

Time Weighted/Integrated Real Time LBMP- Generator

| --- LBMP \$ | | --- Marginal Cost of Losses | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | --- Scarcity Pricing In Effect (Y/N) | | | | | | | | 01/20/2008 | | |
|-------------------------------|--------|-----------------------------|--------|--------|-------|---------|--------|--------|-------|---------------------------------|---------|---------|---------|--------|--------|--------|--------|--------------------------------------|--------|--------|--------|--------|--------|--------|-------|------------|--|--|
| Generator Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | PTID | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 | | | |
| 59TH STREET_GT_1 24138 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | | | |
| | 44.28 | 97.91 | 47.50 | 28.76 | 18.71 | 100.61 | 98.54 | 57.92 | 37.63 | 100.37 | 119.41 | 111.08 | 114.89 | 69.53 | 102.32 | 112.07 | 100.68 | 108.44 | 115.09 | 109.18 | 113.07 | 156.23 | 120.66 | 122.26 | | | | |
| | 2.06 | -0.33 | 1.68 | 0.52 | 0.75 | -0.47 | 1.62 | 2.35 | 3.17 | 1.78 | 2.26 | 2.02 | 3.07 | 3.19 | 2.73 | 10.13 | 8.92 | 9.43 | 9.96 | 9.85 | 10.81 | 8.75 | 4.65 | 4.25 | | | | |
| | -18.06 | -102.34 | -25.28 | -21.01 | -7.66 | -107.73 | -76.53 | -28.08 | 0.00 | -80.32 | -95.51 | -89.73 | -83.56 | -36.75 | -73.13 | 2.07 | 0.88 | 0.00 | 0.00 | 0.00 | 0.44 | -67.63 | -71.29 | -76.05 | | | | |
| | 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 | | | |
| 74TH STREET_GT_1 24260 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | | | |
| | 44.29 | 97.92 | 47.51 | 28.76 | 18.71 | 100.62 | 98.55 | 57.92 | 37.63 | 100.38 | 119.42 | 111.09 | 114.90 | 69.54 | 102.33 | 112.08 | 100.68 | 108.42 | 115.09 | 109.18 | 113.04 | 156.20 | 120.64 | 122.26 | | | | |
| | 2.06 | -0.33 | 1.69 | 0.52 | 0.74 | -0.47 | 1.62 | 2.35 | 3.18 | 1.78 | 2.26 | 2.02 | 3.07 | 3.20 | 2.73 | 10.14 | 8.92 | 9.41 | 9.96 | 9.85 | 10.78 | 8.71 | 4.62 | 4.23 | | | | |
| | -18.07 | -102.36 | -25.28 | -21.02 | -7.66 | -107.75 | -76.54 | -28.08 | 0.00 | -80.33 | -95.53 | -89.74 | -83.57 | -36.75 | -73.14 | 2.07 | 0.88 | 0.00 | 0.00 | 0.00 | 0.44 | -67.64 | -71.30 | -76.06 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| 74TH STREET_GT_2 24261 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | | | |
| | 44.29 | 97.92 | 47.51 | 28.76 | 18.71 | 100.62 | 98.55 | 57.92 | 37.63 | 100.38 | 119.42 | 111.09 | 114.90 | 69.54 | 102.33 | 112.08 | 100.68 | 108.42 | 115.09 | 109.18 | 113.04 | 156.20 | 120.64 | 122.26 | | | | |
| | 2.06 | -0.33 | 1.69 | 0.52 | 0.74 | -0.47 | 1.62 | 2.35 | 3.18 | 1.78 | 2.26 | 2.02 | 3.07 | 3.20 | 2.73 | 10.14 | 8.92 | 9.41 | 9.96 | 9.85 | 10.78 | 8.71 | 4.62 | 4.23 | | | | |
| | -18.07 | -102.36 | -25.28 | -21.02 | -7.66 | -107.75 | -76.54 | -28.08 | 0.00 | -80.33 | -95.53 | -89.74 | -83.57 | -36.75 | -73.14 | 2.07 | 0.88 | 0.00 | 0.00 | 0.00 | 0.44 | -67.64 | -71.30 | -76.06 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| ADK HUDSON___FALLS 24011 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | | | |
| | 48.43 | 128.74 | 54.08 | 34.79 | 20.62 | 133.09 | 120.72 | 65.32 | 36.27 | 123.74 | 147.11 | 137.03 | 138.77 | 79.14 | 123.37 | 108.87 | 97.11 | 104.73 | 111.04 | 105.12 | 108.71 | 173.24 | 140.25 | 143.05 | | | | |
| | 0.79 | -0.19 | 0.68 | 0.25 | 0.35 | -0.30 | 0.86 | 1.33 | 1.81 | 1.07 | 1.32 | 1.05 | 1.70 | 1.68 | 1.66 | 6.58 | 5.20 | 5.71 | 5.90 | 5.79 | 6.31 | 5.31 | 2.68 | 2.23 | | | | |
| | -23.48 | -133.04 | -32.86 | -27.32 | -9.96 | -140.04 | -99.48 | -36.50 | 0.00 | -104.41 | -124.16 | -116.64 | -108.81 | -47.86 | -95.26 | 1.71 | 0.73 | 0.00 | 0.00 | 0.00 | 0.31 | -88.08 | -92.86 | -98.85 | | | | |
