | 37.97 -2.10 0.00 N | 46.95 -2.59 -0.38 N | 40.20 -2.38 0.00 N | 79.45 -4.69 -0.22 N | 47.54 -2.32 -4.04 N | 51.24 -2.43 -3.06 N | 73.60 -4.09 2.17 N | 68.67 -2.85 0.00 N | -58.20 1.48 0.00 N | 53.52 -0.85 -1.45 N | 84.55 -1.19 -1.97 N | 116.94 -1.21 0.00 N | 119.74 -0.29 0.00 N | 113.53 0.21 0.00 N | 94.60 -0.75 0.00 N | 119.32 -2.58 0.00 N | 112.19 -2.26 0.00 N | 86.74 -2.18 0.00 N | 89.18 -1.74 0.00 N | 108.50 -4.20 0.00 N | 113.87 -4.07 0.00 N | |
| RUSSELL___STATION 23914 | 39.03 -2.38 -1.44 N | 38.93 -2.43 -1.48 N | 52.30 -3.65 0.00 N | 37.50 -2.57 0.00 N | 46.37 -3.17 -0.38 N | 39.72 -2.86 0.00 N | 78.53 -5.62 -0.23 N | 47.01 -2.89 -4.08 N | 50.53 -3.17 -3.09 N | 72.28 -5.42 2.15 N | 67.38 -4.14 0.00 N | -57.09 2.59 0.00 N | 52.47 -1.91 -1.46 N | 82.82 -2.94 -1.99 N | 114.41 -3.72 0.00 N | 117.11 -2.92 0.00 N | 111.06 -2.26 0.00 N | 92.53 -2.82 0.00 N | 116.76 -5.14 0.00 N | 109.89 -4.56 0.00 N | 84.92 -3.99 0.00 N | 87.22 -3.69 0.00 N | 106.29 -6.42 0.00 N | 111.90 -6.05 0.00 N | |
| S SALMON___HYD 24043 | 40.17 -0.61 -0.81 N | 40.03 -0.69 -0.83 N | 54.85 -1.09 0.00 N | 39.30 -0.77 0.00 N | 48.45 -0.93 -0.22 N | 41.72 -0.86 0.00 N | 82.43 -1.62 -0.13 N | 47.33 -0.79 -2.30 N | 51.61 -0.74 -1.74 N | 78.92 -0.94 0.00 N | 70.95 -0.57 0.00 N | -59.47 0.21 0.00 N | 53.60 -0.14 -0.82 N | 84.74 -0.16 -1.12 N | 117.92 -0.22 0.00 N | 119.97 -0.06 0.00 N | 113.30 -0.02 0.00 N | 95.14 -0.21 0.00 N | 121.41 -0.49 0.00 N | 114.05 -0.39 0.00 N | 88.51 -0.40 0.00 N | 90.63 -0.29 0.00 N | 111.72 -0.99 0.00 N | 116.66 -1.28 0.00 N | |
| SELKIRK___II 23799 | 57.91 1.66 -16.29 N | 58.18 1.62 -16.68 N | 58.24 2.29 0.00 N | 41.69 1.61 0.00 N | 55.44 1.96 -4.31 N | 44.27 1.69 0.00 N | 89.76 3.30 -2.53 N | 93.51 1.87 -45.82 N | 87.31 2.01 -34.70 N | 82.78 2.95 0.03 N | 74.00 2.48 0.00 N | -61.72 -2.04 0.00 N | 71.37 1.99 -16.45 N | 109.46 3.27 -22.42 N | 122.81 4.67 0.00 N | 124.40 4.37 0.00 N | 117.05 3.73 0.00 N | 98.41 3.06 0.00 N | 126.53 4.62 0.00 N | 118.72 4.28 0.00 N | 92.25 3.34 0.00 N | 94.21 3.30 0.00 N | 116.50 3.80 0.00 N | 121.92 3.98 0.00 N | |
| SELKIRK___I 23801 | 58.18 2.00 -16.22 N | 58.46 1.97 -16.61 N | 58.73 2.79 0.00 N | 42.03 1.95 0.00 N | 55.87 2.41 -4.29 N | 44.65 2.07 0.00 N | 90.51 4.06 -2.53 N | 93.86 2.31 -45.73 N | 87.54 2.31 -34.62 N | 83.12 3.29 0.03 N | 74.25 2.74 0.00 N | -61.98 -2.30 0.00 N | 71.47 2.16 -16.38 N | 109.63 3.54 -22.32 N | 123.39 5.25 0.00 N | 124.95 4.91 0.00 N | 117.53 4.21 0.00 N | 98.78 3.43 0.00 N | 126.92 5.02 0.00 N | 119.06 4.62 0.00 N | 92.57 3.66 0.00 N | 94.53 3.61 0.00 N | 116.88 4.17 0.00 N | 122.70 4.76 0.00 N | |
