

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

04/07/2008

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|---------------------|--------|--------|--------|--------|-------|-------|-------|--------|---------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|---------|--------|--------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 56.61 | 78.07 | 95.19 | 69.76 | 60.75 | 61.67 | 93.98 | 104.51 | 97.24 | 94.16 | 115.36 | 124.66 | 111.84 | 119.88 | 103.69 | 97.52 | 79.28 | 89.92 | 134.27 | 182.09 | 90.33 | 86.27 | 71.87 | 63.73 |
| 24138 | 3.52 | 5.42 | 4.23 | 4.01 | 4.73 | 5.11 | 8.57 | 10.81 | -4.77 | 7.70 | 7.24 | 9.08 | 10.12 | 9.01 | 11.02 | 9.49 | 8.57 | 9.30 | 8.27 | 6.66 | 8.71 | 8.36 | 6.85 | 5.73 |
| | -16.06 | -12.12 | -41.21 | -17.30 | 0.00 | 0.00 | 0.00 | 0.00 | -124.66 | -27.97 | -50.55 | -43.93 | -23.42 | -41.89 | -8.37 | -15.82 | -3.91 | -10.14 | -61.52 | -122.59 | -10.67 | -11.50 | -5.04 | -4.34 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 74TH STREET_GT_1 | 56.62 | 78.08 | 95.20 | 69.78 | 60.76 | 61.68 | 93.99 | 104.51 | 97.26 | 94.16 | 115.35 | 124.62 | 111.82 | 119.86 | 103.68 | 97.51 | 79.28 | 89.92 | 134.27 | 182.08 | 90.35 | 86.29 | 71.90 | 63.76 |
| 24260 | 3.53 | 5.42 | 4.24 | 4.02 | 4.74 | 5.12 | 8.58 | 10.81 | -4.75 | 7.70 | 7.22 | 9.05 | 10.11 | 8.99 | 11.00 | 9.48 | 8.57 | 9.29 | 8.27 | 6.65 | 8.73 | 8.38 | 6.88 | 5.76 |
| | -16.06 | -12.12 | -41.22 | -17.30 | 0.00 | 0.00 | 0.00 | 0.00 | -124.66 | -27.97 | -50.55 | -43.94 | -23.43 | -41.89 | -8.37 | -15.82 | -3.91 | -10.14 | -61.52 | -122.60 | -10.67 | -11.50 | -5.04 | -4.34 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 74TH STREET_GT_2 | 56.62 | 78.08 | 95.20 | 69.78 | 60.76 | 61.68 | 93.99 | 104.51 | 97.26 | 94.16 | 115.35 | 124.62 | 111.82 | 119.86 | 103.68 | 97.51 | 79.28 | 89.92 | 134.27 | 182.08 | 90.35 | 86.29 | 71.90 | 63.76 |
| 24261 | 3.53 | 5.42 | 4.24 | 4.02 | 4.74 | 5.12 | 8.58 | 10.81 | -4.75 | 7.70 | 7.22 | 9.05 | 10.11 | 8.99 | 11.00 | 9.48 | 8.57 | 9.29 | 8.27 | 6.65 | 8.73 | 8.38 | 6.88 | 5.76 |
| | -16.06 | -12.12 | -41.22 | -17.30 | 0.00 | 0.00 | 0.00 | 0.00 | -124.66 | -27.97 | -50.55 | -43.94 | -23.43 | -41.89 | -8.37 | -15.82 | -3.91 | -10.14 | -61.52 | -122.60 | -10.67 | -11.50 | -5.04 | -4.34 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK HUDSON__FALLS | 58.39 | 77.58 | 104.63 | 72.13 | 57.40 | 58.23 | 87.75 | 96.84 | 100.22 | 61.71 | 43.99 | 85.26 | 73.50 | 63.39 | 84.48 | 72.13 | 67.51 | 69.56 | 47.40 | 17.13 | 69.58 | 82.63 | 67.73 | 60.31 |
| 24011 | 0.48 | 1.29 | 1.30 | 1.19 | 1.37 | 1.66 | 2.34 | 3.15 | -1.43 | 1.43 | 1.39 | 2.02 | 2.14 | 1.98 | 2.66 | 2.36 | 1.89 | 2.12 | 1.41 | 1.14 | 1.83 | 2.44 | 1.71 | 1.45 |
| | -20.87 | -15.76 | -53.58 | -22.49 | 0.00 | 0.00 | 0.00 | 0.00 | -124.29 | -1.78 | 14.97 | -11.60 | 6.94 | 7.58 | 2.49 | 2.43 | 1.17 | 3.05 | 18.48 | 36.83 | 3.21 | -13.78 | -6.04 | -5.20 |
| | 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 | 58.39 | 77.58 | 104.63 | 72.13 | 57.40 | 58.23 | 87.75 | 96.84 | 100.22 | 61.71 | 43.99 | 85.26 | 73.50 | 63.39 | 84.48 | 72.13 | 67.51 | 69.56 | 47.40 | 17.13 | 69.58 | 82.63 | 67.73 | 60.31 |
| 23798 | 0.48 | 1.29 | 1.30 | 1.19 | 1.37 | 1.66 | 2.34 | 3.15 | -1.43 | 1.43 | 1.39 | 2.02 | 2.14 | 1.98 | 2.66 | 2.36 | 1.89 | 2.12 | 1.41 | 1.14 | 1.83 | 2.44 | 1.71 | 1.45 |
| | -20.87 | -15.76 | -53.58 | -22.49 | 0.00 | 0.00 | 0.00 | 0.00 | -124.29 | -1.78 | 14.97 | -11.60 | 6.94 | 7.58 | 2.49 | 2.43 | 1.17 | 3.05 | 18.48 | 36.83 | 3.21 | -13.78 | -6.04 | -5.20 |
| | 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 | 58.39 | 77.58 | 104.63 | 72.13 | 57.40 | 58.23 | 87.75 | 96.84 | 100.22 | 61.71 | 43.99 | 85.26 | 73.50 | 63.39 | 84.48 | 72.13 | 67.51 | 69.56 | 47.40 | 17.13 | 69.58 | 82.63 | 67.73 | 60.31 |
| 24028 | 0.48 | 1.29 | 1.30 | 1.19 | 1.37 | 1.66 | 2.34 | 3.15 | -1.43 | 1.43 | 1.39 | 2.02 | 2.14 | 1.98 | 2.66 | 2.36 | 1.89 | 2.12 | 1.41 | 1.14 | 1.83 | 2.44 | 1.71 | 1.45 |
| | -20.87 | -15.76 | -53.58 | -22.49 | 0.00 | 0.00 | 0.00 | 0.00 | -124.29 | -1.78 | 14.97 | -11.60 | 6.94 | 7.58 | 2.49 | 2.43 | 1.17 | 3.05 | 18.48 | 36.83 | 3.21 | -13.78 | -6.04 | -5.20 |
| | 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 | 59.08 | 79.16 | 104.18 | 72.67 | 58.92 | 59.59 | 89.49 | 98.74 | 99.70 | 62.34 | 43.30 | 85.42 | 74.80 | 63.87 | 86.58 | 73.41 | 69.11 | 70.98 | 46.33 | 13.08 | 70.70 | 84.03 | 69.29 | 61.84 |
| 23527 | 1.81 | 3.36 | 2.51 | 2.43 | 2.90 | 3.03 | 4.08 | 5.04 | -2.17 | 2.87 | 2.74 | 3.78 | 4.39 | 3.99 | 5.11 | 4.32 | 3.66 | 3.99 | 3.12 | 2.62 | 3.43 | 4.19 | 3.42 | 3.11 |
| | -20.23 | -15.27 | -51.92 | -21.79 | 0.00 | 0.00 | 0.00 | 0.00 | -124.52 | -0.98 | 17.01 | -10.00 | 7.88 | 9.11 | 2.83 | 3.12 | 1.35 | 3.50 | 21.26 | 42.37 | 3.69 | -13.43 | -5.89 | -5.07 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| AIR_PRODUCTS__DRP | 58.18 | 77.26 | 102.70 | 71.28 | 57.55 | 58.33 | 87.58 | 96.21 | 100.60 | 60.23 | 40.11 | 82.48 | 71.56 | 60.35 | 83.72 | 70.80 | 67.48 | 69.01 | 41.52 | 4.65 | 69.18 | 82.36 | 67.92 | 60.57 |
| 24190 | 0.90 | 1.45 | 1.00 | 1.02 | 1.53 | 1.78 | 2.17 | 2.51 | -1.33 | 1.70 | 1.89 | 2.12 | 2.24 | 2.25 | 2.68 | 2.61 | 2.28 | 2.66 | 2.17 | 1.91 | 2.59 | 2.52 | 2.05 | 1.84 |
| | -20.24 | -15.28 | -51.96 | -21.81 | 0.00 | 0.00 | 0.00 | 0.00 | -124.57 | -0.04 | 19.36 | -8.72 | 8.97 | 10.88 | 3.26 | 4.03 | 1.60 | 4.14 | 25.13 | 50.09 | 4.36 | -13.43 | -5.89 | -5.06 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY__1 | 58.18 | 77.26 | 102.70 | 71.28 | 57.55 | 58.33 | 87.58 | 96.21 | 100.60 | 60.23 | 40.11 | 82.48 | 71.56 | 60.35 | 83.72 | 70.80 | 67.48 | 69.01 | 41.52 | 4.65 | 69.18 | 82.36 | 67.92 | 60.57 |
| 23571 | 0.90 | 1.45 | 1.00 | 1.02 | 1.53 | 1.78 | 2.17 | 2.51 | -1.33 | 1.70 | 1.89 | 2.12 | 2.24 | 2.25 | 2.68 | 2.61 | 2.28 | 2.66 | 2.17 | 1.91 | 2.59 | 2.52 | 2.05 | 1.84 |
| | -20.24 | -15.28 | -51.96 | -21.81 | 0.00 | 0.00 | 0.00 | 0.00 | -124.57 | -0.04 | 19.36 | -8.72 | 8.97 | 10.88 | 3.26 | 4.03 | 1.60 | 4.14 | 25.13 | 50.09 | 4.36 | -13.43 | -5.89 | -5.06 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY__2 | 58.18 | 77.26 | 102.70 | 71.28 | 57.55 | 58.33 | 87.58 | 96.21 | 100.60 | 60.23 | 40.11 | 82.48 | 71.56 | 60.35 | 83.72 | 70.80 | 67.48 | 69.01 | 41.52 | 4.65 | 69.18 | 82.36 | 67.92 | 60.57 |
| 23572 | 0.90 | 1.45 | 1.00 | 1.02 | 1.53 | 1.78 | 2.17 | 2.51 | -1.33 | 1.70 | 1.89 | 2.12 | 2.24 | 2.25 | 2.68 | 2.61 | 2.28 | 2.66 | 2.17 | 1.91 | 2.59 | 2.52 | 2.05 | 1.84 |
| | -20.24 | -15.28 | -51.96 | -21.81 | 0.00 | 0.00 | 0.00 | 0.00 | -124.57 | -0.04 | 19.36 | -8.72 | 8.97 | 10.88 | 3.26 | 4.03 | 1.60 | 4.14 | 25.13 | 50.09 | 4.36 | -13.43 | -5.89 | -5.06 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY__3 | 58.18 | 77.26 | 102.70 | 71.28 | 57.55 | 58.33 | 87.58 | 96.21 | 100.60 | 60.23 | 40.11 | 82.48 | 71.56 | 60.35 | 83.72 | 70.80 | 67.48 | 69.01 | 41.52 | 4.65 | 69.18 | 82.36 | 67.92 | 60.57 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|
| 23573 | 0.90 -20.24 N | 1.45 -15.28 N | 1.00 -51.96 N | 1.02 -21.81 N | 1.53 0.00 N | 1.78 0.00 N | 2.17 0.00 N | 2.51 0.00 N | -1.33 -124.57 N | 1.70 -0.04 N | 1.89 19.36 N | 2.12 -8.72 N | 2.24 8.97 N | 2.25 10.88 N | 2.68 3.26 N | 2.61 4.03 N | 2.28 1.60 N | 2.66 4.14 N | 2.17 25.13 N | 1.91 50.09 N | 2.59 4.36 N | 2.52 -13.43 N | 2.05 -5.89 N | 1.84 -5.06 N |
| ALBANY____4 23574 | 58.18 0.90 -20.24 N | 77.26 1.45 -15.28 N | 102.70 1.00 -51.96 N | 71.28 1.02 -21.81 N | 57.55 1.53 0.00 N | 58.33 1.78 0.00 N | 87.58 2.17 0.00 N | 96.21 2.51 0.00 N | 100.60 -1.33 -124.57 N | 60.23 1.70 -0.04 N | 40.11 1.89 19.36 N | 82.48 2.12 -8.72 N | 71.56 2.24 8.97 N | 60.35 2.25 10.88 N | 83.72 2.68 3.26 N | 70.80 2.61 4.03 N | 67.48 2.28 1.60 N | 69.01 2.66 4.14 N | 41.52 2.17 25.13 N | 4.65 1.91 50.09 N | 69.18 2.59 4.36 N | 82.36 2.52 -13.43 N | 67.92 2.05 -5.89 N | 60.57 1.84 -5.06 N |
| ALCOA_RYNLDS____DRP 24188 | 35.43 -1.61 0.00 N | 57.97 -2.57 0.00 N | 47.78 -1.97 0.00 N | 46.62 -1.83 0.00 N | 53.80 -2.22 0.00 N | 54.25 -2.31 0.00 N | 82.10 -3.31 0.00 N | 89.29 -4.41 0.00 N | 9.55 0.78 -31.42 N | 57.93 -2.48 -1.92 N | 55.38 -2.19 0.00 N | 69.07 -2.58 0.00 N | 75.53 -2.76 -2.51 N | 67.41 -2.77 -2.40 N | 81.53 -2.77 -2.40 N | 69.82 -2.40 0.00 N | 64.69 -2.11 0.00 N | 68.26 -2.23 0.00 N | 62.51 -1.97 0.00 N | 51.11 -1.72 0.00 N | 68.69 -2.27 0.00 N | 64.15 -2.26 0.00 N | 58.06 -1.92 0.00 N | 52.05 -1.61 0.00 N |
| ALLEGHENY____COGEN 23514 | 39.84 0.07 -2.73 N | 62.26 -0.33 -2.06 N | 56.16 -0.58 -7.00 N | 50.71 -0.69 -2.94 N | 55.81 -0.21 0.00 N | 56.71 0.15 0.00 N | 86.62 1.21 0.00 N | 96.20 2.50 0.00 N | 83.56 0.11 -106.10 N | 70.28 1.70 -10.09 N | 68.10 1.57 -8.96 N | 81.48 2.03 -7.81 N | 84.53 2.09 -4.15 N | 80.49 1.57 -9.94 N | 87.08 1.30 -1.48 N | 75.64 0.63 -2.81 N | 68.06 0.57 -0.69 N | 73.06 0.78 -1.80 N | 76.43 1.06 -10.90 N | 75.88 1.34 -21.71 N | 75.39 2.54 -1.89 N | 69.81 1.35 -2.05 N | 61.78 0.89 -0.90 N | 54.78 0.34 -0.77 N |
| AMERICAN_REF_FUEL 24010 | 36.74 -2.78 -2.48 N | 57.66 -4.75 -1.87 N | 51.90 -4.22 -6.37 N | 46.95 -4.17 -2.67 N | 51.77 -4.25 0.00 N | 52.23 -4.32 0.00 N | 77.91 -7.50 0.00 N | 84.67 -9.03 0.00 N | 86.68 3.54 -105.78 N | 62.99 -5.24 -9.73 N | 60.23 -5.46 -8.12 N | 71.90 -6.83 -7.09 N | 74.68 -7.37 -3.76 N | 71.46 -6.82 -9.29 N | 76.89 -8.76 -1.34 N | 67.19 -7.56 -2.54 N | 60.46 -6.97 -0.63 N | 64.83 -7.29 -1.63 N | 67.91 -6.45 -9.88 N | 67.38 -5.14 -19.69 N | 66.82 -5.85 -1.71 N | 61.97 -6.31 -1.87 N | 55.43 -5.37 -0.82 N | 49.98 -4.39 -0.70 N |
| ARTHUR_KILL_GT_1 23520 | 56.59 3.49 -16.06 N | 77.96 5.31 -12.12 N | 95.13 4.17 -41.22 N | 69.67 3.92 -17.30 N | 60.61 4.59 0.00 N | 61.54 4.99 0.00 N | 93.87 8.46 0.00 N | 104.27 10.57 0.00 N | 97.28 -4.73 -124.66 N | 93.94 7.47 -27.97 N | 115.10 6.97 -50.55 N | 124.37 8.79 -43.94 N | 111.41 9.69 -23.43 N | 119.53 8.66 -41.89 N | 103.17 10.50 -8.37 N | 97.01 8.98 -15.82 N | 78.71 8.00 -3.91 N | 89.40 8.78 -10.14 N | 133.77 7.77 -61.52 N | 181.67 6.24 -122.60 N | 90.03 8.40 -10.67 N | 86.01 8.10 -11.50 N | 71.62 6.59 -5.04 N | 63.55 5.55 -4.34 N |
| ARTHUR_KILL_2 23512 | 56.59 3.49 -16.06 N | 77.96 5.31 -12.12 N | 95.13 4.17 -41.22 N | 69.67 3.92 -17.30 N | 60.61 4.59 0.00 N | 61.54 4.99 0.00 N | 93.87 8.46 0.00 N | 104.27 10.57 0.00 N | 97.28 -4.73 -124.66 N | 93.94 7.47 -27.97 N | 115.10 6.97 -50.55 N | 124.37 8.79 -43.94 N | 111.41 9.69 -23.43 N | 119.53 8.66 -41.89 N | 103.17 10.50 -8.37 N | 97.01 8.98 -15.82 N | 78.71 8.00 -3.91 N | 89.40 8.78 -10.14 N | 133.77 7.77 -61.52 N | 181.67 6.24 -122.60 N | 90.03 8.40 -10.67 N | 86.01 8.10 -11.50 N | 71.62 6.59 -5.04 N | 63.55 5.55 -4.34 N |
| ARTHUR_KILL_3 23513 | 56.43 3.34 -16.06 N | 77.77 5.12 -12.12 N | 94.92 3.96 -41.21 N | 69.51 3.76 -17.30 N | 60.42 4.40 0.00 N | 61.34 4.78 0.00 N | 93.49 8.08 0.00 N | 103.99 10.29 0.00 N | 97.32 -4.69 -124.66 N | 93.85 7.39 -27.97 N | 115.04 6.91 -50.55 N | 124.27 8.69 -43.93 N | 111.35 9.63 -23.42 N | 119.47 8.60 -41.89 N | 103.17 10.50 -8.37 N | 97.05 9.02 -15.82 N | 78.86 8.15 -3.91 N | 89.50 8.88 -10.14 N | 133.90 7.91 -61.52 N | 181.78 6.35 -122.60 N | 89.93 8.30 -10.67 N | 85.91 8.00 -11.50 N | 71.58 6.56 -5.04 N | 63.48 5.48 -4.34 N |
| ASHOKAN____ 23654 | 56.99 2.94 -17.01 N | 77.98 4.61 -12.84 N | 97.11 3.71 -43.65 N | 70.35 3.57 -18.32 N | 60.31 4.29 0.00 N | 61.16 4.60 0.00 N | 92.86 7.45 0.00 N | 102.81 9.11 0.00 N | 98.22 -3.81 -124.68 N | 87.52 6.47 -22.56 N | 100.66 6.09 -37.00 N | 116.40 7.57 -37.19 N | 103.69 8.29 -17.12 N | 108.27 7.68 -31.61 N | 99.72 9.30 -6.12 N | 92.07 7.81 -12.04 N | 76.68 7.02 -2.86 N | 85.66 7.76 -7.41 N | 116.70 7.15 -45.08 N | 148.60 5.94 -89.83 N | 86.50 7.72 -7.82 N | 85.46 7.12 -11.92 N | 71.06 5.85 -5.23 N | 63.08 4.91 -4.50 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |
| ASTORIA_GT2_1 24094 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |
| ASTORIA_GT2_2 24095 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |
| ASTORIA_GT2_3 24096 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |

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| ASTORIA_GT2_4 24097 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |
| ASTORIA_GT3_1 24098 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |
| ASTORIA_GT3_2 24099 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |
| ASTORIA_GT3_3 24100 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |
| ASTORIA_GT3_4 24101 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |
| ASTORIA_GT4_1 24102 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |
| ASTORIA_GT4_2 24103 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |
| ASTORIA_GT4_3 24104 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |
| ASTORIA_GT4_4 24105 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |
| ASTORIA_GT_1 23523 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N |
| ASTORIA_GT_10 24110 | 56.67 3.58 -16.06 N | 78.12 5.47 -12.12 N | 95.21 4.25 -41.22 N | 69.79 4.04 -17.30 N | 60.79 4.77 0.00 N | 61.65 5.09 0.00 N | 93.94 8.53 0.00 N | 104.45 10.76 0.00 N | 97.16 -4.85 -124.66 N | 94.18 7.72 -27.97 N | 115.32 7.20 -50.55 N | 124.58 9.00 -43.94 N | 111.81 10.09 -23.43 N | 119.86 8.99 -41.89 N | 103.70 11.02 -8.37 N | 97.60 9.57 -15.82 N | 79.36 8.64 -3.91 N | 90.00 9.37 -10.14 N | 134.29 8.30 -61.52 N | 181.96 6.53 -122.60 N | 90.33 8.70 -10.67 N | 86.36 8.44 -11.50 N | 71.98 6.96 -5.04 N | 63.84 5.84 -4.34 N |
| ASTORIA_GT_11 24225 | 56.67 3.58 -16.06 N | 78.12 5.47 -12.12 N | 95.21 4.25 -41.22 N | 69.79 4.04 -17.30 N | 60.79 4.77 0.00 N | 61.65 5.09 0.00 N | 93.94 8.53 0.00 N | 104.45 10.76 0.00 N | 97.16 -4.85 -124.66 N | 94.18 7.72 -27.97 N | 115.32 7.20 -50.55 N | 124.58 9.00 -43.94 N | 111.81 10.09 -23.43 N | 119.86 8.99 -41.89 N | 103.70 11.02 -8.37 N | 97.60 9.57 -15.82 N | 79.36 8.64 -3.91 N | 90.00 9.37 -10.14 N | 134.29 8.30 -61.52 N | 181.96 6.53 -122.60 N | 90.33 8.70 -10.67 N | 86.36 8.44 -11.50 N | 71.98 6.96 -5.04 N | 63.84 5.84 -4.34 N |
| ASTORIA_GT_12 24226 | 56.67 3.58 -16.06 N | 78.12 5.47 -12.12 N | 95.21 4.25 -41.22 N | 69.79 4.04 -17.30 N | 60.79 4.77 0.00 N | 61.65 5.09 0.00 N | 93.94 8.53 0.00 N | 104.45 10.76 0.00 N | 97.16 -4.85 -124.66 N | 94.18 7.72 -27.97 N | 115.32 7.20 -50.55 N | 124.58 9.00 -43.94 N | 111.81 10.09 -23.43 N | 119.86 8.99 -41.89 N | 103.70 11.02 -8.37 N | 97.60 9.57 -15.82 N | 79.36 8.64 -3.91 N | 90.00 9.37 -10.14 N | 134.29 8.30 -61.52 N | 181.96 6.53 -122.60 N | 90.33 8.70 -10.67 N | 86.36 8.44 -11.50 N | 71.98 6.96 -5.04 N | 63.84 5.84 -4.34 N |
| ASTORIA_GT_13 24227 | 56.67 3.58 -16.06 N | 78.12 5.47 -12.12 N | 95.21 4.25 -41.22 N | 69.79 4.04 -17.30 N | 60.79 4.77 0.00 N | 61.65 5.09 0.00 N | 93.94 8.53 0.00 N | 104.45 10.76 0.00 N | 97.16 -4.85 -124.66 N | 94.18 7.72 -27.97 N | 115.32 7.20 -50.55 N | 124.58 9.00 -43.94 N | 111.81 10.09 -23.43 N | 119.86 8.99 -41.89 N | 103.70 11.02 -8.37 N | 97.60 9.57 -15.82 N | 79.36 8.64 -3.91 N | 90.00 9.37 -10.14 N | 134.29 8.30 -61.52 N | 181.96 6.53 -122.60 N | 90.33 8.70 -10.67 N | 86.36 8.44 -11.50 N | 71.98 6.96 -5.04 N | 63.84 5.84 -4.34 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 |
| ASTORIA_GT_5 24106 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N | |
| ASTORIA_GT_7 24107 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N | |
| ASTORIA_GT_8 24108 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N | |
| ASTORIA___2 24149 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N | |
| ASTORIA___3 23516 | 56.91 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 61.68 5.12 0.00 N | 93.94 8.53 0.00 N | 104.45 10.76 0.00 N | 97.16 -4.85 -124.66 N | 94.18 7.71 -27.97 N | 115.32 7.20 -50.55 N | 124.58 9.00 -43.94 N | 111.81 10.09 -23.43 N | 119.86 8.99 -41.89 N | 103.70 11.02 -8.37 N | 97.60 9.57 -15.82 N | 79.36 8.64 -3.91 N | 90.00 9.37 -10.14 N | 134.29 8.30 -61.52 N | 181.96 6.53 -122.60 N | 90.32 8.69 -10.67 N | 86.36 8.44 -11.50 N | 71.98 6.96 -5.04 N | 63.84 5.84 -4.34 N | |
| ASTORIA___4 23517 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.88 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.17 9.40 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.74 8.84 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N | |
| ASTORIA___5 23518 | 56.92 3.82 -16.06 N | 78.51 5.85 -12.12 N | 95.56 4.60 -41.22 N | 70.06 4.31 -17.30 N | 61.13 5.10 0.00 N | 62.10 5.53 0.00 N | 99.87 9.31 -5.15 N | 213.10 11.51 -107.89 N | 204.67 -4.90 -232.22 N | 127.86 8.13 -61.24 N | 115.73 7.60 -50.56 N | 125.04 9.46 -43.94 N | 120.87 10.60 -31.98 N | 121.16 9.39 -42.79 N | 115.68 11.51 -19.86 N | 112.96 10.04 -30.71 N | 118.94 9.06 -43.08 N | 118.69 9.83 -38.37 N | 205.86 8.70 -132.69 N | 183.66 6.66 -124.17 N | 106.53 9.07 -26.50 N | 118.73 8.83 -43.50 N | 82.75 7.33 -15.45 N | 64.14 6.14 -4.34 N | |
| ATHENS_STG_1 23668 | 56.49 1.81 -17.64 N | 76.75 2.90 -13.32 N | 97.37 2.35 -45.28 N | 69.71 2.25 -19.00 N | 58.73 2.71 0.00 N | 59.38 2.81 0.00 N | 89.74 4.34 0.00 N | 99.04 5.34 0.00 N | 99.49 -2.75 -124.88 N | 96.43 3.86 -34.07 N | 126.95 3.61 -65.77 N | 129.24 4.56 -53.04 N | 113.87 5.11 -30.47 N | 126.94 4.59 -53.37 N | 100.84 5.65 -10.88 N | 97.30 4.89 -20.20 N | 76.21 4.32 -5.09 N | 88.40 4.72 -13.19 N | 148.66 4.11 -80.08 N | 215.74 3.33 -159.58 N | 89.27 4.42 -13.89 N | 82.89 4.40 -12.09 N | 68.89 3.61 -5.30 N | 61.29 3.06 -4.56 N | |
| ATHENS_STG_2 23670 | 56.49 1.81 -17.64 N | 76.75 2.90 -13.32 N | 97.37 2.35 -45.28 N | 69.71 2.25 -19.00 N | 58.73 2.71 0.00 N | 59.38 2.81 0.00 N | 89.74 4.34 0.00 N | 99.04 5.34 0.00 N | 99.49 -2.75 -124.88 N | 96.43 3.86 -34.07 N | 126.95 3.61 -65.77 N | 129.24 4.56 -53.04 N | 113.87 5.11 -30.47 N | 126.94 4.59 -53.37 N | 100.84 5.65 -10.88 N | 97.30 4.89 -20.20 N | 76.21 4.32 -5.09 N | 88.40 4.72 -13.19 N | 148.66 4.11 -80.08 N | 215.74 3.33 -159.58 N | 89.27 4.42 -13.89 N | 82.89 4.40 -12.09 N | 68.89 3.61 -5.30 N | 61.29 3.06 -4.56 N | |
| ATHENS_STG_3 23677 | 56.49 1.81 -17.64 N | 76.75 2.90 -13.32 N | 97.37 2.35 -45.28 N | 69.71 2.25 -19.00 N | 58.73 2.71 0.00 N | 59.38 2.81 0.00 N | 89.74 4.34 0.00 N | 99.04 5.34 0.00 N | 99.49 -2.75 -124.88 N | 96.43 3.86 -34.07 N | 126.95 3.61 -65.77 N | 129.24 4.56 -53.04 N | 113.87 5.11 -30.47 N | 126.94 4.59 -53.37 N | 100.84 5.65 -10.88 N | 97.30 4.89 -20.20 N | 76.21 4.32 -5.09 N | 88.40 4.72 -13.19 N | 148.66 4.11 -80.08 N | 215.74 3.33 -159.58 N | 89.27 4.42 -13.89 N | 82.89 4.40 -12.09 N | 68.89 3.61 -5.30 N | 61.29 3.06 -4.56 N | |
| BARRETT_IC_1 23704 | 56.97 3.88 -16.06 N | 78.63 5.98 -12.12 N | 95.68 4.72 -41.22 N | 70.18 4.43 -17.30 N | 61.15 5.12 0.00 N | 62.26 5.69 0.00 N | 94.72 9.31 0.00 N | 108.52 11.87 -2.95 N | 97.10 -4.91 -124.66 N | 94.66 8.19 -27.97 N | 115.59 7.46 -50.56 N | 124.41 8.83 -43.94 N | 111.98 10.27 -23.43 N | 119.55 8.68 -41.89 N | 103.97 11.29 -8.37 N | 98.17 10.14 -15.82 N | 79.99 9.28 -3.91 N | 90.64 10.02 -10.14 N | 135.08 9.08 -61.52 N | 182.40 6.96 -122.61 N | 90.47 8.84 -10.67 N | 86.45 8.54 -11.50 N | 71.95 6.93 -5.05 N | 64.01 6.00 -4.34 N | |
| BARRETT_IC_10 23701 | 56.97 3.88 -16.06 N | 78.63 5.98 -12.12 N | 95.68 4.72 -41.22 N | 70.18 4.43 -17.30 N | 61.15 5.12 0.00 N | 62.26 5.69 0.00 N | 94.72 9.31 0.00 N | 108.52 11.87 -2.95 N | 97.10 -4.91 -124.66 N | 94.66 8.19 -27.97 N | 115.59 7.46 -50.56 N | 124.41 8.83 -43.94 N | 111.98 10.27 -23.43 N | 119.55 8.68 -41.89 N | 103.97 11.29 -8.37 N | 98.17 10.14 -15.82 N | 79.99 9.28 -3.91 N | 90.64 10.02 -10.14 N | 135.08 9.08 -61.52 N | 182.40 6.96 -122.61 N | 90.47 8.84 -10.67 N | 86.45 8.54 -11.50 N | 71.95 6.93 -5.05 N | 64.01 6.00 -4.34 N | |
| BARRETT_IC_11 23702 | 56.97 3.88 -16.06 N | 78.63 5.98 -12.12 N | 95.68 4.72 -41.22 N | 70.18 4.43 -17.30 N | 61.15 5.12 0.00 N | 62.26 5.69 0.00 N | 94.72 9.31 0.00 N | 108.52 11.87 -2.95 N | 97.10 -4.91 -124.66 N | 94.66 8.19 -27.97 N | 115.59 7.46 -50.56 N | 124.41 8.83 -43.94 N | 111.98 10.27 -23.43 N | 119.55 8.68 -41.89 N | 103.97 11.29 -8.37 N | 98.17 10.14 -15.82 N | 79.99 9.28 -3.91 N | 90.64 10.02 -10.14 N | 135.08 9.08 -61.52 N | 182.40 6.96 -122.61 N | 90.47 8.84 -10.67 N | 86.45 8.54 -11.50 N | 71.95 6.93 -5.05 N | 64.01 6.00 -4.34 N | |
| BARRETT_IC_12 | 56.97 | 78.63 | 95.68 | 70.18 | 61.15 | 62.26 | 94.72 | 108.52 | 97.10 | 94.66 | 115.59 | 124.41 | 111.98 | 119.55 | 103.97 | 98.17 | 79.99 | 90.64 | 135.08 | 182.40 | 90.47 | 86.45 | 71.95 | 64.01 | |

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| 23703 | 3.88 -16.06 N | 5.98 -12.12 N | 4.72 -41.22 N | 4.43 -17.30 N | 5.12 0.00 N | 5.69 0.00 N | 9.31 0.00 N | 11.87 -2.95 N | -4.91 -124.66 N | 8.19 -27.97 N | 7.46 -50.56 N | 8.83 -43.94 N | 10.27 -23.43 N | 8.68 -41.89 N | 11.29 -8.37 N | 10.14 -15.82 N | 9.28 -3.91 N | 10.02 -10.14 N | 9.08 -61.52 N | 6.96 -122.61 N | 8.84 -10.67 N | 8.54 -11.50 N | 6.93 -5.05 N | 6.00 -4.34 N |
| BARRETT_IC_2 23705 | 56.97 3.88 -16.06 N | 78.63 5.98 -12.12 N | 95.68 4.72 -41.22 N | 70.18 4.43 -17.30 N | 61.15 5.12 0.00 N | 62.26 5.69 0.00 N | 94.72 9.31 0.00 N | 108.52 11.87 -2.95 N | 97.10 -4.91 -124.66 N | 94.66 8.19 -27.97 N | 115.59 7.46 -50.56 N | 124.41 8.83 -43.94 N | 111.98 10.27 -23.43 N | 119.55 8.68 -41.89 N | 103.97 11.29 -8.37 N | 98.17 10.14 -15.82 N | 79.99 9.28 -3.91 N | 90.64 10.02 -10.14 N | 135.08 9.08 -61.52 N | 182.40 6.96 -122.61 N | 90.47 8.84 -10.67 N | 86.45 8.54 -11.50 N | 71.95 6.93 -5.05 N | 64.01 6.00 -4.34 N |
| BARRETT_IC_3 23706 | 56.97 3.88 -16.06 N | 78.63 5.98 -12.12 N | 95.68 4.72 -41.22 N | 70.18 4.43 -17.30 N | 61.15 5.12 0.00 N | 62.26 5.69 0.00 N | 94.72 9.31 0.00 N | 108.52 11.87 -2.95 N | 97.10 -4.91 -124.66 N | 94.66 8.19 -27.97 N | 115.59 7.46 -50.56 N | 124.41 8.83 -43.94 N | 111.98 10.27 -23.43 N | 119.55 8.68 -41.89 N | 103.97 11.29 -8.37 N | 98.17 10.14 -15.82 N | 79.99 9.28 -3.91 N | 90.64 10.02 -10.14 N | 135.08 9.08 -61.52 N | 182.40 6.96 -122.61 N | 90.47 8.84 -10.67 N | 86.45 8.54 -11.50 N | 71.95 6.93 -5.05 N | 64.01 6.00 -4.34 N |
| BARRETT_IC_4 23707 | 56.97 3.88 -16.06 N | 78.63 5.98 -12.12 N | 95.68 4.72 -41.22 N | 70.18 4.43 -17.30 N | 61.15 5.12 0.00 N | 62.26 5.69 0.00 N | 94.72 9.31 0.00 N | 108.52 11.87 -2.95 N | 97.10 -4.91 -124.66 N | 94.66 8.19 -27.97 N | 115.59 7.46 -50.56 N | 124.41 8.83 -43.94 N | 111.98 10.27 -23.43 N | 119.55 8.68 -41.89 N | 103.97 11.29 -8.37 N | 98.17 10.14 -15.82 N | 79.99 9.28 -3.91 N | 90.64 10.02 -10.14 N | 135.08 9.08 -61.52 N | 182.40 6.96 -122.61 N | 90.47 8.84 -10.67 N | 86.45 8.54 -11.50 N | 71.95 6.93 -5.05 N | 64.01 6.00 -4.34 N |
| BARRETT_IC_5 23708 | 56.97 3.88 -16.06 N | 78.63 5.98 -12.12 N | 95.68 4.72 -41.22 N | 70.18 4.43 -17.30 N | 61.15 5.12 0.00 N | 62.26 5.69 0.00 N | 94.72 9.31 0.00 N | 108.52 11.87 -2.95 N | 97.10 -4.91 -124.66 N | 94.66 8.19 -27.97 N | 115.59 7.46 -50.56 N | 124.41 8.83 -43.94 N | 111.98 10.27 -23.43 N | 119.55 8.68 -41.89 N | 103.97 11.29 -8.37 N | 98.17 10.14 -15.82 N | 79.99 9.28 -3.91 N | 90.64 10.02 -10.14 N | 135.08 9.08 -61.52 N | 182.40 6.96 -122.61 N | 90.47 8.84 -10.67 N | 86.45 8.54 -11.50 N | 71.95 6.93 -5.05 N | 64.01 6.00 -4.34 N |
| BARRETT_IC_6 23709 | 56.97 3.88 -16.06 N | 78.63 5.98 -12.12 N | 95.68 4.72 -41.22 N | 70.18 4.43 -17.30 N | 61.15 5.12 0.00 N | 62.26 5.69 0.00 N | 94.72 9.31 0.00 N | 108.52 11.87 -2.95 N | 97.10 -4.91 -124.66 N | 94.66 8.19 -27.97 N | 115.59 7.46 -50.56 N | 124.41 8.83 -43.94 N | 111.98 10.27 -23.43 N | 119.55 8.68 -41.89 N | 103.97 11.29 -8.37 N | 98.17 10.14 -15.82 N | 79.99 9.28 -3.91 N | 90.64 10.02 -10.14 N | 135.08 9.08 -61.52 N | 182.40 6.96 -122.61 N | 90.47 8.84 -10.67 N | 86.45 8.54 -11.50 N | 71.95 6.93 -5.05 N | 64.01 6.00 -4.34 N |
| BARRETT_IC_7 23710 | 56.97 3.88 -16.06 N | 78.63 5.98 -12.12 N | 95.68 4.72 -41.22 N | 70.18 4.43 -17.30 N | 61.15 5.12 0.00 N | 62.26 5.69 0.00 N | 94.72 9.31 0.00 N | 108.52 11.87 -2.95 N | 97.10 -4.91 -124.66 N | 94.66 8.19 -27.97 N | 115.59 7.46 -50.56 N | 124.41 8.83 -43.94 N | 111.98 10.27 -23.43 N | 119.55 8.68 -41.89 N | 103.97 11.29 -8.37 N | 98.17 10.14 -15.82 N | 79.99 9.28 -3.91 N | 90.64 10.02 -10.14 N | 135.08 9.08 -61.52 N | 182.40 6.96 -122.61 N | 90.47 8.84 -10.67 N | 86.45 8.54 -11.50 N | 71.95 6.93 -5.05 N | 64.01 6.00 -4.34 N |
| BARRETT_IC_8 23711 | 56.97 3.88 -16.06 N | 78.63 5.98 -12.12 N | 95.68 4.72 -41.22 N | 70.18 4.43 -17.30 N | 61.15 5.12 0.00 N | 62.26 5.69 0.00 N | 94.72 9.31 0.00 N | 108.52 11.87 -2.95 N | 97.10 -4.91 -124.66 N | 94.66 8.19 -27.97 N | 115.59 7.46 -50.56 N | 124.41 8.83 -43.94 N | 111.98 10.27 -23.43 N | 119.55 8.68 -41.89 N | 103.97 11.29 -8.37 N | 98.17 10.14 -15.82 N | 79.99 9.28 -3.91 N | 90.64 10.02 -10.14 N | 135.08 9.08 -61.52 N | 182.40 6.96 -122.61 N | 90.47 8.84 -10.67 N | 86.45 8.54 -11.50 N | 71.95 6.93 -5.05 N | 64.01 6.00 -4.34 N |
| BARRETT_IC_9 23700 | 56.97 3.88 -16.06 N | 78.63 5.98 -12.12 N | 95.68 4.72 -41.22 N | 70.18 4.43 -17.30 N | 61.15 5.12 0.00 N | 62.26 5.69 0.00 N | 94.72 9.31 0.00 N | 108.52 11.87 -2.95 N | 97.10 -4.91 -124.66 N | 94.66 8.19 -27.97 N | 115.59 7.46 -50.56 N | 124.41 8.83 -43.94 N | 111.98 10.27 -23.43 N | 119.55 8.68 -41.89 N | 103.97 11.29 -8.37 N | 98.17 10.14 -15.82 N | 79.99 9.28 -3.91 N | 90.64 10.02 -10.14 N | 135.08 9.08 -61.52 N | 182.40 6.96 -122.61 N | 90.47 8.84 -10.67 N | 86.45 8.54 -11.50 N | 71.95 6.93 -5.05 N | 64.01 6.00 -4.34 N |
| BARRETT___1 23545 | 56.97 3.88 -16.06 N | 78.63 5.98 -12.12 N | 95.68 4.72 -41.22 N | 70.18 4.43 -17.30 N | 61.15 5.12 0.00 N | 62.26 5.69 0.00 N | 94.72 9.31 0.00 N | 108.52 11.87 -2.95 N | 97.10 -4.91 -124.66 N | 94.66 8.19 -27.97 N | 115.59 7.46 -50.56 N | 124.41 8.83 -43.94 N | 111.98 10.27 -23.43 N | 119.55 8.68 -41.89 N | 103.97 11.29 -8.37 N | 98.17 10.14 -15.82 N | 79.99 9.28 -3.91 N | 90.64 10.02 -10.14 N | 135.08 9.08 -61.52 N | 182.40 6.96 -122.61 N | 90.47 8.84 -10.67 N | 86.45 8.54 -11.50 N | 71.95 6.93 -5.05 N | 64.01 6.00 -4.34 N |
| BARRETT___2 23546 | 56.97 3.88 -16.06 N | 78.63 5.98 -12.12 N | 95.68 4.72 -41.22 N | 70.18 4.43 -17.30 N | 61.15 5.12 0.00 N | 62.26 5.69 0.00 N | 94.72 9.31 0.00 N | 108.52 11.87 -2.95 N | 97.10 -4.91 -124.66 N | 94.66 8.19 -27.97 N | 115.59 7.46 -50.56 N | 124.41 8.83 -43.94 N | 111.98 10.27 -23.43 N | 119.55 8.68 -41.89 N | 103.97 11.29 -8.37 N | 98.17 10.14 -15.82 N | 79.99 9.28 -3.91 N | 90.64 10.02 -10.14 N | 135.08 9.08 -61.52 N | 182.40 6.96 -122.61 N | 90.47 8.84 -10.67 N | 86.45 8.54 -11.50 N | 71.95 6.93 -5.05 N | 64.01 6.00 -4.34 N |
| BEAVER RIVER___HYD 24048 | 35.63 -1.87 -0.45 N | 57.77 -3.11 -0.34 N | 48.36 -2.55 -1.17 N | 46.48 -2.46 -0.49 N | 53.30 -2.72 0.00 N | 54.03 -2.53 0.00 N | 82.35 -3.06 0.00 N | 90.67 -3.03 0.00 N | 65.24 0.57 -87.32 N | 62.66 -1.84 -6.01 N | 57.54 -1.70 -1.67 N | 71.06 -2.09 -1.51 N | 76.58 -2.48 -0.78 N | 70.60 -2.25 -3.88 N | 81.77 -2.81 -0.27 N | 70.28 -2.46 -0.53 N | 64.66 -2.27 -0.13 N | 68.39 -2.44 -0.34 N | 64.39 -2.11 -2.03 N | 55.25 -1.63 -4.05 N | 69.21 -2.10 -0.35 N | 64.53 -2.30 -0.42 N | 57.82 -2.34 -0.18 N | 51.50 -2.32 -0.16 N |
| BEEBEE_GT_13 23619 | 38.86 -0.12 -1.94 N | 61.52 -0.47 -1.46 N | 54.14 -0.57 -4.97 N | 49.92 -0.62 -2.08 N | 55.96 -0.06 0.00 N | 57.00 0.44 0.00 N | 87.32 1.91 0.00 N | 95.97 2.28 0.00 N | 81.82 -0.08 -104.55 N | 69.14 1.73 -8.92 N | 65.41 1.54 -6.30 N | 79.02 1.86 -5.52 N | 82.89 1.68 -2.92 N | 78.16 1.30 -7.88 N | 86.38 1.04 -1.04 N | 74.86 0.67 -1.98 N | 67.81 0.52 -0.49 N | 72.21 0.46 -1.27 N | 72.73 0.58 -7.68 N | 69.01 0.89 -15.30 N | 74.47 2.18 -1.33 N | 68.92 1.05 -1.47 N | 61.04 0.42 -0.64 N | 54.20 -0.02 -0.55 N |
| BETHLEHEM___GRP 23843 | 58.18 0.90 -20.24 N | 77.26 1.45 -15.28 N | 102.70 1.00 -51.96 N | 71.28 1.02 -21.81 N | 57.55 1.53 0.00 N | 58.33 1.78 0.00 N | 87.58 2.17 0.00 N | 96.21 2.51 0.00 N | 100.60 -1.33 -124.57 N | 60.23 1.70 -0.04 N | 40.11 1.89 19.36 N | 82.48 2.12 -8.72 N | 71.56 2.24 8.97 N | 60.35 2.25 10.88 N | 83.72 2.68 3.26 N | 70.80 2.61 4.03 N | 67.48 2.28 1.60 N | 69.01 2.66 4.14 N | 41.52 2.17 25.13 N | 4.65 1.91 50.09 N | 69.18 2.59 4.36 N | 82.36 2.52 -13.43 N | 67.92 2.05 -5.89 N | 60.57 1.84 -5.06 N |