| | 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 | | | |
| ADK RESOURCE___RCVRY 23798 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | | | |
| | 48.43 | 128.74 | 54.08 | 34.79 | 20.62 | 133.09 | 120.72 | 65.32 | 36.27 | 123.74 | 147.11 | 137.03 | 138.77 | 79.14 | 123.37 | 108.87 | 97.11 | 104.73 | 111.04 | 105.12 | 108.71 | 173.24 | 140.25 | 143.05 | | | | |
| | 0.79 | -0.19 | 0.68 | 0.25 | 0.35 | -0.30 | 0.86 | 1.33 | 1.81 | 1.07 | 1.32 | 1.05 | 1.70 | 1.68 | 1.66 | 6.58 | 5.20 | 5.71 | 5.90 | 5.79 | 6.31 | 5.31 | 2.68 | 2.23 | | | | |
| | -23.48 | -133.04 | -32.86 | -27.32 | -9.96 | -140.04 | -99.48 | -36.50 | 0.00 | -104.41 | -124.16 | -116.64 | -108.81 | -47.86 | -95.26 | 1.71 | 0.73 | 0.00 | 0.00 | 0.00 | 0.31 | -88.08 | -92.86 | -98.85 | | | | |
| | 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 | | | |
| ADK S GLENS___FALLS 24028 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | | | |
| | 48.43 | 128.74 | 54.08 | 34.79 | 20.62 | 133.09 | 120.72 | 65.32 | 36.27 | 123.74 | 147.11 | 137.03 | 138.77 | 79.14 | 123.37 | 108.87 | 97.11 | 104.73 | 111.04 | 105.12 | 108.71 | 173.24 | 140.25 | 143.05 | | | | |
| | 0.79 | -0.19 | 0.68 | 0.25 | 0.35 | -0.30 | 0.86 | 1.33 | 1.81 | 1.07 | 1.32 | 1.05 | 1.70 | 1.68 | 1.66 | 6.58 | 5.20 | 5.71 | 5.90 | 5.79 | 6.31 | 5.31 | 2.68 | 2.23 | | | | |
| | -23.48 | -133.04 | -32.86 | -27.32 | -9.96 | -140.04 | -99.48 | -36.50 | 0.00 | -104.41 | -124.16 | -116.64 | -108.81 | -47.86 | -95.26 | 1.71 | 0.73 | 0.00 | 0.00 | 0.00 | 0.31 | -88.08 | -92.86 | -98.85 | | | | |
| | 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 | | | |
| ADK_NYS___DAM 23527 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | | | |
| | 48.56 | 125.22 | 53.72 | 34.24 | 20.57 | 129.37 | 118.58 | 64.89 | 36.90 | 121.35 | 144.25 | 134.47 | 136.64 | 78.53 | 121.43 | 110.74 | 98.62 | 106.21 | 112.41 | 106.55 | 110.28 | 172.42 | 138.93 | 141.60 | | | | |
| | 1.52 | -0.29 | 1.17 | 0.41 | 0.56 | -0.42 | 1.27 | 1.84 | 2.45 | 1.36 | 1.65 | 1.49 | 2.36 | 2.30 | 2.17 | 8.46 | 6.72 | 7.19 | 7.27 | 7.22 | 7.88 | 6.75 | 3.75 | 3.32 | | | | |
| | -22.88 | -129.62 | -32.02 | -26.62 | -9.70 | -136.45 | -96.93 | -35.56 | 0.00 | -101.73 | -120.97 | -113.64 | -106.02 | -46.63 | -92.81 | 1.73 | 0.73 | 0.00 | 0.00 | 0.00 | 0.31 | -85.82 | -90.46 | -96.32 | | | | |
| | 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 | | | |
| AIR_PRODUCTS___DRP 24190 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | | | |
| | 48.48 | 125.45 | 53.79 | 34.27 | 20.59 | 129.58 | 118.64 | 64.81 | 36.70 | 121.33 | 144.22 | 134.42 | 136.38 | 78.28 | 121.20 | 109.04 | 97.58 | 104.98 | 111.28 | 105.39 | 108.94 | 171.24 | 138.49 | 141.29 | | | | |
| | 1.41 | -0.23 | 1.19 | 0.40 | 0.57 | -0.39 | 1.20 | 1.71 | 2.25 | 1.20 | 1.46 | 1.29 | 1.92 | 1.97 | 1.77 | 6.76 | 5.68 | 5.97 | 6.14 | 6.05 | 6.55 | 5.41 | 3.14 | 2.89 | | | | |
| | -22.91 | -129.79 | -32.06 | -26.65 | -9.72 | -136.63 | -97.06 | -35.61 | 0.00 | -101.87 | -121.13 | -113.79 | -106.20 | -46.71 | -92.97 | 1.73 | 0.73 | 0.00 | 0.00 | 0.00 | 0.31 | -85.97 | -90.63 | -96.44 | | | | |
| | 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 | | | |
| ALBANY___1 23571 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | | | |
| | 48.48 | 125.45 | 53.79 | 34.27 | 20.59 | 129.58 | 118.64 | 64.81 | 36.70 | 121.33 | 144.22 | 134.42 | 136.38 | 78.28 | 121.20 | 109.04 | 97.58 | 104.98 | 111.28 | 105.39 | 108.94 | 171.24 | 138.49 | 141.29 | | | | |
| | 1.41 | -0.23 | 1.19 | 0.40 | 0.57 | -0.39 | 1.20 | 1.71 | 2.25 | 1.20 | 1.46 | 1.29 | 1.92 | 1.97 | 1.77 | 6.76 | 5.68 | 5.97 | 6.14 | 6.05 | 6.55 | 5.41 | 3.14 | 2.89 | | | | |