| SENECA OSWGO___HYD 24041 | 39.95 -0.98 -0.96 N | 39.81 -1.06 -0.98 N | 54.35 -1.60 0.00 N | 38.95 -1.13 0.00 N | 48.04 -1.38 -0.25 N | 41.35 -1.23 0.00 N | 81.72 -2.36 -0.15 N | 47.32 -1.20 -2.71 N | 51.44 -1.22 -2.05 N | 77.96 -1.90 0.00 N | 70.04 -1.47 0.00 N | -58.77 0.90 0.00 N | 53.14 -0.76 -0.97 N | 83.96 -1.13 -1.32 N | 116.63 -1.51 0.00 N | 118.65 -1.39 0.00 N | 112.08 -1.25 0.00 N | 94.00 -1.35 0.00 N | 119.94 -1.96 0.00 N | 112.64 -1.81 0.00 N | 87.42 -1.49 0.00 N | 89.47 -1.45 0.00 N | 110.23 -2.47 0.00 N | 115.35 -2.59 0.00 N | |
| SENECA___ENERGY 23797 | 39.81 -1.67 -1.51 N | 39.83 -1.60 -1.55 N | 53.22 -2.73 0.00 N | 38.36 -1.71 0.00 N | 47.33 -2.23 -0.40 N | 40.55 -2.03 0.00 N | 80.35 -3.81 -0.24 N | 48.14 -1.94 -4.27 N | 51.76 -2.08 -3.23 N | 76.20 -3.70 -0.04 N | 68.78 -2.74 0.00 N | -58.26 1.42 0.00 N | 53.39 -1.06 -1.53 N | 84.22 -1.63 -2.08 N | 115.63 -2.52 0.00 N | 118.45 -1.58 0.00 N | 112.30 -1.03 0.00 N | 93.55 -1.80 0.00 N | 117.83 -4.07 0.00 N | 110.60 -3.84 0.00 N | 85.70 -3.22 0.00 N | 87.81 -3.10 0.00 N | 107.60 -5.10 0.00 N | 112.73 -5.21 0.00 N | |
| SHOEMAKER___GT 23640 | 54.23 2.45 -11.81 N | 54.21 2.23 -12.10 N | 58.89 2.94 0.00 N | 42.03 1.96 0.00 N | 54.58 2.29 -3.13 N | 44.51 1.93 0.00 N | 89.50 3.73 -1.85 N | 81.60 2.39 -33.40 N | 78.75 2.86 -25.29 N | 84.73 4.91 0.03 N | 90.78 4.61 -14.66 N | 119.46 -3.98 -183.11 N | 128.95 3.62 -72.41 N | 134.50 5.99 -44.73 N | 139.14 8.52 -12.48 N | 139.37 8.56 -10.78 N | 138.71 7.90 -17.49 N | 130.85 6.37 -29.14 N | 137.55 8.48 -7.16 N | 133.44 7.79 -11.20 N | 131.10 6.09 -36.10 N | 133.93 6.15 -36.86 N | 129.84 7.22 -9.91 N | 125.04 7.10 0.00 N | |
| SHOREHAM_IC_1 23715 | 138.12 5.54 -92.62 N | 58.57 5.11 -13.58 N | 62.56 6.70 0.09 N | 44.50 4.42 0.00 N | 57.63 5.05 -3.41 N | 47.01 4.43 0.00 N | 94.43 8.49 -2.01 N | 87.72 5.45 -36.45 N | 84.90 5.47 -28.82 N | 97.29 9.11 -8.33 N | 135.37 8.25 -55.61 N | 152.86 -6.49 -219.03 N | 143.47 4.55 -85.99 N | 143.60 8.02 -51.80 N | 144.44 11.37 -14.93 N | 144.16 11.23 -12.89 N | 144.99 9.98 -21.69 N | 138.73 8.53 -34.85 N | 142.10 11.63 -8.57 N | 138.86 11.08 -13.33 N | 140.46 8.23 -43.32 N | 143.24 8.24 -44.10 N | 136.17 11.23 -12.23 N | 129.14 11.20 0.00 N | |
| SHOREHAM_IC_2 23716 | 138.12 5.54 -92.62 N | 58.57 5.11 -13.58 N | 62.56 6.70 0.09 N | 44.50 4.42 0.00 N | 57.63 5.05 -3.41 N | 47.01 4.43 0.00 N | 94.43 8.49 -2.01 N | 87.72 5.45 -36.45 N | 84.90 5.47 -28.82 N | 97.29 9.11 -8.33 N | 135.37 8.25 -55.61 N | 152.86 -6.49 -219.03 N | 143.47 4.55 -85.99 N | 143.60 8.02 -51.80 N | 144.44 11.37 -14.93 N | 144.16 11.23 -12.89 N | 144.99 9.98 -21.69 N | 138.73 8.53 -34.85 N | 142.10 11.63 -8.57 N | 138.86 11.08 -13.33 N | 140.46 8.23 -43.32 N | 143.24 8.24 -44.10 N | 136.17 11.23 -12.23 N | 129.14 11.20 0.00 N | |