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| BETHLEHEM___GS1 323560 | 58.18 0.90 -20.24 N | 77.26 1.45 -15.28 N | 102.70 1.00 -51.96 N | 71.28 1.02 -21.81 N | 57.55 1.53 0.00 N | 58.33 1.78 0.00 N | 87.58 2.17 0.00 N | 96.21 2.51 0.00 N | 100.60 -1.33 -124.57 N | 60.23 1.70 -0.04 N | 40.11 1.89 19.36 N | 82.48 2.12 -8.72 N | 71.56 2.24 8.97 N | 60.35 2.25 10.88 N | 83.72 2.68 3.26 N | 70.80 2.61 4.03 N | 67.48 2.28 1.60 N | 69.01 2.66 4.14 N | 41.52 2.17 25.13 N | 4.65 1.91 50.09 N | 69.18 2.59 4.36 N | 82.36 2.52 -13.43 N | 67.92 2.05 -5.89 N | 60.57 1.84 -5.06 N |
| BETHLEHEM___GS2 323561 | 58.18 0.90 -20.24 N | 77.26 1.45 -15.28 N | 102.70 1.00 -51.96 N | 71.28 1.02 -21.81 N | 57.55 1.53 0.00 N | 58.33 1.78 0.00 N | 87.58 2.17 0.00 N | 96.21 2.51 0.00 N | 100.60 -1.33 -124.57 N | 60.23 1.70 -0.04 N | 40.11 1.89 19.36 N | 82.48 2.12 -8.72 N | 71.56 2.24 8.97 N | 60.35 2.25 10.88 N | 83.72 2.68 3.26 N | 70.80 2.61 4.03 N | 67.48 2.28 1.60 N | 69.01 2.66 4.14 N | 41.52 2.17 25.13 N | 4.65 1.91 50.09 N | 69.18 2.59 4.36 N | 82.36 2.52 -13.43 N | 67.92 2.05 -5.89 N | 60.57 1.84 -5.06 N |
| BETHLEHEM___GS3 323562 | 58.18 0.90 -20.24 N | 77.26 1.45 -15.28 N | 102.70 1.00 -51.96 N | 71.28 1.02 -21.81 N | 57.55 1.53 0.00 N | 58.33 1.78 0.00 N | 87.58 2.17 0.00 N | 96.21 2.51 0.00 N | 100.60 -1.33 -124.57 N | 60.23 1.70 -0.04 N | 40.11 1.89 19.36 N | 82.48 2.12 -8.72 N | 71.56 2.24 8.97 N | 60.35 2.25 10.88 N | 83.72 2.68 3.26 N | 70.80 2.61 4.03 N | 67.48 2.28 1.60 N | 69.01 2.66 4.14 N | 41.52 2.17 25.13 N | 4.65 1.91 50.09 N | 69.18 2.59 4.36 N | 82.36 2.52 -13.43 N | 67.92 2.05 -5.89 N | 60.57 1.84 -5.06 N |
| BETHLEHEM___STEEL 23779 | 37.39 -2.33 -2.68 N | 58.53 -4.03 -2.03 N | 52.99 -3.65 -6.89 N | 47.69 -3.66 -2.89 N | 52.34 -3.68 0.00 N | 52.95 -3.61 0.00 N | 79.56 -5.85 0.00 N | 87.00 -6.69 0.00 N | 86.42 2.89 -106.17 N | 64.49 -4.03 -10.02 N | 62.15 -4.21 -8.79 N | 74.13 -5.17 -7.66 N | 76.82 -5.54 -4.07 N | 73.65 -5.14 -9.81 N | 78.93 -6.83 -1.45 N | 68.88 -6.08 -2.75 N | 61.89 -5.59 -0.68 N | 66.53 -5.71 -1.76 N | 70.21 -4.96 -10.69 N | 4.65 1.91 50.09 N | 69.18 2.59 4.36 N | 82.36 2.52 -13.43 N | 67.92 2.05 -5.89 N | 60.57 1.84 -5.06 N |
| BETHPAGE_CC_5 323564 | 57.08 3.99 -16.06 N | 78.79 6.13 -12.12 N | 95.82 4.86 -41.22 N | 70.32 4.57 -17.30 N | 61.35 5.33 0.00 N | 62.44 5.87 0.00 N | 95.07 9.66 0.00 N | 108.96 12.31 -2.95 N | 96.91 -5.10 -124.66 N | 94.84 8.37 -27.97 N | 115.76 7.63 -50.56 N | 124.59 9.01 -43.94 N | 112.04 10.32 -23.43 N | 119.59 8.71 -41.89 N | 103.78 11.11 -8.37 N | 97.99 9.96 -15.82 N | 79.89 9.18 -3.91 N | 90.56 9.93 -10.14 N | 135.14 9.14 -61.52 N | 182.61 7.17 -122.61 N | 90.46 8.83 -10.67 N | 86.34 8.43 -11.50 N | 72.03 7.01 -5.05 N | 64.03 6.03 -4.34 N |
| BINGHAMTON___COGEN 23790 | 43.31 0.63 -5.64 N | 65.71 0.92 -4.26 N | 64.87 0.64 -14.48 N | 55.02 0.49 -6.08 N | 56.82 0.80 0.00 N | 57.56 1.00 0.00 N | 87.66 2.25 0.00 N | 97.04 3.34 0.00 N | 88.11 -1.26 -112.02 N | 74.96 2.11 -14.36 N | 78.21 1.98 -18.66 N | 90.38 2.58 -16.17 N | 89.80 2.86 -8.64 N | 88.96 2.55 -17.44 N | 90.09 2.69 -3.09 N | 80.02 1.98 -5.84 N | 70.08 1.84 -1.44 N | 76.42 2.19 -3.74 N | 89.43 2.25 -22.71 N | 100.24 2.16 -45.25 N | 77.63 2.73 -3.94 N | 72.80 2.18 -4.21 N | 63.51 1.69 -1.85 N | 56.29 1.04 -1.59 N |
| BLACK RIVER___HYD 24047 | 35.96 -1.91 -0.84 N | 57.94 -3.22 -0.63 N | 49.20 -2.69 -2.14 N | 46.74 -2.61 -0.90 N | 53.17 -2.85 0.00 N | 54.01 -2.56 0.00 N | 82.57 -2.84 0.00 N | 91.12 -2.57 0.00 N | 68.52 0.40 -90.77 N | 63.61 -1.58 -6.70 N | 58.98 -1.46 -2.86 N | 72.27 -1.90 -2.54 N | 77.28 -2.34 -1.33 N | 71.81 -2.05 -4.88 N | 82.15 -2.63 -0.47 N | 70.76 -2.35 -0.90 N | 64.87 -2.16 -0.22 N | 68.72 -2.34 -0.57 N | 65.94 -2.02 -3.48 N | 58.27 -1.51 -6.94 N | 69.69 -1.87 -0.60 N | 64.87 -2.22 -0.69 N | 57.92 -2.36 -0.30 N | 51.46 -2.46 -0.26 N |
| BLISS_WT_PWR 323608 | 37.94 -1.92 -2.82 N | 58.82 -3.84 -2.13 N | 53.66 -3.33 -7.24 N | 47.94 -3.55 -3.04 N | 52.39 -3.63 0.00 N | 53.85 -2.71 0.00 N | 82.28 -3.13 0.00 N | 91.16 -2.54 0.00 N | 85.67 1.79 -106.53 N | 67.50 -1.29 -10.30 N | 65.67 -1.33 -9.42 N | 78.52 -1.33 -8.20 N | 81.65 -1.00 -4.36 N | 78.00 -1.27 -10.29 N | 83.40 -2.46 -1.56 N | 72.22 -2.94 -2.95 N | 65.12 -2.42 -0.73 N | 69.70 -2.68 -1.89 N | 74.14 -1.79 -11.46 N | 74.15 -1.52 -22.84 N | 72.08 -0.87 -1.99 N | 66.20 -2.37 -2.16 N | 58.00 -2.93 -0.95 N | 50.96 -3.52 -0.81 N |
| BLUE_CIRC_CHEM_DRP 24182 | 58.36 1.29 -20.03 N | 77.74 2.09 -15.12 N | 102.86 1.70 -51.41 N | 71.69 1.66 -21.58 N | 58.11 2.09 0.00 N | 58.74 2.18 0.00 N | 88.21 2.81 0.00 N | 97.08 3.38 0.00 N | 100.15 -1.90 -124.70 N | 60.43 2.43 0.49 N | 39.18 2.32 20.72 N | 82.38 2.93 -7.81 N | 71.95 3.27 9.60 N | 60.03 2.96 11.90 N | 84.54 3.65 3.41 N | 71.51 3.20 3.90 N | 68.06 2.82 1.56 N | 69.57 3.12 4.04 N | 42.61 2.64 24.51 N | 6.17 2.18 48.83 N | 69.58 2.88 4.25 N | 82.61 2.89 -13.32 N | 68.16 2.34 -5.84 N | 60.92 2.23 -5.02 N |
| BOC_GAS_DRP 24189 | 58.46 1.19 -20.24 N | 77.76 1.96 -15.28 N | 103.24 1.55 -51.94 N | 71.79 1.54 -21.80 N | 57.94 1.92 0.00 N | 58.56 1.99 0.00 N | 88.19 2.78 0.00 N | 97.06 3.36 0.00 N | 100.17 -1.88 -124.70 N | 58.91 2.44 2.03 N | 35.35 2.33 24.56 N | 80.44 2.94 -5.86 N | 70.20 3.28 11.38 N | 57.18 3.00 14.80 N | 83.96 3.70 4.04 N | 70.46 3.21 4.95 N | 67.77 2.82 1.85 N | 68.81 3.12 4.80 N | 37.99 2.64 29.13 N | -3.06 2.16 58.05 N | 68.78 2.88 5.05 N | 82.74 2.92 -13.41 N | 68.25 2.39 -5.88 N | 60.82 2.10 -5.06 N |
| BORALEX_4TH_BRANCH 23824 | 59.08 1.81 -20.23 N | 79.16 3.36 -15.27 N | 104.18 2.51 -51.92 N | 72.67 2.43 -21.79 N | 58.92 2.90 0.00 N | 59.59 3.03 0.00 N | 89.49 4.08 0.00 N | 98.74 5.04 0.00 N | 99.70 -2.17 -124.52 N | 62.34 2.87 -0.98 N | 43.30 2.74 17.01 N | 85.42 3.78 -10.00 N | 74.80 4.39 7.88 N | 63.87 3.99 9.11 N | 86.58 5.11 2.83 N | 73.41 4.32 3.12 N | 69.11 3.66 1.35 N | 70.98 3.99 3.50 N | 46.33 3.12 21.26 N | 13.08 2.62 42.37 N | 70.70 3.43 3.69 N | 84.03 4.19 -13.43 N | 69.29 3.42 -5.89 N | 61.84 3.11 -5.07 N |
| BOWLINE___1 23526 | 55.71 3.18 -15.49 N | 77.14 4.91 -11.69 N | 93.32 3.82 -39.76 N | 68.75 3.61 -16.69 N | 60.26 4.24 0.00 N | 61.11 4.55 0.00 N | 93.03 7.61 0.00 N | 103.17 9.47 0.00 N | 97.43 -4.52 -124.60 N | 92.78 6.73 -27.56 N | 113.31 6.19 -49.54 N | 122.47 7.77 -43.06 N | 109.91 8.66 -22.95 N | 117.86 7.77 -41.11 N | 102.06 9.56 -8.20 N | 95.92 8.21 -15.50 N | 77.89 7.26 -3.83 N | 88.28 7.86 -9.93 N | 131.80 7.03 -60.29 N | 178.76 5.79 -120.14 N | 89.07 7.65 -10.46 N | 85.01 7.32 -11.28 N | 70.90 5.98 -4.95 N | 62.95 5.03 -4.25 N |
| BOWLINE___2 23595 | 55.71 3.18 -15.49 N | 77.14 4.91 -11.69 N | 93.33 3.82 -39.77 N | 68.75 3.61 -16.69 N | 60.26 4.24 0.00 N | 61.12 4.56 0.00 N | 93.03 7.61 0.00 N | 103.17 9.48 0.00 N | 97.45 -4.50 -124.60 N | 92.80 6.75 -27.56 N | 113.31 6.19 -49.54 N | 122.48 7.77 -43.07 N | 109.91 8.66 -22.95 N | 117.87 7.78 -41.11 N | 102.06 9.56 -8.20 N | 95.93 8.21 -15.50 N | 77.90 7.26 -3.83 N | 88.29 7.87 -9.93 N | 131.80 7.03 -60.29 N | 178.77 5.79 -120.15 N | 89.08 7.66 -10.46 N | 85.03 7.34 -11.28 N | 70.91 5.98 -4.95 N | 62.96 5.04 -4.25 N |
| BROOKHAVEN___DRP 24191 | 57.38 4.28 -16.06 N | 79.50 6.85 -12.12 N | 96.56 5.60 -41.22 N | 71.04 5.28 -17.30 N | 62.26 6.24 0.00 N | 63.46 6.90 0.00 N | 97.14 11.74 0.00 N | 111.37 14.72 -2.95 N | 96.36 -5.66 -124.66 N | 96.25 9.78 -27.97 N | 117.03 8.90 -50.56 N | 125.86 10.28 -43.94 N | 113.47 11.76 -23.43 N | 120.69 9.82 -41.89 N | 105.07 12.40 -8.37 N | 99.29 11.26 -15.82 N | 81.09 10.37 -3.91 N | 91.90 11.27 -10.14 N | 136.43 10.43 -61.52 N | 183.77 8.33 -122.61 N | 91.86 10.23 -10.67 N | 87.43 9.52 -11.50 N | 72.69 7.67 -5.05 N | 64.46 6.45 -4.34 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|----------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---|
| BROOKLYN_NAVY_YARD 23515 | 56.54 3.44 -16.06 N | 77.90 5.25 -12.12 N | 95.01 4.05 -41.21 N | 69.59 3.84 -17.30 N | 60.54 4.52 0.00 N | 61.49 4.93 0.00 N | 93.76 8.35 0.00 N | 104.31 10.61 0.00 N | 97.20 -4.81 -124.66 N | 94.03 7.56 -27.97 N | 115.14 7.01 -50.55 N | 124.45 8.87 -43.93 N | 111.63 9.92 -23.42 N | 119.69 8.82 -41.89 N | 103.49 10.82 -8.37 N | 97.35 9.32 -15.82 N | 79.14 8.42 -3.91 N | 89.79 9.16 -10.14 N | 134.15 8.16 -61.52 N | 181.97 6.54 -122.60 N | 90.17 8.54 -10.67 N | 86.17 8.26 -11.50 N | 71.80 6.78 -5.04 N | 63.68 5.67 -4.34 N | |
| BROOKLYN___ARMY_DRP 323595 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N | |
| BROOME___LFGE 323600 | 43.31 0.63 -5.64 N | 65.71 0.92 -4.26 N | 64.87 0.64 -14.48 N | 55.02 0.49 -6.08 N | 56.82 0.80 0.00 N | 57.56 1.00 0.00 N | 87.66 2.25 0.00 N | 97.04 3.34 0.00 N | 88.11 -1.26 -112.02 N | 74.96 2.11 -14.36 N | 78.21 1.98 -18.66 N | 90.38 2.58 -16.17 N | 89.80 2.86 -8.64 N | 88.96 2.55 -17.44 N | 90.09 2.69 -3.09 N | 80.02 1.98 -5.84 N | 70.08 1.84 -1.44 N | 76.42 2.19 -3.74 N | 89.43 2.25 -22.71 N | 100.24 2.16 -45.25 N | 77.63 2.73 -3.94 N | 72.80 2.18 -4.21 N | 63.51 1.69 -1.85 N | 56.29 1.04 -1.59 N | |
| BURROWS___LYONSDAL 23803 | 36.42 -0.62 0.00 N | 59.45 -1.08 0.00 N | 48.85 -0.90 0.00 N | 47.58 -0.88 0.00 N | 55.12 -0.90 0.00 N | 55.84 -0.72 0.00 N | 84.95 -0.46 0.00 N | 93.70 0.00 0.00 N | 80.92 -0.24 -103.81 N | 64.97 0.13 -6.35 N | 57.74 0.17 0.00 N | 72.28 0.22 -0.42 N | 78.39 0.10 0.00 N | 72.10 0.01 -3.11 N | 84.18 -0.13 0.00 N | 72.07 -0.18 -0.04 N | 66.58 -0.22 0.00 N | 70.20 -0.29 0.00 N | 64.32 -0.16 0.00 N | 52.81 -0.02 0.00 N | 71.02 0.07 0.00 N | 66.51 -0.19 -0.30 N | 59.67 -0.44 -0.13 N | 53.16 -0.62 -0.11 N | |
| CALPINE_BETH_PAGE_GT4 24209 | 57.17 4.08 -16.06 N | 78.96 6.31 -12.12 N | 95.95 4.98 -41.22 N | 70.46 4.71 -17.30 N | 61.52 5.50 0.00 N | 62.63 6.06 0.00 N | 95.41 9.99 0.00 N | 109.29 12.64 -2.95 N | 96.88 -5.13 -124.66 N | 94.94 8.47 -27.97 N | 115.88 7.74 -50.56 N | 124.72 9.14 -43.94 N | 112.19 10.47 -23.43 N | 119.75 8.87 -41.89 N | 103.90 11.23 -8.37 N | 98.09 10.06 -15.82 N | 79.97 9.26 -3.91 N | 90.67 10.04 -10.14 N | 135.25 9.24 -61.52 N | 182.73 7.29 -122.61 N | 90.64 9.01 -10.67 N | 86.48 8.57 -11.50 N | 72.26 7.23 -5.05 N | 64.22 6.21 -4.34 N | |
| CALPINE_BETH_PAGE_GT_4 323586 | 57.17 4.08 -16.06 N | 78.96 6.31 -12.12 N | 95.95 4.98 -41.22 N | 70.46 4.71 -17.30 N | 61.52 5.50 0.00 N | 62.63 6.06 0.00 N | 95.41 9.99 0.00 N | 109.29 12.64 -2.95 N | 96.88 -5.13 -124.66 N | 94.94 8.47 -27.97 N | 115.88 7.74 -50.56 N | 124.72 9.14 -43.94 N | 112.19 10.47 -23.43 N | 119.75 8.87 -41.89 N | 103.90 11.23 -8.37 N | 98.09 10.06 -15.82 N | 79.97 9.26 -3.91 N | 90.67 10.04 -10.14 N | 135.25 9.24 -61.52 N | 182.73 7.29 -122.61 N | 90.64 9.01 -10.67 N | 86.48 8.57 -11.50 N | 72.26 7.23 -5.05 N | 64.22 6.21 -4.34 N | |
| CALPINE_BP_GT1 23823 | 57.17 4.08 -16.06 N | 78.96 6.31 -12.12 N | 95.95 4.98 -41.22 N | 70.46 4.71 -17.30 N | 61.52 5.50 0.00 N | 62.63 6.06 0.00 N | 95.41 9.99 0.00 N | 109.29 12.64 -2.95 N | 96.88 -5.13 -124.66 N | 94.94 8.47 -27.97 N | 115.88 7.74 -50.56 N | 124.72 9.14 -43.94 N | 112.19 10.47 -23.43 N | 119.75 8.87 -41.89 N | 103.90 11.23 -8.37 N | 98.09 10.06 -15.82 N | 79.97 9.26 -3.91 N | 90.67 10.04 -10.14 N | 135.25 9.24 -61.52 N | 182.73 7.29 -122.61 N | 90.64 9.01 -10.67 N | 86.48 8.57 -11.50 N | 72.26 7.23 -5.05 N | 64.22 6.21 -4.34 N | |
| CALSPAN___DRP 24200 | 37.39 -2.33 -2.68 N | 58.53 -4.03 -2.03 N | 52.99 -3.65 -6.89 N | 47.69 -3.66 -2.89 N | 52.34 -3.68 0.00 N | 52.95 -3.61 0.00 N | 79.56 -5.85 0.00 N | 87.00 -6.69 0.00 N | 86.42 2.89 -106.17 N | 64.49 -4.03 -10.02 N | 62.15 -4.21 -8.79 N | 74.13 -5.17 -7.66 N | 76.82 -5.54 -4.07 N | 73.65 -5.14 -9.81 N | 78.93 -6.83 -1.45 N | 68.88 -6.08 -2.75 N | 61.89 -5.59 -0.68 N | 66.53 -5.71 -1.76 N | 70.21 -4.96 -10.69 N | 70.35 -3.79 -21.31 N | 68.54 -4.28 -1.86 N | 63.55 -4.87 -2.02 N | 56.61 -4.26 -0.88 N | 50.74 -3.68 -0.76 N | |
| CARR STREET_E_SYR 24060 | 39.60 0.60 -1.96 N | 62.86 0.85 -1.48 N | 55.38 0.61 -5.03 N | 51.09 0.52 -2.11 N | 56.83 0.81 0.00 N | 57.46 0.90 0.00 N | 87.11 1.70 0.00 N | 96.07 2.38 0.00 N | 78.76 -0.93 -102.33 N | 69.10 1.75 -8.85 N | 65.73 1.69 -6.46 N | 79.32 2.03 -5.65 N | 83.23 1.95 -2.99 N | 78.61 1.69 -7.94 N | 87.18 1.81 -1.07 N | 75.67 1.44 -2.03 N | 68.62 1.32 -0.50 N | 73.07 1.28 -1.30 N | 73.66 1.32 -7.87 N | 69.76 1.26 -15.68 N | 74.14 1.82 -1.36 N | 69.26 1.35 -1.50 N | 61.72 1.08 -0.66 N | 55.02 0.79 -0.56 N | |
| CARTHAGE___PAPER 23857 | 35.83 -1.93 -0.73 N | 57.86 -3.22 -0.55 N | 48.92 -2.69 -1.87 N | 46.66 -2.58 -0.78 N | 53.16 -2.86 0.00 N | 53.97 -2.59 0.00 N | 82.44 -2.97 0.00 N | 90.85 -2.84 0.00 N | 67.65 0.50 -89.80 N | 63.27 -1.73 -6.51 N | 58.51 -1.59 -2.53 N | 71.87 -2.02 -2.25 N | 77.03 -2.44 -1.17 N | 71.40 -2.18 -4.60 N | 81.99 -2.73 -0.42 N | 70.58 -2.43 -0.80 N | 64.76 -2.24 -0.19 N | 68.59 -2.40 -0.51 N | 65.48 -2.07 -3.08 N | 57.38 -1.58 -6.13 N | 69.50 -1.99 -0.53 N | 64.73 -2.29 -0.61 N | 57.85 -2.40 -0.27 N | 51.47 -2.43 -0.23 N | |
| CE_DUNWOOD___DRP 24194 | 56.38 3.30 -16.04 N | 77.76 5.13 -12.11 N | 94.91 4.00 -41.16 N | 69.53 3.80 -17.28 N | 60.49 4.47 0.00 N | 61.38 4.82 0.00 N | 93.42 8.01 0.00 N | 103.74 10.04 0.00 N | 97.53 -4.48 -124.66 N | 93.56 7.11 -27.95 N | 114.74 6.66 -50.51 N | 123.86 8.32 -43.90 N | 110.99 9.30 -23.41 N | 119.11 8.28 -41.85 N | 102.82 10.16 -8.36 N | 96.78 8.76 -15.80 N | 78.58 7.87 -3.90 N | 89.14 8.52 -10.13 N | 133.55 7.61 -61.46 N | 181.46 6.15 -122.49 N | 89.69 8.07 -10.66 N | 85.68 7.78 -11.49 N | 71.39 6.37 -5.04 N | 63.34 5.34 -4.33 N | |
| CE_MILLWOOD___DRP 24193 | 56.23 3.19 -16.01 N | 77.55 4.93 -12.08 N | 94.69 3.85 -41.09 N | 69.36 3.66 -17.25 N | 60.35 4.33 0.00 N | 61.22 4.65 0.00 N | 93.14 7.73 0.00 N | 103.38 9.68 0.00 N | 97.58 -4.43 -124.65 N | 93.29 6.87 -27.93 N | 114.40 6.38 -50.44 N | 123.49 8.00 -43.85 N | 110.62 8.96 -23.37 N | 118.76 7.97 -41.80 N | 102.46 9.81 -8.35 N | 96.44 8.44 -15.78 N | 78.26 7.56 -3.90 N | 88.81 8.21 -10.11 N | 133.16 7.30 -61.38 N | 181.10 5.94 -122.33 N | 89.43 7.83 -10.65 N | 85.43 7.54 -11.48 N | 71.19 6.17 -5.04 N | 63.17 5.17 -4.33 N | |
| CE_NYC2_DRP 24202 | 56.68 3.59 -16.06 N | 78.13 5.48 -12.12 N | 95.23 4.27 -41.22 N | 69.81 4.06 -17.30 N | 60.80 4.78 0.00 N | 61.69 5.13 0.00 N | 94.00 8.59 0.00 N | 104.50 10.81 0.00 N | 97.09 -4.92 -124.66 N | 94.21 7.75 -27.97 N | 115.35 7.22 -50.55 N | 124.64 9.06 -43.94 N | 111.85 10.13 -23.43 N | 119.90 9.03 -41.89 N | 103.75 11.08 -8.37 N | 97.63 9.60 -15.82 N | 79.39 8.68 -3.91 N | 90.03 9.41 -10.14 N | 134.34 8.34 -61.52 N | 182.01 6.58 -122.60 N | 90.38 8.75 -10.67 N | 86.38 8.47 -11.50 N | 72.00 6.98 -5.04 N | 63.85 5.85 -4.34 N | |
| CE_NYC_DRP | 56.61 | 78.06 | 95.16 | 69.74 | 60.72 | 61.66 | 93.95 | 104.51 | 97.16 | 94.16 | 115.36 | 124.68 | 111.86 | 119.91 | 103.73 | 97.55 | 79.29 | 89.94 | 134.29 | 182.10 | 90.36 | 86.28 | 71.88 | 63.74 | |

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| 24195 | 3.52 -16.06 N | 5.41 -12.12 N | 4.20 -41.21 N | 3.99 -17.30 N | 4.70 0.00 N | 5.10 0.00 N | 8.54 0.00 N | 10.81 0.00 N | -4.85 -124.66 N | 7.70 -27.97 N | 7.24 -50.55 N | 9.10 -43.93 N | 10.14 -23.42 N | 9.04 -41.89 N | 11.06 -8.37 N | 9.52 -15.82 N | 8.58 -3.91 N | 9.32 -10.14 N | 8.29 -61.52 N | 6.68 -122.60 N | 8.74 -10.67 N | 8.37 -11.50 N | 6.86 -5.04 N | 5.73 -4.34 N |
| CHAFFEE___LFGE 323603 | 37.96 -1.84 -2.75 N | 59.31 -3.30 -2.08 N | 53.46 -3.35 -7.06 N | 48.26 -3.16 -2.96 N | 53.00 -3.03 0.00 N | 53.84 -2.72 0.00 N | 81.61 -3.80 0.00 N | 89.71 -3.98 0.00 N | 86.17 2.65 -106.17 N | 64.71 -3.81 -10.02 N | 62.36 -4.00 -8.79 N | 74.41 -4.89 -7.66 N | 77.10 -5.26 -4.07 N | 73.77 -5.02 -9.81 N | 79.03 -6.73 -1.45 N | 68.95 -6.01 -2.75 N | 62.06 -5.42 -0.68 N | 66.70 -5.55 -1.76 N | 70.34 -4.83 -10.69 N | 70.43 -3.70 -21.31 N | 68.64 -4.18 -1.86 N | 63.74 -4.68 -2.02 N | 56.81 -4.06 -0.88 N | 50.92 -3.51 -0.76 N |
| CHAT_HIGH_FALL_HYD 323578 | 35.21 -1.83 0.00 N | 57.55 -2.98 0.00 N | 47.37 -2.37 0.00 N | 46.20 -2.26 0.00 N | 53.35 -2.68 0.00 N | 53.85 -2.71 0.00 N | 81.49 -3.92 0.00 N | 88.98 -4.72 0.00 N | 8.40 0.72 -30.33 N | 57.60 -2.75 -1.85 N | 55.12 -2.45 0.00 N | 68.83 -2.81 0.00 N | 75.27 -3.02 0.00 N | 67.06 -2.83 -0.91 N | 81.03 -3.28 0.00 N | 69.36 -2.85 0.00 N | 64.19 -2.61 0.00 N | 67.69 -2.80 0.00 N | 61.92 -2.56 0.00 N | 50.77 -2.06 0.00 N | 68.26 -2.70 0.00 N | 63.92 -2.49 0.00 N | 57.65 -2.33 0.00 N | 51.57 -2.10 0.00 N |
| CH_MIDHUDSON___DRP 24192 | 56.91 3.04 -16.83 N | 77.95 4.71 -12.71 N | 96.68 3.72 -43.21 N | 70.12 3.53 -18.14 N | 60.20 4.18 0.00 N | 61.01 4.45 0.00 N | 92.67 7.26 0.00 N | 102.78 9.08 0.00 N | 97.83 -4.18 -124.66 N | 88.07 6.41 -23.17 N | 102.08 5.98 -38.52 N | 117.07 7.52 -37.91 N | 104.41 8.31 -17.82 N | 109.14 7.41 -32.75 N | 99.75 9.09 -6.36 N | 92.49 7.85 -12.43 N | 76.77 7.00 -2.97 N | 85.78 7.60 -7.69 N | 118.03 6.76 -46.79 N | 151.63 5.56 -93.25 N | 86.44 7.36 -8.12 N | 85.38 7.12 -11.85 N | 71.01 5.83 -5.20 N | 63.03 4.89 -4.47 N |
| CH_MISC_IPPS 23765 | 56.22 2.93 -16.25 N | 77.32 4.53 -12.26 N | 95.00 3.55 -41.70 N | 69.32 3.37 -17.50 N | 60.02 4.00 0.00 N | 60.83 4.27 0.00 N | 92.32 6.91 0.00 N | 102.44 8.74 0.00 N | 97.71 -4.27 -124.64 N | 90.02 6.34 -25.20 N | 107.05 5.86 -43.61 N | 119.30 7.35 -40.31 N | 106.29 7.94 -20.06 N | 112.41 7.04 -36.39 N | 100.08 8.61 -7.16 N | 93.40 7.42 -13.77 N | 76.74 6.60 -3.34 N | 86.30 7.15 -8.67 N | 123.90 6.40 -53.03 N | 164.01 5.50 -105.68 N | 87.56 7.40 -9.20 N | 85.12 7.11 -11.60 N | 70.83 5.76 -5.09 N | 62.76 4.71 -4.37 N |
| CH_RES_BVR_FALLS 23983 | 35.37 -0.90 0.77 N | 58.44 -1.51 0.58 N | 46.57 -1.21 1.97 N | 46.43 -1.20 0.83 N | 54.53 -1.49 0.00 N | 55.00 -1.56 0.00 N | 83.10 -2.30 0.00 N | 91.06 -2.63 0.00 N | 50.01 0.48 -72.17 N | 60.83 -1.39 -3.73 N | 54.67 -1.21 1.69 N | 68.90 -1.33 1.41 N | 76.19 -1.32 0.78 N | 68.78 -1.08 -0.88 N | 82.74 -1.29 0.28 N | 70.50 -1.19 0.52 N | 65.50 -1.17 0.13 N | 69.01 -1.14 0.34 N | 61.58 -0.83 2.07 N | 47.95 -0.76 4.11 N | 69.45 -1.15 0.36 N | 64.72 -1.35 0.35 N | 58.59 -1.25 0.15 N | 52.40 -1.14 0.13 N |
| CH_RES_NIAGARA 23895 | 36.58 -2.90 -2.45 N | 57.44 -4.94 -1.85 N | 51.66 -4.36 -6.27 N | 46.77 -4.31 -2.63 N | 51.63 -4.40 0.00 N | 52.06 -4.50 0.00 N | 77.48 -7.93 0.00 N | 83.96 -9.73 0.00 N | 86.77 3.69 -105.73 N | 62.54 -5.64 -9.68 N | 59.63 -5.94 -8.00 N | 71.20 -7.42 -6.98 N | 74.01 -7.99 -3.70 N | 70.86 -7.32 -9.20 N | 76.29 -9.34 -1.32 N | 66.67 -8.05 -2.51 N | 60.00 -7.42 -0.62 N | 64.32 -7.77 -1.60 N | 67.28 -6.93 -9.73 N | 66.66 -5.56 -19.39 N | 66.28 -6.37 -1.69 N | 61.48 -6.77 -1.84 N | 55.05 -5.74 -0.81 N | 49.70 -4.66 -0.69 N |
| CH_RES_SYRACUSE 23985 | 39.60 0.53 -2.03 N | 62.79 0.72 -1.54 N | 55.50 0.53 -5.22 N | 51.09 0.45 -2.19 N | 56.77 0.75 0.00 N | 57.37 0.81 0.00 N | 86.92 1.52 0.00 N | 95.76 2.07 0.00 N | 77.31 -0.89 -100.85 N | 68.83 1.49 -8.85 N | 65.65 1.41 -6.67 N | 79.14 1.67 -5.83 N | 82.97 1.59 -3.09 N | 78.39 1.36 -8.05 N | 86.74 1.34 -1.10 N | 75.32 1.02 -2.09 N | 68.29 0.97 -0.52 N | 72.72 0.90 -1.34 N | 73.56 0.96 -8.13 N | 70.02 0.99 -16.20 N | 73.84 1.47 -1.41 N | 69.01 1.05 -1.54 N | 61.52 0.86 -0.68 N | 54.88 0.63 -0.58 N |
| CLINTON_WT_PWR 323605 | 35.27 -1.76 0.00 N | 57.66 -2.87 0.00 N | 47.43 -2.32 0.00 N | 46.24 -2.21 0.00 N | 53.41 -2.61 0.00 N | 53.92 -2.64 0.00 N | 81.59 -3.82 0.00 N | 89.14 -4.55 0.00 N | 6.78 0.70 -28.73 N | 57.56 -2.69 -1.76 N | 55.18 -2.39 0.00 N | 68.93 -2.71 0.00 N | 75.38 -2.91 0.00 N | 67.11 -2.73 -0.86 N | 81.11 -3.20 0.00 N | 69.42 -2.79 0.00 N | 64.21 -2.59 0.00 N | 67.70 -2.79 0.00 N | 61.93 -2.55 0.00 N | 50.80 -2.03 0.00 N | 68.28 -2.68 0.00 N | 63.96 -2.45 0.00 N | 57.65 -2.33 0.00 N | 51.60 -2.07 0.00 N |
| COLONIE_LFGE___ 323577 | 58.77 1.41 -20.32 N | 78.35 2.48 -15.34 N | 103.80 1.90 -52.15 N | 72.19 1.85 -21.89 N | 58.36 2.34 0.00 N | 59.12 2.56 0.00 N | 89.04 3.63 0.00 N | 98.15 4.46 0.00 N | 99.90 -1.99 -124.53 N | 61.30 2.71 -0.10 N | 41.06 2.70 19.21 N | 83.98 3.48 -8.86 N | 73.27 3.89 8.90 N | 61.83 3.62 10.77 N | 85.60 4.49 3.20 N | 72.36 3.94 3.79 N | 68.67 3.40 1.53 N | 70.30 3.79 3.98 N | 43.44 3.10 24.14 N | 7.35 2.63 48.11 N | 70.31 3.54 4.19 N | 83.66 3.78 -13.47 N | 68.91 3.02 -5.91 N | 61.39 2.64 -5.08 N |
| CORNELL____ 23752 | 39.83 -0.36 -3.15 N | 61.72 -1.19 -2.38 N | 56.58 -1.24 -8.08 N | 50.48 -1.36 -3.39 N | 55.92 -0.10 0.00 N | 56.36 -0.20 0.00 N | 85.91 0.50 0.00 N | 95.40 1.71 0.00 N | 83.27 -1.19 -107.10 N | 70.94 1.66 -10.79 N | 70.15 2.02 -10.55 N | 83.32 2.50 -9.18 N | 85.67 2.49 -4.89 N | 82.33 2.17 -11.18 N | 88.17 2.12 -1.75 N | 76.87 1.36 -3.30 N | 68.17 0.56 -0.81 N | 72.82 0.24 -2.09 N | 77.70 0.54 -12.69 N | 79.02 0.91 -25.29 N | 74.63 1.47 -2.20 N | 69.25 0.46 -2.38 N | 60.85 -0.18 -1.04 N | 53.81 -0.76 -0.90 N |
| COXSACKIE___GT 23611 | 57.17 2.66 -17.47 N | 77.94 4.22 -13.19 N | 97.94 3.36 -44.84 N | 70.53 3.25 -18.82 N | 59.95 3.93 0.00 N | 60.80 4.24 0.00 N | 92.15 6.75 0.00 N | 101.92 8.23 0.00 N | 98.69 -3.34 -124.68 N | 83.51 5.77 -19.25 N | 91.83 5.55 -28.71 N | 111.63 7.00 -32.99 N | 99.28 7.71 -13.28 N | 101.37 7.02 -25.36 N | 97.61 8.56 -4.75 N | 89.35 7.39 -9.75 N | 75.64 6.62 -2.22 N | 83.52 7.27 -5.76 N | 106.04 6.52 -35.04 N | 128.08 5.41 -69.84 N | 84.16 7.13 -6.08 N | 85.19 6.64 -12.14 N | 70.79 5.49 -5.32 N | 62.86 4.61 -4.58 N |
| CRESCENT___HYD 24018 | 58.77 1.41 -20.32 N | 78.35 2.48 -15.34 N | 103.80 1.90 -52.15 N | 72.19 1.85 -21.89 N | 58.36 2.34 0.00 N | 59.12 2.56 0.00 N | 89.04 3.63 0.00 N | 98.15 4.46 0.00 N | 99.90 -1.99 -124.53 N | 61.30 2.71 -0.10 N | 41.06 2.70 19.21 N | 83.98 3.48 -8.86 N | 73.27 3.89 8.90 N | 61.83 3.62 10.77 N | 85.60 4.49 3.20 N | 72.36 3.94 3.79 N | 68.67 3.40 1.53 N | 70.30 3.79 3.98 N | 43.44 3.10 24.14 N | 7.35 2.63 48.11 N | 70.31 3.54 4.19 N | 83.66 3.78 -13.47 N | 68.91 3.02 -5.91 N | 61.39 2.64 -5.08 N |
| CRUCIBLE_METL_DRP 24180 | 39.60 0.53 -2.03 N | 62.79 0.72 -1.54 N | 55.50 0.53 -5.22 N | 51.09 0.45 -2.19 N | 56.77 0.75 0.00 N | 57.37 0.81 0.00 N | 86.92 1.52 0.00 N | 95.76 2.07 0.00 N | 77.31 -0.89 -100.85 N | 68.83 1.49 -8.85 N | 65.65 1.41 -6.67 N | 79.14 1.67 -5.83 N | 82.97 1.59 -3.09 N | 78.39 1.36 -8.05 N | 86.74 1.34 -1.10 N | 75.32 1.02 -2.09 N | 68.29 0.97 -0.52 N | 72.72 0.90 -1.34 N | 73.56 0.96 -8.13 N | 70.02 0.99 -16.20 N | 73.84 1.47 -1.41 N | 69.01 1.05 -1.54 N | 61.52 0.86 -0.68 N | 54.88 0.63 -0.58 N |