| | -22.91 | -129.79 | -32.06 | -26.65 | -9.72 | -136.63 | -97.06 | -35.61 | 0.00 | -101.87 | -121.13 | -113.79 | -106.20 | -46.71 | -92.97 | 1.73 | 0.73 | 0.00 | 0.00 | 0.00 | 0.31 | -85.97 | -90.63 | -96.44 | | | | |
| | 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 | | | |
| ALBANY___2 23572 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | | | |
| | 48.48 | 125.45 | 53.79 | 34.27 | 20.59 | 129.58 | 118.64 | 64.81 | 36.70 | 121.33 | 144.22 | 134.42 | 136.38 | 78.28 | 121.20 | 109.04 | 97.58 | 104.98 | 111.28 | 105.39 | 108.94 | 171.24 | 138.49 | 141.29 | | | | |
| | 1.41 | -0.23 | 1.19 | 0.40 | 0.57 | -0.39 | 1.20 | 1.71 | 2.25 | 1.20 | 1.46 | 1.29 | 1.92 | 1.97 | 1.77 | 6.76 | 5.68 | 5.97 | 6.14 | 6.05 | 6.55 | 5.41 | 3.14 | 2.89 | | | | |
| | -22.91 | -129.79 | -32.06 | -26.65 | -9.72 | -136.63 | -97.06 | -35.61 | 0.00 | -101.87 | -121.13 | -113.79 | -106.20 | -46.71 | -92.97 | 1.73 | 0.73 | 0.00 | 0.00 | 0.00 | 0.31 | -85.97 | -90.63 | -96.44 | | | | |
| | 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 | | | |
| ALBANY___3 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | | | |
| | 48.48 | 125.45 | 53.79 | 34.27 | 20.59 | 129.58 | 118.64 | 64.81 | 36.70 | 121.33 | 144.22 | 134.42 | 136.38 | 78.28 | 121.20 | 109.04 | 97.58 | 104.98 | 111.28 | 105.39 | 108.94 | 171.24 | 138.49 | 141.29 | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 23573 | 1.41 -22.91 N | -0.23 -129.79 N | 1.19 -32.06 N | 0.40 -26.65 N | 0.57 -9.72 N | -0.39 -136.63 N | 1.20 -97.06 N | 1.71 -35.61 N | 2.25 0.00 N | 1.20 -101.87 N | 1.46 -121.13 N | 1.29 -113.79 N | 1.92 -106.20 N | 1.97 -46.71 N | 1.77 -92.97 N | 6.76 1.73 N | 5.68 0.73 N | 5.97 0.00 N | 6.14 0.00 N | 6.05 0.00 N | 6.55 0.31 N | 5.41 -85.97 N | 3.14 -90.63 N | 2.89 -96.44 N |
| ALBANY____4 23574 | 48.48 1.41 -22.91 N | 125.45 -0.23 -129.79 N | 53.79 1.19 -32.06 N | 34.27 0.40 -26.65 N | 20.59 0.57 -9.72 N | 129.58 -0.39 -136.63 N | 118.64 1.20 -97.06 N | 64.81 1.71 -35.61 N | 36.70 2.25 0.00 N | 121.33 1.20 -101.87 N | 144.22 1.46 -121.13 N | 134.42 1.29 -113.79 N | 136.38 1.92 -106.20 N | 78.28 1.97 -46.71 N | 121.20 1.77 -92.97 N | 109.04 6.76 1.73 N | 97.58 5.68 0.73 N | 104.98 5.97 0.00 N | 111.28 6.14 0.00 N | 105.39 6.05 0.00 N | 108.94 6.55 0.31 N | 171.24 5.41 -85.97 N | 138.49 3.14 -90.63 N | 141.29 2.89 -96.44 N |
| ALCOA_RYNLDS____DRP 24188 | 23.76 -0.40 0.00 N | -4.05 0.06 0.00 N | 20.19 -0.34 0.00 N | 7.12 -0.09 0.00 N | 10.17 -0.13 0.00 N | -6.56 0.10 0.00 N | 20.05 -0.34 0.00 N | 27.06 -0.43 0.00 N | 33.87 -0.59 0.00 N | 17.96 -0.30 0.00 N | 21.20 -0.43 0.00 N | 19.01 -0.33 0.00 N | 27.80 -0.45 0.00 N | 29.15 -0.45 0.00 N | 26.14 -0.32 0.00 N | 102.25 -0.65 1.11 N | 91.72 -0.45 0.47 N | 98.56 -0.46 0.00 N | 104.70 -0.43 0.00 N | 98.52 -0.81 0.00 N | 101.57 -0.93 0.20 N | 78.83 -1.02 0.00 N | 44.01 -0.71 0.00 N | 41.14 -0.83 0.00 N |
| ALLEGHENY____COGEN 23514 | 27.25 -0.31 -3.40 N | 15.25 0.07 -19.29 N | 24.94 -0.35 -4.76 N | 11.03 -0.15 -3.96 N | 11.48 -0.26 -1.44 N | 13.82 0.17 -20.30 N | 34.23 -0.57 -14.42 N | 31.88 -0.91 -5.29 N | 33.56 -0.90 0.00 N | 32.78 -0.62 -15.14 N | 39.08 -0.55 -18.00 N | 35.64 -0.61 -16.91 N | 43.13 -0.88 -15.76 N | 35.62 -0.92 -6.94 N | 39.18 -1.10 -13.83 N | 86.26 -4.59 13.15 N | 83.58 -3.46 5.60 N | 96.57 -2.44 0.00 N | 102.70 -2.43 0.00 N | 96.78 -2.56 0.00 N | 91.11 -3.63 7.97 N | 90.42 -2.21 -12.78 N | 57.05 -1.15 -13.48 N | 55.80 -0.54 -14.37 N |
| AMERICAN_REF_FUEL 24010 | 25.01 -2.25 -3.11 N | 13.79 0.31 -17.60 N | 22.93 -1.95 -4.35 N | 10.18 -0.66 -3.61 N | 10.61 -1.01 -1.32 N | 12.56 0.70 -18.52 N | 31.15 -2.39 -13.16 N | 28.80 -3.52 -4.83 N | 30.15 -4.30 0.00 N | 29.46 -2.61 -13.81 N | 35.07 -2.99 -16.42 N | 31.97 -2.79 -15.43 N | 38.61 -4.02 -14.38 N | 31.74 -4.19 -6.33 N | 35.00 -4.07 -12.61 N | 74.27 -16.16 13.58 N | 73.13 -13.72 5.78 N | 85.35 -13.66 0.00 N | 90.38 -14.75 0.00 N | 85.22 -14.11 0.00 N | 79.97 -15.51 7.21 N | 80.44 -11.07 -11.66 N | 51.18 -5.83 -12.29 N | 50.75 -4.32 -13.10 N |