| SISSONVILLE___ 23735 | 39.92 -0.05 0.00 N | 39.91 0.03 0.00 N | 56.03 0.09 0.00 N | 40.17 0.09 0.00 N | 49.31 0.15 0.00 N | 42.73 0.15 0.00 N | 83.78 -0.14 0.00 N | 45.62 -0.19 0.00 N | 50.38 -0.23 0.00 N | 80.19 0.33 0.00 N | 71.59 0.08 0.00 N | -59.50 0.17 0.00 N | 52.32 -0.61 0.00 N | 82.53 -1.24 0.00 N | 115.83 -2.31 0.00 N | 117.15 -2.88 0.00 N | 111.03 -2.29 0.00 N | 94.29 -1.06 0.00 N | 120.21 -1.69 0.00 N | 113.24 -1.21 0.00 N | 87.90 -1.01 0.00 N | 90.11 -0.80 0.00 N | 112.29 -0.42 0.00 N | 117.58 -0.36 0.00 N | |
| SITHE_IND_GS1 | 39.39 | 39.30 | 53.92 | 38.65 | 47.61 | 41.03 | 81.01 | 46.44 | 50.56 | 77.02 | 69.16 | -57.99 | 52.28 | 82.62 | 115.09 | 117.08 | 110.62 | 92.85 | 118.39 | 111.17 | 86.28 | 88.29 | 108.98 | 114.19 | |

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| 24169 | -1.37 -0.79 N | -1.39 -0.81 N | -2.03 0.00 N | -1.43 0.00 N | -1.76 -0.21 N | -1.55 0.00 N | -3.04 -0.12 N | -1.61 -2.24 N | -1.74 -1.69 N | -2.84 0.00 N | -2.35 0.00 N | 1.69 0.00 N | -1.45 -0.80 N | -2.24 -1.09 N | -3.05 0.00 N | -2.95 0.00 N | -2.70 0.00 N | -2.50 0.00 N | -3.51 0.00 N | -3.27 0.00 N | -2.63 0.00 N | -2.62 0.00 N | -3.73 0.00 N | -3.76 0.00 N |
| SITHE_IND_GS2 24170 | 39.39 -1.37 -0.79 N | 39.30 -1.39 -0.81 N | 53.92 -2.03 0.00 N | 38.65 -1.43 0.00 N | 47.61 -1.76 -0.21 N | 41.03 -1.55 0.00 N | 81.01 -3.04 -0.12 N | 46.44 -1.61 -2.24 N | 50.56 -1.74 -1.69 N | 77.02 -2.84 0.00 N | 69.16 -2.35 0.00 N | -57.99 1.69 0.00 N | 52.28 -1.45 -0.80 N | 82.62 -2.24 -1.09 N | 115.09 -3.05 0.00 N | 117.08 -2.95 0.00 N | 110.62 -2.70 0.00 N | 92.85 -2.50 0.00 N | 118.39 -3.51 0.00 N | 111.17 -3.27 0.00 N | 86.28 -2.63 0.00 N | 88.29 -2.62 0.00 N | 108.98 -3.73 0.00 N | 114.19 -3.76 0.00 N |
| SITHE_IND_GS3 24171 | 39.39 -1.37 -0.79 N | 39.30 -1.39 -0.81 N | 53.92 -2.03 0.00 N | 38.65 -1.43 0.00 N | 47.61 -1.76 -0.21 N | 41.03 -1.55 0.00 N | 81.01 -3.04 -0.12 N | 46.44 -1.61 -2.24 N | 50.56 -1.74 -1.69 N | 77.02 -2.84 0.00 N | 69.16 -2.35 0.00 N | -57.99 1.69 0.00 N | 52.28 -1.45 -0.80 N | 82.62 -2.24 -1.09 N | 115.09 -3.05 0.00 N | 117.08 -2.95 0.00 N | 110.62 -2.70 0.00 N | 92.85 -2.50 0.00 N | 118.39 -3.51 0.00 N | 111.17 -3.27 0.00 N | 86.28 -2.63 0.00 N | 88.29 -2.62 0.00 N | 108.98 -3.73 0.00 N | 114.19 -3.76 0.00 N |
| SITHE_IND_GS4 24172 | 39.39 -1.37 -0.79 N | 39.30 -1.39 -0.81 N | 53.92 -2.03 0.00 N | 38.65 -1.43 0.00 N | 47.61 -1.76 -0.21 N | 41.03 -1.55 0.00 N | 81.01 -3.04 -0.12 N | 46.44 -1.61 -2.24 N | 50.56 -1.74 -1.69 N | 77.02 -2.84 0.00 N | 69.16 -2.35 0.00 N | -57.99 1.69 0.00 N | 52.28 -1.45 -0.80 N | 82.62 -2.24 -1.09 N | 115.09 -3.05 0.00 N | 117.08 -2.95 0.00 N | 110.62 -2.70 0.00 N | 92.85 -2.50 0.00 N | 118.39 -3.51 0.00 N | 111.17 -3.27 0.00 N | 86.28 -2.63 0.00 N | 88.29 -2.62 0.00 N | 108.98 -3.73 0.00 N | 114.19 -3.76 0.00 N |