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|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|------------------------------|-------------------------------|--------------------------------|---------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|
| DANSKAMMER___1 23586 | 56.22 2.93 -16.25 N | 77.32 4.53 -12.26 N | 95.00 3.55 -41.70 N | 69.32 3.37 -17.50 N | 60.02 4.00 0.00 N | 60.83 4.27 0.00 N | 92.32 6.91 0.00 N | 102.44 8.74 0.00 N | 97.71 -4.27 -124.64 N | 90.02 6.34 -25.20 N | 107.05 5.86 -43.61 N | 119.30 7.35 -40.31 N | 106.29 7.94 -20.06 N | 112.41 7.04 -36.39 N | 100.08 8.61 -7.16 N | 93.40 7.42 -13.77 N | 76.74 6.60 -3.34 N | 86.30 7.15 -8.67 N | 123.90 6.40 -53.03 N | 164.01 5.50 -105.68 N | 87.56 7.40 -9.20 N | 85.12 7.11 -11.60 N | 70.83 5.76 -5.09 N | 62.76 4.71 -4.37 N |
| DANSKAMMER___2 23589 | 56.22 2.93 -16.25 N | 77.32 4.53 -12.26 N | 95.00 3.55 -41.70 N | 69.32 3.37 -17.50 N | 60.02 4.00 0.00 N | 60.83 4.27 0.00 N | 92.32 6.91 0.00 N | 102.44 8.74 0.00 N | 97.71 -4.27 -124.64 N | 90.02 6.34 -25.20 N | 107.05 5.86 -43.61 N | 119.30 7.35 -40.31 N | 106.29 7.94 -20.06 N | 112.41 7.04 -36.39 N | 100.08 8.61 -7.16 N | 93.40 7.42 -13.77 N | 76.74 6.60 -3.34 N | 86.30 7.15 -8.67 N | 123.90 6.40 -53.03 N | 164.01 5.50 -105.68 N | 87.56 7.40 -9.20 N | 85.12 7.11 -11.60 N | 70.83 5.76 -5.09 N | 62.76 4.71 -4.37 N |
| DANSKAMMER___3 23590 | 56.22 2.93 -16.25 N | 77.32 4.53 -12.26 N | 95.00 3.55 -41.70 N | 69.32 3.37 -17.50 N | 60.02 4.00 0.00 N | 60.83 4.27 0.00 N | 92.32 6.91 0.00 N | 102.44 8.74 0.00 N | 97.71 -4.27 -124.64 N | 90.02 6.34 -25.20 N | 107.05 5.86 -43.61 N | 119.30 7.35 -40.31 N | 106.29 7.94 -20.06 N | 112.41 7.04 -36.39 N | 100.08 8.61 -7.16 N | 93.40 7.42 -13.77 N | 76.74 6.60 -3.34 N | 86.30 7.15 -8.67 N | 123.90 6.40 -53.03 N | 164.01 5.50 -105.68 N | 87.56 7.40 -9.20 N | 85.12 7.11 -11.60 N | 70.83 5.76 -5.09 N | 62.76 4.71 -4.37 N |
| DANSKAMMER___4 23591 | 56.22 2.93 -16.25 N | 77.32 4.53 -12.26 N | 95.00 3.55 -41.70 N | 69.32 3.37 -17.50 N | 60.02 4.00 0.00 N | 60.83 4.27 0.00 N | 92.32 6.91 0.00 N | 102.44 8.74 0.00 N | 97.71 -4.27 -124.64 N | 90.02 6.34 -25.20 N | 107.05 5.86 -43.61 N | 119.30 7.35 -40.31 N | 106.29 7.94 -20.06 N | 112.41 7.04 -36.39 N | 100.08 8.61 -7.16 N | 93.40 7.42 -13.77 N | 76.74 6.60 -3.34 N | 86.30 7.15 -8.67 N | 123.90 6.40 -53.03 N | 164.01 5.50 -105.68 N | 87.56 7.40 -9.20 N | 85.12 7.11 -11.60 N | 70.83 5.76 -5.09 N | 62.76 4.71 -4.37 N |
| DANSKAMMER___DIESEL 23592 | 56.22 2.93 -16.25 N | 77.32 4.53 -12.26 N | 95.00 3.55 -41.70 N | 69.32 3.37 -17.50 N | 60.02 4.00 0.00 N | 60.83 4.27 0.00 N | 92.32 6.91 0.00 N | 102.44 8.74 0.00 N | 97.71 -4.27 -124.64 N | 90.02 6.34 -25.20 N | 107.05 5.86 -43.61 N | 119.30 7.35 -40.31 N | 106.29 7.94 -20.06 N | 112.41 7.04 -36.39 N | 100.08 8.61 -7.16 N | 93.40 7.42 -13.77 N | 76.74 6.60 -3.34 N | 86.30 7.15 -8.67 N | 123.90 6.40 -53.03 N | 164.01 5.50 -105.68 N | 87.56 7.40 -9.20 N | 85.12 7.11 -11.60 N | 70.83 5.76 -5.09 N | 62.76 4.71 -4.37 N |
| DASHVILLE___HYD 23610 | 56.59 3.22 -16.34 N | 77.89 5.03 -12.33 N | 95.67 3.99 -41.94 N | 69.80 3.74 -17.60 N | 60.42 4.40 0.00 N | 61.22 4.66 0.00 N | 93.21 7.80 0.00 N | 103.43 9.73 0.00 N | 97.45 -4.55 -124.65 N | 90.65 7.03 -25.13 N | 107.56 6.53 -43.45 N | 119.95 8.02 -40.29 N | 107.14 8.76 -20.09 N | 113.26 7.82 -36.45 N | 101.13 9.65 -7.18 N | 94.23 8.21 -13.81 N | 77.46 7.31 -3.35 N | 87.16 7.97 -8.69 N | 124.49 7.14 -52.87 N | 164.15 5.95 -105.37 N | 88.04 7.91 -9.17 N | 85.47 7.43 -11.64 N | 71.17 6.09 -5.11 N | 63.10 5.04 -4.39 N |
| DOGLEVILLE___HYD 23807 | 37.74 1.03 0.32 N | 62.18 1.89 0.24 N | 50.41 1.50 0.83 N | 49.51 1.40 0.35 N | 57.90 1.88 0.00 N | 58.70 2.14 0.00 N | 88.53 3.12 0.00 N | 98.08 4.39 0.00 N | 98.55 -0.90 -122.10 N | 68.36 2.40 -7.46 N | 59.87 2.30 0.00 N | 74.81 3.17 0.00 N | 82.04 3.75 0.00 N | 75.97 3.33 -3.66 N | 88.24 3.94 0.00 N | 75.86 3.65 0.00 N | 70.23 3.43 0.00 N | 74.28 3.79 0.00 N | 67.76 3.29 0.00 N | 55.82 2.99 0.00 N | 74.71 3.76 0.00 N | 70.21 3.80 0.00 N | 62.98 3.00 0.00 N | 55.93 2.27 0.00 N |
| DUNKIRK___1 23563 | 37.12 -2.85 -2.93 N | 57.82 -4.92 -2.21 N | 52.93 -4.34 -7.53 N | 47.14 -4.47 -3.16 N | 51.44 -4.58 0.00 N | 52.15 -4.41 0.00 N | 79.29 -6.12 0.00 N | 87.54 -6.16 0.00 N | 86.70 2.68 -106.67 N | 64.67 -4.23 -10.41 N | 62.89 -4.35 -9.67 N | 74.94 -5.12 -8.42 N | 77.30 -5.46 -4.48 N | 74.46 -5.01 -10.49 N | 79.04 -6.86 -1.60 N | 68.75 -6.49 -3.03 N | 61.64 -5.91 -0.75 N | 66.59 -5.83 -1.94 N | 71.40 -4.83 -11.76 N | 72.85 -3.41 -23.44 N | 68.56 -4.44 -2.04 N | 63.59 -5.03 -2.21 N | 56.38 -4.57 -0.97 N | 50.09 -4.41 -0.83 N |
| DUNKIRK___2 23564 | 37.12 -2.85 -2.93 N | 57.82 -4.92 -2.21 N | 52.93 -4.34 -7.53 N | 47.14 -4.47 -3.16 N | 51.44 -4.58 0.00 N | 52.15 -4.41 0.00 N | 79.29 -6.12 0.00 N | 87.54 -6.16 0.00 N | 86.70 2.68 -106.67 N | 64.67 -4.23 -10.41 N | 62.89 -4.35 -9.67 N | 74.94 -5.12 -8.42 N | 77.30 -5.46 -4.48 N | 74.46 -5.01 -10.49 N | 79.04 -6.86 -1.60 N | 68.75 -6.49 -3.03 N | 61.64 -5.91 -0.75 N | 66.59 -5.83 -1.94 N | 71.40 -4.83 -11.76 N | 72.85 -3.41 -23.44 N | 68.56 -4.44 -2.04 N | 63.59 -5.03 -2.21 N | 56.38 -4.57 -0.97 N | 50.09 -4.41 -0.83 N |
| DUNKIRK___3 23565 | 37.43 -2.54 -2.94 N | 58.34 -4.41 -2.22 N | 53.36 -3.91 -7.53 N | 47.57 -4.05 -3.16 N | 51.90 -4.12 0.00 N | 52.62 -3.94 0.00 N | 79.96 -5.45 0.00 N | 88.22 -5.48 0.00 N | 86.47 2.46 -106.66 N | 65.10 -3.80 -10.40 N | 63.31 -3.92 -9.65 N | 75.43 -4.62 -8.41 N | 77.86 -4.90 -4.47 N | 74.97 -4.48 -10.48 N | 79.70 -6.20 -1.60 N | 69.34 -5.89 -3.02 N | 62.18 -5.36 -0.75 N | 67.18 -5.25 -1.94 N | 71.91 -4.31 -11.75 N | 73.23 -3.01 -23.41 N | 69.12 -3.88 -2.04 N | 64.09 -4.53 -2.21 N | 56.84 -4.11 -0.97 N | 50.52 -3.99 -0.83 N |
| DUNKIRK___4 23566 | 37.43 -2.54 -2.94 N | 58.34 -4.41 -2.22 N | 53.36 -3.91 -7.53 N | 47.57 -4.05 -3.16 N | 51.90 -4.12 0.00 N | 52.62 -3.94 0.00 N | 79.96 -5.45 0.00 N | 88.22 -5.48 0.00 N | 86.47 2.46 -106.66 N | 65.10 -3.80 -10.40 N | 63.31 -3.92 -9.65 N | 75.43 -4.62 -8.41 N | 77.86 -4.90 -4.47 N | 74.97 -4.48 -10.48 N | 79.70 -6.20 -1.60 N | 69.34 -5.89 -3.02 N | 62.18 -5.36 -0.75 N | 67.18 -5.25 -1.94 N | 71.91 -4.31 -11.75 N | 73.23 -3.01 -23.41 N | 69.12 -3.88 -2.04 N | 64.09 -4.53 -2.21 N | 56.84 -4.11 -0.97 N | 50.52 -3.99 -0.83 N |
| EAST HAMPTON___GT 23717 | 58.80 5.71 -16.06 N | 81.83 9.17 -12.12 N | 98.46 7.50 -41.22 N | 72.89 7.14 -17.30 N | 64.51 8.49 0.00 N | 65.92 9.36 0.00 N | 101.38 15.97 0.00 N | 116.71 20.07 -2.95 N | 95.00 -7.01 -124.66 N | 99.61 13.15 -27.97 N | 120.35 12.22 -50.56 N | 129.76 14.18 -43.94 N | 117.56 15.84 -23.43 N | 124.17 13.30 -41.89 N | 109.04 16.36 -8.37 N | 102.52 14.49 -15.82 N | 84.08 13.36 -3.91 N | 95.13 14.51 -10.14 N | 139.62 13.62 -61.52 N | 186.68 11.25 -122.61 N | 95.89 14.26 -10.67 N | 90.90 12.99 -11.50 N | 75.44 10.42 -5.05 N | 66.56 8.56 -4.34 N |
| EAST RIVER___6 23660 | 56.64 3.55 -16.06 N | 78.08 5.43 -12.12 N | 95.20 4.25 -41.21 N | 69.78 4.03 -17.30 N | 60.77 4.75 0.00 N | 61.70 5.14 0.00 N | 94.06 8.65 0.00 N | 104.65 10.95 0.00 N | 97.19 -4.83 -124.66 N | 94.28 7.81 -27.97 N | 115.47 7.35 -50.55 N | 124.81 9.24 -43.93 N | 112.01 10.30 -23.42 N | 120.04 9.18 -41.89 N | 103.87 11.19 -8.37 N | 97.66 9.63 -15.82 N | 79.41 8.69 -3.91 N | 90.07 9.44 -10.14 N | 134.40 8.41 -61.52 N | 182.19 6.77 -122.60 N | 90.48 8.85 -10.67 N | 86.38 8.47 -11.50 N | 71.95 6.92 -5.04 N | 63.79 5.79 -4.34 N |
| EAST RIVER___7 23524 | 56.64 3.55 -16.06 N | 78.08 5.43 -12.12 N | 95.20 4.25 -41.21 N | 69.78 4.03 -17.30 N | 60.77 4.75 0.00 N | 61.70 5.14 0.00 N | 94.06 8.65 0.00 N | 104.65 10.95 0.00 N | 97.19 -4.83 -124.66 N | 94.28 7.81 -27.97 N | 115.47 7.35 -50.55 N | 124.81 9.24 -43.93 N | 112.01 10.30 -23.42 N | 120.04 9.18 -41.89 N | 103.87 11.19 -8.37 N | 97.66 9.63 -15.82 N | 79.41 8.69 -3.91 N | 90.07 9.44 -10.14 N | 134.40 8.41 -61.52 N | 182.19 6.77 -122.60 N | 90.48 8.85 -10.67 N | 86.38 8.47 -11.50 N | 71.95 6.92 -5.04 N | 63.79 5.79 -4.34 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 |
| EAST_HAMPTON___DIESEL 23722 | 58.80 5.71 -16.06 N | 81.83 9.17 -12.12 N | 98.46 7.50 -41.22 N | 72.89 7.14 -17.30 N | 64.51 8.49 0.00 N | 65.92 9.36 0.00 N | 101.38 15.97 0.00 N | 116.71 20.07 -2.95 N | 95.00 -7.01 -124.66 N | 99.61 13.15 -27.97 N | 120.35 12.22 -50.56 N | 129.76 14.18 -43.94 N | 117.56 15.84 -23.43 N | 124.17 13.30 -41.89 N | 109.04 16.36 -8.37 N | 102.52 14.49 -15.82 N | 84.08 13.36 -3.91 N | 95.13 14.51 -10.14 N | 139.62 13.62 -61.52 N | 186.68 11.25 -122.61 N | 95.89 14.26 -10.67 N | 90.90 12.99 -11.50 N | 75.44 10.42 -5.05 N | 66.56 8.56 -4.34 N |
| EAST_RIVER___1 323558 | 56.61 3.52 -16.06 N | 78.06 5.41 -12.12 N | 95.16 4.20 -41.21 N | 69.74 3.99 -17.30 N | 60.72 4.70 0.00 N | 61.66 5.10 0.00 N | 93.95 8.54 0.00 N | 104.51 10.81 0.00 N | 97.16 -4.85 -124.66 N | 94.16 7.70 -27.97 N | 115.36 7.24 -50.55 N | 124.68 9.10 -43.93 N | 111.86 10.14 -23.42 N | 119.91 9.04 -41.89 N | 103.73 11.06 -8.37 N | 97.55 9.52 -15.82 N | 79.29 8.58 -3.91 N | 89.94 9.32 -10.14 N | 134.29 8.29 -61.52 N | 182.10 6.68 -122.60 N | 90.36 8.74 -10.67 N | 86.28 8.37 -11.50 N | 71.88 6.86 -5.04 N | 63.74 5.73 -4.34 N |
| EAST_RIVER___2 323559 | 56.64 3.55 -16.06 N | 78.08 5.43 -12.12 N | 95.20 4.25 -41.21 N | 69.78 4.03 -17.30 N | 60.77 4.75 0.00 N | 61.70 5.14 0.00 N | 94.06 8.65 0.00 N | 104.65 10.95 0.00 N | 97.19 -4.83 -124.66 N | 94.28 7.81 -27.97 N | 115.47 7.35 -50.55 N | 124.81 9.24 -43.93 N | 112.01 10.30 -23.42 N | 120.04 9.18 -41.89 N | 103.87 11.19 -8.37 N | 97.66 9.63 -15.82 N | 79.41 8.69 -3.91 N | 90.07 9.44 -10.14 N | 134.40 8.41 -61.52 N | 182.19 6.77 -122.60 N | 90.48 8.85 -10.67 N | 86.38 8.47 -11.50 N | 71.95 6.92 -5.04 N | 63.79 5.79 -4.34 N |
| EAST___DELAWARE_HYD 23607 | 53.47 2.63 -13.80 N | 75.03 4.08 -10.42 N | 88.44 3.27 -35.43 N | 66.44 3.11 -14.87 N | 59.75 3.73 0.00 N | 60.60 4.04 0.00 N | 92.40 6.99 0.00 N | 102.29 8.59 0.00 N | 96.43 -5.36 -124.43 N | 90.98 7.27 -25.22 N | 108.16 6.86 -43.73 N | 119.41 8.67 -39.10 N | 108.00 9.47 -20.23 N | 113.97 8.31 -36.68 N | 101.49 9.95 -7.23 N | 94.00 8.02 -13.76 N | 76.71 6.54 -3.37 N | 86.48 7.25 -8.74 N | 124.21 6.58 -53.15 N | 164.25 5.50 -105.91 N | 87.60 7.42 -9.22 N | 83.93 6.90 -10.62 N | 70.32 5.68 -4.66 N | 62.37 4.70 -4.01 N |
| ELEC_TRO_TEK 24086 | 56.73 3.63 -16.06 N | 78.22 5.57 -12.12 N | 95.35 4.39 -41.22 N | 69.87 4.12 -17.30 N | 60.85 4.83 0.00 N | 61.87 5.31 0.00 N | 94.19 8.78 0.00 N | 107.86 11.21 -2.95 N | 97.21 -4.81 -124.66 N | 94.26 7.80 -27.97 N | 115.32 7.19 -50.56 N | 124.17 8.59 -43.94 N | 111.52 9.80 -23.43 N | 119.22 8.35 -41.89 N | 103.25 10.58 -8.37 N | 97.48 9.46 -15.82 N | 79.34 8.63 -3.91 N | 90.03 9.40 -10.14 N | 134.54 8.54 -61.52 N | 182.15 6.71 -122.61 N | 90.00 8.37 -10.67 N | 85.93 8.02 -11.50 N | 71.58 6.55 -5.05 N | 63.57 5.57 -4.34 N |
| ELLENBURG_WT_PWR 323604 | 35.27 -1.76 0.00 N | 57.66 -2.87 0.00 N | 47.43 -2.32 0.00 N | 46.24 -2.21 0.00 N | 53.41 -2.61 0.00 N | 53.92 -2.64 0.00 N | 81.59 -3.82 0.00 N | 89.14 -4.55 0.00 N | 6.78 0.70 -28.73 N | 57.56 -2.69 -1.76 N | 55.18 -2.39 0.00 N | 68.93 -2.71 0.00 N | 75.38 -2.91 0.00 N | 67.11 -2.73 -0.86 N | 81.11 -3.20 0.00 N | 69.42 -2.79 0.00 N | 64.21 -2.59 0.00 N | 67.70 -2.79 0.00 N | 61.93 -2.55 0.00 N | 50.80 -2.03 0.00 N | 68.28 -2.68 0.00 N | 63.96 -2.45 0.00 N | 57.65 -2.33 0.00 N | 51.60 -2.07 0.00 N |
| E_CANADA_CAP_HY 24051 | 64.26 1.59 -25.63 N | 82.11 2.23 -19.35 N | 117.36 1.82 -65.80 N | 77.87 1.80 -27.62 N | 58.00 1.98 0.00 N | 58.87 2.31 0.00 N | 90.65 5.24 0.00 N | 100.26 6.56 0.00 N | 97.67 -2.69 -123.00 N | 68.70 4.93 -5.28 N | 56.34 4.89 6.12 N | 97.81 5.68 -20.50 N | 81.36 5.90 2.84 N | 73.14 5.10 0.94 N | 89.20 5.90 1.01 N | 77.01 4.29 -0.50 N | 70.24 3.91 0.47 N | 73.60 4.34 1.23 N | 61.35 4.34 7.47 N | 41.49 3.54 14.88 N | 74.82 5.16 1.30 N | 87.09 4.04 -16.63 N | 70.45 3.18 -7.30 N | 62.40 2.46 -6.27 N |
| E_CANADA_MHWK_HY 24050 | 37.74 1.03 0.32 N | 62.18 1.89 0.24 N | 50.41 1.50 0.83 N | 49.51 1.40 0.35 N | 57.90 1.88 0.00 N | 58.70 2.14 0.00 N | 88.53 3.12 0.00 N | 98.08 4.39 0.00 N | 98.55 -0.90 -122.10 N | 68.36 2.40 -7.46 N | 59.87 2.30 0.00 N | 74.81 3.17 0.00 N | 82.04 3.75 -3.66 N | 75.97 3.33 -3.96 N | 88.24 3.94 0.00 N | 75.86 3.65 0.00 N | 70.23 3.43 0.00 N | 74.28 3.79 0.00 N | 67.76 3.29 0.00 N | 55.82 2.99 0.00 N | 74.71 3.76 0.00 N | 70.21 3.80 0.00 N | 62.98 3.00 0.00 N | 55.93 2.27 0.00 N |
| E_FISHKILL___LBMP 23776 | 56.20 2.92 -16.24 N | 77.34 4.55 -12.26 N | 95.03 3.59 -41.69 N | 69.36 3.41 -17.50 N | 60.03 4.01 0.00 N | 60.87 4.31 0.00 N | 92.44 7.03 0.00 N | 102.50 8.80 0.00 N | 97.91 -4.12 -124.68 N | 92.90 6.24 -28.16 N | 114.43 5.82 -51.03 N | 123.26 7.32 -44.30 N | 110.13 8.18 -23.65 N | 118.52 7.28 -42.26 N | 101.71 8.96 -8.45 N | 95.90 7.72 -15.97 N | 77.66 6.91 -3.95 N | 88.23 7.50 -10.23 N | 133.23 6.65 -62.11 N | 181.99 5.40 -123.77 N | 88.84 7.11 -10.77 N | 84.87 6.89 -11.57 N | 70.71 5.66 -5.08 N | 62.80 4.77 -4.36 N |
| FAR ROCKAWAY___4 23548 | 57.66 4.56 -16.06 N | 79.56 6.91 -12.12 N | 96.26 5.29 -41.22 N | 70.70 4.94 -17.30 N | 61.74 5.72 0.00 N | 62.91 6.35 0.00 N | 95.26 9.85 0.00 N | 109.16 12.51 -2.95 N | 97.17 -4.84 -124.66 N | 94.88 8.41 -27.97 N | 115.88 7.75 -50.56 N | 124.84 9.26 -43.94 N | 112.34 10.62 -23.43 N | 119.90 9.02 -41.89 N | 104.22 11.55 -8.37 N | 98.41 10.38 -15.82 N | 80.43 9.72 -3.91 N | 91.20 10.58 -10.14 N | 135.63 9.63 -61.52 N | 182.73 7.29 -122.61 N | 90.96 9.33 -10.67 N | 87.12 9.21 -11.50 N | 72.44 7.42 -5.05 N | 64.53 6.53 -4.34 N |
| FARRAGUT___LBMP 323566 | 56.57 3.48 -16.06 N | 78.01 5.36 -12.12 N | 95.12 4.16 -41.21 N | 69.70 3.95 -17.30 N | 60.67 4.65 0.00 N | 61.58 5.02 0.00 N | 93.84 8.43 0.00 N | 104.40 10.70 0.00 N | 97.24 -4.77 -124.66 N | 94.07 7.61 -27.97 N | 115.25 7.13 -50.55 N | 124.55 8.97 -43.93 N | 111.73 10.01 -23.42 N | 119.78 8.91 -41.89 N | 103.58 10.90 -8.37 N | 97.40 9.38 -15.82 N | 79.18 8.46 -3.91 N | 89.80 9.18 -10.14 N | 134.17 8.18 -61.52 N | 182.01 6.59 -122.60 N | 90.25 8.62 -10.67 N | 86.20 8.29 -11.50 N | 71.81 6.78 -5.04 N | 63.68 5.67 -4.34 N |
| FENNER___WINDPWR 24204 | 38.63 0.50 -1.09 N | 61.97 0.62 -0.82 N | 52.96 0.40 -2.80 N | 50.03 0.40 -1.18 N | 56.91 0.89 0.00 N | 57.57 1.01 0.00 N | 87.68 2.27 0.00 N | 96.92 3.22 0.00 N | 86.27 -1.17 -110.09 N | 69.12 2.39 -8.24 N | 63.70 2.36 -3.77 N | 77.84 2.87 -3.33 N | 82.98 2.95 -1.74 N | 77.80 2.68 -6.14 N | 88.04 3.11 -0.62 N | 75.88 2.49 -1.18 N | 69.24 2.15 -0.29 N | 73.39 2.16 -0.75 N | 71.16 2.13 -4.56 N | 63.82 1.91 -9.08 N | 74.43 2.68 -0.79 N | 69.14 1.84 -0.89 N | 61.62 1.25 -0.39 N | 54.78 0.78 -0.34 N |
| FIBERTEK___ENERGY 23856 | 39.60 0.53 -2.03 N | 62.79 0.72 -1.54 N | 55.50 0.53 -5.22 N | 51.09 0.45 -2.19 N | 56.77 0.75 0.00 N | 57.37 0.81 0.00 N | 86.92 1.52 0.00 N | 95.76 2.07 0.00 N | 77.31 -0.89 -100.85 N | 68.83 1.49 -8.85 N | 65.65 1.41 -6.67 N | 79.14 1.67 -5.83 N | 82.97 1.59 -3.09 N | 78.39 1.36 -8.05 N | 86.74 1.34 -1.10 N | 75.32 1.02 -2.09 N | 68.29 0.97 -0.52 N | 72.72 0.90 -1.34 N | 73.56 0.96 -8.13 N | 70.02 0.99 -16.20 N | 73.84 1.47 -1.41 N | 69.01 1.05 -1.54 N | 61.52 0.86 -0.68 N | 54.88 0.63 -0.58 N |
| FITZPATRICK___ | 37.15 | 60.71 | 49.89 | 48.56 | 56.19 | 56.74 | 85.68 | 94.07 | 114.08 | 67.20 | 57.90 | 72.05 | 79.10 | 73.62 | 83.42 | 72.15 | 66.00 | 69.86 | 67.91 | 61.15 | 70.69 | 66.19 | 59.49 | 53.26 |

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| 23598 | 0.11 0.00 N | 0.18 0.00 N | 0.15 0.00 N | 0.11 0.00 N | 0.17 0.00 N | 0.17 0.00 N | 0.27 0.00 N | 0.37 0.00 N | -0.29 -137.02 N | 0.34 -8.37 N | 0.33 0.00 N | 0.40 0.00 N | -0.85 -1.66 N | -1.02 -5.66 N | -1.51 -0.63 N | -1.25 -1.20 N | -1.10 -0.29 N | -1.39 -0.76 N | -1.20 -4.64 N | -0.91 -9.24 N | -1.07 -0.80 N | -1.13 -0.91 N | -0.88 -0.40 N | -0.74 -0.34 N |
| FORT ORANGE____ 23900 | 58.31 1.40 -19.88 N | 77.81 2.28 -15.00 N | 102.47 1.71 -51.02 N | 71.55 1.68 -21.41 N | 58.25 2.23 0.00 N | 59.03 2.48 0.00 N | 88.87 3.46 0.00 N | 97.80 4.11 0.00 N | 100.01 -1.93 -124.58 N | 63.68 2.75 -2.43 N | 47.02 2.81 13.37 N | 86.74 3.37 -11.73 N | 75.76 3.67 6.20 N | 66.07 3.46 6.37 N | 86.24 4.19 2.25 N | 73.78 3.83 2.27 N | 69.08 3.38 1.11 N | 71.41 3.80 2.88 N | 50.25 3.22 17.44 N | 20.80 2.73 34.76 N | 71.61 3.68 3.03 N | 83.27 3.60 -13.26 N | 68.72 2.93 -5.82 N | 61.24 2.58 -5.00 N |
| FORT_DRUM_COGEN 23780 | 35.82 -2.02 -0.81 N | 57.73 -3.41 -0.61 N | 48.98 -2.84 -2.07 N | 46.57 -2.75 -0.87 N | 53.01 -3.01 0.00 N | 53.84 -2.72 0.00 N | 82.29 -3.12 0.00 N | 90.79 -2.90 0.00 N | 68.42 0.55 -90.52 N | 63.37 -1.77 -6.65 N | 58.70 -1.65 -2.77 N | 71.98 -2.12 -2.46 N | 76.98 -2.59 -1.29 N | 71.49 -2.30 -4.80 N | 81.88 -2.89 -0.46 N | 70.51 -2.58 -0.87 N | 64.66 -2.36 -0.21 N | 68.47 -2.57 -0.56 N | 65.63 -2.23 -3.38 N | 57.88 -1.68 -6.74 N | 69.44 -2.11 -0.59 N | 64.63 -2.45 -0.67 N | 57.73 -2.55 -0.29 N | 51.29 -2.62 -0.25 N |
| FPL_FAR_ROCK_GT1 24212 | 57.66 4.56 -16.06 N | 79.56 6.91 -12.12 N | 96.26 5.29 -41.22 N | 70.70 4.94 -17.30 N | 61.74 5.72 0.00 N | 62.91 6.35 0.00 N | 95.26 9.85 0.00 N | 109.16 12.51 -2.95 N | 97.17 -4.84 -124.66 N | 94.88 8.41 -27.97 N | 115.88 7.75 -50.56 N | 124.84 9.26 -43.94 N | 112.34 10.62 -23.43 N | 119.90 9.02 -41.89 N | 104.22 11.55 -8.37 N | 98.41 10.38 -15.82 N | 80.43 9.72 -3.91 N | 91.20 10.58 -10.14 N | 135.63 9.63 -61.52 N | 182.73 7.29 -122.61 N | 90.96 9.33 -10.67 N | 87.12 9.21 -11.50 N | 72.44 7.42 -5.05 N | 64.53 6.53 -4.34 N |
| FPL_FAR_ROCK_GT2 23815 | 57.66 4.56 -16.06 N | 79.56 6.91 -12.12 N | 96.26 5.29 -41.22 N | 70.70 4.94 -17.30 N | 61.74 5.72 0.00 N | 62.91 6.35 0.00 N | 95.26 9.85 0.00 N | 109.16 12.51 -2.95 N | 97.17 -4.84 -124.66 N | 94.88 8.41 -27.97 N | 115.88 7.75 -50.56 N | 124.84 9.26 -43.94 N | 112.34 10.62 -23.43 N | 119.90 9.02 -41.89 N | 104.22 11.55 -8.37 N | 98.41 10.38 -15.82 N | 80.43 9.72 -3.91 N | 91.20 10.58 -10.14 N | 135.63 9.63 -61.52 N | 182.73 7.29 -122.61 N | 90.96 9.33 -10.67 N | 87.12 9.21 -11.50 N | 72.44 7.42 -5.05 N | 64.53 6.53 -4.34 N |
| FRANKLIN_FALL_HYD 24054 | 35.40 -1.64 0.00 N | 57.83 -2.71 0.00 N | 47.61 -2.13 0.00 N | 46.47 -1.99 0.00 N | 53.64 -2.38 0.00 N | 54.23 -2.33 0.00 N | 82.32 -3.09 0.00 N | 90.10 -3.60 0.00 N | 12.27 0.50 -34.42 N | 58.56 -2.04 -2.10 N | 55.83 -1.74 0.00 N | 69.76 -1.88 0.00 N | 76.16 -2.13 0.00 N | 67.93 -2.08 -1.03 N | 81.86 -2.45 0.00 N | 70.00 -2.20 0.00 N | 64.75 -2.05 0.00 N | 68.32 -2.17 0.00 N | 62.55 -1.92 0.00 N | 51.34 -1.49 0.00 N | 69.04 -1.91 0.00 N | 64.57 -1.84 0.00 N | 58.19 -1.79 0.00 N | 51.99 -1.67 0.00 N |
| FREEPORT_EQUS_GT1 23764 | 57.21 4.11 -16.06 N | 78.98 6.32 -12.12 N | 95.95 4.98 -41.22 N | 70.45 4.70 -17.30 N | 61.50 5.48 0.00 N | 62.58 6.02 0.00 N | 95.39 9.98 0.00 N | 109.32 12.67 -2.95 N | 96.91 -5.10 -124.66 N | 94.87 8.41 -27.97 N | 115.85 7.71 -50.56 N | 124.74 9.16 -43.94 N | 112.45 10.74 -23.43 N | 120.04 9.16 -41.89 N | 104.06 11.38 -8.37 N | 98.16 10.13 -15.82 N | 79.99 9.28 -3.91 N | 90.69 10.07 -10.14 N | 135.23 9.23 -61.52 N | 182.70 7.26 -122.61 N | 90.69 9.06 -10.67 N | 86.70 8.79 -11.50 N | 72.34 7.32 -5.05 N | 64.25 6.24 -4.34 N |
| FULTON COGEN____ 23766 | 38.82 0.14 -1.65 N | 61.89 0.12 -1.25 N | 53.99 0.01 -4.23 N | 50.18 -0.05 -1.78 N | 56.05 0.03 0.00 N | 56.61 0.05 0.00 N | 85.48 0.07 0.00 N | 94.08 0.38 0.00 N | 74.53 -0.47 -97.65 N | 67.31 0.68 -8.14 N | 63.65 0.68 -5.40 N | 77.15 0.78 -4.74 N | 81.32 0.52 -2.50 N | 76.57 0.59 -7.00 N | 85.43 0.23 -0.89 N | 74.23 0.33 -1.69 N | 67.62 0.40 -0.42 N | 71.80 0.23 -1.08 N | 71.35 0.29 -6.58 N | 66.29 0.35 -13.11 N | 72.68 0.58 -1.14 N | 67.94 0.27 -1.26 N | 60.78 0.25 -0.55 N | 54.28 0.14 -0.48 N |
| Freeport____CT2 23818 | 57.21 4.11 -16.06 N | 78.98 6.32 -12.12 N | 95.95 4.98 -41.22 N | 70.45 4.70 -17.30 N | 61.50 5.48 0.00 N | 62.58 6.02 0.00 N | 95.39 9.98 0.00 N | 109.32 12.67 -2.95 N | 96.91 -5.10 -124.66 N | 94.87 8.41 -27.97 N | 115.85 7.71 -50.56 N | 124.74 9.16 -43.94 N | 112.45 10.74 -23.43 N | 120.04 9.16 -41.89 N | 104.06 11.38 -8.37 N | 98.16 10.13 -15.82 N | 79.99 9.28 -3.91 N | 90.69 10.07 -10.14 N | 135.23 9.23 -61.52 N | 182.70 7.26 -122.61 N | 90.69 9.06 -10.67 N | 86.70 8.79 -11.50 N | 72.34 7.32 -5.05 N | 64.25 6.24 -4.34 N |
| G.F.CEMENT____DRP 24184 | 58.39 0.48 -20.87 N | 77.58 1.29 -15.76 N | 104.63 1.30 -53.58 N | 72.13 1.19 -22.49 N | 57.40 1.37 0.00 N | 58.23 1.66 0.00 N | 87.75 2.34 0.00 N | 96.84 3.15 0.00 N | 100.22 -1.43 -124.29 N | 61.71 1.43 -1.78 N | 43.99 1.39 14.97 N | 85.26 2.02 -11.60 N | 73.50 2.14 6.94 N | 63.39 1.98 7.58 N | 84.48 2.66 2.49 N | 72.13 2.36 1.17 N | 67.51 1.89 3.05 N | 69.56 2.12 3.05 N | 47.40 1.41 18.48 N | 17.13 1.14 36.83 N | 69.58 1.83 3.21 N | 82.63 2.44 -13.78 N | 67.73 1.71 -6.04 N | 60.31 1.45 -5.20 N |
| GARDENVILLE____LBMP 24039 | 37.24 -2.44 -2.64 N | 58.32 -4.21 -1.99 N | 52.74 -3.77 -6.78 N | 47.49 -3.81 -2.84 N | 52.18 -3.83 0.00 N | 52.78 -3.78 0.00 N | 79.35 -6.06 0.00 N | 86.79 -6.91 0.00 N | 86.34 2.90 -106.09 N | 64.26 -4.19 -9.96 N | 61.84 -4.38 -8.65 N | 73.80 -5.38 -7.54 N | 76.54 -5.76 -4.01 N | 73.34 -5.34 -9.70 N | 78.68 -7.05 -1.43 N | 68.60 -6.32 -2.71 N | 61.68 -5.79 -0.67 N | 66.30 -5.92 -1.73 N | 69.88 -5.12 -10.52 N | 69.89 -3.91 -20.97 N | 68.28 -4.50 -1.83 N | 63.31 -5.08 -1.99 N | 56.42 -4.43 -0.87 N | 50.56 -3.86 -0.75 N |
| GENERAL____MILLS 23808 | 37.39 -2.33 -2.68 N | 58.53 -4.03 -2.03 N | 52.99 -3.65 -6.89 N | 47.69 -3.66 -2.89 N | 52.34 -3.68 0.00 N | 52.95 -3.61 0.00 N | 79.56 -5.85 0.00 N | 87.00 -6.69 0.00 N | 86.42 2.89 -106.17 N | 64.49 -4.03 -10.02 N | 62.15 -4.21 -8.79 N | 74.13 -5.17 -7.66 N | 76.82 -5.54 -4.07 N | 73.65 -5.14 -9.81 N | 78.93 -6.83 -1.45 N | 68.88 -6.08 -2.75 N | 61.89 -5.59 -0.68 N | 66.53 -5.71 -1.76 N | 70.21 -4.96 -10.69 N | 70.35 -3.79 -21.31 N | 68.54 -4.28 -1.86 N | 63.55 -4.87 -2.02 N | 56.61 -4.26 -0.88 N | 50.74 -3.68 -0.76 N |
| GE_PLASTICS____DRP 24183 | 58.13 0.97 -20.12 N | 77.32 1.59 -15.19 N | 102.66 1.26 -51.65 N | 71.38 1.24 -21.68 N | 57.60 1.58 0.00 N | 58.25 1.69 0.00 N | 87.70 2.29 0.00 N | 96.52 2.82 0.00 N | 100.28 -1.76 -124.68 N | 59.70 2.09 0.88 N | 37.91 2.03 21.69 N | 81.53 2.54 -7.35 N | 71.08 2.84 10.05 N | 58.96 2.62 12.64 N | 83.97 3.23 3.57 N | 70.84 2.84 4.21 N | 67.62 2.47 1.65 N | 68.97 2.75 4.27 N | 40.86 2.29 25.90 N | 3.07 1.86 51.62 N | 68.97 2.51 4.49 N | 82.35 2.58 -13.36 N | 67.91 2.07 -5.86 N | 60.54 1.83 -5.04 N |
| GILBOA____I 23756 | 54.11 1.45 -15.62 N | 74.75 2.43 -11.79 N | 91.99 2.15 -40.10 N | 67.34 2.06 -16.83 N | 58.48 2.46 0.00 N | 58.94 2.38 0.00 N | 88.93 3.52 0.00 N | 97.92 4.22 0.00 N | 99.72 -2.17 -124.53 N | 88.74 3.09 -27.15 N | 109.03 2.91 -48.55 N | 117.07 3.67 -41.76 N | 104.91 4.13 -22.49 N | 113.06 3.72 -40.36 N | 96.90 4.56 -8.03 N | 91.26 3.89 -15.15 N | 74.01 3.45 -3.75 N | 84.01 3.78 -9.74 N | 126.93 3.35 -59.10 N | 173.29 2.68 -117.79 N | 84.80 3.59 -10.25 N | 80.72 3.57 -10.74 N | 67.69 2.99 -4.71 N | 60.24 2.52 -4.05 N |

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| GILBOA___2 23757 | 54.11 1.45 -15.62 N | 74.75 2.43 -11.79 N | 91.99 2.15 -40.10 N | 67.34 2.06 -16.83 N | 58.48 2.46 0.00 N | 58.94 2.38 0.00 N | 88.93 3.52 0.00 N | 97.92 4.22 0.00 N | 99.72 -2.17 -124.53 N | 88.74 3.09 -27.15 N | 109.03 2.91 -48.55 N | 117.07 3.67 -41.76 N | 104.91 4.13 -22.49 N | 113.06 3.72 -40.36 N | 96.90 4.56 -8.03 N | 91.26 3.89 -15.15 N | 74.01 3.45 -3.75 N | 84.01 3.78 -9.74 N | 126.93 3.35 -59.10 N | 173.29 2.68 -117.79 N | 84.80 3.59 -10.25 N | 80.72 3.57 -10.74 N | 67.69 2.99 -4.71 N | 60.24 2.52 -4.05 N |
| GILBOA___3 23758 | 54.11 1.45 -15.62 N | 74.75 2.43 -11.79 N | 91.99 2.15 -40.10 N | 67.34 2.06 -16.83 N | 58.48 2.46 0.00 N | 58.94 2.38 0.00 N | 88.93 3.52 0.00 N | 97.92 4.22 0.00 N | 99.72 -2.17 -124.53 N | 88.74 3.09 -27.15 N | 109.03 2.91 -48.55 N | 117.07 3.67 -41.76 N | 104.91 4.13 -22.49 N | 113.06 3.72 -40.36 N | 96.90 4.56 -8.03 N | 91.26 3.89 -15.15 N | 74.01 3.45 -3.75 N | 84.01 3.78 -9.74 N | 126.93 3.35 -59.10 N | 173.29 2.68 -117.79 N | 84.80 3.59 -10.25 N | 80.72 3.57 -10.74 N | 67.69 2.99 -4.71 N | 60.24 2.52 -4.05 N |
| GILBOA___4 23759 | 54.11 1.45 -15.62 N | 74.75 2.43 -11.79 N | 91.99 2.15 -40.10 N | 67.34 2.06 -16.83 N | 58.48 2.46 0.00 N | 58.94 2.38 0.00 N | 88.93 3.52 0.00 N | 97.92 4.22 0.00 N | 99.72 -2.17 -124.53 N | 88.74 3.09 -27.15 N | 109.03 2.91 -48.55 N | 117.07 3.67 -41.76 N | 104.91 4.13 -22.49 N | 113.06 3.72 -40.36 N | 96.90 4.56 -8.03 N | 91.26 3.89 -15.15 N | 74.01 3.45 -3.75 N | 84.01 3.78 -9.74 N | 126.93 3.35 -59.10 N | 173.29 2.68 -117.79 N | 84.80 3.59 -10.25 N | 80.72 3.57 -10.74 N | 67.69 2.99 -4.71 N | 60.24 2.52 -4.05 N |
| GILBOA___ 23599 | 54.11 1.45 -15.62 N | 74.75 2.43 -11.79 N | 91.99 2.15 -40.10 N | 67.34 2.06 -16.83 N | 58.48 2.46 0.00 N | 58.94 2.38 0.00 N | 88.93 3.52 0.00 N | 97.92 4.22 0.00 N | 99.72 -2.17 -124.53 N | 88.74 3.09 -27.15 N | 109.03 2.91 -48.55 N | 117.07 3.67 -41.76 N | 104.91 4.13 -22.49 N | 113.06 3.72 -40.36 N | 96.90 4.56 -8.03 N | 91.26 3.89 -15.15 N | 74.01 3.45 -3.75 N | 84.01 3.78 -9.74 N | 126.93 3.35 -59.10 N | 173.29 2.68 -117.79 N | 84.80 3.59 -10.25 N | 80.72 3.57 -10.74 N | 67.69 2.99 -4.71 N | 60.24 2.52 -4.05 N |
| GINNA___ 23603 | 36.33 -2.62 -1.91 N | 57.51 -4.47 -1.45 N | 50.81 -3.85 -4.91 N | 46.74 -3.77 -2.06 N | 52.11 -3.91 0.00 N | 52.77 -3.79 0.00 N | 79.26 -6.15 0.00 N | 87.24 -6.45 0.00 N | 83.70 1.87 -104.48 N | 63.84 -3.54 -8.89 N | 60.19 -3.62 -6.23 N | 72.54 -4.57 -5.46 N | 76.01 -5.17 -2.89 N | 72.08 -4.73 -7.83 N | 79.22 -6.11 -1.03 N | 68.87 -5.30 -1.95 N | 62.38 -4.90 -0.48 N | 66.44 -5.30 -1.25 N | 67.32 -4.74 -7.59 N | 64.28 -3.68 -15.13 N | 68.05 -4.22 -1.32 N | 63.26 -4.60 -1.45 N | 56.37 -4.25 -0.64 N | 50.40 -3.82 -0.55 N |
| GLEN PARK___ 23778 | 36.09 -1.86 -0.91 N | 58.08 -3.14 -0.68 N | 49.43 -2.64 -2.32 N | 46.86 -2.57 -0.97 N | 53.23 -2.79 0.00 N | 54.08 -2.48 0.00 N | 82.86 -2.55 0.00 N | 91.51 -2.19 0.00 N | 69.09 0.35 -91.39 N | 63.99 -1.33 -6.82 N | 59.45 -1.20 -3.08 N | 72.75 -1.61 -2.73 N | 77.69 -2.03 -1.43 N | 72.29 -1.76 -5.06 N | 82.52 -2.29 -0.51 N | 71.08 -2.10 -0.97 N | 65.11 -1.93 -0.24 N | 69.00 -2.11 -0.62 N | 66.48 -1.75 -3.75 N | 59.03 -1.27 -7.47 N | 70.05 -1.56 -0.65 N | 65.18 -1.96 -0.74 N | 58.14 -2.16 -0.32 N | 51.64 -2.31 -0.28 N |
| GLENWOOD_IC_1_G5 23712 | 56.89 3.79 -16.06 N | 78.54 5.89 -12.12 N | 95.60 4.63 -41.22 N | 70.13 4.38 -17.30 N | 61.18 5.16 0.00 N | 62.17 5.61 0.00 N | 94.75 9.34 0.00 N | 108.47 11.82 -2.95 N | 97.08 -4.93 -124.66 N | 94.66 8.20 -27.97 N | 115.83 7.70 -50.56 N | 124.91 9.33 -43.94 N | 112.29 10.57 -23.43 N | 120.02 9.15 -41.89 N | 104.06 11.38 -8.37 N | 98.03 10.00 -15.82 N | 79.79 9.09 -3.91 N | 90.45 9.83 -10.14 N | 134.90 8.90 -61.52 N | 182.53 7.09 -122.61 N | 90.68 9.05 -10.67 N | 86.55 8.63 -11.50 N | 72.11 7.09 -5.05 N | 63.98 5.98 -4.34 N |
| GLENWOOD_IC_2_G1 23688 | 56.70 3.61 -16.06 N | 78.21 5.56 -12.12 N | 95.32 4.35 -41.22 N | 69.87 4.12 -17.30 N | 60.86 4.84 0.00 N | 61.82 5.25 0.00 N | 94.15 8.74 0.00 N | 107.68 11.03 -2.95 N | 97.23 -4.78 -124.66 N | 94.17 7.70 -27.97 N | 115.33 7.20 -50.56 N | 124.37 8.79 -43.94 N | 111.64 9.92 -23.43 N | 119.53 8.66 -41.89 N | 103.40 10.73 -8.37 N | 97.44 9.41 -15.82 N | 79.22 8.50 -3.91 N | 89.85 9.23 -10.14 N | 134.32 8.32 -61.52 N | 182.08 6.64 -122.61 N | 90.19 8.56 -10.67 N | 86.14 8.23 -11.50 N | 71.78 6.76 -5.05 N | 63.71 5.71 -4.34 N |
| GLENWOOD_IC_3_G1 23689 | 56.70 3.61 -16.06 N | 78.21 5.56 -12.12 N | 95.32 4.35 -41.22 N | 69.87 4.12 -17.30 N | 60.86 4.84 0.00 N | 61.82 5.25 0.00 N | 94.15 8.74 0.00 N | 107.68 11.03 -2.95 N | 97.23 -4.78 -124.66 N | 94.17 7.70 -27.97 N | 115.33 7.20 -50.56 N | 124.37 8.79 -43.94 N | 111.64 9.92 -23.43 N | 119.53 8.66 -41.89 N | 103.40 10.73 -8.37 N | 97.44 9.41 -15.82 N | 79.22 8.50 -3.91 N | 89.85 9.23 -10.14 N | 134.32 8.32 -61.52 N | 182.08 6.64 -122.61 N | 90.19 8.56 -10.67 N | 86.14 8.23 -11.50 N | 71.78 6.76 -5.05 N | 63.71 5.71 -4.34 N |
| GLENWOOD___4 23550 | 56.89 3.79 -16.06 N | 78.54 5.89 -12.12 N | 95.60 4.63 -41.22 N | 70.13 4.38 -17.30 N | 61.18 5.16 0.00 N | 62.17 5.61 0.00 N | 94.75 9.34 0.00 N | 108.47 11.82 -2.95 N | 97.08 -4.93 -124.66 N | 94.66 8.20 -27.97 N | 115.83 7.70 -50.56 N | 124.91 9.33 -43.94 N | 112.29 10.57 -23.43 N | 120.02 9.15 -41.89 N | 104.06 11.39 -8.37 N | 98.03 10.00 -15.82 N | 79.79 9.09 -3.91 N | 90.45 9.83 -10.14 N | 134.90 8.90 -61.52 N | 182.53 7.09 -122.61 N | 90.68 9.05 -10.67 N | 86.55 8.63 -11.50 N | 72.11 7.09 -5.05 N | 63.98 5.98 -4.34 N |
| GLENWOOD___5 23614 | 56.89 3.79 -16.06 N | 78.54 5.89 -12.12 N | 95.60 4.63 -41.22 N | 70.13 4.38 -17.30 N | 61.18 5.16 0.00 N | 62.17 5.61 0.00 N | 94.75 9.34 0.00 N | 108.47 11.82 -2.95 N | 97.08 -4.93 -124.66 N | 94.66 8.20 -27.97 N | 115.83 7.70 -50.56 N | 124.91 9.33 -43.94 N | 112.29 10.57 -23.43 N | 120.02 9.15 -41.89 N | 104.06 11.39 -8.37 N | 98.03 10.00 -15.82 N | 79.79 9.09 -3.91 N | 90.45 9.83 -10.14 N | 134.90 8.90 -61.52 N | 182.53 7.09 -122.61 N | 90.68 9.05 -10.67 N | 86.55 8.63 -11.50 N | 72.11 7.09 -5.05 N | 63.98 5.98 -4.34 N |
| GLOBAL GREEN_PORT_GT1 23814 | 58.84 5.75 -16.06 N | 81.88 9.23 -12.12 N | 98.51 7.54 -41.22 N | 72.94 7.18 -17.30 N | 64.56 8.54 0.00 N | 65.97 9.40 0.00 N | 101.47 16.06 0.00 N | 116.72 20.08 -2.95 N | 95.00 -7.01 -124.66 N | 99.62 13.16 -27.97 N | 120.37 12.24 -50.56 N | 129.82 14.24 -43.94 N | 117.70 15.98 -23.43 N | 124.31 13.44 -41.89 N | 109.19 16.52 -8.37 N | 102.66 14.63 -15.82 N | 84.19 13.48 -3.91 N | 95.27 14.65 -10.14 N | 139.74 13.74 -61.52 N | 186.81 11.37 -122.61 N | 96.03 14.40 -10.67 N | 91.02 13.11 -11.50 N | 75.54 10.51 -5.05 N | 66.65 8.65 -4.34 N |
| GOETHSLN___LBMP 323567 | 56.43 3.34 -16.06 N | 77.74 5.09 -12.12 N | 94.92 3.96 -41.21 N | 69.51 3.75 -17.30 N | 60.42 4.40 0.00 N | 61.33 4.77 0.00 N | 93.47 8.06 0.00 N | 103.94 10.24 0.00 N | 97.31 -4.70 -124.66 N | 93.81 7.35 -27.97 N | 115.02 6.90 -50.55 N | 124.26 8.68 -43.93 N | 111.36 9.64 -23.42 N | 119.48 8.61 -41.89 N | 103.17 10.50 -8.37 N | 97.04 9.02 -15.82 N | 78.86 8.15 -3.91 N | 89.50 8.88 -10.14 N | 133.90 7.91 -61.52 N | 181.78 6.36 -122.60 N | 89.93 8.30 -10.67 N | 85.90 7.99 -11.50 N | 71.57 6.55 -5.04 N | 63.48 5.48 -4.34 N |
| GOUDEY___7 23579 | 43.24 0.61 -5.60 N | 65.63 0.88 -4.22 N | 64.69 0.59 -14.36 N | 54.90 0.42 -6.03 N | 56.77 0.75 0.00 N | 57.50 0.94 0.00 N | 87.58 2.17 0.00 N | 97.02 3.33 0.00 N | 87.98 -1.30 -111.92 N | 74.86 2.08 -14.29 N | 78.02 1.95 -18.50 N | 90.23 2.56 -16.02 N | 89.72 2.86 -8.57 N | 88.82 2.53 -17.31 N | 90.03 2.67 -3.06 N | 79.91 1.92 -5.78 N | 70.04 1.81 -1.43 N | 76.38 2.19 -3.71 N | 89.25 2.27 -22.50 N | 99.87 2.20 -44.85 N | 77.61 2.75 -3.90 N | 72.75 2.17 -4.17 N | 63.49 1.68 -1.83 N | 56.25 1.01 -1.57 N |

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| 24118 | | 3.68 -16.06 N | 5.61 -12.12 N | 4.39 -41.22 N | 4.14 -17.30 N | 4.87 0.00 N | 5.26 0.00 N | 8.88 0.00 N | 11.10 0.00 N | -4.95 -124.66 N | 7.91 -27.97 N | 7.38 -50.55 N | 9.27 -43.94 N | 10.26 -23.43 N | 9.18 -41.89 N | 11.18 -8.37 N | 9.62 -15.82 N | 8.66 -3.91 N | 9.43 -10.14 N | 8.35 -61.52 N | 6.63 -122.60 N | 8.89 -10.67 N | 8.63 -11.50 N | 7.08 -5.04 N | 5.93 -4.34 N |
| GOWANUS_GT2_6 | 24119 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT2_7 | 24120 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT2_8 | 24121 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT3_1 | 24122 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT3_2 | 24123 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT3_3 | 24124 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT3_4 | 24125 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT3_5 | 24126 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT3_6 | 24127 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT3_7 | 24128 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT3_8 | 24129 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT4_1 | 24130 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT4_2 | 24131 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |

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| GOWANUS_GT4_3 24132 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT4_4 24133 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT4_5 24134 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT4_6 24135 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT4_7 24136 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GOWANUS_GT4_8 24137 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| GREENIDGE___3 23582 | 39.55 -0.58 -3.10 N | 61.48 -1.39 -2.34 N | 56.26 -1.44 -7.95 N | 50.25 -1.54 -3.34 N | 55.16 -0.86 0.00 N | 55.98 -0.58 0.00 N | 85.09 -0.32 0.00 N | 94.39 0.70 0.00 N | 83.68 -0.12 -106.45 N | 69.44 0.33 -10.62 N | 68.06 0.26 -10.22 N | 80.93 0.39 -8.90 N | 83.36 0.33 -4.74 N | 80.05 0.17 -10.90 N | 85.53 -0.46 -1.69 N | 74.52 -0.89 -3.20 N | 66.75 -0.84 -0.79 N | 71.80 -0.73 -2.05 N | 76.61 -0.29 -12.42 N | 77.83 0.25 -24.75 N | 73.61 0.50 -2.16 N | 68.38 -0.36 -2.33 N | 60.37 -0.63 -1.02 N | 53.48 -1.07 -0.88 N |
| GREENIDGE___4 23583 | 39.55 -0.58 -3.10 N | 61.48 -1.39 -2.34 N | 56.26 -1.44 -7.95 N | 50.25 -1.54 -3.34 N | 55.16 -0.86 0.00 N | 55.98 -0.58 0.00 N | 85.09 -0.32 0.00 N | 94.39 0.70 0.00 N | 83.68 -0.12 -106.45 N | 69.44 0.33 -10.62 N | 68.06 0.26 -10.22 N | 80.93 0.39 -8.90 N | 83.36 0.33 -4.74 N | 80.05 0.17 -10.90 N | 85.53 -0.46 -1.69 N | 74.52 -0.89 -3.20 N | 66.75 -0.84 -0.79 N | 71.80 -0.73 -2.05 N | 76.61 -0.29 -12.42 N | 77.83 0.25 -24.75 N | 73.61 0.50 -2.16 N | 68.38 -0.36 -2.33 N | 60.37 -0.63 -1.02 N | 53.48 -1.07 -0.88 N |
| GROVEVILLE___HYD 323602 | 56.46 3.13 -16.29 N | 77.68 4.85 -12.30 N | 95.38 3.81 -41.82 N | 69.64 3.63 -17.55 N | 60.31 4.29 0.00 N | 61.16 4.60 0.00 N | 92.91 7.50 0.00 N | 103.13 9.43 0.00 N | 97.60 -4.40 -124.64 N | 90.59 6.75 -25.34 N | 107.82 6.26 -43.98 N | 120.03 7.85 -40.54 N | 109.16 9.80 -21.06 N | 115.40 8.31 -38.10 N | 101.93 10.09 -7.54 N | 95.31 8.68 -14.41 N | 78.16 7.84 -3.52 N | 88.06 8.45 -9.13 N | 125.25 7.29 -53.49 N | 165.20 5.80 -106.57 N | 88.05 7.82 -9.28 N | 85.51 7.48 -11.62 N | 71.17 6.09 -5.10 N | 63.05 5.01 -4.38 N |
| HAMPSHIRE___PAPER_HYD 323593 | 34.56 -2.48 0.00 N | 56.48 -4.05 0.00 N | 46.47 -3.28 0.00 N | 45.35 -3.10 0.00 N | 52.45 -3.57 0.00 N | 53.08 -3.48 0.00 N | 80.74 -4.67 0.00 N | 88.46 -5.24 0.00 N | 45.59 1.06 -67.18 N | 59.43 -3.17 -4.11 N | 54.64 -2.93 0.00 N | 68.59 -3.42 -0.36 N | 74.39 -3.90 0.00 N | 67.41 -3.58 -2.01 N | 80.01 -4.29 0.00 N | 68.57 -3.68 -0.03 N | 63.43 -3.37 0.00 N | 66.92 -3.57 0.00 N | 61.36 -3.12 0.00 N | 50.29 -2.53 0.00 N | 67.61 -3.35 0.00 N | 63.27 -3.40 -0.25 N | 56.85 -3.24 -0.11 N | 50.80 -2.97 -0.10 N |
| HARZA MOOSE___RIVER 24016 | 36.42 -0.62 0.00 N | 59.45 -1.08 0.00 N | 48.85 -0.90 0.00 N | 47.58 -0.88 0.00 N | 55.12 -0.90 0.00 N | 55.84 -0.72 0.00 N | 84.95 -0.46 0.00 N | 93.70 0.00 0.00 N | 80.92 -0.24 -103.81 N | 64.97 0.13 -6.35 N | 57.74 0.17 0.00 N | 72.28 0.22 -0.42 N | 78.39 0.10 0.00 N | 72.10 0.01 -3.11 N | 84.18 -0.13 0.00 N | 72.07 -0.18 -0.04 N | 66.58 -0.22 0.00 N | 70.20 -0.29 0.00 N | 64.32 -0.16 0.00 N | 52.81 -0.02 0.00 N | 71.02 0.07 0.00 N | 66.51 -0.19 -0.30 N | 59.67 -0.44 -0.13 N | 53.16 -0.62 -0.11 N |
| HEMPSTEAD___ 23647 | 56.92 3.82 -16.06 N | 78.55 5.90 -12.12 N | 95.60 4.64 -41.22 N | 70.13 4.37 -17.30 N | 61.15 5.12 0.00 N | 62.20 5.64 0.00 N | 94.79 9.38 0.00 N | 108.59 11.94 -2.95 N | 97.03 -4.98 -124.66 N | 94.66 8.20 -27.97 N | 115.71 7.58 -50.56 N | 124.65 9.07 -43.94 N | 112.11 10.39 -23.43 N | 119.75 8.87 -41.89 N | 103.80 11.12 -8.37 N | 97.92 9.89 -15.82 N | 79.75 9.04 -3.91 N | 90.42 9.79 -10.14 N | 134.94 8.94 -61.52 N | 182.49 7.06 -122.61 N | 90.47 8.84 -10.67 N | 86.37 8.46 -11.50 N | 71.99 6.97 -5.05 N | 63.90 5.90 -4.34 N |
| HICKLING___1 23621 | 41.98 1.01 -3.94 N | 64.91 1.40 -2.97 N | 60.75 0.89 -10.11 N | 53.29 0.59 -4.24 N | 57.39 1.37 0.00 N | 58.48 1.92 0.00 N | 90.02 4.61 0.00 N | 100.44 6.75 0.00 N | 84.93 -0.90 -108.49 N | 73.92 3.55 -11.87 N | 74.09 3.49 -13.03 N | 87.58 4.62 -11.32 N | 89.43 5.10 -6.04 N | 86.50 4.43 -13.08 N | 90.96 4.50 -2.16 N | 79.45 3.17 -4.08 N | 70.90 3.10 -1.01 N | 76.79 3.69 -2.61 N | 84.30 3.99 -15.83 N | 88.35 3.98 -31.54 N | 78.72 5.02 -2.75 N | 73.03 3.67 -2.95 N | 64.13 2.86 -1.30 N | 56.33 1.55 -1.11 N |
| HICKLING___2 23622 | 41.98 1.01 -3.94 N | 64.91 1.40 -2.97 N | 60.75 0.89 -10.11 N | 53.29 0.59 -4.24 N | 57.39 1.37 0.00 N | 58.48 1.92 0.00 N | 90.02 4.61 0.00 N | 100.44 6.75 0.00 N | 84.93 -0.90 -108.49 N | 73.92 3.55 -11.87 N | 74.09 3.49 -13.03 N | 87.58 4.62 -11.32 N | 89.43 5.10 -6.04 N | 86.50 4.43 -13.08 N | 90.96 4.50 -2.16 N | 79.45 3.17 -4.08 N | 70.90 3.10 -1.01 N | 76.79 3.69 -2.61 N | 84.30 3.99 -15.83 N | 88.35 3.98 -31.54 N | 78.72 5.02 -2.75 N | 73.03 3.67 -2.95 N | 64.13 2.86 -1.30 N | 56.33 1.55 -1.11 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 |
| HIGH FALLS___HY 23754 | 56.04 3.03 -15.97 N | 77.31 4.73 -12.06 N | 94.48 3.74 -41.00 N | 69.18 3.52 -17.21 N | 60.18 4.16 0.00 N | 61.00 4.44 0.00 N | 92.92 7.51 0.00 N | 103.20 9.50 0.00 N | 97.23 -4.74 -124.62 N | 90.88 7.30 -43.35 N | 107.73 6.81 -40.04 N | 120.07 8.38 -20.05 N | 107.52 9.18 -36.39 N | 113.70 8.33 -7.16 N | 101.62 10.16 -13.77 N | 94.48 8.51 -13.77 N | 77.56 7.41 -3.35 N | 87.27 8.11 -8.67 N | 124.59 7.37 -52.74 N | 164.09 6.15 -105.11 N | 88.25 8.14 -9.15 N | 85.44 7.54 -11.49 N | 71.20 6.18 -5.04 N | 63.09 5.09 -4.33 N | |
| HILLBURN___GT 23639 | 55.57 3.34 -15.19 N | 77.15 5.16 -11.46 N | 92.75 4.03 -38.99 N | 68.62 3.80 -16.36 N | 60.48 4.46 0.00 N | 61.34 4.78 0.00 N | 93.43 8.03 0.00 N | 103.65 9.95 0.00 N | 97.26 -4.66 -124.57 N | 92.86 7.08 -48.88 N | 112.95 6.49 -42.53 N | 122.31 8.14 -22.64 N | 109.99 9.05 -40.61 N | 117.73 8.14 -8.09 N | 102.38 9.98 -15.29 N | 96.01 8.51 -3.78 N | 78.09 7.51 -9.80 N | 88.38 8.10 -59.48 N | 131.24 7.28 -118.54 N | 177.40 6.04 -10.32 N | 89.28 8.00 -11.16 N | 85.19 7.62 -4.89 N | 71.08 6.21 -8.99 N | 63.10 5.23 -4.21 N | |
| HOLTSVILLE_IC_1 23690 | 57.27 4.18 -16.06 N | 79.13 6.47 -12.12 N | 96.18 5.21 -41.22 N | 70.68 4.93 -17.30 N | 61.82 5.80 0.00 N | 62.91 6.35 0.00 N | 96.10 10.70 0.00 N | 110.21 13.57 -2.95 N | 96.60 -5.41 -124.66 N | 95.60 9.13 -27.97 N | 116.41 8.27 -50.56 N | 125.17 9.59 -43.94 N | 112.78 11.06 -23.43 N | 120.10 9.23 -41.89 N | 104.36 11.69 -8.37 N | 98.71 10.68 -15.82 N | 80.55 9.84 -3.91 N | 91.29 10.66 -10.14 N | 135.83 9.83 -61.52 N | 183.19 7.75 -122.61 N | 91.05 9.42 -10.67 N | 86.81 8.90 -11.50 N | 72.23 7.21 -5.05 N | 64.16 6.15 -4.34 N | |
| HOLTSVILLE_IC_10 23699 | 57.54 4.44 -16.06 N | 79.57 6.92 -12.12 N | 96.54 5.57 -41.22 N | 71.03 5.28 -17.30 N | 62.23 6.21 0.00 N | 63.34 6.78 0.00 N | 96.89 11.48 0.00 N | 111.20 14.55 -2.95 N | 96.40 -5.61 -124.66 N | 96.23 9.76 -27.97 N | 117.02 8.89 -50.56 N | 125.95 10.37 -43.94 N | 113.61 11.89 -23.43 N | 120.82 9.95 -41.89 N | 105.25 12.57 -8.37 N | 99.45 11.42 -15.82 N | 81.23 10.52 -3.91 N | 92.03 11.40 -10.14 N | 136.53 10.53 -61.52 N | 183.81 8.37 -122.61 N | 91.90 10.28 -10.67 N | 87.53 9.62 -11.50 N | 72.83 7.81 -5.05 N | 64.61 6.61 -4.34 N | |
| HOLTSVILLE_IC_2 23691 | 57.27 4.18 -16.06 N | 79.13 6.47 -12.12 N | 96.18 5.21 -41.22 N | 70.68 4.93 -17.30 N | 61.82 5.80 0.00 N | 62.91 6.35 0.00 N | 96.10 10.70 0.00 N | 110.21 13.57 -2.95 N | 96.60 -5.41 -124.66 N | 95.60 9.13 -27.97 N | 116.41 8.27 -50.56 N | 125.17 9.59 -43.94 N | 112.78 11.06 -23.43 N | 120.10 9.23 -41.89 N | 104.36 11.69 -8.37 N | 98.71 10.68 -15.82 N | 80.55 9.84 -3.91 N | 91.29 10.66 -10.14 N | 135.83 9.83 -61.52 N | 183.19 7.75 -122.61 N | 91.05 9.42 -10.67 N | 86.81 8.90 -11.50 N | 72.23 7.21 -5.05 N | 64.16 6.15 -4.34 N | |
| HOLTSVILLE_IC_3 23692 | 57.27 4.18 -16.06 N | 79.13 6.47 -12.12 N | 96.18 5.21 -41.22 N | 70.68 4.93 -17.30 N | 61.82 5.80 0.00 N | 62.91 6.35 0.00 N | 96.10 10.70 0.00 N | 110.21 13.57 -2.95 N | 96.60 -5.41 -124.66 N | 95.60 9.13 -27.97 N | 116.41 8.27 -50.56 N | 125.17 9.59 -43.94 N | 112.78 11.06 -23.43 N | 120.10 9.23 -41.89 N | 104.36 11.69 -8.37 N | 98.71 10.68 -15.82 N | 80.55 9.84 -3.91 N | 91.29 10.66 -10.14 N | 135.83 9.83 -61.52 N | 183.19 7.75 -122.61 N | 91.05 9.42 -10.67 N | 86.81 8.90 -11.50 N | 72.23 7.21 -5.05 N | 64.16 6.15 -4.34 N | |
| HOLTSVILLE_IC_4 23693 | 57.27 4.18 -16.06 N | 79.13 6.47 -12.12 N | 96.18 5.21 -41.22 N | 70.68 4.93 -17.30 N | 61.82 5.80 0.00 N | 62.91 6.35 0.00 N | 96.10 10.70 0.00 N | 110.21 13.57 -2.95 N | 96.60 -5.41 -124.66 N | 95.60 9.13 -27.97 N | 116.41 8.27 -50.56 N | 125.17 9.59 -43.94 N | 112.78 11.06 -23.43 N | 120.10 9.23 -41.89 N | 104.36 11.69 -8.37 N | 98.71 10.68 -15.82 N | 80.55 9.84 -3.91 N | 91.29 10.66 -10.14 N | 135.83 9.83 -61.52 N | 183.19 7.75 -122.61 N | 91.05 9.42 -10.67 N | 86.81 8.90 -11.50 N | 72.23 7.21 -5.05 N | 64.16 6.15 -4.34 N | |
| HOLTSVILLE_IC_5 23694 | 57.27 4.18 -16.06 N | 79.13 6.47 -12.12 N | 96.18 5.21 -41.22 N | 70.68 4.93 -17.30 N | 61.82 5.80 0.00 N | 62.91 6.35 0.00 N | 96.10 10.70 0.00 N | 110.21 13.57 -2.95 N | 96.60 -5.41 -124.66 N | 95.60 9.13 -27.97 N | 116.41 8.27 -50.56 N | 125.17 9.59 -43.94 N | 112.78 11.06 -23.43 N | 120.10 9.23 -41.89 N | 104.36 11.69 -8.37 N | 98.71 10.68 -15.82 N | 80.55 9.84 -3.91 N | 91.29 10.66 -10.14 N | 135.83 9.83 -61.52 N | 183.19 7.75 -122.61 N | 91.05 9.42 -10.67 N | 86.81 8.90 -11.50 N | 72.23 7.21 -5.05 N | 64.16 6.15 -4.34 N | |
| HOLTSVILLE_IC_6 23695 | 57.54 4.44 -16.06 N | 79.57 6.92 -12.12 N | 96.54 5.57 -41.22 N | 71.03 5.28 -17.30 N | 62.23 6.21 0.00 N | 63.34 6.78 0.00 N | 96.89 11.48 0.00 N | 111.20 14.55 -2.95 N | 96.40 -5.61 -124.66 N | 96.23 9.76 -27.97 N | 117.02 8.89 -50.56 N | 125.95 10.37 -43.94 N | 113.61 11.89 -23.43 N | 120.82 9.95 -41.89 N | 105.25 12.57 -8.37 N | 99.45 11.42 -15.82 N | 81.23 10.52 -3.91 N | 92.03 11.40 -10.14 N | 136.53 10.53 -61.52 N | 183.81 8.37 -122.61 N | 91.90 10.28 -10.67 N | 87.53 9.62 -11.50 N | 72.83 7.81 -5.05 N | 64.61 6.61 -4.34 N | |
| HOLTSVILLE_IC_7 23696 | 57.54 4.44 -16.06 N | 79.57 6.92 -12.12 N | 96.54 5.57 -41.22 N | 71.03 5.28 -17.30 N | 62.23 6.21 0.00 N | 63.34 6.78 0.00 N | 96.89 11.48 0.00 N | 111.20 14.55 -2.95 N | 96.40 -5.61 -124.66 N | 96.23 9.76 -27.97 N | 117.02 8.89 -50.56 N | 125.95 10.37 -43.94 N | 113.61 11.89 -23.43 N | 120.82 9.95 -41.89 N | 105.25 12.57 -8.37 N | 99.45 11.42 -15.82 N | 81.23 10.52 -3.91 N | 92.03 11.40 -10.14 N | 136.53 10.53 -61.52 N | 183.81 8.37 -122.61 N | 91.90 10.28 -10.67 N | 87.53 9.62 -11.50 N | 72.83 7.81 -5.05 N | 64.61 6.61 -4.34 N | |
| HOLTSVILLE_IC_8 23697 | 57.54 4.44 -16.06 N | 79.57 6.92 -12.12 N | 96.54 5.57 -41.22 N | 71.03 5.28 -17.30 N | 62.23 6.21 0.00 N | 63.34 6.78 0.00 N | 96.89 11.48 0.00 N | 111.20 14.55 -2.95 N | 96.40 -5.61 -124.66 N | 96.23 9.76 -27.97 N | 117.02 8.89 -50.56 N | 125.95 10.37 -43.94 N | 113.61 11.89 -23.43 N | 120.82 9.95 -41.89 N | 105.25 12.57 -8.37 N | 99.45 11.42 -15.82 N | 81.23 10.52 -3.91 N | 92.03 11.40 -10.14 N | 136.53 10.53 -61.52 N | 183.81 8.37 -122.61 N | 91.90 10.28 -10.67 N | 87.53 9.62 -11.50 N | 72.83 7.81 -5.05 N | 64.61 6.61 -4.34 N | |
| HOLTSVILLE_IC_9 23698 | 57.54 4.44 -16.06 N | 79.57 6.92 -12.12 N | 96.54 5.57 -41.22 N | 71.03 5.28 -17.30 N | 62.23 6.21 0.00 N | 63.34 6.78 0.00 N | 96.89 11.48 0.00 N | 111.20 14.55 -2.95 N | 96.40 -5.61 -124.66 N | 96.23 9.76 -27.97 N | 117.02 8.89 -50.56 N | 125.95 10.37 -43.94 N | 113.61 11.89 -23.43 N | 120.82 9.95 -41.89 N | 105.25 12.57 -8.37 N | 99.45 11.42 -15.82 N | 81.23 10.52 -3.91 N | 92.03 11.40 -10.14 N | 136.53 10.53 -61.52 N | 183.81 8.37 -122.61 N | 91.90 10.28 -10.67 N | 87.53 9.62 -11.50 N | 72.83 7.81 -5.05 N | 64.61 6.61 -4.34 N | |
| HQ_GEN_CEDARS 23644 | 35.07 -1.97 0.00 N | 57.36 -3.17 0.00 N | 47.30 -2.45 0.00 N | 46.18 -2.28 0.00 N | 53.21 -2.81 0.00 N | 52.91 -3.66 0.00 N | 80.12 -5.29 0.00 N | 86.92 -6.77 0.00 N | 12.47 1.41 -33.71 N | 56.48 -4.08 -2.06 N | 53.83 -3.74 0.00 N | 67.20 -4.45 0.00 N | 73.42 -4.87 0.00 N | 65.57 -4.42 -1.01 N | 79.28 -5.03 0.00 N | 67.96 -4.25 0.00 N | 63.00 -3.80 0.00 N | 66.51 -3.98 0.00 N | 60.93 -3.54 0.00 N | 49.82 -3.01 0.00 N | 66.91 -4.05 0.00 N | 62.45 -3.96 0.00 N | 56.65 -3.33 0.00 N | 51.56 -2.11 0.00 N | |
| HQ_GEN_IMPORT | 61.69 | 54.78 | 48.40 | 47.20 | 63.00 | 45.00 | 60.00 | 90.67 | 92.60 | -797.39 | 55.94 | 69.60 | 76.11 | 72.00 | 68.23 | 70.31 | 65.14 | 68.75 | 62.92 | 51.48 | 84.54 | 92.23 | 73.85 | 52.47 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|--------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|
| 323601 | -2.34 11.67 N | -1.52 -0.88 N | -1.35 0.00 N | -1.26 0.00 N | -1.95 0.01 N | -1.34 0.37 N | -2.26 16.73 N | -2.99 -3.12 N | -2.58 -14.52 N | 30.75 -132.89 N | -1.63 0.00 N | -2.04 0.00 N | -2.18 0.00 N | -2.38 10.61 N | -2.23 10.69 N | -1.90 0.00 N | -1.66 0.00 N | -1.74 0.00 N | -1.55 0.00 N | -1.35 0.00 N | -2.18 -11.56 N | -2.03 -13.68 N | -1.56 -1.02 N | -1.20 0.00 N |
| HQ_GEN_WHEEL 23651 | 61.69 -2.34 11.67 N | 54.78 -1.52 -0.88 N | 48.40 -1.35 0.00 N | 47.20 -1.26 0.00 N | 54.45 -1.57 0.00 N | 54.93 -1.63 0.00 N | 105.89 -2.26 -29.16 N | 90.67 -2.99 -3.12 N | 92.60 -2.58 -14.52 N | -797.39 30.75 -132.89 N | 55.94 -1.63 0.00 N | 69.60 -2.04 0.00 N | 76.11 -2.18 0.00 N | 72.00 -2.38 10.61 N | 83.64 -2.23 -4.73 N | 70.31 -1.90 0.00 N | 65.14 -1.66 0.00 N | 68.75 -1.74 0.00 N | 62.92 -1.55 0.00 N | 51.48 -1.35 0.00 N | 84.54 -2.18 -11.56 N | 92.23 -2.03 -13.68 N | 73.85 -1.56 -1.02 N | 52.47 -1.20 0.00 N |
| HUDSON AVE_GT_3 23810 | 56.63 3.54 -16.06 N | 78.08 5.42 -12.12 N | 95.19 4.23 -41.21 N | 69.77 4.01 -17.30 N | 60.76 4.74 0.00 N | 61.68 5.12 0.00 N | 93.99 8.58 0.00 N | 104.58 10.88 0.00 N | 97.21 7.75 -124.66 N | 94.22 7.27 -27.97 N | 115.40 9.12 -50.55 N | 124.70 9.12 -43.93 N | 111.89 10.18 -23.42 N | 119.93 9.06 -41.89 N | 103.76 11.09 -8.37 N | 97.56 9.53 -15.82 N | 79.33 8.62 -3.91 N | 89.98 9.36 -10.14 N | 134.32 8.32 -61.52 N | 182.13 6.71 -122.60 N | 90.42 8.80 -10.67 N | 86.34 8.43 -11.50 N | 71.94 6.91 -5.04 N | 63.78 5.78 -4.34 N |
| HUDSON AVE_GT_4 23540 | 56.63 3.54 -16.06 N | 78.08 5.42 -12.12 N | 95.19 4.23 -41.21 N | 69.77 4.01 -17.30 N | 60.76 4.74 0.00 N | 61.68 5.12 0.00 N | 93.99 8.58 0.00 N | 104.58 10.88 0.00 N | 97.21 7.75 -124.66 N | 94.22 7.27 -27.97 N | 115.40 9.12 -50.55 N | 124.70 9.12 -43.93 N | 111.89 10.18 -23.42 N | 119.93 9.06 -41.89 N | 103.76 11.09 -8.37 N | 97.56 9.53 -15.82 N | 79.33 8.62 -3.91 N | 89.98 9.36 -10.14 N | 134.32 8.32 -61.52 N | 182.13 6.71 -122.60 N | 90.42 8.80 -10.67 N | 86.34 8.43 -11.50 N | 71.94 6.91 -5.04 N | 63.78 5.78 -4.34 N |
| HUDSON AVE_GT_5 23657 | 56.63 3.54 -16.06 N | 78.08 5.42 -12.12 N | 95.19 4.23 -41.21 N | 69.77 4.01 -17.30 N | 60.76 4.74 0.00 N | 61.68 5.12 0.00 N | 93.99 8.58 0.00 N | 104.58 10.88 0.00 N | 97.21 7.75 -124.66 N | 94.22 7.27 -27.97 N | 115.40 9.12 -50.55 N | 124.70 9.12 -43.93 N | 111.89 10.18 -23.42 N | 119.93 9.06 -41.89 N | 103.76 11.09 -8.37 N | 97.56 9.53 -15.82 N | 79.33 8.62 -3.91 N | 89.98 9.36 -10.14 N | 134.32 8.32 -61.52 N | 182.13 6.71 -122.60 N | 90.42 8.80 -10.67 N | 86.34 8.43 -11.50 N | 71.94 6.91 -5.04 N | 63.78 5.78 -4.34 N |
| HUDSON_AVE_10 24168 | 56.54 3.44 -16.06 N | 77.90 5.25 -12.12 N | 95.01 4.05 -41.21 N | 69.59 3.84 -17.30 N | 60.54 4.52 0.00 N | 61.49 4.93 0.00 N | 93.76 8.35 0.00 N | 104.31 10.61 0.00 N | 97.20 7.56 -124.66 N | 94.03 7.01 -27.97 N | 115.14 8.87 -50.55 N | 124.45 8.87 -43.93 N | 111.63 9.92 -23.42 N | 119.69 8.82 -41.89 N | 103.49 10.82 -8.37 N | 97.35 9.32 -15.82 N | 79.14 8.42 -3.91 N | 89.79 9.16 -10.14 N | 134.15 8.16 -61.52 N | 181.97 6.54 -122.60 N | 90.17 8.54 -10.67 N | 86.17 8.26 -11.50 N | 71.80 6.78 -5.04 N | 63.68 5.67 -4.34 N |
| HUNTER MOUNT___DRP 323613 | 57.17 2.66 -17.47 N | 77.94 4.22 -13.19 N | 97.94 3.36 -44.84 N | 70.53 3.25 -18.82 N | 59.95 3.93 0.00 N | 60.80 4.24 0.00 N | 92.15 6.75 0.00 N | 101.92 8.23 0.00 N | 98.69 -3.34 -124.68 N | 83.51 5.77 -19.25 N | 91.83 5.55 -28.71 N | 111.63 7.00 -32.99 N | 99.28 7.71 -13.28 N | 101.37 7.02 -25.36 N | 97.61 8.56 -4.75 N | 89.35 7.39 -9.75 N | 75.64 6.62 -2.22 N | 83.52 7.27 -5.76 N | 106.04 6.52 -35.04 N | 128.08 5.41 -69.84 N | 84.16 7.13 -6.08 N | 85.19 6.64 -12.14 N | 70.79 5.49 -5.32 N | 62.86 4.61 -4.58 N |
| HUNTLEY___63 23557 | 37.30 -2.24 -2.50 N | 58.58 -3.84 -1.89 N | 52.68 -3.48 -6.42 N | 47.67 -3.48 -2.69 N | 52.62 -3.41 0.00 N | 53.18 -3.38 0.00 N | 79.64 -5.77 0.00 N | 86.71 -6.99 0.00 N | 86.22 3.06 -105.81 N | 64.20 -4.05 -9.76 N | 61.51 -4.24 -8.18 N | 73.52 -5.26 -7.14 N | 76.43 -5.65 -3.79 N | 73.04 -5.28 -9.34 N | 78.72 -6.94 -1.35 N | 68.67 -6.10 -2.56 N | 61.80 -5.64 -0.63 N | 66.30 -5.83 -1.64 N | 69.31 -5.12 -9.95 N | 68.67 -3.98 -19.83 N | 68.34 -4.34 -1.73 N | 63.32 -4.97 -1.88 N | 56.55 -4.26 -0.82 N | 50.87 -3.51 -0.71 N |
| HUNTLEY___64 23558 | 37.30 -2.24 -2.50 N | 58.58 -3.84 -1.89 N | 52.68 -3.48 -6.42 N | 47.67 -3.48 -2.69 N | 52.62 -3.41 0.00 N | 53.18 -3.38 0.00 N | 79.64 -5.77 0.00 N | 86.71 -6.99 0.00 N | 86.22 3.06 -105.81 N | 64.20 -4.05 -9.76 N | 61.51 -4.24 -8.18 N | 73.52 -5.26 -7.14 N | 76.43 -5.65 -3.79 N | 73.04 -5.28 -9.34 N | 78.72 -6.94 -1.35 N | 68.67 -6.10 -2.56 N | 61.80 -5.64 -0.63 N | 66.30 -5.83 -1.64 N | 69.31 -5.12 -9.95 N | 68.67 -3.98 -19.83 N | 68.34 -4.34 -1.73 N | 63.32 -4.97 -1.88 N | 56.55 -4.26 -0.82 N | 50.87 -3.51 -0.71 N |
| HUNTLEY___65 23559 | 37.30 -2.24 -2.50 N | 58.58 -3.84 -1.89 N | 52.68 -3.48 -6.42 N | 47.67 -3.48 -2.69 N | 52.62 -3.41 0.00 N | 53.18 -3.38 0.00 N | 79.64 -5.77 0.00 N | 86.71 -6.99 0.00 N | 86.22 3.06 -105.81 N | 64.20 -4.05 -9.76 N | 61.51 -4.24 -8.18 N | 73.52 -5.26 -7.14 N | 76.43 -5.65 -3.79 N | 73.04 -5.28 -9.34 N | 78.72 -6.94 -1.35 N | 68.67 -6.10 -2.56 N | 61.80 -5.64 -0.63 N | 66.30 -5.83 -1.64 N | 69.31 -5.12 -9.95 N | 68.67 -3.98 -19.83 N | 68.34 -4.34 -1.73 N | 63.32 -4.97 -1.88 N | 56.55 -4.26 -0.82 N | 50.87 -3.51 -0.71 N |
| HUNTLEY___66 23560 | 37.30 -2.24 -2.50 N | 58.58 -3.84 -1.89 N | 52.68 -3.48 -6.42 N | 47.67 -3.48 -2.69 N | 52.62 -3.41 0.00 N | 53.18 -3.38 0.00 N | 79.64 -5.77 0.00 N | 86.71 -6.99 0.00 N | 86.22 3.06 -105.81 N | 64.20 -4.05 -9.76 N | 61.51 -4.24 -8.18 N | 73.52 -5.26 -7.14 N | 76.43 -5.65 -3.79 N | 73.04 -5.28 -9.34 N | 78.72 -6.94 -1.35 N | 68.67 -6.10 -2.56 N | 61.80 -5.64 -0.63 N | 66.30 -5.83 -1.64 N | 69.31 -5.12 -9.95 N | 68.67 -3.98 -19.83 N | 68.34 -4.34 -1.73 N | 63.32 -4.97 -1.88 N | 56.55 -4.26 -0.82 N | 50.87 -3.51 -0.71 N |
| HUNTLEY___67 23561 | 36.86 -2.74 -2.56 N | 57.77 -4.70 -1.94 N | 52.17 -4.16 -6.58 N | 47.06 -4.16 -2.76 N | 51.79 -4.23 0.00 N | 52.31 -4.25 0.00 N | 78.28 -7.14 0.00 N | 85.33 -8.37 0.00 N | 86.61 3.30 -9.86 N | 63.39 -4.96 -8.40 N | 60.82 -5.15 -8.40 N | 72.58 -6.39 -7.33 N | 75.29 -6.89 -3.89 N | 72.14 -6.35 -9.51 N | 77.47 -8.23 -1.39 N | 67.62 -7.21 -2.63 N | 60.81 -6.64 -0.65 N | 65.30 -6.87 -1.68 N | 68.65 -6.05 -10.22 N | 68.45 -4.75 -20.37 N | 67.26 -5.47 -1.77 N | 62.38 -5.96 -1.93 N | 55.68 -5.15 -0.85 N | 50.07 -4.33 -0.73 N |
| HUNTLEY___68 23562 | 36.86 -2.74 -2.56 N | 57.77 -4.70 -1.94 N | 52.17 -4.16 -6.58 N | 47.06 -4.16 -2.76 N | 51.79 -4.23 0.00 N | 52.31 -4.25 0.00 N | 78.28 -7.14 0.00 N | 85.33 -8.37 0.00 N | 86.61 3.30 -9.86 N | 63.39 -4.96 -8.40 N | 60.82 -5.15 -8.40 N | 72.58 -6.39 -7.33 N | 75.29 -6.89 -3.89 N | 72.14 -6.35 -9.51 N | 77.47 -8.23 -1.39 N | 67.62 -7.21 -2.63 N | 60.81 -6.64 -0.65 N | 65.30 -6.87 -1.68 N | 68.65 -6.05 -10.22 N | 68.45 -4.75 -20.37 N | 67.26 -5.47 -1.77 N | 62.38 -5.96 -1.93 N | 55.68 -5.15 -0.85 N | 50.07 -4.33 -0.73 N |
| INDECK___CORINTH 23802 | 57.81 -0.28 -21.06 N | 76.40 -0.02 -15.90 N | 104.06 0.27 -54.04 N | 71.28 0.14 -22.68 N | 56.18 0.15 0.00 N | 56.95 0.39 0.00 N | 85.84 0.43 0.00 N | 94.88 1.18 0.00 N | 100.64 -0.95 -124.24 N | 60.56 0.28 -1.79 N | 42.92 0.29 14.94 N | 84.03 0.64 -11.75 N | 72.01 0.64 6.92 N | 62.06 0.64 7.56 N | 82.88 1.06 2.48 N | 70.79 0.98 2.40 N | 66.23 0.60 1.17 N | 68.19 0.73 3.03 N | 46.25 0.16 18.40 N | 16.25 0.08 36.66 N | 68.22 0.46 3.19 N | 81.46 1.18 -13.87 N | 66.63 0.56 -6.08 N | 59.30 0.40 -5.23 N |