| ARTHUR_KILL_GT_1 23520 | 44.21 1.98 -18.07 N | 97.94 -0.31 -102.36 N | 47.44 1.62 -25.28 N | 28.74 0.50 -21.02 N | 18.67 0.70 -7.66 N | 100.65 -0.44 -107.75 N | 98.47 1.55 -76.54 N | 57.84 2.27 -28.08 N | 37.50 3.05 0.00 N | 100.34 1.74 -80.33 N | 119.39 2.23 -95.53 N | 111.07 1.99 -89.74 N | 114.88 3.06 -83.57 N | 69.49 3.15 -36.75 N | 102.20 2.60 -73.14 N | 111.59 9.66 2.07 N | 100.40 8.64 0.88 N | 108.12 9.10 -0.01 N | 114.75 9.61 -0.01 N | 108.87 9.53 -0.01 N | 112.67 10.41 0.44 N | 155.91 8.42 -67.64 N | 120.46 4.44 -71.30 N | 122.04 4.02 -76.06 N |
| ARTHUR_KILL_2 23512 | 44.21 1.98 -18.07 N | 97.94 -0.31 -102.36 N | 47.44 1.62 -25.28 N | 28.74 0.50 -21.02 N | 18.67 0.70 -7.66 N | 100.65 -0.44 -107.75 N | 98.47 1.55 -76.54 N | 57.84 2.27 -28.08 N | 37.50 3.05 0.00 N | 100.34 1.74 -80.33 N | 119.39 2.23 -95.53 N | 111.07 1.99 -89.74 N | 114.88 3.06 -83.57 N | 69.49 3.15 -36.75 N | 102.20 2.60 -73.14 N | 111.59 9.66 2.07 N | 100.40 8.64 0.88 N | 108.12 9.10 -0.01 N | 114.75 9.61 -0.01 N | 108.87 9.53 -0.01 N | 112.67 10.41 0.44 N | 155.91 8.42 -67.64 N | 120.46 4.44 -71.30 N | 122.04 4.02 -76.06 N |
| ARTHUR_KILL_3 23513 | 44.15 1.93 -18.07 N | 97.94 -0.30 -102.35 N | 47.39 1.57 -25.28 N | 28.72 0.48 -21.02 N | 18.65 0.68 -7.66 N | 100.65 -0.43 -107.74 N | 98.44 1.52 -76.54 N | 57.78 2.21 -28.08 N | 37.43 2.98 0.00 N | 100.27 1.69 -80.33 N | 119.31 2.16 -95.52 N | 111.00 1.93 -89.73 N | 114.78 2.96 -83.56 N | 69.41 3.07 -36.75 N | 102.21 2.61 -73.14 N | 111.61 9.67 2.07 N | 100.29 8.53 0.88 N | 108.03 9.01 0.00 N | 114.60 9.47 0.00 N | 108.80 9.46 0.00 N | 112.82 10.56 0.44 N | 156.05 8.56 -67.63 N | 120.55 4.53 -71.29 N | 122.13 4.11 -76.05 N |
| ASHOKAN____ 23654 | 45.86 2.18 -19.52 N | 106.12 -0.35 -110.58 N | 49.70 1.85 -27.31 N | 30.54 0.61 -22.71 N | 19.45 0.87 -8.28 N | 109.18 -0.57 -116.40 N | 104.90 1.83 -82.69 N | 60.44 2.61 -30.34 N | 37.93 3.47 0.00 N | 106.94 1.90 -86.79 N | 127.20 2.37 -103.20 N | 118.38 2.10 -96.94 N | 120.47 3.01 -89.19 N | 71.89 3.12 -39.18 N | 107.15 2.73 -77.97 N | 112.34 10.32 1.99 N | 100.91 9.11 0.85 N | 108.98 9.97 0.00 N | 115.80 10.66 0.00 N | 109.67 10.33 0.00 N | 113.30 11.02 0.42 N | 160.77 8.81 -72.10 N | 125.56 4.83 -76.01 N | 128.60 4.46 -82.16 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |
| ASTORIA_GT2_1 24094 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |
| ASTORIA_GT2_2 24095 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |
| ASTORIA_GT2_3 24096 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|
| ASTORIA_GT2_4 24097 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |
| ASTORIA_GT3_1 24098 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |
| ASTORIA_GT3_2 24099 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |
| ASTORIA_GT3_3 24100 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |
| ASTORIA_GT3_4 24101 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |
| ASTORIA_GT4_1 24102 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |
| ASTORIA_GT4_2 24103 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |
| ASTORIA_GT4_3 24104 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |
| ASTORIA_GT4_4 24105 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |
| ASTORIA_GT_1 23523 | 440.43 2.08 -414.20 N | 144.62 -0.34 -149.07 N | 144.44 1.74 -122.16 N | 150.52 0.54 -142.75 N | 150.39 0.76 -139.32 N | 138.16 -0.47 -145.29 N | 240.18 1.65 -218.15 N | 143.14 2.40 -113.26 N | 323.05 3.19 -285.41 N | 206.28 1.82 -186.20 N | 141.32 2.33 -117.36 N | 330.57 2.03 -309.20 N | 207.80 3.09 -176.46 N | 290.42 3.22 -257.60 N | 277.03 2.71 -247.87 N | 360.87 10.12 -246.75 N | 330.22 8.95 -228.63 N | 415.42 9.36 -307.05 N | 361.63 9.89 -246.61 N | 367.42 9.77 -258.32 N | 314.54 10.78 -201.05 N | 327.84 8.76 -239.23 N | 378.35 4.59 -329.04 N | 485.54 4.25 -439.33 N |
| ASTORIA_GT_10 24110 | 44.31 2.08 -18.07 N | 97.91 -0.34 -102.36 N | 47.54 1.72 -25.28 N | 28.77 0.53 -21.02 N | 18.72 0.75 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.64 -76.54 N | 57.95 2.38 -28.08 N | 37.65 3.20 0.00 N | 100.37 1.78 -80.33 N | 119.43 2.27 -95.53 N | 111.09 2.01 -89.74 N | 114.88 3.06 -83.57 N | 69.55 3.21 -36.75 N | 102.31 2.71 -73.14 N | 111.98 10.04 2.07 N | 100.58 8.83 0.88 N | 108.30 9.29 0.00 N | 114.93 9.79 0.00 N | 109.00 9.67 0.00 N | 112.85 10.60 0.44 N | 156.06 8.57 -67.64 N | 120.53 4.52 -71.30 N | 122.21 4.19 -76.06 N |
| ASTORIA_GT_11 24225 | 44.31 2.08 -18.07 N | 97.91 -0.34 -102.36 N | 47.54 1.72 -25.28 N | 28.77 0.53 -21.02 N | 18.72 0.75 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.64 -76.54 N | 57.95 2.38 -28.08 N | 37.65 3.20 0.00 N | 100.37 1.78 -80.33 N | 119.43 2.27 -95.53 N | 111.09 2.01 -89.74 N | 114.88 3.06 -83.57 N | 69.55 3.21 -36.75 N | 102.31 2.71 -73.14 N | 111.98 10.04 2.07 N | 100.58 8.83 0.88 N | 108.30 9.29 0.00 N | 114.93 9.79 0.00 N | 109.00 9.67 0.00 N | 112.85 10.60 0.44 N | 156.06 8.57 -67.64 N | 120.53 4.52 -71.30 N | 122.21 4.19 -76.06 N |
| ASTORIA_GT_12 24226 | 44.31 2.08 -18.07 N | 97.91 -0.34 -102.36 N | 47.54 1.72 -25.28 N | 28.77 0.53 -21.02 N | 18.72 0.75 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.64 -76.54 N | 57.95 2.38 -28.08 N | 37.65 3.20 0.00 N | 100.37 1.78 -80.33 N | 119.43 2.27 -95.53 N | 111.09 2.01 -89.74 N | 114.88 3.06 -83.57 N | 69.55 3.21 -36.75 N | 102.31 2.71 -73.14 N | 111.98 10.04 2.07 N | 100.58 8.83 0.88 N | 108.30 9.29 0.00 N | 114.93 9.79 0.00 N | 109.00 9.67 0.00 N | 112.85 10.60 0.44 N | 156.06 8.57 -67.64 N | 120.53 4.52 -71.30 N | 122.21 4.19 -76.06 N |
| ASTORIA_GT_13 24227 | 44.31 2.08 -18.07 N | 97.91 -0.34 -102.36 N | 47.54 1.72 -25.28 N | 28.77 0.53 -21.02 N | 18.72 0.75 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.64 -76.54 N | 57.95 2.38 -28.08 N | 37.65 3.20 0.00 N | 100.37 1.78 -80.33 N | 119.43 2.27 -95.53 N | 111.09 2.01 -89.74 N | 114.88 3.06 -83.57 N | 69.55 3.21 -36.75 N | 102.31 2.71 -73.14 N | 111.98 10.04 2.07 N | 100.58 8.83 0.88 N | 108.30 9.29 0.00 N | 114.93 9.79 0.00 N | 109.00 9.67 0.00 N | 112.85 10.60 0.44 N | 156.06 8.57 -67.64 N | 120.53 4.52 -71.30 N | 122.21 4.19 -76.06 N |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|---|
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ASTORIA_GT_5 | 440.43 | 144.62 | 144.44 | 150.52 | 150.39 | 138.16 | 240.18 | 143.14 | 323.05 | 206.28 | 141.32 | 330.57 | 207.80 | 290.42 | 277.03 | 360.87 | 330.22 | 415.42 | 361.63 | 367.42 | 314.54 | 327.84 | 378.35 | 485.54 | | |
| 24106 | 2.08 | -0.34 | 1.74 | 0.54 | 0.76 | -0.47 | 1.65 | 2.40 | 3.19 | 1.82 | 2.33 | 2.03 | 3.09 | 3.22 | 2.71 | 10.12 | 8.95 | 9.36 | 9.89 | 9.77 | 10.78 | 8.76 | 4.59 | 4.25 | | |
| | -414.20 | -149.07 | -122.16 | -142.75 | -139.32 | -145.29 | -218.15 | -113.26 | -285.41 | -186.20 | -117.36 | -309.20 | -176.46 | -257.60 | -247.87 | -246.75 | -228.63 | -307.05 | -246.61 | -258.32 | -201.05 | -239.23 | -329.04 | -439.33 | | |
| | 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_7 | 440.43 | 144.62 | 144.44 | 150.52 | 150.39 | 138.16 | 240.18 | 143.14 | 323.05 | 206.28 | 141.32 | 330.57 | 207.80 | 290.42 | 277.03 | 360.87 | 330.22 | 415.42 | 361.63 | 367.42 | 314.54 | 327.84 | 378.35 | 485.54 | | |