| SITHE___BATAVIA 24024 | 38.17 -3.48 -1.68 N | 38.14 -3.46 -1.72 N | 50.87 -5.07 0.00 N | 36.51 -3.56 0.00 N | 45.21 -4.40 -0.44 N | 38.63 -3.96 0.00 N | 76.45 -7.74 -0.26 N | 46.46 -4.09 -4.74 N | 49.48 -4.71 -3.59 N | 69.58 -8.25 2.03 N | 65.02 -6.50 0.00 N | -55.55 4.13 0.00 N | 51.25 -3.37 -1.69 N | 80.83 -5.25 -2.31 N | 111.29 -6.86 0.00 N | 114.28 -5.75 0.00 N | 108.56 -4.76 0.00 N | 90.03 -5.32 0.00 N | 112.79 -9.11 0.00 N | 106.46 -7.99 0.00 N | 82.06 -6.85 0.00 N | 84.41 -6.50 0.00 N | 102.39 -10.32 0.00 N | 108.74 -9.20 0.00 N |
| SITHE___INDEPEND 23800 | 39.39 -1.37 -0.79 N | 39.30 -1.39 -0.81 N | 53.92 -2.03 0.00 N | 38.65 -1.43 0.00 N | 47.61 -1.76 -0.21 N | 41.03 -1.55 0.00 N | 81.01 -3.04 -0.12 N | 46.44 -1.61 -2.24 N | 50.56 -1.74 -1.69 N | 77.02 -2.84 0.00 N | 69.16 -2.35 0.00 N | -57.99 1.69 0.00 N | 52.28 -1.45 -0.80 N | 82.62 -2.24 -1.09 N | 115.09 -3.05 0.00 N | 117.08 -2.95 0.00 N | 110.62 -2.70 0.00 N | 92.85 -2.50 0.00 N | 118.39 -3.51 0.00 N | 111.17 -3.27 0.00 N | 86.28 -2.63 0.00 N | 88.29 -2.62 0.00 N | 108.98 -3.73 0.00 N | 114.19 -3.76 0.00 N |
| SITHE___MASSENA 23902 | 39.74 -0.22 0.00 N | 39.76 -0.12 0.00 N | 55.86 -0.09 0.00 N | 40.03 -0.04 0.00 N | 49.14 -0.03 0.00 N | 42.60 0.01 0.00 N | 83.81 -0.11 0.00 N | 45.60 -0.22 0.00 N | 50.36 -0.25 0.00 N | 79.57 -0.29 0.00 N | 71.02 -0.50 0.00 N | -58.94 0.74 0.00 N | 51.88 -1.04 0.00 N | 81.87 -1.90 0.00 N | 115.39 -2.75 0.00 N | 117.27 -2.76 0.00 N | 111.05 -2.27 0.00 N | 93.82 -1.53 0.00 N | 119.51 -2.40 0.00 N | 112.27 -2.18 0.00 N | 87.20 -1.71 0.00 N | 89.29 -1.62 0.00 N | 111.43 -1.28 0.00 N | 116.87 -1.07 0.00 N |
| SITHE___OGDNSBRG 24021 | 40.26 0.30 0.00 N | 40.26 0.38 0.00 N | 56.52 0.58 0.00 N | 40.51 0.43 0.00 N | 49.72 0.56 0.00 N | 43.10 0.52 0.00 N | 84.75 0.82 0.00 N | 46.14 0.32 0.00 N | 50.99 0.38 0.00 N | 80.83 0.97 0.00 N | 72.20 0.68 0.00 N | -59.89 -0.21 0.00 N | 52.71 -0.22 0.00 N | 83.15 -0.62 0.00 N | 117.06 -1.08 0.00 N | 118.81 -1.22 0.00 N | 112.53 -0.80 0.00 N | 95.19 -0.16 0.00 N | 121.30 -0.61 0.00 N | 114.01 -0.44 0.00 N | 88.58 -0.33 0.00 N | 90.74 -0.17 0.00 N | 113.22 0.51 0.00 N | 118.61 0.67 0.00 N |
| SITHE___STERLING 23777 | 40.53 0.24 -0.33 N | 40.39 0.17 -0.34 N | 56.02 0.07 0.00 N | 40.17 0.10 0.00 N | 49.45 0.20 -0.09 N | 42.63 0.05 0.00 N | 84.19 0.22 -0.05 N | 47.00 0.25 -0.93 N | 51.77 0.46 -0.71 N | 80.79 0.93 0.00 N | 72.66 1.14 0.00 N | -61.03 -1.35 0.00 N | 54.52 1.26 -0.34 N | 86.35 2.13 -0.45 N | 121.07 2.93 0.00 N | 123.20 3.16 0.00 N | 116.30 2.97 0.00 N | 97.60 2.25 0.00 N | 124.57 2.67 0.00 N | 116.96 2.51 0.00 N | 90.81 1.90 0.00 N | 92.92 2.01 0.00 N | 114.47 1.76 0.00 N | 119.55 1.61 0.00 N |