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| INDECK____ILION 23567 | 37.33 0.62 0.32 N | 61.36 1.07 0.24 N | 49.76 0.85 0.83 N | 48.90 0.80 0.35 N | 57.06 1.04 0.00 N | 57.71 1.15 0.00 N | 87.13 1.72 0.00 N | 96.19 2.49 0.00 N | 98.85 -0.61 -122.10 N | 67.45 1.50 -7.46 N | 59.03 1.46 0.00 N | 73.59 1.95 0.00 N | 80.58 2.29 0.00 N | 74.70 2.07 -3.66 N | 86.73 2.43 0.00 N | 74.41 2.20 0.00 N | 68.85 2.05 0.00 N | 72.73 2.24 0.00 N | 66.45 1.97 0.00 N | 54.58 1.75 0.00 N | 73.15 2.20 0.00 N | 68.56 2.15 0.00 N | 61.70 1.72 0.00 N | 54.99 1.33 0.00 N |
| INDECK____OLEAN 23982 | 38.50 -1.49 -2.96 N | 59.83 -2.93 -2.23 N | 54.62 -2.72 -7.58 N | 48.72 -2.92 -3.18 N | 53.14 -2.88 0.00 N | 54.50 -2.06 0.00 N | 84.17 -1.24 0.00 N | 93.96 0.26 0.00 N | 84.95 0.72 -106.87 N | 69.63 0.57 -10.57 N | 68.18 0.57 -10.03 N | 81.57 1.20 -8.73 N | 84.43 1.49 -4.65 N | 80.66 0.91 -10.77 N | 86.09 0.12 -1.66 N | 74.37 -0.98 -3.14 N | 66.59 -0.98 -0.78 N | 71.72 -0.77 -2.01 N | 76.62 -0.06 -12.20 N | 77.69 0.55 -24.32 N | 74.19 1.12 -2.12 N | 68.47 -0.23 -2.29 N | 60.03 -0.95 -1.01 N | 52.40 -2.13 -0.86 N |
| INDECK____OSWEGO 23783 | 38.50 -0.10 -1.56 N | 61.46 -0.25 -1.18 N | 53.46 -0.29 -4.01 N | 49.80 -0.33 -1.68 N | 55.71 -0.31 0.00 N | 56.23 -0.33 0.00 N | 84.85 -0.56 0.00 N | 93.33 -0.37 0.00 N | 72.73 -0.19 -95.57 N | 66.45 0.06 -7.90 N | 62.72 0.04 -5.11 N | 76.05 -0.07 -4.49 N | 80.37 -0.29 -2.37 N | 75.48 -0.21 -6.72 N | 84.48 -0.67 -0.85 N | 73.28 -0.53 -1.60 N | 66.74 -0.46 -0.40 N | 70.83 -0.69 -1.03 N | 70.16 -0.54 -6.23 N | 64.88 -0.35 -12.40 N | 71.69 -0.35 -1.08 N | 67.12 -0.48 -1.19 N | 60.13 -0.38 -0.52 N | 53.75 -0.37 -0.45 N |
| INDECK____YERKES 23781 | 37.30 -2.24 -2.50 N | 58.58 -3.84 -1.89 N | 52.68 -3.48 -6.42 N | 47.67 -3.48 -2.69 N | 52.62 -3.41 0.00 N | 53.18 -3.38 0.00 N | 79.64 -5.77 0.00 N | 86.71 -6.99 0.00 N | 86.22 3.06 -105.81 N | 64.20 -4.05 -9.76 N | 61.51 -4.24 -8.18 N | 73.52 -5.26 -7.14 N | 76.43 -5.65 -3.79 N | 73.04 -5.28 -9.34 N | 78.72 -6.94 -1.35 N | 68.67 -6.10 -2.56 N | 61.80 -5.64 -0.63 N | 66.30 -5.83 -1.64 N | 69.31 -5.12 -9.95 N | 68.67 -3.98 -19.83 N | 68.34 -4.34 -1.73 N | 63.32 -4.97 -1.88 N | 56.55 -4.26 -0.82 N | 50.87 -3.51 -0.71 N |
| INDIAN POINT_GT_1 24139 | 56.21 3.17 -16.01 N | 77.51 4.89 -12.08 N | 94.68 3.84 -41.09 N | 69.34 3.64 -17.25 N | 60.31 4.29 0.00 N | 61.18 4.62 0.00 N | 93.12 7.71 0.00 N | 103.38 9.68 0.00 N | 97.57 -4.44 -124.65 N | 93.26 6.84 -27.93 N | 114.39 6.38 -50.44 N | 123.47 7.99 -43.85 N | 110.60 8.94 -23.37 N | 118.75 7.97 -41.80 N | 102.42 9.77 -8.35 N | 96.43 8.43 -15.78 N | 78.24 7.54 -3.90 N | 88.78 8.18 -10.11 N | 133.16 7.30 -61.38 N | 181.09 5.94 -122.33 N | 89.46 7.86 -10.65 N | 85.47 7.57 -11.48 N | 71.21 6.19 -5.04 N | 63.18 5.18 -4.33 N |
| INDIAN POINT_GT_2 23659 | 56.21 3.17 -16.01 N | 77.51 4.89 -12.08 N | 94.68 3.84 -41.09 N | 69.34 3.64 -17.25 N | 60.31 4.29 0.00 N | 61.18 4.62 0.00 N | 93.12 7.71 0.00 N | 103.38 9.68 0.00 N | 97.57 -4.44 -124.65 N | 93.26 6.84 -27.93 N | 114.39 6.38 -50.44 N | 123.47 7.99 -43.85 N | 110.60 8.94 -23.37 N | 118.75 7.97 -41.80 N | 102.42 9.77 -8.35 N | 96.43 8.43 -15.78 N | 78.24 7.54 -3.90 N | 88.78 8.18 -10.11 N | 133.16 7.30 -61.38 N | 181.09 5.94 -122.33 N | 89.46 7.86 -10.65 N | 85.47 7.57 -11.48 N | 71.21 6.19 -5.04 N | 63.18 5.18 -4.33 N |
| INDIAN POINT_GT_3 24019 | 56.21 3.17 -16.01 N | 77.51 4.89 -12.08 N | 94.68 3.84 -41.09 N | 69.34 3.64 -17.25 N | 60.31 4.29 0.00 N | 61.18 4.62 0.00 N | 93.12 7.71 0.00 N | 103.38 9.68 0.00 N | 97.57 -4.44 -124.65 N | 93.26 6.84 -27.93 N | 114.39 6.38 -50.44 N | 123.47 7.99 -43.85 N | 110.60 8.94 -23.37 N | 118.75 7.97 -41.80 N | 102.42 9.77 -8.35 N | 96.43 8.43 -15.78 N | 78.24 7.54 -3.90 N | 88.78 8.18 -10.11 N | 133.16 7.30 -61.38 N | 181.09 5.94 -122.33 N | 89.46 7.86 -10.65 N | 85.47 7.57 -11.48 N | 71.21 6.19 -5.04 N | 63.18 5.18 -4.33 N |
| INDIAN POINT____2 23530 | 56.43 3.34 -16.05 N | 77.79 5.14 -12.12 N | 94.98 4.03 -41.20 N | 69.57 3.83 -17.29 N | 60.54 4.52 0.00 N | 61.40 4.84 0.00 N | 93.49 8.08 0.00 N | 103.82 10.13 0.00 N | 97.51 -4.51 -124.66 N | 93.63 7.17 -27.97 N | 114.83 6.71 -50.54 N | 123.96 8.40 -43.93 N | 111.09 9.38 -23.42 N | 119.21 8.35 -41.88 N | 102.92 10.24 -8.37 N | 96.86 8.83 -15.81 N | 78.65 7.94 -3.91 N | 89.24 8.61 -10.13 N | 133.66 7.68 -61.51 N | 181.60 6.20 -122.57 N | 89.75 8.13 -10.67 N | 85.75 7.84 -11.50 N | 71.45 6.43 -5.04 N | 63.40 5.40 -4.34 N |
| INDIAN POINT____3 23531 | 55.90 3.02 -15.84 N | 77.17 4.68 -11.96 N | 94.04 3.63 -40.66 N | 68.96 3.44 -17.07 N | 60.07 4.05 0.00 N | 60.92 4.36 0.00 N | 92.70 7.29 0.00 N | 102.84 9.15 0.00 N | 97.63 -4.36 -124.64 N | 92.84 6.54 -27.81 N | 113.76 6.04 -50.15 N | 122.80 7.56 -43.60 N | 109.99 8.46 -23.24 N | 118.13 7.56 -41.58 N | 101.91 9.30 -8.30 N | 95.90 8.00 -15.69 N | 77.80 7.12 -3.88 N | 88.27 7.73 -10.06 N | 132.38 6.87 -61.03 N | 180.06 5.61 -121.63 N | 88.94 7.39 -10.59 N | 84.95 7.12 -11.41 N | 70.79 5.80 -5.01 N | 62.84 4.87 -4.31 N |
| IP CORINTH____1 23988 | 57.94 -0.15 -21.06 N | 76.58 0.16 -15.90 N | 104.21 0.42 -54.04 N | 71.42 0.28 -22.68 N | 56.32 0.30 0.00 N | 57.09 0.53 0.00 N | 86.00 0.59 0.00 N | 95.14 1.44 0.00 N | 100.51 -1.08 -124.24 N | 60.79 0.51 -1.79 N | 43.12 0.49 14.94 N | 84.26 0.87 -11.75 N | 72.27 0.90 6.92 N | 62.28 0.86 7.56 N | 83.16 1.33 2.48 N | 71.00 1.20 2.40 N | 66.42 0.79 1.17 N | 68.39 0.94 3.03 N | 46.44 0.37 18.40 N | 16.41 0.24 36.66 N | 68.46 0.70 3.19 N | 81.72 1.44 -13.87 N | 66.86 0.80 -6.08 N | 59.51 0.61 -5.23 N |
| IP____TICONDEROGA 23804 | 59.30 1.92 -20.34 N | 79.86 3.97 -15.36 N | 105.74 3.78 -52.22 N | 73.89 3.52 -21.92 N | 59.91 3.89 0.00 N | 60.54 3.98 0.00 N | 90.74 5.33 0.00 N | 99.96 6.26 0.00 N | 99.51 -2.26 -124.42 N | 64.35 3.02 -2.83 N | 47.93 2.71 12.35 N | 88.27 3.99 -12.64 N | 76.94 4.37 5.72 N | 67.29 3.90 5.60 N | 87.73 5.48 2.05 N | 75.26 4.77 1.72 N | 69.83 3.99 0.97 N | 72.35 4.37 2.51 N | 52.34 3.11 15.25 N | 24.70 2.25 30.38 N | 71.73 3.41 2.64 N | 84.70 4.78 -13.51 N | 70.04 4.14 -5.93 N | 62.46 3.70 -5.09 N |
| JARVIS____ 23743 | 36.95 0.24 0.32 N | 60.67 0.39 0.24 N | 49.22 0.30 0.83 N | 48.40 0.29 0.35 N | 56.37 0.36 0.00 N | 56.95 0.39 0.00 N | 85.99 0.58 0.00 N | 94.62 0.92 0.00 N | 99.10 -0.35 -122.10 N | 66.59 0.63 -7.46 N | 58.16 0.59 0.00 N | 72.43 0.79 0.00 N | 79.19 0.90 0.00 N | 73.46 0.82 -3.66 N | 85.28 0.98 0.00 N | 73.05 0.84 0.00 N | 67.54 0.73 0.00 N | 71.27 0.78 0.00 N | 65.19 0.71 0.00 N | 53.43 0.60 0.00 N | 71.73 0.77 0.00 N | 67.13 0.72 0.00 N | 60.56 0.57 0.00 N | 54.12 0.45 0.00 N |
| JENNISON____1 23625 | 44.17 1.40 -5.73 N | 66.91 2.06 -4.33 N | 66.03 1.58 -14.70 N | 56.03 1.41 -6.17 N | 58.20 2.18 0.00 N | 59.05 2.49 0.00 N | 90.50 5.09 0.00 N | 100.48 6.78 0.00 N | 89.33 -2.29 -114.27 N | 77.48 4.28 -14.71 N | 81.04 4.28 -19.19 N | 93.58 5.32 -16.62 N | 93.05 5.87 -8.89 N | 92.09 5.20 -17.90 N | 93.39 5.91 -3.18 N | 82.83 4.62 -6.00 N | 72.39 4.10 -1.48 N | 78.76 4.43 -3.84 N | 92.21 4.41 -23.32 N | 103.24 3.94 -46.47 N | 80.31 5.31 -4.05 N | 75.01 4.27 -4.32 N | 65.15 3.27 -1.90 N | 57.51 2.21 -1.63 N |
| JENNISON____2 23626 | 44.13 1.37 -5.73 N | 66.85 1.99 -4.33 N | 65.98 1.53 -14.70 N | 55.98 1.36 -6.17 N | 58.11 2.09 0.00 N | 58.99 2.43 0.00 N | 90.38 4.97 0.00 N | 100.33 6.63 0.00 N | 89.40 -2.22 -114.27 N | 77.42 4.21 -14.71 N | 80.94 4.18 -19.19 N | 93.46 5.19 -16.62 N | 92.93 5.75 -8.89 N | 91.97 5.08 -17.90 N | 93.26 5.78 -3.18 N | 82.72 4.52 -6.00 N | 72.29 4.00 -1.48 N | 78.66 4.33 -3.84 N | 92.09 4.29 -23.32 N | 103.15 3.85 -46.47 N | 80.21 5.20 -4.05 N | 74.91 4.18 -4.32 N | 65.06 3.18 -1.90 N | 57.44 2.15 -1.63 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 |
| KEDC PORT_JEFF_GT2 24210 | 57.50 4.40 -16.06 N | 79.49 6.84 -12.12 N | 96.47 5.50 -41.22 N | 70.94 5.19 -17.30 N | 62.15 6.13 0.00 N | 63.19 6.63 0.00 N | 96.64 11.23 0.00 N | 110.93 14.28 -2.95 N | 96.40 -5.61 -124.66 N | 96.06 9.59 -27.97 N | 116.85 8.72 -50.56 N | 125.72 10.14 -43.94 N | 113.36 11.64 -23.43 N | 120.62 9.74 -41.89 N | 104.99 12.31 -8.37 N | 99.22 11.19 -15.82 N | 81.02 10.31 -3.91 N | 91.81 11.19 -10.14 N | 136.34 10.33 -61.52 N | 183.64 8.21 -122.61 N | 91.67 10.04 -10.67 N | 87.32 9.41 -11.50 N | 72.65 7.62 -5.05 N | 64.49 6.49 -4.34 N | |
| KEDC PORT_JEFF_GT3 24211 | 57.50 4.40 -16.06 N | 79.49 6.84 -12.12 N | 96.47 5.50 -41.22 N | 70.94 5.19 -17.30 N | 62.15 6.13 0.00 N | 63.19 6.63 0.00 N | 96.64 11.23 0.00 N | 110.93 14.28 -2.95 N | 96.40 -5.61 -124.66 N | 96.06 9.59 -27.97 N | 116.85 8.72 -50.56 N | 125.72 10.14 -43.94 N | 113.36 11.64 -23.43 N | 120.62 9.74 -41.89 N | 104.99 12.31 -8.37 N | 99.22 11.19 -15.82 N | 81.02 10.31 -3.91 N | 91.81 11.19 -10.14 N | 136.34 10.33 -61.52 N | 183.64 8.21 -122.61 N | 91.67 10.04 -10.67 N | 87.32 9.41 -11.50 N | 72.65 7.62 -5.05 N | 64.49 6.49 -4.34 N | |
| KEDC_GLWD_GT4 24219 | 56.89 3.79 -16.06 N | 78.54 5.89 -12.12 N | 95.60 4.63 -41.22 N | 70.13 4.38 -17.30 N | 61.18 5.16 0.00 N | 62.17 5.61 0.00 N | 94.75 9.34 0.00 N | 108.47 11.82 -2.95 N | 97.08 -4.93 -124.66 N | 94.66 8.20 -27.97 N | 115.83 7.70 -50.56 N | 124.91 9.33 -43.94 N | 112.29 10.57 -23.43 N | 120.02 9.15 -41.89 N | 104.06 11.38 -8.37 N | 98.03 10.00 -15.82 N | 79.79 9.09 -3.91 N | 90.45 9.83 -10.14 N | 134.90 8.90 -61.52 N | 182.53 7.09 -122.61 N | 90.68 9.05 -10.67 N | 86.55 8.63 -11.50 N | 72.11 7.09 -5.05 N | 63.98 5.98 -4.34 N | |
| KEDC_GLWD_GT5 24220 | 56.89 3.79 -16.06 N | 78.54 5.89 -12.12 N | 95.60 4.63 -41.22 N | 70.13 4.38 -17.30 N | 61.18 5.16 0.00 N | 62.17 5.61 0.00 N | 94.75 9.34 0.00 N | 108.47 11.82 -2.95 N | 97.08 -4.93 -124.66 N | 94.66 8.20 -27.97 N | 115.83 7.70 -50.56 N | 124.91 9.33 -43.94 N | 112.29 10.57 -23.43 N | 120.02 9.15 -41.89 N | 104.06 11.38 -8.37 N | 98.03 10.00 -15.82 N | 79.79 9.09 -3.91 N | 90.45 9.83 -10.14 N | 134.90 8.90 -61.52 N | 182.53 7.09 -122.61 N | 90.68 9.05 -10.67 N | 86.55 8.63 -11.50 N | 72.11 7.09 -5.05 N | 63.98 5.98 -4.34 N | |
| KENSICO____ 23655 | 56.38 3.30 -16.04 N | 77.76 5.13 -12.11 N | 94.91 4.00 -41.16 N | 69.53 3.80 -17.28 N | 60.49 4.47 0.00 N | 61.38 4.82 0.00 N | 93.42 8.01 0.00 N | 103.74 10.04 0.00 N | 97.53 -4.48 -124.66 N | 93.56 7.11 -27.95 N | 114.74 6.66 -50.51 N | 123.86 8.32 -43.90 N | 110.99 9.30 -23.41 N | 119.11 8.28 -41.85 N | 102.82 10.16 -8.36 N | 96.78 8.76 -15.80 N | 78.58 7.87 -3.90 N | 89.14 8.52 -10.13 N | 133.55 7.61 -61.46 N | 181.46 6.15 -122.49 N | 89.69 8.07 -10.66 N | 85.68 7.78 -11.49 N | 71.39 6.37 -5.04 N | 63.34 5.34 -4.33 N | |
| KIAC_JFK_GT1 23816 | 56.83 3.73 -16.06 N | 78.28 5.63 -12.12 N | 95.24 4.28 -41.21 N | 69.78 4.03 -17.30 N | 60.76 4.74 0.00 N | 61.79 5.23 0.00 N | 99.51 8.95 -5.15 N | 213.00 11.41 -107.89 N | 204.50 -5.07 -232.22 N | 127.75 8.03 -61.24 N | 115.40 7.27 -50.55 N | 124.90 9.33 -43.93 N | 120.77 10.51 -31.97 N | 121.07 9.30 -42.79 N | 115.62 11.46 -19.86 N | 112.82 9.91 -30.70 N | 118.91 9.03 -43.08 N | 118.66 9.80 -38.37 N | 205.91 8.75 -132.69 N | 183.98 6.98 -124.17 N | 106.52 9.05 -26.50 N | 118.78 8.87 -43.49 N | 82.79 7.36 -15.45 N | 64.18 6.18 -4.34 N | |
| KIAC_JFK_GT2 23817 | 56.83 3.73 -16.06 N | 78.28 5.63 -12.12 N | 95.24 4.28 -41.21 N | 69.78 4.03 -17.30 N | 60.76 4.74 0.00 N | 61.79 5.23 0.00 N | 99.51 8.95 -5.15 N | 213.00 11.41 -107.89 N | 204.50 -5.07 -232.22 N | 127.75 8.03 -61.24 N | 115.40 7.27 -50.55 N | 124.90 9.33 -43.93 N | 120.77 10.51 -31.97 N | 121.07 9.30 -42.79 N | 115.62 11.46 -19.86 N | 112.82 9.91 -30.70 N | 118.91 9.03 -43.08 N | 118.66 9.80 -38.37 N | 205.91 8.75 -132.69 N | 183.98 6.98 -124.17 N | 106.52 9.05 -26.50 N | 118.78 8.87 -43.49 N | 82.79 7.36 -15.45 N | 64.18 6.18 -4.34 N | |
| KINTIGH____ 23543 | 36.71 -2.44 -2.11 N | 57.97 -4.15 -1.59 N | 51.48 -3.69 -5.42 N | 47.09 -3.64 -2.28 N | 52.33 -3.69 0.00 N | 52.76 -3.80 0.00 N | 78.85 -6.56 0.00 N | 85.90 -7.79 0.00 N | 85.31 2.80 -105.16 N | 63.24 -4.44 -9.20 N | 59.83 -4.63 -6.89 N | 71.86 -5.81 -6.02 N | 75.13 -6.35 -3.19 N | 71.46 -5.87 -8.34 N | 77.93 -7.51 -1.14 N | 67.90 -6.47 -2.16 N | 61.37 -5.96 -0.53 N | 65.58 -6.29 -1.38 N | 67.25 -5.61 -8.38 N | 65.06 -4.47 -16.70 N | 67.30 -5.11 -1.45 N | 62.54 -5.47 -1.60 N | 55.99 -4.69 -0.70 N | 50.39 -3.88 -0.60 N | |
| LEDERLE____ 23769 | 55.87 3.49 -15.34 N | 77.51 5.41 -11.58 N | 93.33 4.22 -39.36 N | 68.97 4.00 -16.52 N | 60.71 4.69 0.00 N | 61.57 5.01 0.00 N | 93.80 8.39 0.00 N | 104.09 10.40 0.00 N | 97.14 -4.80 -124.58 N | 93.28 7.36 -27.43 N | 113.60 6.80 -49.23 N | 122.97 8.53 -42.80 N | 110.59 9.49 -22.80 N | 118.37 8.51 -40.87 N | 102.89 10.44 -8.15 N | 96.56 8.95 -15.40 N | 78.52 7.91 -3.80 N | 88.90 8.55 -9.87 N | 132.06 7.68 -59.90 N | 178.57 6.36 -119.38 N | 89.77 8.43 -10.39 N | 85.64 8.02 -11.21 N | 71.46 6.56 -4.92 N | 63.42 5.52 -4.23 N | |
| LINDEN COGEN____ 23786 | 56.42 3.33 -16.06 N | 77.73 5.08 -12.12 N | 94.90 3.94 -41.21 N | 69.50 3.75 -17.30 N | 60.41 4.39 0.00 N | 61.31 4.75 0.00 N | 93.42 8.01 0.00 N | 103.89 10.20 0.00 N | 97.34 -4.67 -124.66 N | 93.79 7.33 -27.97 N | 114.98 6.85 -50.55 N | 124.19 8.62 -43.93 N | 111.28 9.56 -23.42 N | 119.41 8.54 -41.89 N | 103.09 10.42 -8.37 N | 97.01 8.98 -15.82 N | 78.80 8.09 -3.91 N | 89.43 8.81 -10.14 N | 133.84 7.84 -61.52 N | 181.73 6.31 -122.60 N | 89.86 8.23 -10.67 N | 85.84 7.93 -11.50 N | 71.53 6.50 -5.04 N | 63.47 5.46 -4.34 N | |
| LIPA_MISC_IPP 23656 | 57.38 4.28 -16.06 N | 79.50 6.85 -12.12 N | 96.56 5.60 -41.22 N | 71.04 5.28 -17.30 N | 62.26 6.24 0.00 N | 63.46 6.90 0.00 N | 97.14 11.74 0.00 N | 111.37 14.72 -2.95 N | 96.36 -5.66 -124.66 N | 96.25 9.78 -27.97 N | 117.03 8.90 -50.56 N | 125.86 10.28 -43.94 N | 113.47 11.76 -23.43 N | 120.69 9.82 -41.89 N | 105.07 12.40 -8.37 N | 99.29 11.26 -15.82 N | 81.09 10.37 -3.91 N | 91.90 11.27 -10.14 N | 136.43 10.43 -61.52 N | 183.77 8.33 -122.61 N | 91.86 10.23 -10.67 N | 87.43 9.52 -11.50 N | 72.69 7.67 -5.05 N | 64.46 6.45 -4.34 N | |
| LITTLE FALLS____HYD 24013 | 37.74 1.03 0.32 N | 62.18 1.89 0.24 N | 50.41 1.50 0.83 N | 49.51 1.40 0.35 N | 57.90 1.88 0.00 N | 58.70 2.14 0.00 N | 88.53 3.12 0.00 N | 98.08 4.39 0.00 N | 98.55 -0.90 -122.10 N | 68.36 2.40 -7.46 N | 59.87 2.30 0.00 N | 74.81 3.17 0.00 N | 82.04 3.75 0.00 N | 75.97 3.33 -3.66 N | 88.24 3.94 0.00 N | 75.86 3.65 0.00 N | 70.23 3.43 0.00 N | 74.28 3.79 0.00 N | 67.76 3.29 0.00 N | 55.82 2.99 0.00 N | 74.71 3.76 0.00 N | 70.21 3.80 0.00 N | 62.98 3.00 0.00 N | 55.93 2.27 0.00 N | |
| LONG_LAKE_PHOENIX 24014 | 38.85 0.17 -1.64 N | 61.94 0.18 -1.24 N | 53.99 0.04 -4.21 N | 50.20 -0.02 -1.77 N | 56.09 0.07 0.00 N | 56.64 0.08 0.00 N | 85.54 0.13 0.00 N | 94.16 0.46 0.00 N | 74.22 -0.51 -97.37 N | 67.32 0.71 -8.11 N | 63.66 0.72 -5.37 N | 77.17 0.82 -4.71 N | 81.35 0.58 -2.49 N | 76.60 0.65 -6.96 N | 85.50 0.31 -0.89 N | 74.29 0.40 -1.68 N | 67.67 0.45 -0.42 N | 71.85 0.29 -1.08 N | 71.37 0.35 -6.54 N | 66.26 0.40 -13.03 N | 72.73 0.64 -1.13 N | 67.97 0.31 -1.25 N | 60.81 0.28 -0.55 N | 54.31 0.17 -0.47 N | |
| LOVETT____3 | 55.31 | 76.59 | 92.64 | 68.18 | 59.75 | 60.57 | 92.15 | 102.14 | 97.68 | 92.07 | 112.47 | 121.48 | 108.89 | 116.91 | 101.18 | 95.30 | 77.38 | 87.71 | 131.09 | 177.95 | 88.52 | 84.48 | 70.45 | 62.56 | |

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| 23632 | 2.87 -15.41 N | 4.43 -11.63 N | 3.35 -39.55 N | 3.12 -16.60 N | 3.73 0.00 N | 4.00 0.00 N | 6.74 0.00 N | 8.45 0.00 N | -4.26 -124.59 N | 6.08 -27.49 N | 5.52 -49.37 N | 6.91 -42.93 N | 7.73 -22.87 N | 6.94 -40.99 N | 8.71 -8.17 N | 7.64 -15.45 N | 6.76 -3.82 N | 7.33 -9.90 N | 6.53 -60.08 N | 5.39 -119.74 N | 7.14 -10.42 N | 6.83 -11.24 N | 5.54 -4.93 N | 4.66 -4.24 N |
| LOVETT___4 23642 | 55.61 3.16 -15.41 N | 77.08 4.91 -11.64 N | 93.06 3.75 -39.57 N | 68.57 3.51 -16.61 N | 60.19 4.17 0.00 N | 61.03 4.47 0.00 N | 92.88 7.47 0.00 N | 103.01 9.32 0.00 N | 97.51 -4.43 -124.59 N | 92.62 6.63 -27.50 N | 113.04 6.08 -49.39 N | 122.19 7.61 -42.94 N | 109.67 8.50 -22.88 N | 117.60 7.63 -41.00 N | 101.97 9.50 -8.17 N | 95.96 8.30 -15.45 N | 77.98 7.36 -3.82 N | 88.34 7.95 -9.90 N | 131.68 7.11 -60.10 N | 178.46 5.87 -119.77 N | 89.16 7.78 -10.42 N | 85.08 7.42 -11.24 N | 70.96 6.05 -4.93 N | 63.00 5.09 -4.24 N |
| LOVETT___5 23593 | 55.61 3.16 -15.41 N | 77.08 4.91 -11.64 N | 93.06 3.75 -39.57 N | 68.57 3.51 -16.61 N | 60.19 4.17 0.00 N | 61.03 4.47 0.00 N | 92.88 7.47 0.00 N | 103.01 9.32 0.00 N | 97.51 -4.43 -124.59 N | 92.62 6.63 -27.50 N | 113.04 6.08 -49.39 N | 122.19 7.61 -42.94 N | 109.67 8.50 -22.88 N | 117.60 7.63 -41.00 N | 101.97 9.50 -8.17 N | 95.96 8.30 -15.45 N | 77.98 7.36 -3.82 N | 88.34 7.95 -9.90 N | 131.68 7.11 -60.10 N | 178.46 5.87 -119.77 N | 89.16 7.78 -10.42 N | 85.08 7.42 -11.24 N | 70.96 6.05 -4.93 N | 63.00 5.09 -4.24 N |
| LOWER RAQUET___HYD 24057 | 34.22 -2.82 0.00 N | 55.99 -4.54 0.00 N | 46.15 -3.60 0.00 N | 45.10 -3.35 0.00 N | 52.05 -3.97 0.00 N | 52.51 -4.05 0.00 N | 79.70 -5.71 0.00 N | 86.75 -6.95 0.00 N | 24.39 1.36 -45.68 N | 57.12 -4.16 -2.79 N | 53.79 0.00 0.00 N | 67.43 -4.21 0.00 N | 73.58 -4.71 0.00 N | 65.96 -4.39 -1.37 N | 79.21 -5.09 0.00 N | 67.90 -4.31 0.00 N | 62.92 -3.88 0.00 N | 66.43 -4.06 0.00 N | 60.93 -3.54 0.00 N | 49.86 -2.97 0.00 N | 66.96 -4.00 0.00 N | 62.40 -4.01 0.00 N | 56.36 -3.62 0.00 N | 50.53 -3.14 0.00 N |
| LOWER___HUDSON 24059 | 58.77 1.41 -20.32 N | 78.35 2.48 -15.34 N | 103.80 1.90 -52.15 N | 72.19 1.85 -21.89 N | 58.36 2.34 0.00 N | 59.12 2.56 0.00 N | 89.04 3.63 0.00 N | 98.15 4.46 0.00 N | 99.90 -1.99 -124.53 N | 61.30 2.71 -0.10 N | 41.06 2.70 19.21 N | 83.98 3.48 -8.86 N | 73.27 3.89 8.90 N | 61.83 3.62 10.77 N | 85.60 4.49 3.20 N | 72.36 3.94 3.79 N | 68.67 3.40 1.53 N | 70.30 3.79 3.98 N | 43.44 3.10 24.14 N | 7.35 2.63 48.11 N | 70.31 3.54 4.19 N | 83.66 3.78 -13.47 N | 68.91 3.02 -5.91 N | 61.39 2.64 -5.08 N |
| LWR___OSWEGATCHIE_HYD 23850 | 34.56 -2.48 0.00 N | 56.48 -4.05 0.00 N | 46.47 -3.28 0.00 N | 45.35 -3.10 0.00 N | 52.45 -3.57 0.00 N | 53.08 -3.48 0.00 N | 80.74 -4.67 0.00 N | 88.46 -5.24 0.00 N | 45.59 1.06 -67.18 N | 59.43 -3.17 -4.11 N | 54.64 -2.93 0.00 N | 68.59 -3.42 -0.36 N | 74.39 -3.90 0.00 N | 67.41 -3.58 -2.01 N | 80.01 -4.29 0.00 N | 68.57 -3.68 -0.03 N | 63.43 -3.37 0.00 N | 66.92 -3.57 0.00 N | 61.36 -3.12 0.00 N | 50.29 -2.53 0.00 N | 67.61 -3.35 0.00 N | 63.27 -3.40 -0.25 N | 56.85 -3.24 -0.11 N | 50.80 -2.97 -0.10 N |
| LYONS_FALL_HYD 23570 | 36.42 -0.62 0.00 N | 59.45 -1.08 0.00 N | 48.85 -0.90 0.00 N | 47.58 -0.88 0.00 N | 55.12 -0.90 0.00 N | 55.84 -0.72 0.00 N | 84.95 -0.46 0.00 N | 93.70 0.00 0.00 N | 80.92 -0.24 -103.81 N | 64.97 0.13 -6.35 N | 57.74 0.17 0.00 N | 72.28 0.22 -0.42 N | 78.39 0.10 0.00 N | 72.10 0.01 -3.11 N | 84.18 -0.13 0.00 N | 72.07 -0.18 -0.04 N | 66.58 -0.22 0.00 N | 70.20 -0.29 0.00 N | 64.32 -0.16 0.00 N | 52.81 -0.02 0.00 N | 71.02 0.07 0.00 N | 66.51 -0.19 -0.30 N | 59.67 -0.44 -0.13 N | 53.16 -0.62 -0.11 N |
| MAPLE_RIDGE_WT_1 323574 | 35.23 -0.97 0.84 N | 58.27 -1.62 0.64 N | 46.25 -1.33 2.16 N | 46.21 -1.33 0.91 N | 54.36 -1.67 0.00 N | 54.81 -1.75 0.00 N | 82.79 -2.62 0.00 N | 90.84 -2.85 0.00 N | 60.24 0.60 -82.29 N | 61.26 -1.51 -4.28 N | 54.37 -1.34 1.86 N | 68.69 -1.39 1.56 N | 76.07 -1.36 0.86 N | 68.96 -1.08 -1.06 N | 82.66 -1.34 0.31 N | 70.38 -1.26 0.58 N | 65.36 -1.30 0.14 N | 68.88 -1.23 0.37 N | 61.39 -0.81 2.27 N | 47.51 -0.79 4.53 N | 69.34 -1.22 0.39 N | 64.52 -1.51 0.38 N | 58.39 -1.43 0.17 N | 52.21 -1.31 0.14 N |
| MAPLE_RIDGE_WT_2 323611 | 35.23 -0.97 0.84 N | 58.27 -1.62 0.64 N | 46.25 -1.33 2.16 N | 46.21 -1.33 0.91 N | 54.36 -1.67 0.00 N | 54.81 -1.75 0.00 N | 82.79 -2.62 0.00 N | 90.84 -2.85 0.00 N | 60.24 0.60 -82.29 N | 61.26 -1.51 -4.28 N | 54.37 -1.34 1.86 N | 68.69 -1.39 1.56 N | 76.07 -1.36 0.86 N | 68.96 -1.08 -1.06 N | 82.66 -1.34 0.31 N | 70.38 -1.26 0.58 N | 65.36 -1.30 0.14 N | 68.88 -1.23 0.37 N | 61.39 -0.81 2.27 N | 47.51 -0.79 4.53 N | 69.34 -1.22 0.39 N | 64.52 -1.51 0.38 N | 58.39 -1.43 0.17 N | 52.21 -1.31 0.14 N |
| MG INDUSTRY___DRP 24185 | 58.36 1.29 -20.03 N | 77.74 2.09 -15.12 N | 102.86 1.70 -51.41 N | 71.69 1.66 -21.58 N | 58.11 2.09 0.00 N | 58.74 2.18 0.00 N | 88.21 2.81 0.00 N | 97.08 3.38 0.00 N | 100.15 -1.90 -124.70 N | 60.43 2.43 0.49 N | 39.18 2.32 20.72 N | 82.38 2.93 -7.81 N | 71.95 3.27 9.60 N | 60.03 2.96 11.90 N | 84.54 3.65 3.41 N | 71.51 3.20 3.90 N | 68.06 2.82 1.56 N | 69.57 3.12 4.04 N | 42.61 2.64 24.51 N | 6.17 2.18 48.83 N | 69.58 2.88 4.25 N | 82.61 2.89 -13.32 N | 68.16 2.34 -5.84 N | 60.92 2.23 -5.02 N |
| MID___OSWEGATCHIE_HYD 23849 | 34.56 -2.48 0.00 N | 56.48 -4.05 0.00 N | 46.47 -3.28 0.00 N | 45.35 -3.10 0.00 N | 52.45 -3.57 0.00 N | 53.08 -3.48 0.00 N | 80.74 -4.67 0.00 N | 88.46 -5.24 0.00 N | 45.59 1.06 -67.18 N | 59.43 -3.17 -4.11 N | 54.64 -2.93 0.00 N | 68.59 -3.42 -0.36 N | 74.39 -3.90 0.00 N | 67.41 -3.58 -2.01 N | 80.01 -4.29 0.00 N | 68.57 -3.68 -0.03 N | 63.43 -3.37 0.00 N | 66.92 -3.57 0.00 N | 61.36 -3.12 0.00 N | 50.29 -2.53 0.00 N | 67.61 -3.35 0.00 N | 63.27 -3.40 -0.25 N | 56.85 -3.24 -0.11 N | 50.80 -2.97 -0.10 N |
| MID___RAQUETTE_HYD 23851 | 34.22 -2.82 0.00 N | 55.99 -4.54 0.00 N | 46.15 -3.60 0.00 N | 45.10 -3.35 0.00 N | 52.05 -3.97 0.00 N | 52.51 -4.05 0.00 N | 79.70 -5.71 0.00 N | 86.75 -6.95 0.00 N | 24.39 1.36 -45.68 N | 57.12 -4.16 -2.79 N | 53.79 0.00 0.00 N | 67.43 -4.21 0.00 N | 73.58 -4.71 0.00 N | 65.96 -4.39 -1.37 N | 79.21 -5.09 0.00 N | 67.90 -4.31 0.00 N | 62.92 -3.88 0.00 N | 66.43 -4.06 0.00 N | 60.93 -3.54 0.00 N | 49.86 -2.97 0.00 N | 66.96 -4.00 0.00 N | 62.40 -4.01 0.00 N | 56.36 -3.62 0.00 N | 50.53 -3.14 0.00 N |
| MILLIKEN___1 23584 | 38.57 -1.40 -2.93 N | 59.73 -3.01 -2.21 N | 54.50 -2.76 -7.52 N | 48.80 -2.81 -3.16 N | 54.54 -1.48 0.00 N | 54.70 -1.86 0.00 N | 83.04 -2.37 0.00 N | 92.12 -1.58 0.00 N | 82.78 -0.74 -106.16 N | 67.93 -0.82 -10.25 N | 66.25 -0.67 -9.34 N | 78.91 -0.87 -8.14 N | 81.42 -1.20 -4.33 N | 78.08 -1.11 -10.21 N | 84.02 -1.83 -1.55 N | 73.29 -1.84 -2.93 N | 66.00 -1.56 -0.75 N | 70.29 -2.14 -1.95 N | 74.55 -1.73 -11.81 N | 75.35 -1.00 -23.53 N | 71.95 -1.05 -2.05 N | 66.84 -1.79 -2.22 N | 58.80 -2.15 -0.97 N | 52.09 -2.42 -0.84 N |
| MILLIKEN___2 23585 | 38.57 -1.40 -2.93 N | 59.73 -3.01 -2.21 N | 54.50 -2.76 -7.52 N | 48.80 -2.81 -3.16 N | 54.54 -1.48 0.00 N | 54.70 -1.86 0.00 N | 83.04 -2.37 0.00 N | 92.12 -1.58 0.00 N | 82.78 -0.74 -106.16 N | 67.93 -0.82 -10.25 N | 66.25 -0.67 -9.34 N | 78.91 -0.87 -8.14 N | 81.42 -1.20 -4.33 N | 78.08 -1.11 -10.21 N | 84.02 -1.83 -1.55 N | 73.29 -1.84 -2.93 N | 66.00 -1.56 -0.75 N | 70.29 -2.14 -1.95 N | 74.55 -1.73 -11.81 N | 75.35 -1.00 -23.53 N | 71.95 -1.05 -2.05 N | 66.84 -1.79 -2.22 N | 58.80 -2.15 -0.97 N | 52.09 -2.42 -0.84 N |

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| MILLIKEN___DIESEL 23629 | 38.57 -1.40 -2.93 N | 59.73 -3.01 -2.21 N | 54.50 -2.76 -7.52 N | 48.80 -2.81 -3.16 N | 54.54 -1.48 0.00 N | 54.70 -1.86 0.00 N | 83.04 -2.37 0.00 N | 92.12 -1.58 0.00 N | 82.78 -0.74 -106.16 N | 67.93 -0.82 -10.25 N | 66.25 -0.67 -9.34 N | 78.91 -0.87 -8.14 N | 81.42 -1.20 -4.33 N | 78.08 -1.11 -10.21 N | 84.02 -1.83 -1.55 N | 73.29 -1.84 -2.93 N | 66.00 -1.56 -0.75 N | 70.29 -2.14 -1.95 N | 74.55 -1.73 -11.81 N | 75.35 -1.00 -23.53 N | 71.95 -1.05 -2.05 N | 66.84 -1.79 -2.22 N | 58.80 -2.15 -0.97 N | 52.09 -2.42 -0.84 N |
| MILLSEAT___LFGE 323607 | 37.32 -2.03 -2.31 N | 58.71 -3.57 -1.75 N | 52.45 -3.24 -5.94 N | 47.72 -3.23 -2.49 N | 52.89 -3.13 0.00 N | 53.52 -3.05 0.00 N | 80.45 -4.96 0.00 N | 87.71 -5.98 0.00 N | 85.41 2.65 -105.40 N | 64.62 -3.36 -9.49 N | 61.58 -3.56 -7.57 N | 73.83 -4.42 -6.61 N | 77.00 -4.79 -3.51 N | 73.30 -4.54 -8.86 N | 79.53 -6.03 -1.25 N | 69.26 -5.32 -2.37 N | 62.43 -4.96 -0.58 N | 66.84 -5.16 -1.52 N | 69.19 -4.50 -9.21 N | 67.73 -3.45 -18.35 N | 68.94 -3.61 -1.60 N | 63.87 -4.29 -1.75 N | 57.01 -3.74 -0.77 N | 51.19 -3.13 -0.66 N |
| MODEL_CITY_ENERGY 24167 | 36.77 -2.71 -2.44 N | 57.74 -4.63 -1.84 N | 51.87 -4.13 -6.25 N | 47.00 -4.08 -2.63 N | 51.88 -4.14 0.00 N | 52.37 -4.20 0.00 N | 78.17 -7.24 0.00 N | 84.96 -8.73 0.00 N | 86.43 3.40 -105.68 N | 63.10 -5.06 -9.67 N | 60.27 -5.28 -7.97 N | 72.02 -6.58 -6.96 N | 74.86 -7.12 -3.69 N | 71.56 -6.60 -9.18 N | 77.14 -8.48 -1.32 N | 67.35 -7.35 -2.50 N | 60.65 -6.77 -0.62 N | 65.00 -7.09 -1.60 N | 67.92 -6.26 -9.70 N | 67.18 -4.98 -19.33 N | 67.01 -5.62 -1.68 N | 62.15 -6.10 -1.84 N | 55.58 -5.20 -0.81 N | 50.08 -4.28 -0.69 N |
| MODERN_LFGE___ 323580 | 36.77 -2.71 -2.44 N | 57.74 -4.63 -1.84 N | 51.87 -4.13 -6.25 N | 47.00 -4.08 -2.63 N | 51.88 -4.14 0.00 N | 52.37 -4.20 0.00 N | 78.17 -7.24 0.00 N | 84.96 -8.73 0.00 N | 86.43 3.40 -105.68 N | 63.10 -5.06 -9.67 N | 60.27 -5.28 -7.97 N | 72.02 -6.58 -6.96 N | 74.86 -7.12 -3.69 N | 71.56 -6.60 -9.18 N | 77.14 -8.48 -1.32 N | 67.35 -7.35 -2.50 N | 60.65 -6.77 -0.62 N | 65.00 -7.09 -1.60 N | 67.92 -6.26 -9.70 N | 67.18 -4.98 -19.33 N | 67.01 -5.62 -1.68 N | 62.15 -6.10 -1.84 N | 55.58 -5.20 -0.81 N | 50.08 -4.28 -0.69 N |
| MOHAWK_PAPER___DRP 24187 | 58.98 1.41 -20.53 N | 78.36 2.33 -15.50 N | 104.25 1.81 -52.70 N | 72.36 1.79 -22.12 N | 58.33 2.31 0.00 N | 59.07 2.51 0.00 N | 88.95 3.54 0.00 N | 97.92 4.23 0.00 N | 99.95 -1.87 -124.48 N | 61.20 2.81 0.11 N | 40.70 2.85 19.72 N | 83.91 3.52 -8.75 N | 73.04 3.89 9.14 N | 61.43 3.60 11.16 N | 85.42 4.40 3.29 N | 72.23 3.95 3.93 N | 68.70 3.47 1.58 N | 70.26 3.86 4.09 N | 42.90 3.24 24.82 N | 6.09 2.72 49.46 N | 70.33 3.68 4.31 N | 83.68 3.68 -13.59 N | 68.95 3.01 -5.96 N | 61.40 2.61 -5.12 N |
| MONGAUP___HYD 23641 | 54.27 2.67 -14.56 N | 75.65 4.12 -10.99 N | 90.37 3.24 -37.38 N | 67.20 3.06 -15.69 N | 59.61 3.59 0.00 N | 60.42 3.86 0.00 N | 91.40 5.99 0.00 N | 101.39 7.69 0.00 N | 97.43 -4.42 -124.50 N | 91.29 5.93 -26.87 N | 110.87 5.45 -47.84 N | 120.12 6.86 -41.62 N | 108.10 7.65 -22.16 N | 115.72 6.92 -39.82 N | 100.64 8.42 -7.92 N | 94.37 7.19 -14.97 N | 76.82 6.32 -3.70 N | 86.92 6.84 -9.59 N | 128.80 6.11 -58.22 N | 173.85 4.99 -116.03 N | 87.81 6.75 -10.10 N | 83.76 6.44 -10.91 N | 70.02 5.26 -4.79 N | 62.47 4.69 -4.12 N |
| MONTAUK___DIESEL 23721 | 58.80 5.71 -16.06 N | 81.83 9.17 -12.12 N | 98.46 7.50 -41.22 N | 72.89 7.14 -17.30 N | 64.51 8.49 0.00 N | 65.92 9.36 0.00 N | 101.38 15.97 0.00 N | 116.71 20.07 -2.95 N | 95.00 -7.01 -124.66 N | 99.61 13.15 -27.97 N | 120.35 12.22 -50.56 N | 129.76 14.18 -43.94 N | 117.56 15.84 -23.43 N | 124.17 13.30 -41.89 N | 109.04 16.36 -8.37 N | 102.52 14.49 -15.82 N | 84.08 13.36 -3.91 N | 95.13 14.51 -10.14 N | 139.62 13.62 -61.52 N | 186.68 11.25 -122.61 N | 95.89 14.26 -10.67 N | 90.90 12.99 -11.50 N | 75.44 10.42 -5.05 N | 66.56 8.56 -4.34 N |
| MUNSVILLE_WIND_PWR 323609 | 43.17 1.22 -4.92 N | 65.80 1.56 -3.71 N | 63.35 0.99 -12.62 N | 54.52 0.77 -5.30 N | 57.98 1.96 0.00 N | 58.96 2.40 0.00 N | 90.97 5.56 0.00 N | 101.32 7.62 0.00 N | 87.06 -2.33 -112.04 N | 76.68 4.70 -13.48 N | 79.03 4.98 -16.48 N | 92.01 6.08 -14.29 N | 92.66 6.73 -7.63 N | 90.72 5.94 -15.79 N | 93.77 6.74 -2.73 N | 82.59 5.23 -5.15 N | 72.54 4.47 -1.27 N | 78.42 4.64 -3.29 N | 89.24 4.78 -19.98 N | 96.93 4.28 -39.82 N | 80.51 6.09 -3.47 N | 74.55 4.42 -3.71 N | 64.61 3.01 -1.63 N | 56.60 1.54 -1.40 N |
| N SALMON___HYD 24042 | 35.40 -1.64 0.00 N | 57.83 -2.71 0.00 N | 47.61 -2.13 0.00 N | 46.47 -1.99 0.00 N | 53.64 -2.38 0.00 N | 54.23 -2.33 0.00 N | 82.32 -3.09 0.00 N | 90.10 -3.60 0.00 N | 12.27 0.50 -34.42 N | 58.56 -2.04 -2.10 N | 55.83 -1.74 0.00 N | 69.76 -1.88 0.00 N | 76.16 -2.13 0.00 N | 67.93 -2.08 -1.03 N | 81.86 -2.45 0.00 N | 70.00 -2.20 0.00 N | 64.75 -2.05 0.00 N | 68.32 -2.17 0.00 N | 62.55 -1.92 0.00 N | 51.34 -1.49 0.00 N | 69.04 -1.91 0.00 N | 64.57 -1.84 0.00 N | 58.19 -1.79 0.00 N | 51.99 -1.67 0.00 N |
| N.E_GEN_SANDY PD 24062 | 105.00 4.29 -25.00 N | 89.00 3.16 -30.42 N | 101.28 2.86 -48.68 N | 71.63 2.75 -20.43 N | 59.26 3.24 0.00 N | 59.93 3.37 0.00 N | 77.01 4.46 6.44 N | 100.00 6.23 -3.24 N | 99.42 4.24 -14.52 N | 106.21 -65.35 -1132.59 N | 115.01 -63.41 -1139.15 N | 94.58 4.59 -18.36 N | 83.47 5.18 0.00 N | 90.66 5.36 -0.31 N | 91.44 5.56 -4.73 N | 78.62 5.14 -1.27 N | 71.16 4.49 0.12 N | 75.04 4.88 0.33 N | 66.55 4.05 1.98 N | 52.13 3.24 3.94 N | 91.01 4.70 -11.15 N | 99.23 5.40 -13.24 N | 80.00 4.59 -1.02 N | 55.43 3.44 11.59 N |
| NARROWS_GT1_1 24228 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NARROWS_GT1_2 24229 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NARROWS_GT1_3 24230 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NARROWS_GT1_4 24231 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 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 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NARROWS_GT1_6 24233 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NARROWS_GT1_7 24234 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NARROWS_GT1_8 24235 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NARROWS_GT2_1 24236 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NARROWS_GT2_2 24237 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NARROWS_GT2_3 24238 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NARROWS_GT2_4 24239 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NARROWS_GT2_5 24240 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NARROWS_GT2_6 24241 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NARROWS_GT2_7 24242 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NARROWS_GT2_8 24243 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.50 7.38 -50.55 N | 124.85 9.27 -43.94 N | 111.97 10.26 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.06 6.63 -122.60 N | 90.52 8.89 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N |
| NEG CAPITAL___MECHNVIL 23645 | 58.92 1.56 -20.32 N | 78.54 2.68 -15.34 N | 103.94 2.05 -52.15 N | 72.31 1.97 -21.89 N | 58.53 2.51 0.00 N | 59.34 2.78 0.00 N | 89.63 4.22 0.00 N | 99.00 5.30 0.00 N | 99.82 -2.07 -124.53 N | 61.75 3.16 -0.10 N | 41.54 3.18 19.21 N | 84.59 4.09 -8.86 N | 73.96 4.57 8.90 N | 62.42 4.21 10.77 N | 86.27 5.17 3.20 N | 72.94 4.51 3.79 N | 69.21 3.94 1.53 N | 70.89 4.38 3.98 N | 44.01 3.68 24.14 N | 7.88 3.16 48.11 N | 71.08 4.31 4.19 N | 84.29 4.40 -13.47 N | 69.38 3.49 -5.91 N | 61.71 2.97 -5.08 N |
| NEG CENTRAL_HIGH_ACRES | 37.18 | 58.90 | 51.92 | 47.83 | 53.34 | 53.91 | 81.14 | 89.10 | 83.23 | 64.92 | 61.23 | 73.87 | 77.52 | 73.39 | 80.82 | 70.24 | 63.67 | 67.81 | 68.55 | 65.20 | 69.32 | 64.55 | 57.63 | 51.55 |

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| 23767 | -1.77 -1.90 N | -3.07 -1.44 N | -2.71 -4.88 N | -2.68 -2.05 N | -2.68 0.00 N | -2.65 0.00 N | -4.27 0.00 N | -4.60 0.00 N | 1.44 -104.44 N | -2.45 -8.87 N | -2.53 -6.19 N | -3.20 -5.43 N | -3.64 -2.87 N | -3.39 -7.80 N | -4.50 -1.02 N | -3.91 -1.94 N | -3.61 -0.48 N | -3.92 -1.24 N | -3.48 -7.55 N | -2.67 -15.04 N | -2.95 -1.31 N | -3.31 -1.44 N | -2.98 -0.63 N | -2.65 -0.54 N |
| NEG CENTRAL___DRP 24199 | 39.16 -0.17 -2.29 N | 61.72 -0.54 -1.73 N | 55.01 -0.61 -5.87 N | 50.23 -0.69 -2.47 N | 55.79 -0.23 0.00 N | 56.48 -0.08 0.00 N | 85.66 0.25 0.00 N | 94.55 0.86 0.00 N | 80.11 -0.34 -103.09 N | 68.46 0.64 -9.32 N | 65.65 0.58 -7.50 N | 78.89 0.70 -6.55 N | 82.37 0.61 -3.47 N | 78.17 0.44 -8.74 N | 85.60 0.05 -1.24 N | 74.35 -0.21 -2.35 N | 67.19 -0.19 -0.58 N | 71.80 -0.20 -1.51 N | 73.65 0.04 -9.14 N | 71.39 0.34 -18.22 N | 73.24 0.70 -1.59 N | 68.22 0.08 -1.73 N | 60.60 -0.14 -0.76 N | 53.91 -0.41 -0.65 N |
| NEG CENTRAL___INDECK 23768 | 39.69 -0.08 -2.73 N | 62.08 -0.51 -2.06 N | 56.03 -0.73 -7.01 N | 50.57 -0.82 -2.94 N | 55.63 -0.39 0.00 N | 56.50 -0.05 0.00 N | 86.21 0.79 0.00 N | 95.56 1.86 0.00 N | 83.78 0.33 -106.10 N | 69.88 1.29 -8.97 N | 67.68 1.14 -7.82 N | 80.94 1.48 -4.16 N | 83.97 1.52 -9.95 N | 80.03 1.10 -9.95 N | 86.53 0.74 -1.48 N | 75.21 0.19 -2.81 N | 67.66 0.17 -0.69 N | 72.64 0.36 -1.80 N | 76.02 0.64 -10.91 N | 75.56 0.98 -21.74 N | 74.85 2.01 -1.89 N | 69.35 0.88 -2.06 N | 61.41 0.53 -0.90 N | 54.51 0.06 -0.78 N |
| NEG CENTRAL___SENECA 23627 | 39.01 -0.42 -2.39 N | 61.34 -1.00 -1.81 N | 54.84 -1.05 -6.15 N | 49.91 -1.12 -2.58 N | 55.44 -0.59 0.00 N | 56.19 -0.37 0.00 N | 85.30 -0.12 0.00 N | 94.34 0.64 0.00 N | 81.70 -0.11 -104.46 N | 68.51 0.47 -9.55 N | 65.82 0.39 -7.85 N | 79.01 0.51 -6.85 N | 82.36 0.43 -3.64 N | 78.29 0.26 -9.05 N | 85.33 -0.27 -1.30 N | 74.07 -0.60 -2.46 N | 66.83 -0.58 -0.61 N | 71.51 -0.55 -1.58 N | 73.79 -0.25 -9.56 N | 72.04 0.16 -19.05 N | 73.11 0.50 -1.66 N | 68.01 -0.21 -1.81 N | 60.32 -0.45 -0.79 N | 53.58 -0.77 -0.68 N |
| NEG CENTRAL___STATE_STREET 24147 | 39.34 0.01 -2.29 N | 61.92 -0.34 -1.73 N | 55.18 -0.46 -5.89 N | 50.40 -0.52 -2.47 N | 56.25 0.23 0.00 N | 56.84 0.28 0.00 N | 86.42 1.01 0.00 N | 95.64 1.95 0.00 N | 79.43 -0.90 -102.98 N | 69.06 1.27 -9.30 N | 66.22 1.17 -7.47 N | 79.61 1.45 -6.52 N | 83.16 1.41 -3.46 N | 78.84 1.15 -8.71 N | 86.43 0.89 -1.24 N | 75.04 0.49 -2.34 N | 68.01 0.62 -0.58 N | 72.46 0.46 -1.51 N | 74.21 0.56 -9.18 N | 71.92 0.81 -18.29 N | 73.94 1.39 -1.59 N | 68.89 0.74 -1.74 N | 61.06 0.32 -0.76 N | 54.20 -0.12 -0.66 N |
| NEG MILLWOOD___DRP 24198 | 56.73 3.37 -16.32 N | 78.09 5.24 -12.32 N | 95.77 4.14 -41.89 N | 69.97 3.93 -17.58 N | 60.68 4.65 0.00 N | 61.56 5.00 0.00 N | 93.77 8.36 0.00 N | 104.20 10.50 0.00 N | 97.41 -4.60 -124.66 N | 92.08 7.30 -26.28 N | 110.73 6.82 -46.33 N | 121.98 8.53 -41.81 N | 109.31 9.51 -21.51 N | 116.15 8.39 -38.78 N | 102.23 10.24 -7.69 N | 95.67 8.79 -14.67 N | 78.26 7.87 -3.59 N | 88.32 8.53 -9.31 N | 128.45 7.63 -56.35 N | 171.44 6.31 -112.30 N | 89.16 8.43 -9.77 N | 86.05 8.02 -11.62 N | 71.62 6.54 -5.10 N | 63.46 5.41 -4.38 N |
| NEG NORTH_FLCN_SEA 23793 | 34.92 -2.12 0.00 N | 57.07 -3.47 0.00 N | 46.86 -2.88 0.00 N | 45.66 -2.79 0.00 N | 52.78 -3.24 0.00 N | 53.30 -3.26 0.00 N | 80.61 -4.80 0.00 N | 88.26 -5.44 0.00 N | 7.17 0.88 -28.94 N | 56.95 -3.31 -1.77 N | 54.60 -2.97 0.00 N | 68.36 -3.28 0.00 N | 74.81 -3.48 0.00 N | 66.58 -3.27 -0.87 N | 80.40 -3.90 0.00 N | 68.82 -3.39 0.00 N | 63.61 -3.20 0.00 N | 67.00 -3.49 0.00 N | 61.24 -3.23 0.00 N | 50.32 -2.51 0.00 N | 67.69 -3.27 0.00 N | 63.53 -2.87 0.00 N | 57.12 -2.86 0.00 N | 51.10 -2.57 0.00 N |
| NEG NORTH_KES_CHATEGAY 23792 | 35.21 -1.83 0.00 N | 57.55 -2.98 0.00 N | 47.37 -2.37 0.00 N | 46.20 -2.26 0.00 N | 53.35 -2.68 0.00 N | 53.85 -2.71 0.00 N | 81.49 -3.92 0.00 N | 88.98 -4.72 0.00 N | 8.40 0.72 -30.33 N | 57.60 -2.75 -1.85 N | 55.12 -2.45 0.00 N | 68.83 -2.81 0.00 N | 75.27 -3.02 0.00 N | 67.06 -2.83 -0.91 N | 81.03 -3.28 0.00 N | 69.36 -2.85 0.00 N | 64.19 -2.61 0.00 N | 67.69 -2.80 0.00 N | 61.92 -2.56 0.00 N | 50.77 -2.06 0.00 N | 68.26 -2.70 0.00 N | 63.92 -2.49 0.00 N | 57.65 -2.33 0.00 N | 51.57 -2.10 0.00 N |
| NEG NORTH___ALICE_FALLS 23915 | 35.25 -1.79 0.00 N | 57.60 -2.93 0.00 N | 47.33 -2.42 0.00 N | 46.12 -2.34 0.00 N | 53.30 -2.72 0.00 N | 53.84 -2.72 0.00 N | 81.53 -3.88 0.00 N | 89.35 -4.35 0.00 N | 7.10 0.60 -29.14 N | 57.61 -2.66 -1.78 N | 55.22 -2.36 0.00 N | 69.09 -2.56 0.00 N | 75.59 -2.70 0.00 N | 67.25 -2.60 -0.87 N | 81.16 -3.14 0.00 N | 69.47 -2.74 0.00 N | 64.21 -2.59 0.00 N | 67.68 -2.81 0.00 N | 61.90 -2.58 0.00 N | 50.86 -1.97 0.00 N | 68.44 -2.52 0.00 N | 64.21 -2.20 0.00 N | 57.67 -2.31 0.00 N | 51.61 -2.06 0.00 N |
| NEG NORTH___LWR_SARANAC 23913 | 35.25 -1.79 0.00 N | 57.60 -2.93 0.00 N | 47.33 -2.42 0.00 N | 46.12 -2.33 0.00 N | 53.30 -2.72 0.00 N | 53.84 -2.72 0.00 N | 81.54 -3.87 0.00 N | 89.35 -4.35 0.00 N | 7.09 0.60 -29.14 N | 57.61 -2.66 -1.78 N | 55.22 -2.36 0.00 N | 69.09 -2.56 0.00 N | 75.59 -2.70 0.00 N | 67.25 -2.60 -0.87 N | 81.17 -3.14 0.00 N | 69.48 -2.73 0.00 N | 64.21 -2.59 0.00 N | 67.68 -2.81 0.00 N | 61.90 -2.58 0.00 N | 50.86 -1.97 0.00 N | 68.44 -2.52 0.00 N | 64.21 -2.20 0.00 N | 57.67 -2.31 0.00 N | 51.61 -2.06 0.00 N |
| NEG NORTH___PLATTSBURG 23628 | 35.25 -1.79 0.00 N | 57.60 -2.93 0.00 N | 47.33 -2.42 0.00 N | 46.12 -2.34 0.00 N | 53.30 -2.72 0.00 N | 53.84 -2.72 0.00 N | 81.53 -3.88 0.00 N | 89.35 -4.35 0.00 N | 7.10 0.60 -29.14 N | 57.61 -2.66 -1.78 N | 55.22 -2.36 0.00 N | 69.09 -2.56 0.00 N | 75.59 -2.70 0.00 N | 67.25 -2.60 -0.87 N | 81.16 -3.14 0.00 N | 69.47 -2.74 0.00 N | 64.21 -2.59 0.00 N | 67.68 -2.81 0.00 N | 61.90 -2.58 0.00 N | 50.86 -1.97 0.00 N | 68.44 -2.52 0.00 N | 64.21 -2.20 0.00 N | 57.67 -2.31 0.00 N | 51.61 -2.06 0.00 N |
| NEG WEST_LEA_LOCKPORT 23791 | 36.85 -2.59 -2.41 N | 57.90 -4.45 -1.82 N | 51.94 -3.98 -6.18 N | 47.10 -3.95 -2.59 N | 52.03 -3.99 0.00 N | 52.56 -4.00 0.00 N | 78.55 -6.86 0.00 N | 85.46 -8.24 0.00 N | 86.26 3.30 -105.61 N | 63.34 -4.78 -9.62 N | 60.44 -5.00 -7.87 N | 72.30 -6.21 -6.87 N | 75.21 -6.73 -3.64 N | 71.85 -6.23 -9.10 N | 77.54 -8.07 -1.30 N | 67.64 -7.03 -2.46 N | 60.92 -6.49 -0.61 N | 65.29 -6.77 -1.58 N | 68.08 -5.97 -9.58 N | 67.21 -4.70 -19.09 N | 67.33 -5.29 -1.66 N | 62.42 -5.80 -1.81 N | 55.81 -4.97 -0.79 N | 50.26 -4.09 -0.68 N |
| NEG WEST___LANCASTER 23811 | 37.99 -1.99 -2.95 N | 59.26 -3.49 -2.23 N | 54.15 -3.17 -7.57 N | 48.33 -3.30 -3.18 N | 52.69 -3.33 0.00 N | 53.43 -3.13 0.00 N | 81.12 -4.29 0.00 N | 89.39 -4.31 0.00 N | 86.26 2.24 -106.67 N | 65.90 -3.01 -10.41 N | 64.12 -3.13 -9.68 N | 76.39 -3.68 -8.43 N | 78.93 -3.84 -4.48 N | 75.90 -3.58 -10.50 N | 80.84 -5.06 -1.60 N | 70.36 -4.88 -3.03 N | 63.14 -4.41 -0.75 N | 68.20 -4.23 -1.94 N | 72.85 -3.40 -11.78 N | 74.01 -2.28 -23.47 N | 70.19 -2.81 -2.04 N | 65.06 -3.57 -2.21 N | 57.69 -3.26 -0.97 N | 51.27 -3.23 -0.84 N |
| NEG PENN_ALLEGHNY 23528 | 43.43 0.76 -5.64 N | 65.94 1.15 -4.26 N | 65.05 0.83 -14.47 N | 55.19 0.66 -6.07 N | 57.03 1.01 0.00 N | 57.81 1.25 0.00 N | 88.11 2.71 0.00 N | 97.57 3.87 0.00 N | 87.91 -1.45 -112.00 N | 75.27 2.43 -14.35 N | 78.51 2.30 -18.64 N | 90.76 2.97 -16.15 N | 90.20 3.28 -8.63 N | 89.33 2.93 -17.42 N | 90.54 3.15 -3.09 N | 80.38 2.35 -5.83 N | 70.41 2.17 -1.44 N | 76.79 2.56 -3.74 N | 89.76 2.60 -22.68 N | 100.49 2.47 -45.19 N | 78.06 3.17 -3.93 N | 73.14 2.53 -4.20 N | 63.79 1.96 -1.84 N | 56.51 1.26 -1.59 N |