| 24107 | 2.08 | -0.34 | 1.74 | 0.54 | 0.76 | -0.47 | 1.65 | 2.40 | 3.19 | 1.82 | 2.33 | 2.03 | 3.09 | 3.22 | 2.71 | 10.12 | 8.95 | 9.36 | 9.89 | 9.77 | 10.78 | 8.76 | 4.59 | 4.25 | | |
| | -414.20 | -149.07 | -122.16 | -142.75 | -139.32 | -145.29 | -218.15 | -113.26 | -285.41 | -186.20 | -117.36 | -309.20 | -176.46 | -257.60 | -247.87 | -246.75 | -228.63 | -307.05 | -246.61 | -258.32 | -201.05 | -239.23 | -329.04 | -439.33 | | |
| | 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_8 | 440.43 | 144.62 | 144.44 | 150.52 | 150.39 | 138.16 | 240.18 | 143.14 | 323.05 | 206.28 | 141.32 | 330.57 | 207.80 | 290.42 | 277.03 | 360.87 | 330.22 | 415.42 | 361.63 | 367.42 | 314.54 | 327.84 | 378.35 | 485.54 | | |
| 24108 | 2.08 | -0.34 | 1.74 | 0.54 | 0.76 | -0.47 | 1.65 | 2.40 | 3.19 | 1.82 | 2.33 | 2.03 | 3.09 | 3.22 | 2.71 | 10.12 | 8.95 | 9.36 | 9.89 | 9.77 | 10.78 | 8.76 | 4.59 | 4.25 | | |
| | -414.20 | -149.07 | -122.16 | -142.75 | -139.32 | -145.29 | -218.15 | -113.26 | -285.41 | -186.20 | -117.36 | -309.20 | -176.46 | -257.60 | -247.87 | -246.75 | -228.63 | -307.05 | -246.61 | -258.32 | -201.05 | -239.23 | -329.04 | -439.33 | | |
| | 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___2 | 440.43 | 144.62 | 144.44 | 150.52 | 150.39 | 138.16 | 240.18 | 143.14 | 323.05 | 206.28 | 141.32 | 330.57 | 207.80 | 290.42 | 277.03 | 360.87 | 330.22 | 415.42 | 361.63 | 367.42 | 314.54 | 327.84 | 378.35 | 485.54 | | |
| 24149 | 2.08 | -0.34 | 1.74 | 0.54 | 0.76 | -0.47 | 1.65 | 2.40 | 3.19 | 1.82 | 2.33 | 2.03 | 3.09 | 3.22 | 2.71 | 10.12 | 8.95 | 9.36 | 9.89 | 9.77 | 10.78 | 8.76 | 4.59 | 4.25 | | |
| | -414.20 | -149.07 | -122.16 | -142.75 | -139.32 | -145.29 | -218.15 | -113.26 | -285.41 | -186.20 | -117.36 | -309.20 | -176.46 | -257.60 | -247.87 | -246.75 | -228.63 | -307.05 | -246.61 | -258.32 | -201.05 | -239.23 | -329.04 | -439.33 | | |
| | 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___3 | 44.31 | 97.91 | 47.54 | 28.77 | 18.72 | 100.62 | 98.57 | 57.95 | 37.65 | 100.37 | 119.43 | 111.09 | 114.88 | 69.55 | 102.31 | 111.98 | 100.58 | 108.30 | 114.93 | 109.00 | 112.85 | 156.06 | 120.53 | 122.21 | | |
| 23516 | 2.08 | -0.34 | 1.72 | 0.53 | 0.75 | -0.47 | 1.64 | 2.38 | 3.20 | 1.78 | 2.27 | 2.01 | 3.06 | 3.21 | 2.71 | 10.04 | 8.83 | 9.29 | 9.79 | 9.67 | 10.60 | 8.57 | 4.52 | 4.19 | | |
| | -18.07 | -102.36 | -25.28 | -21.02 | -7.66 | -107.75 | -76.54 | -28.08 | 0.00 | -80.33 | -95.53 | -89.74 | -83.57 | -36.75 | -73.14 | 2.07 | 0.88 | 0.00 | 0.00 | 0.00 | 0.44 | -67.64 | -71.30 | -76.06 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| ASTORIA___4 | 440.43 | 144.62 | 144.44 | 150.52 | 150.39 | 138.16 | 240.18 | 143.14 | 323.05 | 206.28 | 141.32 | 330.57 | 207.80 | 290.42 | 277.03 | 360.87 | 330.22 | 415.42 | 361.63 | 367.42 | 314.54 | 327.84 | 378.35 | 485.54 | | |
| 23517 | 2.08 | -0.34 | 1.74 | 0.54 | 0.76 | -0.47 | 1.65 | 2.40 | 3.19 | 1.82 | 2.33 | 2.03 | 3.09 | 3.22 | 2.71 | 10.12 | 8.95 | 9.36 | 9.89 | 9.77 | 10.78 | 8.76 | 4.59 | 4.25 | | |
| | -414.20 | -149.07 | -122.16 | -142.75 | -139.32 | -145.29 | -218.15 | -113.26 | -285.41 | -186.20 | -117.36 | -309.20 | -176.46 | -257.60 | -247.87 | -246.75 | -228.63 | -307.05 | -246.61 | -258.32 | -201.05 | -239.23 | -329.04 | -439.33 | | |
| | 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___5 | 440.43 | 144.62 | 144.44 | 150.52 | 150.39 | 138.16 | 240.18 | 143.14 | 323.05 | 206.27 | 141.32 | 330.57 | 207.80 | 290.42 | 277.03 | 360.86 | 330.20 | 415.42 | 361.63 | 367.42 | 314.53 | 327.84 | 378.34 | 485.54 | | |