| SOUTH CAIRO___GT 23612 | 57.20 3.11 -14.12 N | 57.31 2.96 -14.46 N | 60.04 4.09 0.00 N | 42.91 2.83 0.00 N | 56.34 3.43 -3.74 N | 45.50 2.92 0.00 N | 91.93 5.75 -2.25 N | 90.03 3.44 -40.78 N | 85.39 3.91 -30.87 N | 86.13 6.30 0.03 N | 88.17 5.80 -10.85 N | 71.00 -4.83 -135.52 N | 116.45 4.50 -59.03 N | 131.61 7.32 -40.52 N | 137.81 10.42 -9.24 N | 138.45 10.43 -7.98 N | 135.91 9.64 -12.95 N | 124.81 7.89 -21.58 N | 138.08 10.87 -5.31 N | 132.81 10.06 -8.30 N | 123.52 7.88 -26.74 N | 126.13 7.92 -27.30 N | 129.17 9.12 -7.34 N | 126.91 8.97 0.00 N |
| SOUTH HAMPTN___IC 23720 | 139.02 6.43 -92.62 N | 59.34 5.89 -13.56 N | 63.58 7.72 0.09 N | 45.21 5.13 0.00 N | 58.51 5.94 -3.41 N | 47.74 5.16 0.00 N | 95.96 10.02 -2.01 N | 88.65 6.39 -36.45 N | 85.87 6.45 -28.82 N | 99.24 11.07 -8.31 N | 137.21 10.08 -55.61 N | 151.22 -8.13 -219.03 N | 145.03 6.12 -85.99 N | 146.11 10.53 -51.80 N | 147.88 14.81 -14.93 N | 147.62 14.69 -12.89 N | 148.22 13.21 -21.69 N | 141.36 11.15 -34.85 N | 145.38 14.91 -8.57 N | 141.95 14.18 -13.33 N | 142.77 10.54 -43.32 N | 145.48 10.47 -44.10 N | 138.91 13.96 -12.23 N | 131.95 14.00 0.00 N |
| SOUTHOLD___IC 23719 | 141.01 8.43 -92.62 N | 61.31 7.86 -13.57 N | 66.19 10.33 0.09 N | 47.01 6.93 0.00 N | 60.70 8.12 -3.41 N | 49.59 7.01 0.00 N | 99.70 13.76 -2.01 N | 90.85 8.58 -36.45 N | 87.62 8.19 -28.82 N | 102.74 14.57 -8.32 N | 140.50 13.38 -55.61 N | 148.26 -11.09 -219.03 N | 147.79 8.88 -85.99 N | 150.60 15.02 -51.80 N | 154.02 20.95 -14.93 N | 153.74 20.81 -12.89 N | 153.91 18.90 -21.69 N | 145.86 15.66 -34.85 N | 150.98 20.51 -8.57 N | 147.27 19.50 -13.33 N | 146.82 14.59 -43.32 N | 149.50 14.49 -44.10 N | 144.38 19.44 -12.23 N | 138.39 20.44 0.00 N |
| ST LAWRENCE___ 23600 | 39.38 -0.59 0.00 N | 39.41 -0.48 0.00 N | 55.37 -0.58 0.00 N | 39.69 -0.39 0.00 N | 48.70 -0.46 0.00 N | 42.22 -0.36 0.00 N | 83.10 -0.83 0.00 N | 45.22 -0.60 0.00 N | 49.92 -0.68 0.00 N | 78.77 -1.09 0.00 N | 70.30 -1.21 0.00 N | -58.35 1.33 0.00 N | 51.36 -1.56 0.00 N | 81.05 -2.72 0.00 N | 114.30 -3.85 0.00 N | 116.19 -3.84 0.00 N | 110.03 -3.29 0.00 N | 92.91 -2.44 0.00 N | 118.37 -3.53 0.00 N | 111.13 -3.31 0.00 N | 86.32 -2.59 0.00 N | 88.37 -2.55 0.00 N | 110.36 -2.35 0.00 N | 115.77 -2.18 0.00 N |
| STATION 5_MISC_HYD 23604 | 39.30 -2.09 -1.43 N | 39.27 -2.07 -1.46 N | 52.72 -3.23 0.00 N | 37.72 -2.35 0.00 N | 46.60 -2.94 -0.38 N | 39.86 -2.72 0.00 N | 78.59 -5.56 -0.22 N | 46.88 -2.97 -4.04 N | 50.39 -3.27 -3.05 N | 72.54 -5.15 2.17 N | 67.93 -3.59 0.00 N | -57.47 2.21 0.00 N | 53.25 -1.12 -1.44 N | 84.31 -1.43 -1.97 N | 116.78 -1.36 0.00 N | 119.71 -0.32 0.00 N | 113.53 0.21 0.00 N | 94.58 -0.77 0.00 N | 119.26 -2.65 0.00 N | 112.02 -2.42 0.00 N | 86.53 -2.38 0.00 N | 89.09 -1.82 0.00 N | 108.76 -3.95 0.00 N | 114.04 -3.90 0.00 N |