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|----------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| NEG__GEN_MONROE 24207 | 37.84 -1.25 -2.05 N | 59.79 -2.29 -1.54 N | 52.88 -2.11 -5.25 N | 48.53 -2.12 -2.21 N | 54.06 -1.97 0.00 N | 54.75 -1.81 0.00 N | 82.77 -2.64 0.00 N | 90.65 -3.05 0.00 N | 83.51 1.37 -104.79 N | 66.04 -1.54 -9.09 N | 62.54 -1.71 -6.67 N | 75.32 -2.16 -5.84 N | 78.93 -2.45 -3.09 N | 74.75 -2.40 -8.17 N | 82.06 -3.35 -1.10 N | 71.30 -3.00 -2.09 N | 64.53 -2.79 -0.52 N | 68.84 -2.98 -1.34 N | 70.03 -2.57 -8.12 N | 67.18 -1.85 -16.19 N | 70.72 -1.64 -1.41 N | 65.66 -2.30 -1.55 N | 58.55 -2.11 -0.68 N | 52.37 -1.88 -0.58 N |
| NEPA__ENERGY 23901 | 38.61 -1.76 -3.33 N | 59.96 -3.08 -2.51 N | 55.47 -2.81 -8.54 N | 48.93 -3.11 -3.59 N | 52.84 -3.18 0.00 N | 53.73 -2.83 0.00 N | 82.72 -2.69 0.00 N | 92.19 -1.50 0.00 N | 86.23 1.48 -107.41 N | 67.46 -2.01 -10.98 N | 66.45 -2.09 -10.97 N | 79.07 -2.11 -9.54 N | 81.31 -2.06 -5.08 N | 78.61 -1.87 -11.49 N | 82.89 -3.23 -1.82 N | 71.94 -3.70 -3.43 N | 64.39 -3.26 -0.85 N | 69.97 -2.72 -2.20 N | 76.06 -1.77 -13.35 N | 78.84 -0.58 -26.60 N | 71.84 -1.43 -2.32 N | 66.63 -2.29 -2.50 N | 58.79 -2.29 -1.10 N | 51.67 -2.94 -0.94 N |
| NEVERSINK__HYD 23608 | 53.36 2.56 -13.76 N | 74.89 3.97 -10.39 N | 88.27 3.20 -35.32 N | 66.33 3.05 -14.83 N | 59.67 3.65 0.00 N | 60.52 3.96 0.00 N | 92.29 6.88 0.00 N | 102.12 8.42 0.00 N | 96.48 -5.30 -124.43 N | 90.89 7.18 -25.22 N | 108.07 6.78 -43.72 N | 119.32 8.60 -39.08 N | 107.89 9.37 -20.23 N | 113.86 8.20 -36.67 N | 101.33 9.80 -7.23 N | 93.85 7.88 -13.76 N | 76.57 6.40 -3.37 N | 86.31 7.09 -8.74 N | 124.06 6.45 -53.14 N | 164.11 5.39 -105.89 N | 87.45 7.28 -9.22 N | 83.80 6.79 -10.60 N | 70.21 5.58 -4.65 N | 62.29 4.62 -4.00 N |
| NEWTON__FALLS_HYD 23847 | 34.56 -2.48 0.00 N | 56.48 -4.05 0.00 N | 46.47 -3.28 0.00 N | 45.35 -3.10 0.00 N | 52.45 -3.57 0.00 N | 53.08 -3.48 0.00 N | 80.74 -4.67 0.00 N | 88.46 -5.24 0.00 N | 45.59 1.06 -67.18 N | 59.43 -3.17 -4.11 N | 54.64 -2.93 0.00 N | 68.59 -3.42 -0.36 N | 74.39 -3.90 0.00 N | 67.41 -3.58 -2.01 N | 80.01 -4.29 0.00 N | 68.57 -3.68 -0.03 N | 63.43 -3.37 0.00 N | 66.92 -3.57 0.00 N | 61.36 -3.12 0.00 N | 50.29 -2.53 0.00 N | 67.61 -3.35 0.00 N | 63.27 -3.40 -0.25 N | 56.85 -3.24 -0.11 N | 50.80 -2.97 -0.10 N |
| NIAGARA____ 23760 | 36.37 -3.06 -2.39 N | 57.16 -5.18 -1.81 N | 51.31 -4.58 -6.14 N | 46.52 -4.51 -2.58 N | 51.37 -4.66 0.00 N | 51.77 -4.79 0.00 N | 77.02 -8.38 0.00 N | 83.56 -10.14 0.00 N | 86.74 3.74 -105.65 N | 62.22 -5.88 -9.61 N | 59.29 -6.11 -7.83 N | 70.84 -7.64 -6.84 N | 73.62 -8.30 -3.63 N | 70.43 -7.62 -9.07 N | 75.91 -9.69 -1.30 N | 66.33 -8.33 -2.45 N | 59.72 -7.68 -0.60 N | 64.00 -8.06 -1.57 N | 66.81 -7.20 -9.53 N | 66.03 -5.78 -18.99 N | 65.90 -6.70 -1.65 N | 61.18 -7.03 -1.80 N | 54.79 -5.98 -0.79 N | 49.47 -4.88 -0.68 N |
| NINE_MILE_1 23575 | 37.86 -0.35 -1.17 N | 60.79 -0.62 -0.89 N | 52.17 -0.59 -3.01 N | 49.11 -0.61 -1.27 N | 55.38 -0.64 0.00 N | 55.84 -0.72 0.00 N | 84.06 -1.34 0.00 N | 92.32 -1.38 0.00 N | 71.00 0.06 -93.59 N | 65.15 -0.59 -7.24 N | 60.74 -0.61 -3.78 N | 74.11 -0.87 -3.34 N | 78.90 -1.15 -1.75 N | 73.62 -1.02 -5.66 N | 83.42 -1.51 -0.63 N | 72.13 -1.27 -1.19 N | 65.98 -1.11 -0.29 N | 69.85 -1.40 -0.76 N | 67.87 -1.22 -4.61 N | 61.09 -0.92 -9.18 N | 70.67 -1.09 -0.80 N | 66.18 -1.13 -0.90 N | 59.49 -0.89 -0.40 N | 53.25 -0.75 -0.34 N |
| NINE_MILE_2 23744 | 37.89 -0.32 -1.18 N | 60.81 -0.62 -0.89 N | 52.20 -0.57 -3.03 N | 49.14 -0.59 -1.27 N | 55.38 -0.64 0.00 N | 55.85 -0.71 0.00 N | 84.08 -1.33 0.00 N | 92.32 -1.37 0.00 N | 70.43 0.07 -93.00 N | 65.14 -0.57 -7.22 N | 60.78 -0.60 -3.81 N | 74.15 -0.86 -3.36 N | 78.92 -1.13 -1.76 N | 73.62 -1.02 -5.66 N | 83.42 -1.51 -0.63 N | 72.15 -1.25 -1.20 N | 66.00 -1.10 -0.29 N | 69.87 -1.38 -0.76 N | 67.93 -1.19 -4.64 N | 61.15 -0.91 -9.24 N | 70.70 -1.07 -0.80 N | 66.19 -1.13 -0.91 N | 59.49 -0.88 -0.40 N | 53.27 -0.73 -0.34 N |
| NM_CAPITAL__DRP 24208 | 58.63 1.24 -20.36 N | 77.97 2.07 -15.37 N | 103.55 1.55 -52.25 N | 71.92 1.53 -21.93 N | 58.07 2.05 0.00 N | 58.84 2.27 0.00 N | 88.46 3.05 0.00 N | 97.29 3.59 0.00 N | 100.08 -1.80 -124.53 N | 60.77 2.47 0.19 N | 40.20 2.56 19.93 N | 83.26 3.11 -8.50 N | 72.47 3.41 9.24 N | 60.89 3.23 11.32 N | 84.90 3.93 3.33 N | 71.75 3.59 4.05 N | 68.34 3.14 1.61 N | 69.85 3.52 4.16 N | 42.14 2.92 25.26 N | 4.96 2.47 50.34 N | 69.91 3.33 4.38 N | 83.25 3.35 -13.50 N | 68.63 2.73 -5.92 N | 61.17 2.42 -5.09 N |
| NM_CENTRAL__DRP 24181 | 39.49 0.59 -1.86 N | 62.78 0.85 -1.41 N | 55.11 0.58 -4.78 N | 50.95 0.49 -2.01 N | 56.79 0.77 0.00 N | 57.44 0.88 0.00 N | 87.08 1.67 0.00 N | 96.02 2.32 0.00 N | 78.91 -0.98 -102.54 N | 68.97 1.74 -8.74 N | 65.38 1.67 -6.14 N | 79.02 2.00 -5.38 N | 83.03 1.90 -2.85 N | 78.33 1.64 -7.71 N | 87.08 1.75 -1.02 N | 75.57 1.43 -1.93 N | 68.59 1.31 -0.47 N | 72.98 1.26 -1.23 N | 73.24 1.28 -7.48 N | 68.97 1.23 -14.91 N | 74.01 1.76 -1.30 N | 69.14 1.30 -1.43 N | 61.65 1.05 -0.62 N | 54.97 0.76 -0.54 N |
| NM_FRONTIER__DRP 24179 | 36.52 -2.96 -2.44 N | 57.37 -5.00 -1.84 N | 51.57 -4.44 -6.26 N | 46.72 -4.36 -2.63 N | 51.57 -4.45 0.00 N | 51.98 -4.58 0.00 N | 77.31 -8.10 0.00 N | 83.79 -9.91 0.00 N | 86.82 3.75 -105.72 N | 62.41 -5.75 -9.67 N | 59.53 -6.01 -7.98 N | 71.10 -7.51 -6.96 N | 73.88 -8.11 -3.70 N | 70.72 -7.45 -9.18 N | 76.13 -9.50 -1.32 N | 66.55 -8.16 -2.50 N | 59.89 -7.53 -0.62 N | 64.20 -7.89 -1.60 N | 67.15 -7.03 -9.71 N | 66.53 -5.65 -19.35 N | 66.14 -6.50 -1.68 N | 61.36 -6.88 -1.84 N | 54.94 -5.84 -0.81 N | 49.64 -4.72 -0.69 N |
| NM_ST_REGIS__HYD 24053 | 34.45 -2.59 0.00 N | 56.34 -4.19 0.00 N | 46.42 -3.32 0.00 N | 45.43 -3.03 0.00 N | 52.36 -3.66 0.00 N | 52.84 -3.73 0.00 N | 80.21 -5.20 0.00 N | 87.40 -6.29 0.00 N | 22.38 1.22 -43.81 N | 57.43 -3.74 -2.68 N | 54.21 -3.37 0.00 N | 67.91 -3.73 0.00 N | 74.10 -4.19 0.00 N | 66.37 -3.92 -1.31 N | 79.79 -4.51 0.00 N | 68.34 -3.87 0.00 N | 63.30 -3.49 0.00 N | 66.85 -3.64 0.00 N | 61.28 -3.19 0.00 N | 50.18 -2.64 0.00 N | 67.40 -3.56 0.00 N | 62.86 -3.55 0.00 N | 56.74 -3.23 0.00 N | 50.83 -2.84 0.00 N |
| NORTHPORT__1 23551 | 57.14 4.05 -16.06 N | 78.86 6.20 -12.12 N | 95.92 4.95 -41.22 N | 70.42 4.66 -17.30 N | 61.51 5.48 0.00 N | 62.59 6.03 0.00 N | 95.35 9.94 0.00 N | 109.33 12.68 -2.95 N | 96.79 -5.23 -124.66 N | 95.14 8.68 -27.97 N | 115.86 7.73 -50.56 N | 124.51 8.93 -43.94 N | 112.14 10.42 -23.43 N | 119.52 8.65 -41.89 N | 103.80 11.13 -8.37 N | 98.32 10.29 -15.82 N | 80.19 9.48 -3.91 N | 90.89 10.26 -10.14 N | 135.42 9.41 -61.52 N | 182.74 7.31 -122.61 N | 90.34 8.71 -10.67 N | 86.22 8.30 -11.50 N | 71.90 6.87 -5.05 N | 63.96 5.96 -4.34 N |
| NORTHPORT__2 23552 | 57.14 4.05 -16.06 N | 78.86 6.20 -12.12 N | 95.92 4.95 -41.22 N | 70.42 4.66 -17.30 N | 61.51 5.48 0.00 N | 62.59 6.03 0.00 N | 95.35 9.94 0.00 N | 109.33 12.68 -2.95 N | 96.79 -5.23 -124.66 N | 95.14 8.68 -27.97 N | 115.86 7.73 -50.56 N | 124.51 8.93 -43.94 N | 112.14 10.42 -23.43 N | 119.52 8.65 -41.89 N | 103.80 11.13 -8.37 N | 98.32 10.29 -15.82 N | 80.19 9.48 -3.91 N | 90.89 10.26 -10.14 N | 135.42 9.41 -61.52 N | 182.74 7.31 -122.61 N | 90.34 8.71 -10.67 N | 86.22 8.30 -11.50 N | 71.90 6.87 -5.05 N | 63.96 5.96 -4.34 N |
| NORTHPORT__3 23553 | 56.89 3.79 -16.06 N | 78.43 5.77 -12.12 N | 95.54 4.57 -41.22 N | 70.07 4.32 -17.30 N | 61.08 5.06 0.00 N | 62.15 5.59 0.00 N | 94.66 9.25 0.00 N | 108.57 11.93 -2.95 N | 97.04 -4.97 -124.66 N | 94.66 8.19 -27.97 N | 115.34 7.21 -50.56 N | 123.97 8.39 -43.94 N | 111.56 9.84 -23.43 N | 118.99 8.12 -41.89 N | 103.29 10.62 -8.37 N | 97.80 9.77 -15.82 N | 79.67 8.96 -3.91 N | 90.35 9.73 -10.14 N | 134.91 8.91 -61.52 N | 182.32 6.88 -122.61 N | 89.76 8.13 -10.67 N | 85.69 7.79 -11.50 N | 71.45 6.42 -5.05 N | 63.63 5.63 -4.34 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|--------------------------------|-------------------------------|---------------------------------|-----------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|---|
| NORTHPORT___4 23650 | 56.89 3.79 -16.06 N | 78.43 5.77 -12.12 N | 95.54 4.57 -41.22 N | 70.07 4.32 -17.30 N | 61.08 5.06 0.00 N | 62.15 5.59 0.00 N | 94.66 9.25 0.00 N | 108.57 11.93 -2.95 N | 97.04 -4.97 -124.66 N | 94.66 8.19 -27.97 N | 115.34 7.21 -50.56 N | 123.97 8.39 -43.94 N | 111.56 9.84 -23.43 N | 118.99 8.12 -41.89 N | 103.29 10.62 -8.37 N | 97.80 9.77 -15.82 N | 79.67 8.96 -3.91 N | 90.35 9.73 -10.14 N | 134.91 8.91 -61.52 N | 182.32 6.88 -122.61 N | 89.76 8.13 -10.67 N | 85.69 7.79 -11.50 N | 71.45 6.42 -5.05 N | 63.63 5.63 -4.34 N | |
| NORTHPORT___IC 23718 | 57.14 4.05 -16.06 N | 78.86 6.20 -12.12 N | 95.92 4.95 -41.22 N | 70.42 4.66 -17.30 N | 61.51 5.48 0.00 N | 62.59 6.03 0.00 N | 95.35 9.94 0.00 N | 109.33 12.68 -2.95 N | 96.79 -5.23 -124.66 N | 95.14 8.68 -27.97 N | 115.86 7.73 -50.56 N | 124.51 8.93 -43.94 N | 112.14 10.42 -23.43 N | 119.52 8.65 -41.89 N | 103.80 11.13 -8.37 N | 98.32 10.29 -15.82 N | 80.19 9.48 -3.91 N | 90.89 10.26 -10.14 N | 135.42 9.41 -61.52 N | 182.74 7.31 -122.61 N | 90.34 8.71 -10.67 N | 86.22 8.30 -11.50 N | 71.90 6.87 -5.05 N | 63.96 5.96 -4.34 N | |
| NPX_GEN_1385_PROXY 323591 | 103.67 8.59 -19.38 N | 87.11 5.80 -25.89 N | 95.99 5.03 -41.22 N | 70.51 4.75 -17.30 N | 61.60 5.58 0.00 N | 62.69 6.12 0.00 N | 117.76 9.61 -29.16 N | 111.47 13.15 -7.79 N | 109.85 10.69 -18.50 N | 75.65 -149.17 -1185.85 N | 115.95 7.82 -50.56 N | 124.65 9.07 -43.94 N | 112.27 10.55 -23.43 N | 115.55 10.91 -19.65 N | 112.89 10.79 -20.95 N | 98.44 10.41 -15.82 N | 80.31 9.60 -3.91 N | 91.00 10.38 -10.14 N | 135.54 9.54 -61.52 N | 182.85 7.41 -122.61 N | 109.45 10.16 -24.12 N | 118.34 10.44 -27.31 N | 84.12 8.70 -1.02 N | 64.06 6.06 -4.34 N | |
| NPX_GEN_CSC 323557 | 103.80 8.72 -19.38 N | 87.38 6.07 -25.89 N | 96.46 5.50 -41.22 N | 70.94 5.19 -17.30 N | 62.15 6.13 0.00 N | 63.06 6.50 0.00 N | 118.62 10.46 -29.16 N | 112.44 14.12 -7.79 N | 110.43 11.27 -18.50 N | 68.93 -155.90 -1185.85 N | 116.42 8.29 -50.56 N | 124.98 9.40 -43.94 N | 112.53 10.81 -23.43 N | 115.85 11.21 -19.65 N | 113.03 10.93 -20.95 N | 98.44 10.41 -15.82 N | 80.29 9.58 -3.91 N | 91.04 10.41 -10.14 N | 135.63 9.63 -61.52 N | 183.08 7.65 -122.61 N | 109.94 10.65 -24.12 N | 118.80 10.90 -27.31 N | 84.16 8.75 -1.02 N | 63.87 5.87 -4.34 N | |
| NSINS_S_GLNS_FALLS 23858 | 58.35 0.37 -20.94 N | 77.41 1.06 -15.81 N | 104.65 1.14 -53.76 N | 72.04 1.02 -22.56 N | 57.21 1.19 0.00 N | 58.05 1.48 0.00 N | 87.49 2.08 0.00 N | 96.62 2.92 0.00 N | 100.24 -1.39 -124.27 N | 61.59 1.31 -1.79 N | 43.89 1.27 14.96 N | 85.16 1.86 -11.66 N | 73.34 1.98 6.93 N | 63.24 1.82 7.57 N | 84.30 2.48 2.42 N | 71.97 2.18 2.42 N | 67.36 1.73 1.17 N | 69.40 1.95 3.04 N | 47.30 1.28 18.45 N | 17.09 1.03 36.77 N | 69.45 1.69 3.20 N | 82.53 2.31 -13.81 N | 67.60 1.56 -6.06 N | 60.19 1.31 -5.21 N | |
| NUCOR_STEEL___DRP 24197 | 39.15 -0.18 -2.30 N | 61.61 -0.65 -1.73 N | 54.94 -0.71 -5.89 N | 50.16 -0.77 -2.47 N | 56.01 -0.01 0.00 N | 56.55 -0.02 0.00 N | 85.86 0.45 0.00 N | 94.92 1.23 0.00 N | 79.48 -0.80 -102.93 N | 68.57 0.79 -9.29 N | 65.75 0.73 -7.45 N | 79.05 0.90 -6.51 N | 82.55 0.80 -3.45 N | 78.30 0.62 -8.70 N | 85.80 0.26 -1.23 N | 74.57 0.03 -2.33 N | 67.60 0.22 -0.58 N | 72.01 0.01 -1.51 N | 73.78 0.11 -9.19 N | 71.59 0.44 -18.32 N | 73.48 0.93 -1.60 N | 68.42 0.27 -1.74 N | 60.67 -0.08 -0.76 N | 53.88 -0.45 -0.66 N | |
| NYISO_LBMP_REFERENCE 24008 | 37.04 0.00 0.00 N | 60.53 0.00 0.00 N | 49.74 0.00 0.00 N | 48.45 0.00 0.00 N | 56.02 0.00 0.00 N | 56.56 0.00 0.00 N | 85.41 0.00 0.00 N | 93.70 0.00 0.00 N | -22.65 0.00 0.00 N | 58.49 0.00 0.00 N | 57.57 0.00 0.00 N | 71.64 0.00 0.00 N | 78.29 0.00 0.00 N | 68.98 0.00 0.00 N | 84.31 0.00 0.00 N | 72.21 0.00 0.00 N | 66.80 0.00 0.00 N | 70.49 0.00 0.00 N | 64.48 0.00 0.00 N | 52.83 0.00 0.00 N | 70.96 0.00 0.00 N | 66.41 0.00 0.00 N | 59.98 0.00 0.00 N | 53.67 0.00 0.00 N | |
| NYPA_BRENTWD____GT 24164 | 57.47 4.38 -16.06 N | 79.39 6.74 -12.12 N | 96.36 5.40 -41.22 N | 70.84 5.09 -17.30 N | 62.00 5.98 0.00 N | 63.11 6.55 0.00 N | 96.36 10.95 0.00 N | 110.56 13.91 -2.95 N | 96.61 -5.40 -124.66 N | 95.63 9.16 -27.97 N | 116.61 8.48 -50.56 N | 125.69 10.11 -43.94 N | 113.33 11.61 -23.43 N | 120.53 9.65 -41.89 N | 104.48 11.81 -8.37 N | 98.93 10.90 -15.82 N | 80.73 10.02 -3.91 N | 91.41 10.78 -10.14 N | 135.92 9.92 -61.52 N | 183.17 7.73 -122.61 N | 90.99 9.36 -10.67 N | 87.11 9.20 -11.50 N | 72.58 7.55 -5.05 N | 64.56 6.56 -4.34 N | |
| NYPA_GOWANUS____GT5 24156 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.49 7.37 -50.55 N | 124.84 9.26 -43.94 N | 111.97 10.25 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.03 6.60 -122.60 N | 90.50 8.88 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N | |
| NYPA_GOWANUS____GT6 24157 | 56.78 3.68 -16.06 N | 78.26 5.61 -12.12 N | 95.35 4.39 -41.22 N | 69.90 4.14 -17.30 N | 60.89 4.87 0.00 N | 61.82 5.26 0.00 N | 94.28 8.88 0.00 N | 104.79 11.10 0.00 N | 97.06 -4.95 -124.66 N | 94.38 7.91 -27.97 N | 115.49 7.37 -50.55 N | 124.84 9.26 -43.94 N | 111.97 10.25 -23.43 N | 120.04 9.18 -41.89 N | 103.85 11.18 -8.37 N | 97.64 9.62 -15.82 N | 79.37 8.66 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.03 6.60 -122.60 N | 90.50 8.88 -10.67 N | 86.54 8.63 -11.50 N | 72.11 7.08 -5.04 N | 63.93 5.93 -4.34 N | |
| NYPA_HARLEM__RVR__GT1 24160 | 56.86 3.77 -16.06 N | 78.42 5.77 -12.12 N | 95.51 4.55 -41.22 N | 70.02 4.26 -17.30 N | 61.06 5.03 0.00 N | 62.02 5.45 0.00 N | 94.60 9.19 0.00 N | 105.06 11.36 0.00 N | 97.10 -4.91 -124.66 N | 94.51 8.05 -27.97 N | 115.63 7.50 -50.55 N | 124.93 9.35 -43.94 N | 112.18 10.46 -23.43 N | 120.17 9.30 -41.89 N | 104.07 11.40 -8.37 N | 97.96 9.93 -15.82 N | 79.67 8.96 -3.91 N | 90.35 9.72 -10.14 N | 134.59 8.60 -61.52 N | 182.03 6.61 -122.60 N | 90.59 8.96 -10.67 N | 86.64 8.73 -11.50 N | 72.26 7.24 -5.04 N | 64.08 6.07 -4.34 N | |
| NYPA_HARLEM__RVR__GT2 24161 | 56.86 3.77 -16.06 N | 78.42 5.77 -12.12 N | 95.51 4.55 -41.22 N | 70.02 4.26 -17.30 N | 61.06 5.03 0.00 N | 62.02 5.45 0.00 N | 94.60 9.19 0.00 N | 105.06 11.36 0.00 N | 97.10 -4.91 -124.66 N | 94.51 8.05 -27.97 N | 115.63 7.50 -50.55 N | 124.93 9.35 -43.94 N | 112.18 10.46 -23.43 N | 120.17 9.30 -41.89 N | 104.07 11.40 -8.37 N | 97.96 9.93 -15.82 N | 79.67 8.96 -3.91 N | 90.35 9.72 -10.14 N | 134.59 8.60 -61.52 N | 182.03 6.61 -122.60 N | 90.59 8.96 -10.67 N | 86.64 8.73 -11.50 N | 72.26 7.24 -5.04 N | 64.08 6.07 -4.34 N | |
| NYPA_KENT____GT 24152 | 56.73 3.64 -16.06 N | 78.19 5.54 -12.12 N | 95.29 4.33 -41.22 N | 69.86 4.11 -17.30 N | 60.85 4.83 0.00 N | 61.76 5.20 0.00 N | 94.15 8.74 0.00 N | 104.66 10.97 0.00 N | 97.13 -4.88 -124.66 N | 94.30 7.83 -27.97 N | 115.40 7.28 -50.55 N | 124.72 9.14 -43.94 N | 111.87 10.15 -23.43 N | 119.93 9.06 -41.89 N | 103.75 11.08 -8.37 N | 97.62 9.59 -15.82 N | 79.38 8.67 -3.91 N | 90.00 9.38 -10.14 N | 134.30 8.31 -61.52 N | 182.00 6.57 -122.60 N | 90.41 8.78 -10.67 N | 86.47 8.56 -11.50 N | 72.07 7.04 -5.04 N | 63.91 5.90 -4.34 N | |
| NYPA_POUCH1____GT | 56.72 | 78.18 | 95.28 | 69.83 | 60.79 | 61.73 | 94.16 | 104.65 | 97.12 | 94.24 | 115.37 | 124.70 | 111.74 | 119.81 | 103.55 | 97.35 | 79.09 | 89.76 | 134.09 | 181.89 | 90.31 | 86.37 | 71.94 | 63.81 | |

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| 24155 | 3.63 -16.06 N | 5.53 -12.12 N | 4.32 -41.22 N | 4.08 -17.30 N | 4.77 0.00 N | 5.17 0.00 N | 8.75 0.00 N | 10.96 0.00 N | -4.89 -124.66 N | 7.77 -27.97 N | 7.25 -50.55 N | 9.12 -43.94 N | 10.02 -23.43 N | 8.94 -41.89 N | 10.88 -8.37 N | 9.33 -15.82 N | 8.37 -3.91 N | 9.14 -10.14 N | 8.10 -61.52 N | 6.46 -122.60 N | 8.69 -10.67 N | 8.46 -11.50 N | 6.91 -5.04 N | 5.81 -4.34 N |
| NYPA_VERNON____GT2 24162 | 56.68 3.59 -16.06 N | 78.16 5.50 -12.12 N | 95.23 4.27 -41.22 N | 69.83 4.08 -17.30 N | 60.80 4.78 0.00 N | 61.70 5.13 0.00 N | 94.01 8.60 0.00 N | 104.53 10.83 0.00 N | 97.10 -4.91 -124.66 N | 94.22 7.75 -27.97 N | 115.36 7.23 -50.55 N | 124.65 9.07 -43.94 N | 111.86 10.15 -23.43 N | 119.91 9.04 -41.89 N | 103.76 11.09 -8.37 N | 97.64 9.61 -15.82 N | 79.41 8.69 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.01 6.58 -122.60 N | 90.38 8.75 -10.67 N | 86.39 8.48 -11.50 N | 72.02 6.99 -5.04 N | 63.87 5.86 -4.34 N |
| NYPA_VERNON____GT3 24163 | 56.68 3.59 -16.06 N | 78.16 5.50 -12.12 N | 95.23 4.27 -41.22 N | 69.83 4.08 -17.30 N | 60.80 4.78 0.00 N | 61.70 5.13 0.00 N | 94.01 8.60 0.00 N | 104.53 10.83 0.00 N | 97.10 -4.91 -124.66 N | 94.22 7.75 -27.97 N | 115.36 7.23 -50.55 N | 124.65 9.07 -43.94 N | 111.86 10.15 -23.43 N | 119.91 9.04 -41.89 N | 103.76 11.09 -8.37 N | 97.64 9.61 -15.82 N | 79.41 8.69 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.01 6.58 -122.60 N | 90.38 8.75 -10.67 N | 86.39 8.48 -11.50 N | 72.02 6.99 -5.04 N | 63.87 5.86 -4.34 N |
| NYPA____ASTORIA_CC1 323568 | 56.67 3.58 -16.06 N | 78.12 5.47 -12.12 N | 95.21 4.25 -41.22 N | 69.79 4.04 -17.30 N | 60.79 4.77 0.00 N | 61.65 5.09 0.00 N | 93.94 8.53 0.00 N | 104.45 10.76 0.00 N | 97.16 -4.85 -124.66 N | 94.18 7.72 -27.97 N | 115.32 7.20 -50.55 N | 124.58 9.00 -43.94 N | 111.81 10.09 -23.43 N | 119.86 8.99 -41.89 N | 103.70 11.02 -8.37 N | 97.60 9.57 -15.82 N | 79.36 8.64 -3.91 N | 90.00 9.37 -10.14 N | 134.29 8.30 -61.52 N | 181.96 6.53 -122.60 N | 90.33 8.70 -10.67 N | 86.36 8.44 -11.50 N | 71.98 6.96 -5.04 N | 63.84 5.84 -4.34 N |
| NYPA____ASTORIA_CC2 323569 | 56.67 3.58 -16.06 N | 78.12 5.47 -12.12 N | 95.21 4.25 -41.22 N | 69.79 4.04 -17.30 N | 60.79 4.77 0.00 N | 61.65 5.09 0.00 N | 93.94 8.53 0.00 N | 104.45 10.76 0.00 N | 97.16 -4.85 -124.66 N | 94.18 7.72 -27.97 N | 115.32 7.20 -50.55 N | 124.58 9.00 -43.94 N | 111.81 10.09 -23.43 N | 119.86 8.99 -41.89 N | 103.70 11.02 -8.37 N | 97.60 9.57 -15.82 N | 79.36 8.64 -3.91 N | 90.00 9.37 -10.14 N | 134.29 8.30 -61.52 N | 181.96 6.53 -122.60 N | 90.33 8.70 -10.67 N | 86.36 8.44 -11.50 N | 71.98 6.96 -5.04 N | 63.84 5.84 -4.34 N |
| NYPA____HOLTSVILL 23794 | 57.27 4.17 -16.06 N | 79.12 6.47 -12.12 N | 96.17 5.21 -41.22 N | 70.66 4.91 -17.30 N | 61.82 5.80 0.00 N | 62.90 6.34 0.00 N | 96.07 10.66 0.00 N | 110.19 13.55 -2.95 N | 96.68 -5.34 -124.66 N | 95.59 9.12 -27.97 N | 116.38 8.24 -50.56 N | 125.15 9.57 -43.94 N | 112.75 11.03 -23.43 N | 120.07 9.20 -41.89 N | 104.33 11.65 -8.37 N | 98.69 10.67 -15.82 N | 80.52 9.81 -3.91 N | 91.27 10.64 -10.14 N | 135.80 9.80 -61.52 N | 183.18 7.74 -122.61 N | 91.05 9.42 -10.67 N | 86.79 8.88 -11.50 N | 72.23 7.20 -5.05 N | 64.14 6.14 -4.34 N |
| NYPA____HELLGATE_GT1 24158 | 56.86 3.77 -16.06 N | 78.42 5.77 -12.12 N | 95.51 4.55 -41.22 N | 70.02 4.26 -17.30 N | 61.06 5.03 0.00 N | 62.02 5.45 0.00 N | 94.60 9.19 0.00 N | 105.07 11.37 0.00 N | 97.10 -4.91 -124.66 N | 94.51 8.05 -27.97 N | 115.64 7.51 -50.55 N | 124.93 9.35 -43.94 N | 112.18 10.46 -23.43 N | 120.17 9.30 -41.89 N | 104.07 11.40 -8.37 N | 97.96 9.93 -15.82 N | 79.67 8.96 -3.91 N | 90.35 9.72 -10.14 N | 134.59 8.60 -61.52 N | 182.03 6.61 -122.60 N | 90.60 8.96 -10.67 N | 86.66 8.75 -11.50 N | 72.26 7.24 -5.04 N | 64.08 6.07 -4.34 N |
| NYPA____HELLGATE_GT2 24159 | 56.86 3.77 -16.06 N | 78.42 5.77 -12.12 N | 95.51 4.55 -41.22 N | 70.02 4.26 -17.30 N | 61.06 5.03 0.00 N | 62.02 5.45 0.00 N | 94.60 9.19 0.00 N | 105.07 11.37 0.00 N | 97.10 -4.91 -124.66 N | 94.51 8.05 -27.97 N | 115.64 7.51 -50.55 N | 124.93 9.35 -43.94 N | 112.18 10.46 -23.43 N | 120.17 9.30 -41.89 N | 104.07 11.40 -8.37 N | 97.96 9.93 -15.82 N | 79.67 8.96 -3.91 N | 90.35 9.72 -10.14 N | 134.59 8.60 -61.52 N | 182.03 6.61 -122.60 N | 90.60 8.96 -10.67 N | 86.66 8.75 -11.50 N | 72.26 7.24 -5.04 N | 64.08 6.07 -4.34 N |
| NYS_BARGE____HYD 23848 | 36.91 -2.51 -2.39 N | 58.01 -4.32 -1.80 N | 51.99 -3.88 -6.13 N | 47.18 -3.84 -2.57 N | 52.17 -3.84 0.00 N | 52.69 -3.87 0.00 N | 78.78 -6.63 0.00 N | 85.71 -7.98 0.00 N | 86.15 3.23 -105.57 N | 63.47 -4.61 -9.59 N | 60.55 -4.82 -7.81 N | 72.46 -6.00 -6.82 N | 75.41 -6.50 -3.62 N | 71.99 -6.05 -9.05 N | 77.77 -7.83 -1.29 N | 67.84 -6.81 -2.45 N | 61.10 -6.31 -0.60 N | 65.48 -6.57 -1.57 N | 68.19 -5.79 -9.50 N | 67.21 -4.56 -18.94 N | 67.53 -5.08 -1.65 N | 62.60 -5.61 -1.80 N | 55.97 -4.80 -0.79 N | 50.39 -3.96 -0.68 N |
| O.H_GEN_BRUCE 24063 | 39.00 -6.58 30.12 N | 38.00 -5.03 12.39 N | 23.00 -5.68 36.80 N | 39.00 -4.05 2.44 N | 35.00 -5.76 24.19 N | 41.95 -4.26 0.50 N | 101.00 -7.15 -29.16 N | 78.00 -12.23 0.31 N | 86.57 -8.61 -14.52 N | 130.95 125.34 -966.64 N | 59.13 -6.06 -7.62 N | 70.73 -7.57 -6.66 N | 73.61 -8.22 -3.53 N | 80.00 -8.22 -3.23 N | 79.90 -8.42 -7.17 N | 66.34 -8.26 -2.39 N | 59.77 -7.62 -0.59 N | 64.02 -7.99 -1.53 N | 66.61 -7.15 -9.28 N | 65.58 -5.74 -18.49 N | 81.70 -6.91 -13.45 N | 87.84 -8.49 -15.74 N | 68.18 -7.23 -1.02 N | 49.46 -4.87 -0.66 N |
| OAK ORCHARD____HYD 24046 | 37.66 -1.35 -1.97 N | 59.61 -2.40 -1.49 N | 52.60 -2.20 -5.06 N | 48.38 -2.19 -2.12 N | 53.93 -2.09 0.00 N | 54.53 -2.03 0.00 N | 82.21 -3.20 0.00 N | 90.03 -3.66 0.00 N | 83.29 1.33 -104.61 N | 65.59 -1.88 -8.98 N | 61.96 -2.04 -6.42 N | 74.68 -2.59 -5.62 N | 78.35 -2.91 -2.97 N | 74.19 -2.77 -7.97 N | 81.61 -3.75 -1.06 N | 70.94 -3.28 -2.01 N | 64.27 -3.03 -0.50 N | 68.50 -3.28 -1.29 N | 69.42 -2.88 -7.82 N | 66.24 -2.17 -15.58 N | 70.12 -2.20 -1.36 N | 65.22 -2.69 -1.49 N | 58.24 -2.40 -0.66 N | 52.14 -2.09 -0.56 N |
| OCC_CHEM____DRP 24175 | 36.58 -2.90 -2.45 N | 57.44 -4.94 -1.85 N | 51.66 -4.36 -6.27 N | 46.77 -4.31 -2.63 N | 51.63 -4.40 0.00 N | 52.06 -4.50 0.00 N | 77.48 -7.93 0.00 N | 83.96 -9.73 0.00 N | 86.77 3.69 -105.73 N | 62.54 -5.64 -9.68 N | 59.63 -5.94 -8.00 N | 71.20 -7.42 -6.98 N | 74.01 -7.99 -3.70 N | 70.86 -7.32 -9.20 N | 76.29 -9.34 -1.32 N | 66.67 -8.05 -2.51 N | 60.00 -7.42 -0.62 N | 64.32 -7.77 -1.60 N | 67.28 -6.93 -9.73 N | 66.66 -5.56 -19.39 N | 66.28 -6.37 -1.69 N | 61.48 -6.77 -1.84 N | 55.05 -5.74 -0.81 N | 49.70 -4.66 -0.69 N |
| OLIN_CORP_DRP 24177 | 36.74 -2.78 -2.48 N | 57.66 -4.75 -1.87 N | 51.90 -4.22 -6.37 N | 46.95 -4.17 -2.67 N | 51.77 -4.25 0.00 N | 52.23 -4.32 0.00 N | 77.91 -7.50 0.00 N | 84.67 -9.03 0.00 N | 86.68 3.54 -105.78 N | 62.99 -5.24 -9.73 N | 60.23 -5.46 -8.12 N | 71.90 -6.83 -7.09 N | 74.68 -7.37 -3.76 N | 71.46 -6.82 -9.29 N | 76.89 -8.76 -1.34 N | 67.19 -7.56 -2.54 N | 60.46 -6.97 -0.63 N | 64.83 -7.29 -1.63 N | 67.91 -6.45 -9.88 N | 67.38 -5.14 -19.69 N | 66.82 -5.85 -1.71 N | 61.97 -6.31 -1.87 N | 55.43 -5.37 -0.82 N | 49.98 -4.39 -0.70 N |
| ONONDAGA_REF_OCCRA 23987 | 39.77 0.68 -2.05 N | 63.02 0.94 -1.55 N | 55.70 0.68 -5.27 N | 51.25 0.59 -2.21 N | 56.97 0.95 0.00 N | 57.61 1.05 0.00 N | 87.42 2.01 0.00 N | 96.50 2.80 0.00 N | 78.45 -1.10 -102.20 N | 69.48 2.02 -8.97 N | 66.31 1.97 -6.77 N | 79.95 2.39 -5.92 N | 83.71 2.28 -3.14 N | 79.12 1.97 -8.17 N | 87.60 2.17 -1.12 N | 76.07 1.74 -2.12 N | 68.88 1.56 -0.52 N | 73.38 1.53 -1.36 N | 74.29 1.57 -8.24 N | 70.75 1.50 -16.42 N | 74.51 2.12 -1.43 N | 69.59 1.61 -1.57 N | 61.94 1.27 -0.69 N | 55.17 0.91 -0.59 N |