| 23518 | 2.08 | -0.34 | 1.74 | 0.54 | 0.76 | -0.47 | 1.65 | 2.40 | 3.19 | 1.82 | 2.33 | 2.03 | 3.09 | 3.22 | 2.71 | 10.11 | 8.93 | 9.36 | 9.89 | 9.77 | 10.78 | 8.76 | 4.59 | 4.25 | | |
| | -414.20 | -149.07 | -122.16 | -142.75 | -139.32 | -145.29 | -218.15 | -113.26 | -285.41 | -186.20 | -117.36 | -309.20 | -176.46 | -257.60 | -247.87 | -246.75 | -228.63 | -307.05 | -246.61 | -258.32 | -201.05 | -239.23 | -329.04 | -439.33 | | |
| | 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 | |
| ATHENS_STG_1 | 45.41 | 108.71 | 49.58 | 30.80 | 19.29 | 111.99 | 105.97 | 60.02 | 36.46 | 108.06 | 128.48 | 119.63 | 122.37 | 72.07 | 108.89 | 108.03 | 96.85 | 104.19 | 110.56 | 104.75 | 108.30 | 159.56 | 126.32 | 128.57 | | |
| 23668 | 1.31 | -0.21 | 1.13 | 0.37 | 0.52 | -0.33 | 1.07 | 1.52 | 2.01 | 1.09 | 1.36 | 1.20 | 1.78 | 1.88 | 1.61 | 5.99 | 5.05 | 5.18 | 5.42 | 5.42 | 6.02 | 4.97 | 2.82 | 2.61 | | |
| | -19.95 | -113.03 | -27.92 | -23.21 | -8.46 | -118.98 | -84.52 | -31.01 | 0.00 | -88.71 | -105.48 | -99.09 | -92.33 | -40.60 | -80.82 | 1.96 | 0.84 | 0.00 | 0.00 | 0.00 | 0.42 | -74.73 | -78.78 | -83.99 | | |
| | 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 | |
| ATHENS_STG_2 | 45.41 | 108.71 | 49.58 | 30.80 | 19.29 | 111.99 | 105.97 | 60.02 | 36.46 | 108.06 | 128.48 | 119.63 | 122.37 | 72.07 | 108.89 | 108.03 | 96.85 | 104.19 | 110.56 | 104.75 | 108.30 | 159.56 | 126.32 | 128.57 | | |
| 23670 | 1.31 | -0.21 | 1.13 | 0.37 | 0.52 | -0.33 | 1.07 | 1.52 | 2.01 | 1.09 | 1.36 | 1.20 | 1.78 | 1.88 | 1.61 | 5.99 | 5.05 | 5.18 | 5.42 | 5.42 | 6.02 | 4.97 | 2.82 | 2.61 | | |
| | -19.95 | -113.03 | -27.92 | -23.21 | -8.46 | -118.98 | -84.52 | -31.01 | 0.00 | -88.71 | -105.48 | -99.09 | -92.33 | -40.60 | -80.82 | 1.96 | 0.84 | 0.00 | 0.00 | 0.00 | 0.42 | -74.73 | -78.78 | -83.99 | | |
| | 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 | |
| ATHENS_STG_3 | 45.41 | 108.71 | 49.58 | 30.80 | 19.29 | 111.99 | 105.97 | 60.02 | 36.46 | 108.06 | 128.48 | 119.63 | 122.37 | 72.07 | 108.89 | 108.03 | 96.85 | 104.19 | 110.56 | 104.75 | 108.30 | 159.56 | 126.32 | 128.57 | | |
| 23677 | 1.31 | -0.21 | 1.13 | 0.37 | 0.52 | -0.33 | 1.07 | 1.52 | 2.01 | 1.09 | 1.36 | 1.20 | 1.78 | 1.88 | 1.61 | 5.99 | 5.05 | 5.18 | 5.42 | 5.42 | 6.02 | 4.97 | 2.82 | 2.61 | | |
| | -19.95 | -113.03 | -27.92 | -23.21 | -8.46 | -118.98 | -84.52 | -31.01 | 0.00 | -88.71 | -105.48 | -99.09 | -92.33 | -40.60 | -80.82 | 1.96 | 0.84 | 0.00 | 0.00 | 0.00 | 0.42 | -74.73 | -78.78 | -83.99 | | |
| | 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 | |
| BARRETT_IC_1 | 44.56 | 97.89 | 47.70 | 28.82 | 18.80 | 100.72 | 98.55 | 57.96 | 37.89 | 102.32 | 122.14 | 111.25 | 116.44 | 116.46 | 113.53 | 116.51 | 118.97 | 123.70 | 121.80 | 125.34 | 119.68 | 156.72 | 120.77 | 122.60 | | |
| 23704 | 2.33 | -0.38 | 1.88 | 0.58 | 0.83 | -0.38 | 1.62 | 2.39 | 3.43 | 2.05 | 2.59 | 2.16 | 3.44 | 3.59 | 3.10 | 11.62 | 10.19 | 10.53 | 11.19 | 11.00 | 11.99 | 9.22 | 4.74 | 4.57 | | |
| | -18.07 | -102.37 | -25.29 | -21.02 | -7.66 | -107.76 | -76.55 | -28.08 | 0.00 | -82.01 | -97.92 | -89.75 | -84.75 | -83.27 | -83.98 | -0.88 | -16.14 | -14.15 | -5.48 | -15.01 | -4.99 | -67.65 | -71.31 | -76.07 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BARRETT_IC_10 | 44.56 | 97.89 | 47.70 | 28.82 | 18.80 | 100.72 | 98.55 | 57.96 | 37.89 | 102.32 | 122.14 | 111.25 | 116.44 | 116.46 | 113.53 | 116.51 | 118.97 | 123.70 | 121.80 | 125.34 | 119.68 | 156.72 | 120.77 | 122.60 | | |
| 23701 | 2.33 | -0.38 | 1.88 | 0.58 | 0.83 | -0.38 | 1.62 | 2.39 | 3.43 | 2.05 | 2.59 | 2.16 | 3.44 | 3.59 | 3.10 | 11.62 | 10.19 | 10.53 | 11.19 | 11.00 | 11.99 | 9.22 | 4.74 | 4.57 | | |