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| STEEL___WIND 323596 | 37.57 -4.38 -1.98 N | 37.58 -4.33 -2.03 N | 49.71 -6.24 0.00 N | 35.67 -4.41 0.00 N | 44.27 -5.41 -0.53 N | 37.73 -4.85 0.00 N | 74.84 -9.39 -0.31 N | 46.34 -5.08 -5.61 N | 48.92 -5.93 -4.24 N | 67.64 -10.38 1.83 N | 63.07 -8.44 0.00 N | -54.00 5.68 0.00 N | 50.19 -4.74 -2.01 N | 79.23 -7.27 -2.73 N | 108.45 -9.69 0.00 N | 111.64 -8.39 0.00 N | 106.12 -7.21 0.00 N | 87.67 -7.68 0.00 N | 109.79 -12.11 0.00 N | 103.67 -10.78 0.00 N | 79.84 -9.07 0.00 N | 82.02 -8.89 0.00 N | 99.61 -13.09 0.00 N | 106.16 -11.78 0.00 N |
| STURGEON_POOL_HYD 23609 | 56.18 3.07 -13.15 N | 56.13 2.78 -13.47 N | 59.67 3.72 0.00 N | 42.55 2.48 0.00 N | 55.53 2.89 -3.48 N | 45.04 2.46 0.00 N | 90.77 4.78 -2.07 N | 86.18 2.96 -37.41 N | 82.53 3.60 -28.32 N | 86.10 6.27 0.03 N | 91.06 5.91 -13.63 N | 105.68 -4.93 -170.29 N | 126.91 4.46 -69.53 N | 135.64 7.28 -44.58 N | 139.95 10.21 -11.60 N | 140.18 10.13 -10.02 N | 138.97 9.39 -16.26 N | 130.14 7.70 -27.09 N | 138.75 10.19 -6.66 N | 134.19 9.32 -10.41 N | 130.05 7.58 -33.56 N | 132.87 7.69 -34.27 N | 131.01 9.09 -9.22 N | 126.87 8.93 0.00 N |
| SYRACUSE___ENERGY_ST1 323597 | 40.44 -0.72 -1.19 N | 40.36 -0.74 -1.22 N | 54.74 -1.21 0.00 N | 39.27 -0.81 0.00 N | 48.45 -1.03 -0.32 N | 41.64 -0.94 0.00 N | 82.33 -1.78 -0.19 N | 48.31 -0.87 -3.36 N | 52.26 -0.90 -2.55 N | 78.47 -1.41 -0.03 N | 70.53 -0.99 0.00 N | -59.30 0.38 0.00 N | 53.86 -0.27 -1.20 N | 85.10 -0.31 -1.64 N | 117.71 -0.44 0.00 N | 119.85 -0.19 0.00 N | 113.24 -0.08 0.00 N | 94.93 -0.42 0.00 N | 120.96 -0.94 0.00 N | 113.61 -0.84 0.00 N | 88.15 -0.76 0.00 N | 90.25 -0.67 0.00 N | 111.15 -1.56 0.00 N | 116.36 -1.58 0.00 N |
| SYRACUSE___ENERGY_ST2 323598 | 40.44 -0.72 -1.19 N | 40.36 -0.74 -1.22 N | 54.74 -1.21 0.00 N | 39.27 -0.81 0.00 N | 48.45 -1.03 -0.32 N | 41.64 -0.94 0.00 N | 82.33 -1.78 -0.19 N | 48.31 -0.87 -3.36 N | 52.26 -0.90 -2.55 N | 78.47 -1.41 -0.03 N | 70.53 -0.99 0.00 N | -59.30 0.38 0.00 N | 53.86 -0.27 -1.20 N | 85.10 -0.31 -1.64 N | 117.71 -0.44 0.00 N | 119.85 -0.19 0.00 N | 113.24 -0.08 0.00 N | 94.93 -0.42 0.00 N | 120.96 -0.94 0.00 N | 113.61 -0.84 0.00 N | 88.15 -0.76 0.00 N | 90.25 -0.67 0.00 N | 111.15 -1.56 0.00 N | 116.36 -1.58 0.00 N |