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| ONONDAGA___COGEN 23986 | 39.60 0.53 -2.03 N | 62.79 0.72 -1.54 N | 55.50 0.53 -5.22 N | 51.09 0.45 -2.19 N | 56.77 0.75 0.00 N | 57.37 0.81 0.00 N | 86.92 1.52 0.00 N | 95.76 2.07 0.00 N | 77.31 -0.89 -100.85 N | 68.83 1.49 -8.85 N | 65.65 1.41 -6.67 N | 79.14 1.67 -5.83 N | 82.97 1.59 -3.09 N | 78.39 1.36 -8.05 N | 86.74 1.34 -1.10 N | 75.32 1.02 -2.09 N | 68.29 0.97 -0.52 N | 72.72 0.90 -1.34 N | 73.56 0.96 -8.13 N | 70.02 0.99 -16.20 N | 73.84 1.47 -1.41 N | 69.01 1.05 -1.54 N | 61.52 0.86 -0.68 N | 54.88 0.63 -0.58 N |
| ONTARIO___LFGE 23819 | 39.01 -0.42 -2.39 N | 61.34 -1.00 -1.81 N | 54.84 -1.05 -6.15 N | 49.91 -1.12 -2.58 N | 55.44 -0.59 0.00 N | 56.19 -0.37 0.00 N | 85.30 -0.12 0.00 N | 94.34 0.64 0.00 N | 81.70 -0.11 -104.46 N | 68.51 0.47 -9.55 N | 65.82 0.39 -7.85 N | 79.01 0.51 -6.85 N | 82.36 0.43 -3.64 N | 78.29 0.26 -9.05 N | 85.33 -0.27 -1.30 N | 74.07 -0.60 -2.46 N | 66.83 -0.58 -0.61 N | 71.51 -0.55 -1.58 N | 73.79 -0.25 -9.56 N | 72.04 0.16 -19.05 N | 73.11 0.50 -1.66 N | 68.01 -0.21 -1.81 N | 60.32 -0.45 -0.79 N | 53.58 -0.77 -0.68 N |
| OSWEGATCHIE___HYD 24044 | 34.56 -2.48 0.00 N | 56.48 -4.05 0.00 N | 46.47 -3.28 0.00 N | 45.35 -3.10 0.00 N | 52.45 -3.57 0.00 N | 53.08 -3.48 0.00 N | 80.74 -4.67 0.00 N | 88.46 -5.24 0.00 N | 45.59 1.06 -67.18 N | 59.43 -3.17 -4.11 N | 54.64 -2.93 0.00 N | 68.59 -3.42 -0.36 N | 74.39 -3.90 0.00 N | 67.41 -3.58 -2.01 N | 80.01 -4.29 0.00 N | 68.57 -3.68 -0.03 N | 63.43 -3.37 0.00 N | 66.92 -3.57 0.00 N | 61.36 -3.12 0.00 N | 50.29 -2.53 0.00 N | 67.61 -3.35 0.00 N | 63.27 -3.40 -0.25 N | 56.85 -3.24 -0.11 N | 50.80 -2.97 -0.10 N |
| OSWEGO___5 23606 | 38.31 -0.17 -1.44 N | 61.26 -0.36 -1.09 N | 53.09 -0.36 -3.71 N | 49.62 -0.39 -1.56 N | 55.65 -0.37 0.00 N | 56.17 -0.39 0.00 N | 84.69 -0.72 0.00 N | 93.07 -0.62 0.00 N | 68.78 -0.12 -91.54 N | 65.85 -0.13 -7.48 N | 62.10 -0.17 -4.69 N | 75.47 -0.29 -4.12 N | 79.98 -0.48 -2.17 N | 74.83 -0.43 -6.28 N | 84.26 -0.81 -0.78 N | 72.98 -0.70 -1.47 N | 66.57 -0.60 -0.36 N | 70.64 -0.79 -0.94 N | 69.53 -0.65 -5.71 N | 63.77 -0.44 -11.38 N | 71.50 -0.45 -0.99 N | 66.92 -0.59 -1.10 N | 60.00 -0.46 -0.48 N | 53.66 -0.42 -0.42 N |
| OSWEGO___6 23613 | 38.31 -0.17 -1.44 N | 61.26 -0.36 -1.09 N | 53.09 -0.36 -3.71 N | 49.62 -0.39 -1.56 N | 55.65 -0.37 0.00 N | 56.17 -0.39 0.00 N | 84.69 -0.72 0.00 N | 93.07 -0.62 0.00 N | 68.78 -0.12 -91.54 N | 65.85 -0.13 -7.48 N | 62.10 -0.17 -4.69 N | 75.47 -0.29 -4.12 N | 79.98 -0.48 -2.17 N | 74.83 -0.43 -6.28 N | 84.26 -0.81 -0.78 N | 72.98 -0.70 -1.47 N | 66.57 -0.60 -0.36 N | 70.64 -0.79 -0.94 N | 69.53 -0.65 -5.71 N | 63.77 -0.44 -11.38 N | 71.50 -0.45 -0.99 N | 66.92 -0.59 -1.10 N | 60.00 -0.46 -0.48 N | 53.66 -0.42 -0.42 N |
| OUTOKUMPU-AB___DRP 24206 | 37.30 -2.24 -2.50 N | 58.58 -3.84 -1.89 N | 52.68 -3.48 -6.42 N | 47.67 -3.48 -2.69 N | 52.62 -3.41 0.00 N | 53.18 -3.38 0.00 N | 79.64 -5.77 0.00 N | 86.71 -6.99 0.00 N | 86.22 3.06 -105.81 N | 64.20 -4.05 -9.76 N | 61.51 -4.24 -8.18 N | 73.52 -5.26 -7.14 N | 76.43 -5.65 -3.79 N | 73.04 -5.28 -9.34 N | 78.72 -6.94 -1.35 N | 68.67 -6.10 -2.56 N | 61.80 -5.64 -0.63 N | 66.30 -5.83 -1.64 N | 69.31 -5.12 -9.95 N | 68.67 -3.98 -19.83 N | 68.34 -4.34 -1.73 N | 63.32 -4.97 -1.88 N | 56.55 -4.26 -0.82 N | 50.87 -3.51 -0.71 N |
| OXBOW___ 24026 | 37.04 -2.48 -2.47 N | 58.15 -4.25 -1.87 N | 52.29 -3.80 -6.35 N | 47.33 -3.78 -2.66 N | 52.24 -3.78 0.00 N | 52.75 -3.81 0.00 N | 78.79 -6.61 0.00 N | 85.63 -8.06 0.00 N | 86.45 3.33 -105.77 N | 63.57 -4.65 -9.72 N | 60.76 -4.90 -8.09 N | 72.62 -6.09 -7.06 N | 75.48 -6.55 -3.75 N | 72.19 -6.06 -9.27 N | 77.78 -7.86 -1.34 N | 67.90 -6.84 -2.53 N | 61.12 -6.31 -0.63 N | 65.54 -6.57 -1.62 N | 68.52 -5.80 -9.84 N | 67.86 -4.59 -19.62 N | 67.54 -5.12 -1.71 N | 62.64 -5.63 -1.86 N | 55.99 -4.81 -0.82 N | 50.43 -3.94 -0.70 N |
| PEEKSKILL___ 23653 | 56.21 3.17 -16.01 N | 77.51 4.89 -12.08 N | 94.68 3.84 -41.09 N | 69.34 3.64 -17.25 N | 60.31 4.29 0.00 N | 61.18 4.62 0.00 N | 93.12 7.71 0.00 N | 103.38 9.68 0.00 N | 97.57 -4.44 -124.65 N | 93.26 6.84 -27.93 N | 114.39 6.38 -50.44 N | 123.47 7.99 -43.85 N | 110.60 8.94 -23.37 N | 118.75 7.97 -41.80 N | 102.42 9.77 -8.35 N | 96.43 8.43 -15.78 N | 78.24 7.54 -3.90 N | 88.78 8.18 -10.11 N | 133.16 7.30 -61.38 N | 181.09 5.94 -122.33 N | 89.46 7.86 -10.65 N | 85.47 7.57 -11.48 N | 71.21 6.19 -5.04 N | 63.18 5.18 -4.33 N |
| PGE MADISON___WINDPWR 24146 | 43.17 1.22 -4.92 N | 65.80 1.56 -3.71 N | 63.35 0.99 -12.62 N | 54.52 0.77 -5.30 N | 57.98 1.96 0.00 N | 58.96 2.40 0.00 N | 90.97 5.56 0.00 N | 101.32 7.62 0.00 N | 87.06 -2.33 -112.04 N | 76.68 4.70 -13.48 N | 79.03 4.98 -16.48 N | 92.01 6.08 -14.29 N | 92.66 6.73 -7.63 N | 90.72 5.94 -15.79 N | 93.77 6.74 -2.73 N | 82.59 5.23 -5.15 N | 72.54 4.47 -1.27 N | 78.42 4.64 -3.29 N | 89.24 4.78 -19.98 N | 96.93 4.28 -39.82 N | 80.51 6.09 -3.47 N | 74.55 4.42 -3.71 N | 64.61 3.01 -1.63 N | 56.60 1.54 -1.40 N |
| PIERCEFIELD___HYD 23852 | 34.22 -2.82 0.00 N | 55.99 -4.54 0.00 N | 46.15 -3.60 0.00 N | 45.10 -3.35 0.00 N | 52.05 -3.97 0.00 N | 52.51 -4.05 0.00 N | 79.70 -5.71 0.00 N | 86.75 -6.95 0.00 N | 24.39 1.36 -45.68 N | 57.12 -4.16 -2.79 N | 53.79 -3.78 0.00 N | 67.43 -4.21 0.00 N | 73.58 -4.71 0.00 N | 65.96 -4.39 -1.37 N | 79.21 -5.09 0.00 N | 67.90 -4.31 0.00 N | 62.92 -3.88 0.00 N | 66.43 -4.06 0.00 N | 60.93 -3.54 0.00 N | 49.86 -2.97 0.00 N | 66.96 -4.00 0.00 N | 62.40 -4.01 0.00 N | 56.36 -3.62 0.00 N | 50.53 -3.14 0.00 N |
| PINELAWN_CC_1 323563 | 57.33 4.24 -16.06 N | 79.16 6.51 -12.12 N | 96.14 5.17 -41.22 N | 70.65 4.90 -17.30 N | 61.53 5.51 0.00 N | 62.36 5.80 0.00 N | 94.97 9.56 0.00 N | 108.69 12.04 -2.95 N | 96.99 -5.01 -124.66 N | 94.73 8.27 0.00 N | 115.64 7.51 -50.56 N | 124.39 8.81 -43.94 N | 111.87 10.15 -23.43 N | 119.38 8.51 -41.89 N | 103.63 10.96 -8.37 N | 97.87 9.84 -15.82 N | 79.75 9.04 -3.91 N | 90.42 9.79 -10.14 N | 134.98 8.98 -61.52 N | 182.47 7.03 -122.61 N | 90.23 8.60 -10.67 N | 86.07 8.15 -11.50 N | 71.79 6.76 -5.05 N | 63.87 5.87 -4.34 N |
| PJM_GEN_KEystone 24065 | 15.00 3.63 64.34 N | 20.20 2.01 37.23 N | 22.00 2.39 45.87 N | 22.50 1.50 24.50 N | 23.16 2.28 44.07 N | 40.00 1.58 8.29 N | 111.90 3.74 -29.16 N | 100.00 6.34 -3.12 N | 100.00 4.82 -1120.48 N | 97.50 -61.95 -36.94 N | 93.43 -1.08 -32.10 N | 102.85 -0.90 -43.94 N | 94.65 -0.75 -17.11 N | 105.12 5.70 -14.43 N | 110.00 5.34 -23.51 N | 85.21 4.64 -3.17 N | 67.62 -2.04 -2.86 N | 76.45 -1.44 -7.40 N | 108.82 -0.61 -44.95 N | 142.72 0.31 -89.58 N | 101.84 5.94 -20.74 N | 109.43 5.20 -23.64 N | 90.45 3.30 -12.76 N | 54.71 -2.13 -3.17 N |
| PJM_GEN_NEPTUNE_PROXY 323594 | 102.95 7.87 -19.38 N | 86.56 5.25 -25.89 N | 95.49 4.52 -41.22 N | 69.99 4.24 1.30 N | 61.00 4.97 0.00 N | 62.05 5.49 0.00 N | 116.80 8.64 -29.16 N | 110.34 12.02 -7.79 N | 108.91 9.76 -18.50 N | 87.90 -136.93 -1185.85 N | 115.44 7.31 -50.56 N | 124.25 8.67 -43.94 N | 111.65 9.93 -23.43 N | 114.99 10.36 -19.65 N | 112.26 10.16 -20.95 N | 97.63 9.60 -15.82 N | 79.48 8.77 -3.91 N | 90.16 9.53 -10.14 N | 134.71 8.71 -61.52 N | 182.26 6.82 -122.61 N | 108.81 9.52 -24.12 N | 117.78 9.87 -27.31 N | 83.62 8.21 -1.02 N | 63.63 5.63 -4.34 N |
| PLEASANTVLY___LBMP 24000 | 56.44 2.86 -16.54 N | 77.50 4.48 -12.49 N | 95.74 3.54 -42.45 N | 69.64 3.37 -17.82 N | 59.98 3.96 0.00 N | 60.80 4.23 0.00 N | 92.27 6.86 0.00 N | 102.28 8.59 0.00 N | 98.03 -4.03 -124.71 N | 92.85 6.06 -28.29 N | 114.59 5.66 -51.34 N | 123.41 7.13 -44.64 N | 110.05 7.97 -23.79 N | 118.58 7.11 -42.49 N | 101.55 8.74 -8.50 N | 95.82 7.55 -16.07 N | 77.51 6.73 -3.97 N | 88.10 7.32 -10.30 N | 133.43 6.46 -62.48 N | 182.59 5.24 -124.52 N | 88.70 6.91 -10.84 N | 84.85 6.75 -11.69 N | 70.64 5.53 -5.13 N | 62.75 4.68 -4.41 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 | 56.57 3.48 -16.06 N | 78.01 5.36 -12.12 N | 95.12 4.16 -41.21 N | 69.70 3.95 -17.30 N | 60.67 4.65 0.00 N | 61.58 5.02 0.00 N | 93.86 8.45 0.00 N | 104.40 10.70 0.00 N | 97.26 -4.75 -124.66 N | 94.07 7.61 -27.97 N | 115.28 7.15 -50.55 N | 124.55 8.97 -43.93 N | 111.74 10.02 -23.42 N | 119.79 8.92 -41.89 N | 103.59 10.91 -8.37 N | 97.42 9.39 -15.82 N | 79.20 8.49 -3.91 N | 89.84 9.21 -10.14 N | 134.20 8.21 -61.52 N | 182.02 6.60 -122.60 N | 90.26 8.63 -10.67 N | 86.21 8.29 -11.50 N | 71.79 6.76 -5.04 N | 63.64 5.64 -4.34 N | |
| PORT_JEFF_3 23555 | 57.42 4.33 -16.06 N | 79.41 6.76 -12.12 N | 96.42 5.45 -41.22 N | 70.90 5.14 -17.30 N | 62.09 6.07 0.00 N | 63.15 6.59 0.00 N | 96.55 11.14 0.00 N | 110.77 14.12 -2.95 N | 96.45 -5.56 -124.66 N | 95.94 9.48 -27.97 N | 116.75 8.62 -50.56 N | 125.58 10.00 -43.94 N | 113.20 11.48 -23.43 N | 120.48 9.61 -41.89 N | 104.82 12.14 -8.37 N | 99.07 11.04 -15.82 N | 80.88 10.17 -3.91 N | 91.66 11.03 -10.14 N | 136.18 10.18 -61.52 N | 183.53 8.09 -122.61 N | 91.51 9.89 -10.67 N | 87.18 9.27 -11.50 N | 72.54 7.51 -5.05 N | 64.39 6.38 -4.34 N | |
| PORT_JEFF_4 23616 | 57.42 4.33 -16.06 N | 79.41 6.76 -12.12 N | 96.42 5.45 -41.22 N | 70.90 5.14 -17.30 N | 62.09 6.07 0.00 N | 63.15 6.59 0.00 N | 96.55 11.14 0.00 N | 110.77 14.12 -2.95 N | 96.45 -5.56 -124.66 N | 95.94 9.48 -27.97 N | 116.75 8.62 -50.56 N | 125.58 10.00 -43.94 N | 113.20 11.48 -23.43 N | 120.48 9.61 -41.89 N | 104.82 12.14 -8.37 N | 99.07 11.04 -15.82 N | 80.88 10.17 -3.91 N | 91.66 11.03 -10.14 N | 136.18 10.18 -61.52 N | 183.53 8.09 -122.61 N | 91.51 9.89 -10.67 N | 87.18 9.27 -11.50 N | 72.54 7.51 -5.05 N | 64.39 6.38 -4.34 N | |
| PORT_JEFF_IC 23713 | 57.50 4.40 -16.06 N | 79.49 6.84 -12.12 N | 96.47 5.50 -41.22 N | 70.94 5.19 -17.30 N | 62.15 6.13 0.00 N | 63.19 6.63 0.00 N | 96.64 11.23 0.00 N | 110.93 14.28 -2.95 N | 96.40 -5.61 -124.66 N | 96.06 9.59 -27.97 N | 116.85 8.72 -50.56 N | 125.72 10.14 -43.94 N | 113.36 11.64 -23.43 N | 120.62 9.74 -41.89 N | 104.99 12.31 -8.37 N | 99.22 11.19 -15.82 N | 81.02 10.31 -3.91 N | 91.81 11.19 -10.14 N | 136.34 10.33 -61.52 N | 183.64 8.21 -122.61 N | 91.67 10.04 -10.67 N | 87.32 9.41 -11.50 N | 72.65 7.62 -5.05 N | 64.49 6.49 -4.34 N | |
| PPL PILGRIM_ST_GT1 24216 | 57.47 4.38 -16.06 N | 79.39 6.74 -12.12 N | 96.36 5.40 -41.22 N | 70.84 5.09 -17.30 N | 62.00 5.98 0.00 N | 63.11 6.55 0.00 N | 96.36 10.95 0.00 N | 110.56 13.91 -2.95 N | 96.61 -5.40 -124.66 N | 95.63 9.16 -27.97 N | 116.61 8.48 -50.56 N | 125.69 10.11 -43.94 N | 113.33 11.61 -23.43 N | 120.53 9.65 -41.89 N | 104.48 11.81 -8.37 N | 98.93 10.90 -15.82 N | 80.73 10.02 -3.91 N | 91.41 10.78 -10.14 N | 135.92 9.92 -61.52 N | 183.17 7.73 -122.61 N | 90.99 9.36 -10.67 N | 87.11 9.20 -11.50 N | 72.58 7.55 -5.05 N | 64.56 6.56 -4.34 N | |
| PPL PILGRIM_ST_GT2 24217 | 57.47 4.38 -16.06 N | 79.39 6.74 -12.12 N | 96.36 5.40 -41.22 N | 70.84 5.09 -17.30 N | 62.00 5.98 0.00 N | 63.11 6.55 0.00 N | 96.36 10.95 0.00 N | 110.56 13.91 -2.95 N | 96.61 -5.40 -124.66 N | 95.63 9.16 -27.97 N | 116.61 8.48 -50.56 N | 125.69 10.11 -43.94 N | 113.33 11.61 -23.43 N | 120.53 9.65 -41.89 N | 104.48 11.81 -8.37 N | 98.93 10.90 -15.82 N | 80.73 10.02 -3.91 N | 91.41 10.78 -10.14 N | 135.92 9.92 -61.52 N | 183.17 7.73 -122.61 N | 90.99 9.36 -10.67 N | 87.11 9.20 -11.50 N | 72.58 7.55 -5.05 N | 64.56 6.56 -4.34 N | |
| PPL_SHRM_GT3 24213 | 57.31 4.22 -16.06 N | 79.44 6.79 -12.12 N | 96.53 5.56 -41.22 N | 71.01 5.25 -17.30 N | 62.21 6.19 0.00 N | 63.15 6.59 0.00 N | 96.61 11.20 0.00 N | 110.62 13.97 -2.95 N | 96.54 -5.46 -124.66 N | 95.72 9.25 -27.97 N | 116.52 8.39 -50.56 N | 125.10 9.52 -43.94 N | 112.65 10.93 -23.43 N | 119.99 9.11 -41.89 N | 104.20 11.53 -8.37 N | 98.56 10.53 -15.82 N | 80.40 9.69 -3.91 N | 91.16 10.54 -10.14 N | 135.74 9.74 -61.52 N | 183.19 7.76 -122.61 N | 91.09 9.47 -10.67 N | 86.74 8.83 -11.50 N | 72.11 7.08 -5.05 N | 63.95 5.94 -4.34 N | |
| PPL_SHRM_GT4 24214 | 57.31 4.22 -16.06 N | 79.44 6.79 -12.12 N | 96.53 5.56 -41.22 N | 71.01 5.25 -17.30 N | 62.21 6.19 0.00 N | 63.15 6.59 0.00 N | 96.61 11.20 0.00 N | 110.62 13.97 -2.95 N | 96.54 -5.46 -124.66 N | 95.72 9.25 -27.97 N | 116.52 8.39 -50.56 N | 125.10 9.52 -43.94 N | 112.65 10.93 -23.43 N | 119.99 9.11 -41.89 N | 104.20 11.53 -8.37 N | 98.56 10.53 -15.82 N | 80.40 9.69 -3.91 N | 91.16 10.54 -10.14 N | 135.74 9.74 -61.52 N | 183.19 7.76 -122.61 N | 91.09 9.47 -10.67 N | 86.74 8.83 -11.50 N | 72.11 7.08 -5.05 N | 63.95 5.94 -4.34 N | |
| PROJECT___ORANGE 1 24174 | 39.60 0.63 -1.93 N | 62.90 0.91 -1.46 N | 55.34 0.64 -4.95 N | 51.09 0.56 -2.08 N | 56.88 0.85 0.00 N | 57.51 0.95 0.00 N | 87.20 1.79 0.00 N | 96.18 2.49 0.00 N | 78.80 -0.95 -102.40 N | 69.13 1.82 -8.82 N | 65.69 1.76 -6.36 N | 79.32 2.12 -5.56 N | 83.27 2.03 -2.95 N | 78.61 1.77 -7.86 N | 87.27 1.91 -1.05 N | 75.73 1.53 -1.99 N | 68.69 1.40 -0.49 N | 73.12 1.36 -1.28 N | 73.60 1.38 -7.74 N | 69.57 1.32 -15.42 N | 74.19 1.89 -1.34 N | 69.27 1.39 -1.47 N | 61.75 1.13 -0.65 N | 55.05 0.82 -0.55 N | |
| PROJECT___ORANGE 2 24166 | 39.60 0.63 -1.93 N | 62.90 0.91 -1.46 N | 55.34 0.64 -4.95 N | 51.09 0.56 -2.08 N | 56.88 0.85 0.00 N | 57.51 0.95 0.00 N | 87.20 1.79 0.00 N | 96.18 2.49 0.00 N | 78.80 -0.95 -102.40 N | 69.13 1.82 -8.82 N | 65.69 1.76 -6.36 N | 79.32 2.12 -5.56 N | 83.27 2.03 -2.95 N | 78.61 1.77 -7.86 N | 87.27 1.91 -1.05 N | 75.73 1.53 -1.99 N | 68.69 1.40 -0.49 N | 73.12 1.36 -1.28 N | 73.60 1.38 -7.74 N | 69.57 1.32 -15.42 N | 74.19 1.89 -1.34 N | 69.27 1.39 -1.47 N | 61.75 1.13 -0.65 N | 55.05 0.82 -0.55 N | |
| PYRITES___HYD 24023 | 34.48 -2.56 0.00 N | 56.40 -4.13 0.00 N | 46.48 -3.26 0.00 N | 45.44 -3.01 0.00 N | 52.40 -3.62 0.00 N | 52.90 -3.67 0.00 N | 80.36 -5.05 0.00 N | 87.57 -6.13 0.00 N | 23.02 1.19 -44.47 N | 57.59 -3.62 -2.72 N | 54.37 -3.21 0.00 N | 68.11 -3.53 0.00 N | 74.37 -3.92 0.00 N | 66.63 -3.68 -1.33 N | 80.18 -4.12 0.00 N | 68.69 -3.51 0.00 N | 63.59 -3.21 0.00 N | 67.16 -3.32 0.00 N | 61.61 -2.86 0.00 N | 50.43 -2.39 0.00 N | 67.72 -3.24 0.00 N | 63.09 -3.32 0.00 N | 56.97 -3.01 0.00 N | 51.02 -2.65 0.00 N | |
| RAMAPO___LBMP 323565 | 55.57 3.19 -15.35 N | 77.03 4.91 -11.58 N | 92.96 3.83 -39.39 N | 68.61 3.62 -16.53 N | 60.27 4.24 0.00 N | 61.12 4.56 0.00 N | 93.03 7.62 0.00 N | 103.13 9.44 0.00 N | 97.41 -4.53 -124.58 N | 92.68 6.73 -27.46 N | 113.04 6.17 -49.29 N | 122.22 7.73 -42.85 N | 109.76 8.63 -22.84 N | 117.65 7.75 -40.92 N | 101.98 9.51 -8.16 N | 95.78 8.15 -15.42 N | 77.79 7.18 -3.81 N | 88.12 7.75 -9.88 N | 131.42 6.96 -59.99 N | 178.11 5.74 -119.54 N | 89.00 7.63 -10.41 N | 84.92 7.29 -11.22 N | 70.82 5.92 -4.92 N | 62.89 4.99 -4.23 N | |
| RANKINE____ 23646 | 37.39 -2.33 -2.68 N | 58.53 -4.03 -2.03 N | 52.99 -3.65 -6.89 N | 47.69 -3.66 -2.89 N | 52.34 -3.68 0.00 N | 52.95 -3.61 0.00 N | 79.56 -5.85 0.00 N | 87.00 -6.69 0.00 N | 86.42 2.89 -106.17 N | 64.49 -4.03 -10.02 N | 62.15 -4.21 -8.79 N | 74.13 -5.17 -7.66 N | 76.82 -5.54 -4.07 N | 73.65 -5.14 -9.81 N | 78.93 -6.83 -1.45 N | 68.88 -6.08 -2.75 N | 61.89 -5.59 -0.68 N | 66.53 -5.71 -1.76 N | 70.21 -4.96 -10.69 N | 70.35 -3.79 -21.31 N | 68.54 -4.28 -1.86 N | 63.55 -4.87 -2.02 N | 56.61 -4.26 -0.88 N | 50.74 -3.68 -0.76 N | |
| RAVENSWOOD_GT2_1 | 56.58 | 78.01 | 95.12 | 69.70 | 60.67 | 61.58 | 93.83 | 104.33 | 97.31 | 94.04 | 115.23 | 124.48 | 111.65 | 119.72 | 103.51 | 97.36 | 79.13 | 89.77 | 134.14 | 181.96 | 90.21 | 86.16 | 71.79 | 63.68 | |

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| 24244 | 3.48 -16.06 N | 5.36 -12.12 N | 4.16 -41.22 N | 3.95 -17.30 N | 4.65 0.00 N | 5.02 0.00 N | 8.42 0.00 N | 10.63 0.00 N | -4.71 -124.66 N | 7.58 -27.97 N | 7.10 -50.55 N | 8.90 -43.94 N | 9.94 -23.43 N | 8.85 -41.89 N | 10.83 -8.37 N | 9.33 -15.82 N | 8.42 -3.91 N | 9.15 -10.14 N | 8.14 -61.52 N | 6.54 -122.60 N | 8.58 -10.67 N | 8.25 -11.50 N | 6.76 -5.04 N | 5.67 -4.34 N |
| RAVENSWOOD_GT2_2 24245 | 56.58 3.48 -16.06 N | 78.01 5.36 -12.12 N | 95.12 4.16 -41.22 N | 69.70 3.95 -17.30 N | 60.67 4.65 0.00 N | 61.58 5.02 0.00 N | 93.83 8.42 0.00 N | 104.33 10.63 0.00 N | 97.31 -4.71 -124.66 N | 94.04 7.58 -27.97 N | 115.23 7.10 -50.55 N | 124.48 8.90 -43.94 N | 111.65 9.94 -23.43 N | 119.72 8.85 -41.89 N | 103.51 10.83 -8.37 N | 97.36 9.33 -15.82 N | 79.13 8.42 -3.91 N | 89.77 9.15 -10.14 N | 134.14 8.14 -61.52 N | 181.96 6.54 -122.60 N | 90.21 8.58 -10.67 N | 86.16 8.25 -11.50 N | 71.79 6.76 -5.04 N | 63.68 5.67 -4.34 N |
| RAVENSWOOD_GT2_3 24246 | 56.60 3.51 -16.06 N | 78.03 5.38 -12.12 N | 95.16 4.20 -41.22 N | 69.74 3.99 -17.30 N | 60.72 4.70 0.00 N | 61.63 5.07 0.00 N | 93.91 8.50 0.00 N | 104.43 10.73 0.00 N | 97.18 -4.83 -124.66 N | 94.10 7.64 -27.97 N | 115.29 7.16 -50.55 N | 124.55 8.97 -43.94 N | 111.75 10.03 -23.43 N | 119.79 8.92 -41.89 N | 103.60 10.92 -8.37 N | 97.45 9.42 -15.82 N | 79.22 8.50 -3.91 N | 89.84 9.22 -10.14 N | 134.20 8.21 -61.52 N | 182.03 6.60 -122.60 N | 90.28 8.65 -10.67 N | 86.24 8.33 -11.50 N | 71.85 6.82 -5.04 N | 63.73 5.73 -4.34 N |
| RAVENSWOOD_GT2_4 24247 | 56.60 3.51 -16.06 N | 78.03 5.38 -12.12 N | 95.16 4.20 -41.22 N | 69.74 3.99 -17.30 N | 60.72 4.70 0.00 N | 61.63 5.07 0.00 N | 93.91 8.50 0.00 N | 104.43 10.73 0.00 N | 97.18 -4.83 -124.66 N | 94.10 7.64 -27.97 N | 115.29 7.16 -50.55 N | 124.55 8.97 -43.94 N | 111.75 10.03 -23.43 N | 119.79 8.92 -41.89 N | 103.60 10.92 -8.37 N | 97.45 9.42 -15.82 N | 79.22 8.50 -3.91 N | 89.84 9.22 -10.14 N | 134.20 8.21 -61.52 N | 182.03 6.60 -122.60 N | 90.28 8.65 -10.67 N | 86.24 8.33 -11.50 N | 71.85 6.82 -5.04 N | 63.73 5.73 -4.34 N |
| RAVENSWOOD_GT3_1 24248 | 56.58 3.48 -16.06 N | 78.01 5.36 -12.12 N | 95.12 4.16 -41.22 N | 69.70 3.95 -17.30 N | 60.67 4.65 0.00 N | 61.58 5.02 0.00 N | 93.83 8.42 0.00 N | 104.33 10.63 0.00 N | 97.31 -4.71 -124.66 N | 94.04 7.58 -27.97 N | 115.23 7.10 -50.55 N | 124.48 8.90 -43.94 N | 111.65 9.94 -23.43 N | 119.71 8.84 -41.89 N | 103.51 10.83 -8.37 N | 97.36 9.33 -15.82 N | 79.13 8.42 -3.91 N | 89.77 9.15 -10.14 N | 134.13 8.14 -61.52 N | 181.96 6.54 -122.60 N | 90.21 8.58 -10.67 N | 86.16 8.25 -11.50 N | 71.79 6.76 -5.04 N | 63.68 5.67 -4.34 N |
| RAVENSWOOD_GT3_2 24249 | 56.58 3.48 -16.06 N | 78.01 5.36 -12.12 N | 95.12 4.16 -41.22 N | 69.70 3.95 -17.30 N | 60.67 4.65 0.00 N | 61.58 5.02 0.00 N | 93.83 8.42 0.00 N | 104.33 10.63 0.00 N | 97.31 -4.71 -124.66 N | 94.04 7.58 -27.97 N | 115.23 7.10 -50.55 N | 124.48 8.90 -43.94 N | 111.65 9.94 -23.43 N | 119.71 8.84 -41.89 N | 103.51 10.83 -8.37 N | 97.36 9.33 -15.82 N | 79.13 8.42 -3.91 N | 89.77 9.15 -10.14 N | 134.13 8.14 -61.52 N | 181.96 6.54 -122.60 N | 90.21 8.58 -10.67 N | 86.16 8.25 -11.50 N | 71.79 6.76 -5.04 N | 63.68 5.67 -4.34 N |
| RAVENSWOOD_GT3_3 24250 | 56.62 3.52 -16.06 N | 78.08 5.42 -12.12 N | 95.18 4.22 -41.22 N | 69.76 4.00 -17.30 N | 60.73 4.71 0.00 N | 61.65 5.09 0.00 N | 93.94 8.53 0.00 N | 104.49 10.80 0.00 N | 97.22 -4.79 -124.66 N | 94.13 7.66 -27.97 N | 115.31 7.18 -50.55 N | 124.61 9.03 -43.94 N | 111.79 10.07 -23.43 N | 119.84 8.97 -41.89 N | 103.66 10.99 -8.37 N | 97.47 9.45 -15.82 N | 79.25 8.54 -3.91 N | 89.88 9.26 -10.14 N | 134.23 8.24 -61.52 N | 182.06 6.63 -122.60 N | 90.34 8.71 -10.67 N | 86.28 8.37 -11.50 N | 71.88 6.86 -5.04 N | 63.74 5.74 -4.34 N |
| RAVENSWOOD_GT3_4 24251 | 56.62 3.52 -16.06 N | 78.08 5.42 -12.12 N | 95.18 4.22 -41.22 N | 69.76 4.00 -17.30 N | 60.73 4.71 0.00 N | 61.65 5.09 0.00 N | 93.94 8.53 0.00 N | 104.49 10.80 0.00 N | 97.22 -4.79 -124.66 N | 94.13 7.66 -27.97 N | 115.31 7.18 -50.55 N | 124.61 9.03 -43.94 N | 111.79 10.07 -23.43 N | 119.84 8.97 -41.89 N | 103.66 10.99 -8.37 N | 97.47 9.45 -15.82 N | 79.25 8.54 -3.91 N | 89.88 9.26 -10.14 N | 134.23 8.24 -61.52 N | 182.06 6.63 -122.60 N | 90.34 8.71 -10.67 N | 86.28 8.37 -11.50 N | 71.88 6.86 -5.04 N | 63.74 5.74 -4.34 N |
| RAVENSWOOD_GT_1 23729 | 56.68 3.59 -16.06 N | 78.16 5.50 -12.12 N | 95.23 4.27 -41.22 N | 69.83 4.08 -17.30 N | 60.80 4.78 0.00 N | 61.70 5.13 0.00 N | 94.01 8.60 0.00 N | 104.53 10.83 0.00 N | 97.10 -4.91 -124.66 N | 94.22 7.75 -27.97 N | 115.36 7.23 -50.55 N | 124.65 9.07 -43.94 N | 111.86 10.15 -23.43 N | 119.91 9.04 -41.89 N | 103.76 11.09 -8.37 N | 97.64 9.61 -15.82 N | 79.41 8.69 -3.91 N | 90.05 9.43 -10.14 N | 134.34 8.35 -61.52 N | 182.01 6.58 -122.60 N | 90.38 8.75 -10.67 N | 86.39 8.48 -11.50 N | 72.02 6.99 -5.04 N | 63.87 5.86 -4.34 N |
| RAVENSWOOD_GT_10 24258 | 56.57 3.47 -16.06 N | 78.00 5.35 -12.12 N | 95.12 4.16 -41.22 N | 69.70 3.95 -17.30 N | 60.67 4.65 0.00 N | 61.57 5.01 0.00 N | 93.82 8.41 0.00 N | 104.32 10.63 0.00 N | 97.28 -4.73 -124.66 N | 94.03 7.57 -27.97 N | 115.22 7.09 -50.55 N | 124.47 8.89 -43.94 N | 111.65 9.94 -23.43 N | 119.71 8.84 -41.89 N | 103.50 10.82 -8.37 N | 97.35 9.32 -15.82 N | 79.12 8.41 -3.91 N | 89.76 9.14 -10.14 N | 134.13 8.13 -61.52 N | 181.96 6.54 -122.60 N | 90.21 8.58 -10.67 N | 86.14 8.23 -11.50 N | 71.78 6.76 -5.04 N | 63.68 5.67 -4.34 N |
| RAVENSWOOD_GT_11 24259 | 56.57 3.47 -16.06 N | 78.00 5.35 -12.12 N | 95.12 4.16 -41.22 N | 69.70 3.95 -17.30 N | 60.67 4.65 0.00 N | 61.57 5.01 0.00 N | 93.82 8.41 0.00 N | 104.32 10.63 0.00 N | 97.28 -4.73 -124.66 N | 94.03 7.57 -27.97 N | 115.22 7.09 -50.55 N | 124.47 8.89 -43.94 N | 111.65 9.94 -23.43 N | 119.71 8.84 -41.89 N | 103.50 10.82 -8.37 N | 97.35 9.32 -15.82 N | 79.12 8.41 -3.91 N | 89.76 9.14 -10.14 N | 134.13 8.13 -61.52 N | 181.96 6.54 -122.60 N | 90.21 8.58 -10.67 N | 86.14 8.23 -11.50 N | 71.78 6.76 -5.04 N | 63.68 5.67 -4.34 N |
| RAVENSWOOD_GT_4 24252 | 56.55 3.45 -16.06 N | 77.98 5.32 -12.12 N | 95.11 4.15 -41.22 N | 69.69 3.93 -17.30 N | 60.66 4.64 0.00 N | 61.57 5.01 0.00 N | 93.81 8.40 0.00 N | 104.32 10.63 0.00 N | 97.27 -4.74 -124.66 N | 94.00 7.54 -27.97 N | 115.19 7.06 -50.55 N | 124.45 8.88 -43.94 N | 111.62 9.90 -23.43 N | 119.70 8.83 -41.89 N | 103.47 10.79 -8.37 N | 97.33 9.30 -15.82 N | 79.08 8.37 -3.91 N | 89.71 9.09 -10.14 N | 134.10 8.10 -61.52 N | 181.96 6.54 -122.60 N | 90.18 8.55 -10.67 N | 86.13 8.22 -11.50 N | 71.75 6.73 -5.04 N | 63.63 5.63 -4.34 N |
| RAVENSWOOD_GT_5 24254 | 56.55 3.45 -16.06 N | 77.98 5.32 -12.12 N | 95.11 4.15 -41.22 N | 69.69 3.93 -17.30 N | 60.66 4.64 0.00 N | 61.57 5.01 0.00 N | 93.81 8.40 0.00 N | 104.32 10.63 0.00 N | 97.27 -4.74 -124.66 N | 94.00 7.54 -27.97 N | 115.19 7.06 -50.55 N | 124.45 8.88 -43.94 N | 111.62 9.90 -23.43 N | 119.70 8.83 -41.89 N | 103.47 10.79 -8.37 N | 97.33 9.30 -15.82 N | 79.08 8.37 -3.91 N | 89.71 9.09 -10.14 N | 134.10 8.10 -61.52 N | 181.96 6.54 -122.60 N | 90.18 8.55 -10.67 N | 86.13 8.22 -11.50 N | 71.75 6.73 -5.04 N | 63.63 5.63 -4.34 N |
| RAVENSWOOD_GT_6 24253 | 56.55 3.45 -16.06 N | 77.98 5.32 -12.12 N | 95.11 4.15 -41.22 N | 69.69 3.93 -17.30 N | 60.66 4.64 0.00 N | 61.57 5.01 0.00 N | 93.81 8.40 0.00 N | 104.32 10.63 0.00 N | 97.27 -4.74 -124.66 N | 94.00 7.54 -27.97 N | 115.19 7.06 -50.55 N | 124.45 8.88 -43.94 N | 111.62 9.90 -23.43 N | 119.70 8.83 -41.89 N | 103.47 10.79 -8.37 N | 97.33 9.30 -15.82 N | 79.08 8.37 -3.91 N | 89.71 9.09 -10.14 N | 134.10 8.10 -61.52 N | 181.96 6.54 -122.60 N | 90.18 8.55 -10.67 N | 86.13 8.22 -11.50 N | 71.75 6.73 -5.04 N | 63.63 5.63 -4.34 N |