| SYRACUSE___POWER 24017 | 40.48 -0.64 -1.15 N | 40.39 -0.67 -1.18 N | 54.81 -1.15 0.00 N | 39.32 -0.76 0.00 N | 48.51 -0.95 -0.30 N | 41.68 -0.90 0.00 N | 82.41 -1.69 -0.18 N | 48.23 -0.83 -3.24 N | 52.26 -0.80 -2.46 N | 78.63 -1.23 0.00 N | 70.73 -0.79 0.00 N | -59.48 0.20 0.00 N | 53.99 -0.09 -1.16 N | 85.37 0.02 -1.58 N | 118.15 0.01 0.00 N | 120.25 0.21 0.00 N | 113.60 0.28 0.00 N | 95.22 -0.13 0.00 N | 121.42 -0.48 0.00 N | 113.98 -0.47 0.00 N | 88.48 -0.43 0.00 N | 90.54 -0.37 0.00 N | 111.50 -1.21 0.00 N | 116.63 -1.31 0.00 N |
| Stony___Brook 24151 | 137.87 5.27 -92.63 N | 58.25 4.77 -13.60 N | 62.11 6.25 0.09 N | 44.18 4.10 0.00 N | 57.23 4.66 -3.41 N | 46.69 4.11 0.00 N | 93.83 7.89 -2.01 N | 87.36 5.09 -36.45 N | 84.93 5.50 -28.82 N | 97.72 9.51 -8.35 N | 135.63 8.51 -55.61 N | 152.83 -6.52 -219.03 N | 143.44 4.53 -85.99 N | 143.12 7.55 -51.80 N | 143.77 10.70 -14.93 N | 143.54 10.61 -12.89 N | 144.44 9.43 -21.69 N | 138.29 8.09 -34.85 N | 141.56 11.08 -8.57 N | 138.46 10.69 -13.33 N | 140.15 7.92 -43.32 N | 142.99 7.98 -44.10 N | 136.54 11.60 -12.23 N | 129.55 11.61 0.00 N |
| UNION___PROCESSING_DRP 323587 | 38.66 -2.77 -1.46 N | 38.60 -2.78 -1.49 N | 51.84 -4.11 0.00 N | 37.20 -2.88 0.00 N | 46.01 -3.54 -0.39 N | 39.42 -3.16 0.00 N | 77.89 -6.26 -0.23 N | 46.64 -3.30 -4.11 N | 50.02 -3.70 -3.12 N | 71.37 -6.34 2.15 N | 66.47 -5.05 0.00 N | -56.33 3.35 0.00 N | 51.75 -2.65 -1.47 N | 81.65 -4.12 -2.01 N | 112.71 -5.43 0.00 N | 115.34 -4.69 0.00 N | 109.39 -3.93 0.00 N | 91.17 -4.18 0.00 N | 115.01 -6.90 0.00 N | 108.26 -6.19 0.00 N | 83.63 -5.28 0.00 N | 85.87 -5.05 0.00 N | 104.79 -7.92 0.00 N | 110.52 -7.42 0.00 N |
| UPPER HUDSON___HYD 24058 | 58.86 1.91 -16.98 N | 59.14 1.87 -17.39 N | 58.66 2.72 0.00 N | 42.02 1.94 0.00 N | 55.95 2.30 -4.50 N | 44.59 2.00 0.00 N | 91.04 4.46 -2.65 N | 96.37 2.65 -47.90 N | 89.81 2.93 -36.27 N | 83.62 3.77 0.00 N | 76.54 3.69 -1.33 N | -46.42 -3.31 -16.56 N | 78.33 2.78 -22.62 N | 113.98 4.29 -25.91 N | 124.88 5.68 -1.06 N | 125.24 4.29 -0.92 N | 118.26 3.44 -1.49 N | 102.09 4.25 -2.48 N | 129.70 7.19 -0.61 N | 122.85 7.45 -0.95 N | 97.84 5.86 -3.07 N | 99.70 5.65 -3.14 N | 120.16 6.61 -0.85 N | 124.28 6.34 0.00 N |
| UPPER RAQUET___HYD 24056 | 39.92 -0.05 0.00 N | 39.91 0.03 0.00 N | 56.03 0.09 0.00 N | 40.17 0.09 0.00 N | 49.31 0.15 0.00 N | 42.73 0.15 0.00 N | 83.78 -0.14 0.00 N | 45.62 -0.19 0.00 N | 50.38 -0.23 0.00 N | 80.19 0.33 0.00 N | 71.59 0.08 0.00 N | -59.50 0.17 0.00 N | 52.32 -0.61 0.00 N | 82.53 -1.24 0.00 N | 115.83 -2.31 0.00 N | 117.15 -2.88 0.00 N | 111.03 -2.29 0.00 N | 94.29 -1.06 0.00 N | 120.21 -1.69 0.00 N | 113.24 -1.21 0.00 N | 87.90 -1.01 0.00 N | 90.11 -0.80 0.00 N | 112.29 -0.42 0.00 N | 117.58 -0.36 0.00 N |
| VISCHER___FERRY HYD 24020 | 58.87 2.46 -16.44 N | 59.13 2.41 -16.84 N | 59.38 3.43 0.00 N | 42.51 2.43 0.00 N | 56.45 2.93 -4.36 N | 45.12 2.53 0.00 N | 91.81 5.32 -2.56 N | 95.24 3.03 -46.39 N | 89.04 3.31 -35.13 N | 84.76 4.92 0.02 N | 76.96 4.50 -0.94 N | -51.87 -4.00 -11.81 N | 77.19 3.75 -20.52 N | 114.18 5.99 -24.41 N | 126.91 8.10 -0.66 N | 128.19 7.59 -0.57 N | 120.72 6.47 -0.92 N | 102.47 5.58 -1.54 N | 130.66 8.38 -0.38 N | 122.90 7.86 -0.59 N | 97.01 6.20 -1.90 N | 98.88 6.02 -1.94 N | 120.36 7.13 -0.52 N | 125.28 7.34 0.00 N |
| WADING RIVER_IC_1 23522 | 138.06 5.48 -92.61 N | 58.48 5.05 -13.55 N | 62.47 6.62 0.09 N | 44.43 4.35 0.00 N | 57.57 4.99 -3.41 N | 46.95 4.37 0.00 N | 94.30 8.36 -2.01 N | 87.64 5.38 -36.45 N | 84.85 5.42 -28.82 N | 97.21 9.05 -8.30 N | 135.32 8.19 -55.61 N | 152.95 -6.40 -219.03 N | 143.44 4.53 -85.99 N | 143.54 7.96 -51.80 N | 144.34 11.27 -14.93 N | 144.08 11.15 -12.89 N | 144.94 9.93 -21.69 N | 138.69 8.49 -34.85 N | 141.99 11.52 -8.57 N | 138.76 10.98 -13.33 N | 140.38 8.15 -43.32 N | 143.17 8.16 -44.10 N | 136.06 11.12 -12.23 N | 129.05 11.11 0.00 N |
| WADING RIVER_IC_2 23547 | 138.06 5.48 -92.61 N | 58.48 5.05 -13.55 N | 62.47 6.62 0.09 N | 44.43 4.35 0.00 N | 57.57 4.99 -3.41 N | 46.95 4.37 0.00 N | 94.30 8.36 -2.01 N | 87.64 5.38 -36.45 N | 84.85 5.42 -28.82 N | 97.21 9.05 -8.30 N | 135.32 8.19 -55.61 N | 152.95 -6.40 -219.03 N | 143.44 4.53 -85.99 N | 143.54 7.96 -51.80 N | 144.34 11.27 -14.93 N | 144.08 11.15 -12.89 N | 144.94 9.93 -21.69 N | 138.69 8.49 -34.85 N | 141.99 11.52 -8.57 N | 138.76 10.98 -13.33 N | 140.38 8.15 -43.32 N | 143.17 8.16 -44.10 N | 136.06 11.12 -12.23 N | 129.05 11.11 0.00 N |
| WADING RIVER_IC_3 23601 | 138.06 5.48 -92.61 N | 58.48 5.05 -13.55 N | 62.47 6.62 0.09 N | 44.43 4.35 0.00 N | 57.57 4.99 -3.41 N | 46.95 4.37 0.00 N | 94.30 8.36 -2.01 N | 87.64 5.38 -36.45 N | 84.85 5.42 -28.82 N | 97.21 9.05 -8.30 N | 135.32 8.19 -55.61 N | 152.95 -6.40 -219.03 N | 143.44 4.53 -85.99 N | 143.54 7.96 -51.80 N | 144.34 11.27 -14.93 N | 144.08 11.15 -12.89 N | 144.94 9.93 -21.69 N | 138.69 8.49 -34.85 N | 141.99 11.52 -8.57 N | 138.76 10.98 -13.33 N | 140.38 8.15 -43.32 N | 143.17 8.16 -44.10 N | 136.06 11.12 -12.23 N | 129.05 11.11 0.00 N |
| WALDEN___HYDRO 24148 | 55.48 2.94 -12.58 N | 55.38 2.62 -12.88 N | 59.38 3.43 0.00 N | 42.32 2.24 0.00 N | 55.06 2.56 -3.33 N | 44.73 2.15 0.00 N | 90.05 4.15 -1.97 N | 84.08 2.67 -35.60 N | 80.85 3.29 -26.95 N | 85.62 5.80 0.03 N | 91.82 5.54 -14.77 N | 120.03 -4.75 -184.46 N | 130.90 4.35 -73.63 N | 136.88 7.12 -45.99 N | 140.80 10.09 -12.57 N | 141.09 10.20 -10.85 N | 140.48 9.55 -17.61 N | 132.49 7.81 -29.34 N | 139.39 10.27 -7.21 N | 135.04 9.31 -11.28 N | 132.57 7.31 -36.35 N | 135.45 7.42 -37.12 N | 131.39 8.70 -9.98 N | 126.42 8.48 0.00 N |

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