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| RAVENSWOOD_GT_7 24255 | 56.55 3.45 -16.06 N | 77.98 5.32 -12.12 N | 95.11 4.15 -41.22 N | 69.69 3.93 -17.30 N | 60.66 4.64 0.00 N | 61.57 5.01 0.00 N | 93.81 8.40 0.00 N | 104.32 10.63 0.00 N | 97.27 -4.74 -124.66 N | 94.00 7.54 -27.97 N | 115.19 7.06 -50.55 N | 124.45 8.88 -43.94 N | 111.62 9.90 -23.43 N | 119.70 8.83 -41.89 N | 103.47 10.79 -8.37 N | 97.33 9.30 -15.82 N | 79.08 8.37 -3.91 N | 89.71 9.09 -10.14 N | 134.10 8.10 -61.52 N | 181.96 6.54 -122.60 N | 90.18 8.55 -10.67 N | 86.13 8.22 -11.50 N | 71.75 6.73 -5.04 N | 63.63 5.63 -4.34 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 56.57 3.47 -16.06 N | 78.00 5.35 -12.12 N | 95.12 4.16 -41.22 N | 69.70 3.95 -17.30 N | 60.67 4.65 0.00 N | 61.57 5.01 0.00 N | 93.82 8.41 0.00 N | 104.32 10.63 0.00 N | 97.28 -4.73 -124.66 N | 94.03 7.57 -27.97 N | 115.22 7.09 -50.55 N | 124.47 8.89 -43.94 N | 111.65 9.94 -23.43 N | 119.71 8.84 -41.89 N | 103.50 10.82 -8.37 N | 97.35 9.32 -15.82 N | 79.12 8.41 -3.91 N | 89.76 9.14 -10.14 N | 134.13 8.13 -61.52 N | 181.96 6.54 -122.60 N | 90.21 8.58 -10.67 N | 86.14 8.23 -11.50 N | 71.78 6.76 -5.04 N | 63.68 5.67 -4.34 N |
| RAVENSWOOD_GT_9 24257 | 56.57 3.47 -16.06 N | 78.00 5.35 -12.12 N | 95.12 4.16 -41.22 N | 69.70 3.95 -17.30 N | 60.67 4.65 0.00 N | 61.57 5.01 0.00 N | 93.82 8.41 0.00 N | 104.32 10.63 0.00 N | 97.28 -4.73 -124.66 N | 94.03 7.57 -27.97 N | 115.22 7.09 -50.55 N | 124.47 8.89 -43.94 N | 111.65 9.94 -23.43 N | 119.71 8.84 -41.89 N | 103.50 10.82 -8.37 N | 97.35 9.32 -15.82 N | 79.12 8.41 -3.91 N | 89.76 9.14 -10.14 N | 134.13 8.13 -61.52 N | 181.96 6.54 -122.60 N | 90.21 8.58 -10.67 N | 86.14 8.23 -11.50 N | 71.78 6.76 -5.04 N | 63.68 5.67 -4.34 N |
| RAVENSWOOD___1 23533 | 56.68 3.59 -16.06 N | 78.14 5.49 -12.12 N | 95.23 4.27 -41.22 N | 69.81 4.06 -17.30 N | 60.80 4.78 0.00 N | 61.69 5.13 0.00 N | 94.00 8.59 0.00 N | 104.50 10.81 0.00 N | 97.19 -4.82 -124.66 N | 94.21 7.75 -27.97 N | 115.35 7.22 -50.55 N | 124.64 9.06 -43.94 N | 111.85 10.13 -23.43 N | 119.90 9.03 -41.89 N | 103.74 11.07 -8.37 N | 97.63 9.60 -15.82 N | 79.39 8.68 -3.91 N | 90.02 9.40 -10.14 N | 134.33 8.34 -61.52 N | 182.01 6.58 -122.60 N | 90.38 8.75 -10.67 N | 86.38 8.47 -11.50 N | 72.00 6.98 -5.04 N | 63.85 5.85 -4.34 N |
| RAVENSWOOD___2 23534 | 56.68 3.58 -16.06 N | 78.12 5.47 -12.12 N | 95.23 4.27 -41.22 N | 69.81 4.06 -17.30 N | 60.80 4.78 0.00 N | 61.69 5.13 0.00 N | 93.99 8.58 0.00 N | 104.49 10.79 0.00 N | 97.19 -4.82 -124.66 N | 94.21 7.74 -27.97 N | 115.35 7.22 -50.55 N | 124.64 9.06 -43.94 N | 111.84 10.12 -23.43 N | 119.90 9.03 -41.89 N | 103.74 11.07 -8.37 N | 97.63 9.60 -15.82 N | 79.38 8.67 -3.91 N | 90.02 9.39 -10.14 N | 134.33 8.33 -61.52 N | 182.02 6.59 -122.60 N | 90.38 8.75 -10.67 N | 86.37 8.46 -11.50 N | 72.00 6.98 -5.04 N | 63.85 5.85 -4.34 N |
| RAVENSWOOD___3 23535 | 56.58 3.48 -16.06 N | 78.02 5.36 -12.12 N | 95.12 4.16 -41.22 N | 69.70 3.95 -17.30 N | 60.67 4.65 0.00 N | 61.59 5.03 0.00 N | 93.83 8.42 0.00 N | 104.34 10.64 0.00 N | 97.20 -4.81 -124.66 N | 94.04 7.58 -27.97 N | 115.23 7.10 -50.55 N | 124.48 8.90 -43.94 N | 111.66 9.94 -23.43 N | 119.72 8.85 -41.89 N | 103.51 10.83 -8.37 N | 97.38 9.35 -15.82 N | 79.15 8.44 -3.91 N | 89.77 9.15 -10.14 N | 134.14 8.14 -61.52 N | 181.97 6.54 -122.60 N | 90.21 8.58 -10.67 N | 86.18 8.27 -11.50 N | 71.80 6.77 -5.04 N | 63.68 5.67 -4.34 N |
| RAVENSWOOD___4 23820 | 56.67 3.58 -16.06 N | 78.12 5.47 -12.12 N | 95.23 4.27 -41.22 N | 69.80 4.05 -17.30 N | 60.79 4.77 0.00 N | 61.68 5.12 0.00 N | 93.99 8.58 0.00 N | 104.49 10.79 0.00 N | 97.17 -4.84 -124.66 N | 94.20 7.73 -27.97 N | 115.34 7.22 -50.55 N | 124.64 9.06 -43.94 N | 111.84 10.12 -23.43 N | 119.88 9.01 -41.89 N | 103.74 11.06 -8.37 N | 97.63 9.60 -15.82 N | 79.37 8.66 -3.91 N | 90.00 9.38 -10.14 N | 134.32 8.32 -61.52 N | 182.02 6.59 -122.60 N | 90.38 8.75 -10.67 N | 86.37 8.46 -11.50 N | 71.99 6.96 -5.04 N | 63.85 5.84 -4.34 N |
| RCPL_TRUST___DRP 24196 | 56.61 3.52 -16.06 N | 78.07 5.42 -12.12 N | 95.19 4.23 -41.21 N | 69.76 4.01 -17.30 N | 60.75 4.73 0.00 N | 61.67 5.11 0.00 N | 93.98 8.57 0.00 N | 104.51 10.81 0.00 N | 97.24 -4.77 -124.66 N | 94.16 7.70 -27.97 N | 115.36 7.24 -50.55 N | 124.66 9.08 -43.93 N | 111.84 10.12 -23.43 N | 119.88 9.01 -41.89 N | 103.69 11.02 -8.37 N | 97.52 9.49 -15.82 N | 79.28 8.57 -3.91 N | 89.92 9.30 -10.14 N | 134.27 8.27 -61.52 N | 182.09 6.66 -122.59 N | 90.33 8.71 -10.67 N | 86.27 8.36 -11.50 N | 71.87 6.85 -5.04 N | 63.73 5.73 -4.34 N |
| RENSSELAER___COGEN 23796 | 58.37 1.17 -20.15 N | 77.67 1.93 -15.21 N | 102.89 1.41 -51.73 N | 71.59 1.42 -21.71 N | 57.97 1.94 0.00 N | 58.73 2.17 0.00 N | 88.29 2.88 0.00 N | 97.07 3.37 0.00 N | 100.26 -1.67 -124.57 N | 61.28 2.25 -0.54 N | 41.82 2.37 18.12 N | 83.77 2.79 -9.34 N | 72.93 3.03 8.40 N | 61.95 2.91 9.94 N | 84.78 3.52 3.04 N | 71.87 3.27 3.61 N | 68.19 2.87 1.48 N | 69.91 3.27 3.84 N | 43.87 2.70 23.31 N | 8.68 2.32 46.46 N | 70.04 3.12 4.04 N | 82.90 3.11 -13.39 N | 68.38 2.53 -5.87 N | 60.97 2.25 -5.05 N |
| REVERE_CPPR_DRP 24186 | 38.16 0.58 -0.55 N | 61.77 0.82 -0.42 N | 51.78 0.62 -1.41 N | 49.65 0.60 -0.59 N | 56.98 0.96 0.00 N | 57.76 1.20 0.00 N | 88.13 2.72 0.00 N | 97.38 3.68 0.00 N | 86.45 -1.14 -110.24 N | 68.55 2.52 -7.55 N | 62.06 2.48 -2.01 N | 76.55 3.10 -1.81 N | 82.44 3.22 -0.93 N | 76.70 2.91 -4.82 N | 88.07 3.44 -0.33 N | 75.63 2.79 -0.63 N | 69.40 2.45 -0.15 N | 73.40 2.52 -0.40 N | 69.38 2.47 -2.44 N | 59.91 2.23 -4.85 N | 74.43 3.05 -0.42 N | 69.10 2.19 -0.50 N | 61.77 1.57 -0.22 N | 54.93 1.07 -0.19 N |
| ROCHESTER_9_IC 23652 | 37.90 -1.09 -1.95 N | 59.94 -2.06 -1.47 N | 52.80 -1.95 -5.01 N | 48.61 -1.95 -2.10 N | 54.24 -1.78 0.00 N | 54.86 -1.70 0.00 N | 82.98 -2.43 0.00 N | 91.11 -2.59 0.00 N | 82.97 1.01 -104.61 N | 66.29 -1.15 -8.95 N | 62.65 -1.28 -6.35 N | 75.59 -1.62 -5.57 N | 79.41 -1.82 -2.95 N | 75.10 -1.81 -7.93 N | 82.77 -2.59 -1.05 N | 71.90 -2.31 -1.99 N | 65.12 -2.18 -0.49 N | 69.36 -2.40 -1.28 N | 70.12 -2.10 -7.74 N | 66.74 -1.52 -15.43 N | 71.02 -1.28 -1.34 N | 66.03 -1.85 -1.48 N | 58.94 -1.69 -0.65 N | 52.66 -1.56 -0.56 N |
| ROSETON___1 23587 | 55.74 2.81 -15.90 N | 76.91 4.38 -12.00 N | 94.00 3.45 -40.81 N | 68.85 3.27 -17.13 N | 59.89 3.87 0.00 N | 60.69 4.13 0.00 N | 92.18 6.77 0.00 N | 102.14 8.44 0.00 N | 97.88 -4.12 -124.65 N | 92.79 6.06 -28.24 N | 114.45 5.65 -51.22 N | 122.94 7.10 -44.20 N | 109.97 7.94 -23.73 N | 118.44 7.07 -42.39 N | 101.47 8.69 -8.48 N | 95.70 7.49 -16.00 N | 77.43 6.67 -3.96 N | 88.00 7.25 -10.27 N | 133.22 6.41 -62.34 N | 182.28 5.23 -124.22 N | 88.68 6.91 -10.81 N | 84.53 6.69 -11.43 N | 70.47 5.48 -5.02 N | 62.59 4.62 -4.31 N |
| ROSETON___2 23588 | 55.74 2.81 -15.90 N | 76.91 4.38 -12.00 N | 94.00 3.45 -40.81 N | 68.85 3.27 -17.13 N | 59.89 3.87 0.00 N | 60.69 4.13 0.00 N | 92.18 6.77 0.00 N | 102.14 8.44 0.00 N | 97.88 -4.12 -124.65 N | 92.79 6.06 -28.24 N | 114.45 5.65 -51.22 N | 122.94 7.10 -44.20 N | 109.97 7.94 -23.73 N | 118.44 7.07 -42.39 N | 101.47 8.69 -8.48 N | 95.70 7.49 -16.00 N | 77.43 6.67 -3.96 N | 88.00 7.25 -10.27 N | 133.22 6.41 -62.34 N | 182.28 5.23 -124.22 N | 88.68 6.91 -10.81 N | 84.53 6.69 -11.43 N | 70.47 5.48 -5.02 N | 62.59 4.62 -4.31 N |
| RUSSELL___1 23602 | 38.50 -0.48 -1.94 N | 60.97 -1.02 -1.46 N | 53.65 -1.06 -4.97 N | 49.46 -1.07 -2.08 N | 55.37 -0.65 0.00 N | 56.33 -0.24 0.00 N | 85.92 0.51 0.00 N | 94.31 0.61 0.00 N | 82.16 0.25 -104.55 N | 68.19 0.77 -8.93 N | 64.49 0.61 -6.30 N | 77.88 0.72 -5.52 N | 81.76 0.56 -2.92 N | 77.17 0.31 -7.89 N | 85.24 -0.10 -1.04 N | 73.93 -0.26 -1.98 N | 66.98 -0.31 -0.49 N | 71.36 -0.39 -1.27 N | 71.91 -0.24 -7.68 N | 68.32 0.19 -15.30 N | 73.43 1.14 -1.33 N | 67.97 0.09 -1.47 N | 60.32 -0.30 -0.64 N | 53.67 -0.55 -0.55 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------|--------|--------|--------|--------|-------|-------|-------|--------|---------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|---------|--------|--------|-------|-------|---|---|
| RUSSELL___2 | 38.50 | 60.97 | 53.65 | 49.46 | 55.37 | 56.33 | 85.92 | 94.31 | 82.16 | 68.19 | 64.49 | 77.88 | 81.76 | 77.17 | 85.24 | 73.93 | 66.98 | 71.36 | 71.91 | 68.32 | 73.43 | 67.97 | 60.32 | 53.67 | | |
| 23532 | -0.48 | -1.02 | -1.06 | -1.07 | -0.65 | -0.24 | 0.51 | 0.61 | 0.25 | 0.77 | 0.61 | 0.72 | 0.56 | 0.31 | -0.10 | -0.26 | -0.31 | -0.39 | -0.24 | 0.19 | 1.14 | 0.09 | -0.30 | -0.55 | | |
| | -1.94 | -1.46 | -4.97 | -2.08 | 0.00 | 0.00 | 0.00 | 0.00 | -104.55 | -8.93 | -6.30 | -5.52 | -2.92 | -7.89 | -1.04 | -1.98 | -0.49 | -1.27 | -7.68 | -15.30 | -1.33 | -1.47 | -0.64 | -0.55 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| RUSSELL___3 | 37.83 | 59.83 | 52.74 | 48.56 | 54.27 | 54.94 | 83.22 | 91.24 | 82.90 | 66.33 | 62.66 | 75.58 | 79.34 | 75.03 | 82.67 | 71.80 | 65.05 | 69.30 | 70.08 | 66.75 | 71.09 | 66.02 | 58.81 | 52.53 | | |
| 23549 | -1.16 | -2.16 | -2.01 | -1.99 | -1.75 | -1.62 | -2.19 | -2.45 | 0.93 | -1.11 | -1.26 | -1.62 | -1.89 | -1.87 | -2.69 | -2.40 | -2.24 | -2.46 | -2.13 | -1.48 | -1.21 | -1.87 | -1.82 | -1.70 | | |
| | -1.95 | -1.47 | -5.00 | -2.10 | 0.00 | 0.00 | 0.00 | 0.00 | -104.61 | -8.95 | -6.35 | -5.56 | -2.94 | -7.92 | -1.05 | -1.99 | -0.49 | -1.27 | -7.73 | -15.40 | -1.34 | -1.48 | -0.65 | -0.56 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| RUSSELL___4 | 38.48 | 60.93 | 53.63 | 49.43 | 55.36 | 56.30 | 85.86 | 94.25 | 82.10 | 68.15 | 64.45 | 77.83 | 81.71 | 77.12 | 85.17 | 73.86 | 66.94 | 71.31 | 71.86 | 68.27 | 73.37 | 67.92 | 60.29 | 53.63 | | |
| 23556 | -0.49 | -1.07 | -1.08 | -1.10 | -0.66 | -0.26 | 0.45 | 0.55 | 0.20 | 0.73 | 0.57 | 0.67 | 0.50 | 0.25 | -0.18 | -0.33 | -0.35 | -0.45 | -0.29 | 0.14 | 1.08 | 0.04 | -0.34 | -0.59 | | |
| | -1.94 | -1.46 | -4.97 | -2.08 | 0.00 | 0.00 | 0.00 | 0.00 | -104.55 | -8.93 | -6.30 | -5.52 | -2.92 | -7.89 | -1.04 | -1.98 | -0.49 | -1.27 | -7.68 | -15.30 | -1.33 | -1.47 | -0.64 | -0.55 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| RUSSELL___STATION | 37.83 | 59.83 | 52.74 | 48.56 | 54.27 | 54.94 | 83.22 | 91.24 | 82.90 | 66.33 | 62.66 | 75.58 | 79.34 | 75.03 | 82.67 | 71.80 | 65.05 | 69.30 | 70.08 | 66.75 | 71.09 | 66.02 | 58.81 | 52.53 | | |
| 23914 | -1.16 | -2.16 | -2.01 | -1.99 | -1.75 | -1.62 | -2.19 | -2.45 | 0.93 | -1.11 | -1.26 | -1.62 | -1.89 | -1.87 | -2.69 | -2.40 | -2.24 | -2.46 | -2.13 | -1.48 | -1.21 | -1.87 | -1.82 | -1.70 | | |
| | -1.95 | -1.47 | -5.00 | -2.10 | 0.00 | 0.00 | 0.00 | 0.00 | -104.61 | -8.95 | -6.35 | -5.56 | -2.94 | -7.92 | -1.05 | -1.99 | -0.49 | -1.27 | -7.73 | -15.40 | -1.34 | -1.48 | -0.65 | -0.56 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| S SALMON___HYD | 37.86 | 60.52 | 52.44 | 49.02 | 55.01 | 55.68 | 84.49 | 93.13 | 73.37 | 66.11 | 62.15 | 75.49 | 79.90 | 74.94 | 84.18 | 72.95 | 66.55 | 70.66 | 69.60 | 63.86 | 71.49 | 66.77 | 59.66 | 53.19 | | |
| 24043 | -0.60 | -1.08 | -0.98 | -0.97 | -1.01 | -0.88 | -0.92 | -0.57 | -0.15 | -0.16 | -0.14 | -0.30 | -0.58 | -0.48 | -0.91 | -0.74 | -0.62 | -0.78 | -0.62 | -0.43 | -0.46 | -0.75 | -0.81 | -0.89 | | |
| | -1.43 | -1.08 | -3.67 | -1.54 | 0.00 | 0.00 | 0.00 | 0.00 | -96.16 | -7.78 | -4.72 | -4.15 | -2.19 | -6.44 | -0.78 | -1.48 | -0.37 | -0.95 | -5.75 | -11.46 | -1.00 | -1.11 | -0.48 | -0.42 | | |
| | 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 | |
| SELKIRK___II | 58.13 | 77.32 | 102.66 | 71.38 | 57.60 | 58.25 | 87.70 | 96.52 | 100.28 | 59.70 | 37.91 | 81.53 | 71.08 | 58.96 | 83.97 | 70.84 | 67.62 | 68.97 | 40.86 | 3.07 | 68.97 | 82.35 | 67.91 | 60.54 | | |
| 23799 | 0.97 | 1.59 | 1.26 | 1.24 | 1.58 | 1.69 | 2.29 | 2.82 | -1.76 | 2.09 | 2.03 | 2.54 | 2.84 | 2.62 | 3.23 | 2.84 | 2.47 | 2.75 | 2.29 | 1.86 | 2.51 | 2.58 | 2.07 | 1.83 | | |
| | -20.12 | -15.19 | -51.65 | -21.68 | 0.00 | 0.00 | 0.00 | 0.00 | -124.68 | 0.88 | 21.69 | -7.35 | 10.05 | 12.64 | 3.57 | 4.21 | 1.65 | 4.27 | 25.90 | 51.62 | 4.49 | -13.36 | -5.86 | -5.04 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| SELKIRK___I | 58.36 | 77.74 | 102.86 | 71.69 | 58.11 | 58.74 | 88.21 | 97.08 | 100.15 | 60.43 | 39.18 | 82.38 | 71.95 | 60.03 | 84.54 | 71.51 | 68.06 | 69.57 | 42.61 | 6.17 | 69.58 | 82.61 | 68.16 | 60.92 | | |
| 23801 | 1.29 | 2.09 | 1.70 | 1.66 | 2.09 | 2.18 | 2.81 | 3.38 | -1.90 | 2.43 | 2.32 | 2.93 | 3.27 | 2.96 | 3.65 | 3.20 | 2.82 | 3.12 | 2.64 | 2.18 | 2.88 | 2.89 | 2.34 | 2.23 | | |
| | -20.03 | -15.12 | -51.41 | -21.58 | 0.00 | 0.00 | 0.00 | 0.00 | -124.70 | 0.49 | 20.72 | -7.81 | 9.60 | 11.90 | 3.41 | 3.90 | 1.56 | 4.04 | 24.51 | 48.83 | 4.25 | -13.32 | -5.84 | -5.02 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| SENECA OSWGO___HYD | 38.82 | 61.89 | 53.99 | 50.18 | 56.05 | 56.61 | 85.48 | 94.08 | 74.53 | 67.31 | 63.65 | 77.15 | 81.32 | 76.57 | 85.43 | 74.23 | 67.62 | 71.80 | 71.35 | 66.29 | 72.68 | 67.94 | 60.78 | 54.28 | | |
| 24041 | 0.14 | 0.12 | 0.01 | -0.05 | 0.03 | 0.05 | 0.07 | 0.38 | -0.47 | 0.68 | 0.68 | 0.78 | 0.52 | 0.59 | 0.23 | 0.33 | 0.40 | 0.23 | 0.29 | 0.35 | 0.58 | 0.27 | 0.25 | 0.14 | | |
| | -1.65 | -1.25 | -4.23 | -1.78 | 0.00 | 0.00 | 0.00 | 0.00 | -97.65 | -8.14 | -5.40 | -4.74 | -2.50 | -7.00 | -0.89 | -1.69 | -0.42 | -1.08 | -6.58 | -13.11 | -1.14 | -1.26 | -0.55 | -0.48 | | |
| | 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 | |
| SENECA___ENERGY | 39.05 | 61.54 | 54.87 | 50.09 | 55.69 | 56.37 | 85.44 | 94.17 | 80.04 | 68.17 | 65.41 | 78.60 | 82.04 | 77.87 | 85.26 | 74.11 | 67.00 | 71.58 | 73.45 | 71.25 | 73.05 | 67.98 | 60.38 | 53.72 | | |
| 23797 | -0.28 | -0.72 | -0.76 | -0.83 | -0.33 | -0.19 | 0.03 | 0.47 | -0.35 | 0.37 | 0.35 | 0.42 | 0.28 | 0.16 | -0.29 | -0.44 | -0.38 | -0.42 | -0.18 | 0.17 | 0.50 | -0.16 | -0.36 | -0.60 | | |
| | -2.29 | -1.73 | -5.88 | -2.47 | 0.00 | 0.00 | 0.00 | 0.00 | -103.04 | -9.31 | -7.48 | -6.54 | -3.47 | -8.73 | -1.24 | -2.35 | -0.58 | -1.51 | -9.16 | -18.25 | -1.59 | -1.73 | -0.76 | -0.65 | | |
| | 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 | |
| SHOEMAKER___GT | 54.23 | 75.61 | 90.35 | 67.20 | 59.63 | 60.41 | 91.79 | 101.64 | 97.37 | 91.39 | 110.98 | 120.25 | 108.26 | 115.81 | 100.79 | 94.50 | 76.98 | 87.09 | 128.95 | 173.95 | 87.90 | 83.87 | 70.12 | 62.28 | | |
| 23640 | 2.63 | 4.09 | 3.22 | 3.05 | 3.61 | 3.85 | 6.38 | 7.94 | -4.48 | 6.03 | 5.56 | 6.99 | 7.81 | 7.01 | 8.57 | 7.32 | 6.48 | 7.01 | 6.25 | 5.09 | 6.84 | 6.55 | 5.36 | 4.50 | | |
| | -14.56 | -10.99 | -37.38 | -15.69 | 0.00 | 0.00 | 0.00 | 0.00 | -124.50 | -26.87 | -47.84 | -41.62 | -22.16 | -39.82 | -7.92 | -14.97 | -3.70 | -9.59 | -58.22 | -116.03 | -10.10 | -10.91 | -4.79 | -4.12 | | |
| | 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 | |
| SHOREHAM_IC_1 | 57.31 | 79.44 | 96.53 | 71.01 | 62.21 | 63.15 | 96.61 | 110.62 | 96.54 | 95.72 | 116.52 | 125.10 | 112.65 | 119.99 | 104.20 | 98.56 | 80.40 | 91.16 | 135.74 | 183.19 | 91.09 | 86.74 | 72.11 | 63.95 | | |
| 23715 | 4.22 | 6.79 | 5.56 | 5.25 | 6.19 | 6.59 | 11.20 | 13.97 | -5.46 | 9.25 | 8.39 | 9.52 | 10.93 | 9.11 | 11.53 | 10.53 | 9.69 | 10.54 | 9.74 | 7.76 | 9.47 | 8.83 | 7.08 | 5.94 | | |
| | -16.06 | -12.12 | -41.22 | -17.30 | 0.00 | 0.00 | 0.00 | -2.95 | -124.66 | -27.97 | -50.56 | -43.94 | -23.43 | -41.89 | -8.37 | -15.82 | -3.91 | -10.14 | -61.52 | -122.61 | -10.67 | -11.50 | -5.05 | -4.34 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| SHOREHAM_IC_2 | 57.31 | 79.44 | 96.53 | 71.01 | 62.21 | 63.15 | 96.61 | 110.62 | 96.54 | 95.72 | 116.52 | 125.10 | 112.65 | 119.99 | 104.20 | 98.56 | 80.40 | 91.16 | 135.74 | 183.19 | 91.09 | 86.74 | 72.11 | 63.95 | | |
| 23716 | 4.22 | 6.79 | 5.56 | 5.25 | 6.19 | 6.59 | 11.20 | 13.97 | -5.46 | 9.25 | 8.39 | 9.52 | 10.93 | 9.11 | | | | | | | | | | | | |

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| 24169 | -0.33 -1.17 N | -0.62 -0.88 N | -0.57 -2.99 N | -0.59 -1.26 N | -0.64 0.00 N | -0.76 0.00 N | -1.45 0.00 N | -1.53 0.00 N | 0.05 -94.29 N | -0.63 -7.27 N | -0.67 -3.76 N | -0.95 -3.32 N | -1.24 -1.74 N | -1.09 -5.66 N | -1.64 -0.62 N | -1.34 -1.18 N | -1.15 -0.29 N | -1.45 -0.75 N | -1.25 -4.58 N | -0.97 -9.12 N | -1.13 -0.79 N | -1.17 -0.90 N | -0.89 -0.39 N | -0.73 -0.34 N |
| SITHE_IND_GS2 24170 | 37.87 -0.33 -1.17 N | 60.79 -0.62 -0.88 N | 52.16 -0.57 -2.99 N | 49.12 -0.59 -1.26 N | 55.38 -0.64 0.00 N | 55.80 -0.76 0.00 N | 83.97 -1.45 0.00 N | 92.17 -1.53 0.00 N | 71.69 0.05 -94.29 N | 65.13 -0.63 -7.27 N | 60.66 -0.67 -3.76 N | 74.01 -0.95 -3.32 N | 78.80 -1.24 -1.74 N | 73.55 -1.09 -5.66 N | 83.29 -1.64 -0.62 N | 72.05 -1.34 -1.18 N | 65.94 -1.15 -0.29 N | 69.79 -1.45 -0.75 N | 67.81 -1.25 -4.58 N | 60.97 -0.97 -9.12 N | 70.62 -1.13 -0.79 N | 66.13 -1.17 -0.90 N | 59.48 -0.89 -0.39 N | 53.28 -0.73 -0.34 N |
| SITHE_IND_GS3 24171 | 37.87 -0.33 -1.17 N | 60.79 -0.62 -0.88 N | 52.16 -0.57 -2.99 N | 49.12 -0.59 -1.26 N | 55.38 -0.64 0.00 N | 55.80 -0.76 0.00 N | 83.97 -1.45 0.00 N | 92.17 -1.53 0.00 N | 71.69 0.05 -94.29 N | 65.13 -0.63 -7.27 N | 60.66 -0.67 -3.76 N | 74.01 -0.95 -3.32 N | 78.80 -1.24 -1.74 N | 73.55 -1.09 -5.66 N | 83.29 -1.64 -0.62 N | 72.05 -1.34 -1.18 N | 65.94 -1.15 -0.29 N | 69.79 -1.45 -0.75 N | 67.81 -1.25 -4.58 N | 60.97 -0.97 -9.12 N | 70.62 -1.13 -0.79 N | 66.13 -1.17 -0.90 N | 59.48 -0.89 -0.39 N | 53.28 -0.73 -0.34 N |
| SITHE_IND_GS4 24172 | 37.87 -0.33 -1.17 N | 60.79 -0.62 -0.88 N | 52.16 -0.57 -2.99 N | 49.12 -0.59 -1.26 N | 55.38 -0.64 0.00 N | 55.80 -0.76 0.00 N | 83.97 -1.45 0.00 N | 92.17 -1.53 0.00 N | 71.69 0.05 -94.29 N | 65.13 -0.63 -7.27 N | 60.66 -0.67 -3.76 N | 74.01 -0.95 -3.32 N | 78.80 -1.24 -1.74 N | 73.55 -1.09 -5.66 N | 83.29 -1.64 -0.62 N | 72.05 -1.34 -1.18 N | 65.94 -1.15 -0.29 N | 69.79 -1.45 -0.75 N | 67.81 -1.25 -4.58 N | 60.97 -0.97 -9.12 N | 70.62 -1.13 -0.79 N | 66.13 -1.17 -0.90 N | 59.48 -0.89 -0.39 N | 53.28 -0.73 -0.34 N |
| SITHE___BATAVIA 24024 | 37.48 -1.81 -2.26 N | 59.03 -3.20 -1.70 N | 52.60 -2.94 -5.79 N | 47.96 -2.93 -2.43 N | 53.21 -2.81 0.00 N | 53.87 -2.70 0.00 N | 81.13 -4.28 0.00 N | 88.59 -5.10 0.00 N | 84.97 2.35 -105.27 N | 65.07 -2.82 -9.40 N | 61.92 -3.02 -7.37 N | 74.36 -3.72 -6.44 N | 77.64 -4.07 -3.42 N | 73.81 -3.89 -8.71 N | 80.27 -5.25 -1.22 N | 69.86 -4.66 -2.31 N | 63.02 -4.35 -0.57 N | 67.42 -4.55 -1.48 N | 69.50 -3.96 -8.98 N | 67.75 -2.96 -17.89 N | 69.51 -3.00 -1.56 N | 64.39 -3.73 -1.70 N | 57.45 -3.28 -0.75 N | 51.52 -2.79 -0.64 N |
| SITHE___INDEPEND 23800 | 37.87 -0.33 -1.17 N | 60.79 -0.62 -0.88 N | 52.16 -0.57 -2.99 N | 49.12 -0.59 -1.26 N | 55.38 -0.64 0.00 N | 55.80 -0.76 0.00 N | 83.97 -1.45 0.00 N | 92.17 -1.53 0.00 N | 71.69 0.05 -94.29 N | 65.13 -0.63 -7.27 N | 60.66 -0.67 -3.76 N | 74.01 -0.95 -3.32 N | 78.80 -1.24 -1.74 N | 73.55 -1.09 -5.66 N | 83.29 -1.64 -0.62 N | 72.05 -1.34 -1.18 N | 65.94 -1.15 -0.29 N | 69.79 -1.45 -0.75 N | 67.81 -1.25 -4.58 N | 60.97 -0.97 -9.12 N | 70.62 -1.13 -0.79 N | 66.13 -1.17 -0.90 N | 59.48 -0.89 -0.39 N | 53.28 -0.73 -0.34 N |
| SITHE___MASSENA 23902 | 35.40 -1.64 0.00 N | 57.92 -2.61 0.00 N | 47.74 -2.00 0.00 N | 46.61 -1.85 0.00 N | 53.77 -2.25 0.00 N | 54.21 -2.36 0.00 N | 82.05 -3.36 0.00 N | 89.22 -4.47 0.00 N | 9.71 0.72 -31.63 N | 57.90 -2.52 -1.93 N | 55.35 -2.23 0.00 N | 69.02 -2.62 0.00 N | 75.50 -2.79 0.00 N | 67.36 -2.57 -0.95 N | 81.49 -2.81 0.00 N | 69.77 -2.44 0.00 N | 64.64 -2.17 0.00 N | 68.23 -2.26 0.00 N | 62.47 -2.01 0.00 N | 51.09 -1.74 0.00 N | 68.63 -2.32 0.00 N | 64.12 -2.29 0.00 N | 58.02 -1.96 0.00 N | 52.02 -1.65 0.00 N |
| SITHE___OGDNSBRG 24021 | 35.22 -1.82 0.00 N | 57.61 -2.92 0.00 N | 47.50 -2.25 0.00 N | 46.37 -2.08 0.00 N | 53.52 -2.50 0.00 N | 54.05 -2.51 0.00 N | 82.07 -3.34 0.00 N | 89.36 -4.33 0.00 N | 16.77 0.76 -38.67 N | 58.39 -2.46 -2.36 N | 55.48 -2.10 0.00 N | 69.29 -2.35 0.00 N | 75.81 -2.49 0.00 N | 67.82 -2.32 -1.16 N | 81.77 -2.53 0.00 N | 69.99 -2.22 0.00 N | 64.84 -1.97 0.00 N | 68.47 -2.02 0.00 N | 62.78 -1.70 0.00 N | 51.37 -1.46 0.00 N | 68.97 -1.98 0.00 N | 64.31 -2.10 0.00 N | 58.11 -1.87 0.00 N | 52.02 -1.65 0.00 N |
| SITHE___STERLING 23777 | 38.39 0.64 -0.71 N | 61.98 0.91 -0.54 N | 52.25 0.67 -1.83 N | 49.86 0.64 -0.77 N | 57.03 1.01 0.00 N | 57.74 1.18 0.00 N | 87.90 2.49 0.00 N | 97.11 3.41 0.00 N | 87.58 -1.13 -111.36 N | 68.73 2.41 -7.82 N | 62.46 2.36 -2.53 N | 76.83 2.92 -2.26 N | 82.48 3.02 -1.17 N | 76.94 2.72 -5.24 N | 87.90 3.17 -0.42 N | 75.57 2.56 -0.80 N | 69.25 2.26 -0.19 N | 73.29 2.30 -0.51 N | 69.79 2.25 -3.07 N | 60.98 2.03 -6.12 N | 74.29 2.81 -0.53 N | 69.11 2.08 -0.62 N | 61.78 1.52 -0.27 N | 54.98 1.08 -0.23 N |
| SOUTH CAIRO___GT 23612 | 57.17 2.66 -17.47 N | 77.94 4.22 -13.19 N | 97.94 3.36 -44.84 N | 70.53 3.25 -18.82 N | 59.95 3.93 0.00 N | 60.80 4.24 0.00 N | 92.15 6.75 0.00 N | 101.92 8.23 0.00 N | 98.69 -3.34 -124.68 N | 83.51 5.77 -19.25 N | 91.83 5.55 -28.71 N | 111.63 7.00 -32.99 N | 99.28 7.71 -13.28 N | 101.37 7.02 -25.36 N | 97.61 8.56 -4.75 N | 89.35 7.39 -9.75 N | 75.64 6.62 -2.22 N | 83.52 7.27 -5.76 N | 106.04 6.52 -35.04 N | 128.08 5.41 -69.84 N | 84.16 7.13 -6.08 N | 85.19 6.64 -12.14 N | 70.79 5.49 -5.32 N | 62.86 4.61 -4.58 N |
| SOUTH HAMPTN___IC 23720 | 57.78 4.69 -16.06 N | 80.19 7.53 -12.12 N | 97.13 6.16 -41.22 N | 71.61 5.86 -17.30 N | 62.96 6.94 0.00 N | 64.15 7.59 0.00 N | 98.35 12.94 0.00 N | 112.85 16.20 -2.95 N | 96.00 -6.01 -124.66 N | 97.19 10.72 -27.97 N | 117.94 9.81 -50.56 N | 126.87 11.29 -43.94 N | 114.51 12.79 -23.43 N | 121.55 10.67 -41.89 N | 106.04 13.36 -8.37 N | 100.09 12.06 -15.82 N | 81.82 11.11 -3.91 N | 92.69 12.07 -10.14 N | 137.23 11.22 -61.52 N | 184.50 9.07 -122.61 N | 92.86 11.23 -10.67 N | 88.28 10.37 -11.50 N | 73.35 8.33 -5.05 N | 64.94 6.94 -4.34 N |
| SOUTHOLD___IC 23719 | 58.84 5.75 -16.06 N | 81.88 9.23 -12.12 N | 98.51 7.54 -41.22 N | 72.94 7.18 -17.30 N | 64.56 8.54 0.00 N | 65.97 9.40 0.00 N | 101.47 16.06 0.00 N | 116.72 20.08 -2.95 N | 95.00 -7.01 -124.66 N | 99.62 13.16 -27.97 N | 120.37 12.24 -50.56 N | 129.82 14.24 -43.94 N | 117.70 15.98 -23.43 N | 124.31 13.44 -41.89 N | 109.19 16.52 -8.37 N | 102.66 14.63 -15.82 N | 84.19 13.48 -3.91 N | 95.27 14.65 -10.14 N | 139.74 13.74 -61.52 N | 186.81 11.37 -122.61 N | 96.03 14.40 -10.67 N | 91.02 13.11 -11.50 N | 75.54 10.51 -5.05 N | 66.65 8.65 -4.34 N |
| ST LAWRENCE___ 23600 | 35.32 -1.71 0.00 N | 57.78 -2.75 0.00 N | 47.65 -2.10 0.00 N | 46.49 -1.96 0.00 N | 53.64 -2.38 0.00 N | 54.08 -2.48 0.00 N | 81.77 -3.64 0.00 N | 88.91 -4.78 0.00 N | 7.11 0.89 -28.87 N | 57.57 -2.69 -1.76 N | 55.15 -2.42 0.00 N | 68.72 -2.92 0.00 N | 75.20 -3.09 0.00 N | 67.03 -2.81 -0.86 N | 81.19 -3.11 0.00 N | 69.53 -2.68 0.00 N | 64.42 -2.38 0.00 N | 67.98 -2.51 0.00 N | 62.22 -2.25 0.00 N | 50.86 -1.97 0.00 N | 68.36 -2.60 0.00 N | 63.89 -2.52 0.00 N | 57.84 -2.14 0.00 N | 51.85 -1.82 0.00 N |
| STATION 5_MISC_HYD 23604 | 39.07 0.11 -1.93 N | 61.89 -0.10 -1.46 N | 54.44 -0.27 -4.96 N | 50.23 -0.30 -2.08 N | 56.40 0.38 0.00 N | 57.63 1.07 0.00 N | 89.04 3.63 0.00 N | 97.79 4.09 0.00 N | 81.47 -0.42 -104.54 N | 69.92 2.50 -8.92 N | 66.10 2.23 -6.29 N | 79.81 2.66 -5.51 N | 83.59 2.39 -2.91 N | 78.71 1.85 -7.88 N | 86.98 1.64 -1.04 N | 75.28 1.10 -1.97 N | 68.12 0.83 -0.49 N | 72.49 0.74 -1.26 N | 72.98 0.84 -7.66 N | 69.26 1.16 -15.27 N | 75.05 2.76 -1.33 N | 69.54 1.67 -1.46 N | 61.40 0.77 -0.64 N | 54.37 0.16 -0.55 N |

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| STEEL___WIND 323596 | 37.42 -2.30 -2.68 N | 58.57 -3.99 -2.03 N | 53.03 -3.60 -6.89 N | 47.73 -3.62 -2.89 N | 52.40 -3.63 0.00 N | 53.00 -3.56 0.00 N | 79.65 -5.76 0.00 N | 87.10 -6.60 0.00 N | 86.40 2.88 -106.17 N | 64.55 -3.97 -10.02 N | 62.21 -4.14 -8.79 N | 74.20 -5.10 -7.66 N | 76.90 -5.46 -4.07 N | 73.71 -5.07 -9.81 N | 79.00 -6.76 -1.45 N | 68.93 -6.03 -2.75 N | 61.93 -5.55 -0.68 N | 66.60 -5.65 -1.76 N | 70.27 -4.90 -10.69 N | 70.39 -3.75 -21.31 N | 68.58 -4.23 -1.86 N | 63.61 -4.82 -2.02 N | 56.66 -4.21 -0.88 N | 50.78 -3.65 -0.76 N |
| STURGEON_POOL_HYD 23609 | 56.13 2.82 -16.27 N | 77.21 4.40 -12.29 N | 94.99 3.47 -41.77 N | 69.26 3.27 -17.53 N | 59.89 3.87 0.00 N | 60.68 4.12 0.00 N | 92.32 6.91 0.00 N | 102.45 8.75 0.00 N | 97.71 -4.28 -124.64 N | 90.11 6.55 -25.07 N | 106.96 6.10 -43.28 N | 119.32 7.51 -40.17 N | 106.52 8.21 -20.02 N | 112.79 7.48 -36.34 N | 100.63 9.17 -7.15 N | 93.73 7.76 -13.76 N | 76.96 6.82 -3.34 N | 86.60 7.45 -8.66 N | 123.88 6.73 -52.67 N | 163.39 5.59 -104.97 N | 87.50 7.41 -9.14 N | 84.97 6.95 -11.61 N | 70.75 5.68 -5.09 N | 62.74 4.69 -4.38 N |
| SYRACUSE___ENERGY_ST1 323597 | 39.60 0.53 -2.03 N | 62.79 0.72 -1.54 N | 55.50 0.53 -5.22 N | 51.09 0.45 -2.19 N | 56.77 0.75 0.00 N | 57.37 0.81 0.00 N | 86.92 1.52 0.00 N | 95.76 2.07 0.00 N | 77.31 -0.89 -100.85 N | 68.83 1.49 -8.85 N | 65.65 1.41 -6.67 N | 79.14 1.67 -5.83 N | 82.97 1.59 -3.09 N | 78.39 1.36 -8.05 N | 86.74 1.34 -1.10 N | 75.32 1.02 -2.09 N | 68.29 0.97 -0.52 N | 72.72 0.90 -1.34 N | 73.56 0.96 -8.13 N | 70.02 0.99 -16.20 N | 73.84 1.47 -1.41 N | 69.01 1.05 -1.54 N | 61.52 0.86 -0.68 N | 54.88 0.63 -0.58 N |
| SYRACUSE___ENERGY_ST2 323598 | 39.60 0.53 -2.03 N | 62.79 0.72 -1.54 N | 55.50 0.53 -5.22 N | 51.09 0.45 -2.19 N | 56.77 0.75 0.00 N | 57.37 0.81 0.00 N | 86.92 1.52 0.00 N | 95.76 2.07 0.00 N | 77.31 -0.89 -100.85 N | 68.83 1.49 -8.85 N | 65.65 1.41 -6.67 N | 79.14 1.67 -5.83 N | 82.97 1.59 -3.09 N | 78.39 1.36 -8.05 N | 86.74 1.34 -1.10 N | 75.32 1.02 -2.09 N | 68.29 0.97 -0.52 N | 72.72 0.90 -1.34 N | 73.56 0.96 -8.13 N | 70.02 0.99 -16.20 N | 73.84 1.47 -1.41 N | 69.01 1.05 -1.54 N | 61.52 0.86 -0.68 N | 54.88 0.63 -0.58 N |
| SYRACUSE___POWER 24017 | 39.77 0.68 -2.05 N | 63.02 0.94 -1.55 N | 55.70 0.68 -5.27 N | 51.25 0.59 -2.21 N | 56.97 0.95 0.00 N | 57.61 1.05 0.00 N | 87.42 2.01 0.00 N | 96.50 2.80 0.00 N | 78.45 -1.10 -102.20 N | 69.48 2.02 -8.97 N | 66.31 1.97 -6.77 N | 79.95 2.39 -5.92 N | 83.71 2.28 -3.14 N | 79.12 1.97 -8.17 N | 87.60 2.17 -1.12 N | 76.07 1.74 -2.12 N | 68.88 1.56 -0.52 N | 73.38 1.53 -1.36 N | 74.29 1.57 -8.24 N | 70.75 1.50 -16.42 N | 74.51 2.12 -1.43 N | 69.59 1.61 -1.57 N | 61.94 1.27 -0.69 N | 55.17 0.91 -0.59 N |
| Stony___Brook 24151 | 57.50 4.40 -16.06 N | 79.49 6.84 -12.12 N | 96.47 5.50 -41.22 N | 70.94 5.19 -17.30 N | 62.15 6.13 0.00 N | 63.19 6.63 0.00 N | 96.64 11.23 0.00 N | 110.93 14.28 -2.95 N | 96.40 -5.61 -124.66 N | 96.06 9.59 -27.97 N | 116.85 8.72 -50.56 N | 125.72 10.14 -43.94 N | 113.36 11.64 -23.43 N | 120.62 9.74 -41.89 N | 104.99 12.31 -8.37 N | 99.22 11.19 -15.82 N | 81.02 10.31 -3.91 N | 91.81 11.19 -10.14 N | 136.34 10.33 -61.52 N | 183.64 8.21 -122.61 N | 91.67 10.04 -10.67 N | 87.32 9.41 -11.50 N | 72.65 7.62 -5.05 N | 64.49 6.49 -4.34 N |
| UNION___PROCESSING_DRP 323587 | 37.66 -1.35 -1.97 N | 59.61 -2.40 -1.49 N | 52.60 -2.20 -5.06 N | 48.38 -2.19 -2.12 N | 53.93 -2.09 0.00 N | 54.53 -2.03 0.00 N | 82.21 -3.20 0.00 N | 90.03 -3.66 0.00 N | 83.29 1.33 -104.61 N | 65.59 -1.88 -8.98 N | 61.96 -2.04 -6.42 N | 74.68 -2.59 -5.62 N | 78.35 -2.91 -2.97 N | 74.19 -2.77 -7.97 N | 81.61 -3.75 -1.06 N | 70.94 -3.28 -2.01 N | 64.27 -3.03 -0.50 N | 68.50 -3.28 -1.29 N | 69.42 -2.88 -7.82 N | 66.24 -2.17 -15.58 N | 70.12 -2.20 -1.36 N | 65.22 -2.69 -1.49 N | 58.24 -2.40 -0.66 N | 52.14 -2.09 -0.56 N |
| UPPER HUDSON___HYD 24058 | 58.09 0.00 -21.06 N | 76.88 0.45 -15.90 N | 104.43 0.63 -54.04 N | 71.65 0.51 -22.68 N | 56.57 0.55 0.00 N | 57.38 0.82 0.00 N | 86.50 1.09 0.00 N | 95.62 1.92 0.00 N | 100.44 -1.15 -124.24 N | 61.03 0.74 -1.79 N | 43.37 0.75 14.94 N | 84.58 1.20 -11.75 N | 72.63 1.26 6.92 N | 62.61 1.19 7.56 N | 83.54 1.71 2.48 N | 71.33 1.52 2.40 N | 66.75 1.12 1.17 N | 68.74 1.29 3.03 N | 46.74 0.66 18.40 N | 16.67 0.51 36.66 N | 68.78 1.02 3.19 N | 81.98 1.70 -13.87 N | 67.10 1.03 -6.08 N | 59.71 0.82 -5.23 N |
| UPPER RAQUET___HYD 24056 | 34.22 -2.82 0.00 N | 55.99 -4.54 0.00 N | 46.15 -3.60 0.00 N | 45.10 -3.35 0.00 N | 52.05 -3.97 0.00 N | 52.51 -4.05 0.00 N | 79.70 -5.71 0.00 N | 86.75 -6.95 0.00 N | 24.39 1.36 -45.68 N | 57.12 -4.16 -2.79 N | 53.79 -3.78 0.00 N | 67.43 -4.21 0.00 N | 73.58 3.62 0.00 N | 65.96 -4.39 -1.37 N | 79.21 -5.09 0.00 N | 67.90 -4.31 0.00 N | 62.92 -3.88 0.00 N | 66.43 -4.06 0.00 N | 60.93 -3.54 0.00 N | 49.86 -2.97 0.00 N | 66.96 -4.00 0.00 N | 62.40 -4.01 0.00 N | 56.36 -3.62 0.00 N | 50.53 -3.14 0.00 N |
| VISCHER___FERRY HYD 24020 | 58.77 1.41 -20.32 N | 78.35 2.48 -15.34 N | 103.80 1.90 -52.15 N | 72.19 1.85 -21.89 N | 58.36 2.34 0.00 N | 59.12 2.56 0.00 N | 89.04 3.63 0.00 N | 98.15 4.46 0.00 N | 99.90 -1.99 -124.53 N | 61.30 2.71 -0.10 N | 41.06 2.70 19.21 N | 83.98 3.48 -8.86 N | 73.27 3.89 8.90 N | 61.83 3.62 10.77 N | 85.60 4.49 3.20 N | 72.36 3.94 3.79 N | 68.67 3.40 1.53 N | 70.30 3.79 3.98 N | 43.44 3.10 24.14 N | 7.35 2.63 48.11 N | 70.31 3.54 4.19 N | 83.66 3.78 -13.47 N | 68.91 3.02 -5.91 N | 61.39 2.64 -5.08 N |
| WADING RIVER_IC_1 23522 | 57.28 4.18 -16.06 N | 79.37 6.72 -12.12 N | 96.46 5.49 -41.22 N | 70.94 5.18 -17.30 N | 62.15 6.12 0.00 N | 63.06 6.50 0.00 N | 96.44 11.03 0.00 N | 110.44 13.79 -2.95 N | 96.61 -5.40 -124.66 N | 95.61 9.14 -27.97 N | 116.42 8.29 -50.56 N | 125.00 9.42 -43.94 N | 112.55 10.83 -23.43 N | 119.87 8.99 -41.89 N | 104.07 11.40 -8.37 N | 98.46 10.42 -15.82 N | 80.31 9.59 -3.91 N | 91.05 10.43 -10.14 N | 135.63 9.63 -61.52 N | 183.09 7.65 -122.61 N | 90.96 9.33 -10.67 N | 86.65 8.74 -11.50 N | 72.01 6.99 -5.05 N | 63.89 5.88 -4.34 N |
| WADING RIVER_IC_2 23547 | 57.28 4.18 -16.06 N | 79.37 6.72 -12.12 N | 96.46 5.49 -41.22 N | 70.94 5.18 -17.30 N | 62.15 6.12 0.00 N | 63.06 6.50 0.00 N | 96.44 11.03 0.00 N | 110.44 13.79 -2.95 N | 96.61 -5.40 -124.66 N | 95.61 9.14 -27.97 N | 116.42 8.29 -50.56 N | 125.00 9.42 -43.94 N | 112.55 10.83 -23.43 N | 119.87 8.99 -41.89 N | 104.07 11.40 -8.37 N | 98.46 10.42 -15.82 N | 80.31 9.59 -3.91 N | 91.05 10.43 -10.14 N | 135.63 9.63 -61.52 N | 183.09 7.65 -122.61 N | 90.96 9.33 -10.67 N | 86.65 8.74 -11.50 N | 72.01 6.99 -5.05 N | 63.89 5.88 -4.34 N |
| WADING RIVER_IC_3 23601 | 57.28 4.18 -16.06 N | 79.37 6.72 -12.12 N | 96.46 5.49 -41.22 N | 70.94 5.18 -17.30 N | 62.15 6.12 0.00 N | 63.06 6.50 0.00 N | 96.44 11.03 0.00 N | 110.44 13.79 -2.95 N | 96.61 -5.40 -124.66 N | 95.61 9.14 -27.97 N | 116.42 8.29 -50.56 N | 125.00 9.42 -43.94 N | 112.55 10.83 -23.43 N | 119.87 8.99 -41.89 N | 104.07 11.40 -8.37 N | 98.46 10.42 -15.82 N | 80.31 9.59 -3.91 N | 91.05 10.43 -10.14 N | 135.63 9.63 -61.52 N | 183.09 7.65 -122.61 N | 90.96 9.33 -10.67 N | 86.65 8.74 -11.50 N | 72.01 6.99 -5.05 N | 63.89 5.88 -4.34 N |
| WALDEN___HYDRO 24148 | 55.77 3.18 -15.56 N | 77.23 4.95 -11.74 N | 93.56 3.89 -39.93 N | 68.87 3.66 -16.76 N | 60.36 4.34 0.00 N | 61.18 4.62 0.00 N | 93.11 7.70 0.00 N | 103.42 9.72 0.00 N | 97.31 -4.62 -124.58 N | 91.53 7.04 -26.00 N | 109.76 6.54 -45.64 N | 120.79 8.14 -41.00 N | 108.38 9.01 -21.08 N | 115.23 8.19 -38.06 N | 101.90 10.06 -7.53 N | 95.21 8.65 -14.36 N | 77.99 7.67 -3.51 N | 87.89 8.29 -9.12 N | 127.43 7.44 -55.51 N | 169.67 6.21 -110.64 N | 88.74 8.15 -9.63 N | 85.41 7.68 -11.31 N | 71.21 6.27 -4.96 N | 63.14 5.20 -4.27 N |

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