| | -18.07 | -102.37 | -25.29 | -21.02 | -7.66 | -107.76 | -76.55 | -28.08 | 0.00 | -82.01 | -97.92 | -89.75 | -84.75 | -83.27 | -83.98 | -0.88 | -16.14 | -14.15 | -5.48 | -15.01 | -4.99 | -67.65 | -71.31 | -76.07 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BARRETT_IC_11 | 44.56 | 97.89 | 47.70 | 28.82 | 18.80 | 100.72 | 98.55 | 57.96 | 37.89 | 102.32 | 122.14 | 111.25 | 116.44 | 116.46 | 113.53 | 116.51 | 118.97 | 123.70 | 121.80 | 125.34 | 119.68 | 156.72 | 120.77 | 122.60 | | |
| 23702 | 2.33 | -0.38 | 1.88 | 0.58 | 0.83 | -0.38 | 1.62 | 2.39 | 3.43 | 2.05 | 2.59 | 2.16 | 3.44 | 3.59 | 3.10 | 11.62 | 10.19 | 10.53 | 11.19 | 11.00 | 11.99 | 9.22 | 4.74 | 4.57 | | |
| | -18.07 | -102.37 | -25.29 | -21.02 | -7.66 | -107.76 | -76.55 | -28.08 | 0.00 | -82.01 | -97.92 | -89.75 | -84.75 | -83.27 | -83.98 | -0.88 | -16.14 | -14.15 | -5.48 | -15.01 | -4.99 | -67.65 | -71.31 | -76.07 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BARRETT_IC_12 | 44.56 | 97.89 | 47.70 | 28.82 | 18.80 | 100.72 | 98.55 | 57.96 | 37.89 | 102.32 | 122.14 | 111.25 | 116.44 | 116.46 | 113.53 | 116.51 | 118.97 | 123.70 | 121.80 | 125.34 | 119.68 | 156.72 | 120.77 | 122.60 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 23703 | 2.33 -18.07 N | -0.38 -102.37 N | 1.88 -25.29 N | 0.58 -21.02 N | 0.83 -7.66 N | -0.38 -107.76 N | 1.62 -76.55 N | 2.39 -28.08 N | 3.43 0.00 N | 2.05 -82.01 N | 2.59 -97.92 N | 2.16 -89.75 N | 3.44 -84.75 N | 3.59 -83.27 N | 3.10 -83.98 N | 11.62 -0.88 N | 10.19 -16.14 N | 10.53 -14.15 N | 11.19 -5.48 N | 11.00 -15.01 N | 11.99 -4.99 N | 9.22 -67.65 N | 4.74 -71.31 N | 4.57 -76.07 N |
| BARRETT_IC_2 23705 | 44.56 2.33 -18.07 N | 97.89 -0.38 -102.37 N | 47.70 1.88 -25.29 N | 28.82 0.58 -21.02 N | 18.80 0.83 -7.66 N | 100.72 -0.38 -107.76 N | 98.55 1.62 -76.55 N | 57.96 2.39 -28.08 N | 37.89 3.43 0.00 N | 102.32 2.05 -82.01 N | 122.14 2.59 -97.92 N | 111.25 2.16 -89.75 N | 116.44 3.44 -84.75 N | 116.46 3.59 -83.27 N | 113.53 3.10 -83.98 N | 116.51 11.62 -0.88 N | 118.97 10.19 -16.14 N | 123.70 10.53 -14.15 N | 121.80 11.19 -5.48 N | 125.34 11.00 -15.01 N | 119.68 11.99 -4.99 N | 156.72 9.22 -67.65 N | 120.77 4.74 -71.31 N | 122.60 4.57 -76.07 N |
| BARRETT_IC_3 23706 | 44.56 2.33 -18.07 N | 97.89 -0.38 -102.37 N | 47.70 1.88 -25.29 N | 28.82 0.58 -21.02 N | 18.80 0.83 -7.66 N | 100.72 -0.38 -107.76 N | 98.55 1.62 -76.55 N | 57.96 2.39 -28.08 N | 37.89 3.43 0.00 N | 102.32 2.05 -82.01 N | 122.14 2.59 -97.92 N | 111.25 2.16 -89.75 N | 116.44 3.44 -84.75 N | 116.46 3.59 -83.27 N | 113.53 3.10 -83.98 N | 116.51 11.62 -0.88 N | 118.97 10.19 -16.14 N | 123.70 10.53 -14.15 N | 121.80 11.19 -5.48 N | 125.34 11.00 -15.01 N | 119.68 11.99 -4.99 N | 156.72 9.22 -67.65 N | 120.77 4.74 -71.31 N | 122.60 4.57 -76.07 N |
| BARRETT_IC_4 23707 | 44.56 2.33 -18.07 N | 97.89 -0.38 -102.37 N | 47.70 1.88 -25.29 N | 28.82 0.58 -21.02 N | 18.80 0.83 -7.66 N | 100.72 -0.38 -107.76 N | 98.55 1.62 -76.55 N | 57.96 2.39 -28.08 N | 37.89 3.43 0.00 N | 102.32 2.05 -82.01 N | 122.14 2.59 -97.92 N | 111.25 2.16 -89.75 N | 116.44 3.44 -84.75 N | 116.46 3.59 -83.27 N | 113.53 3.10 -83.98 N | 116.51 11.62 -0.88 N | 118.97 10.19 -16.14 N | 123.70 10.53 -14.15 N | 121.80 11.19 -5.48 N | 125.34 11.00 -15.01 N | 119.68 11.99 -4.99 N | 156.72 9.22 -67.65 N | 120.77 4.74 -71.31 N | 122.60 4.57 -76.07 N |
| BARRETT_IC_5 23708 | 44.56 2.33 -18.07 N | 97.89 -0.38 -102.37 N | 47.70 1.88 -25.29 N | 28.82 0.58 -21.02 N | 18.80 0.83 -7.66 N | 100.72 -0.38 -107.76 N | 98.55 1.62 -76.55 N | 57.96 2.39 -28.08 N | 37.89 3.43 0.00 N | 102.32 2.05 -82.01 N | 122.14 2.59 -97.92 N | 111.25 2.16 -89.75 N | 116.44 3.44 -84.75 N | 116.46 3.59 -83.27 N | 113.53 3.10 -83.98 N | 116.51 11.62 -0.88 N | 118.97 10.19 -16.14 N | 123.70 10.53 -14.15 N | 121.80 11.19 -5.48 N | 125.34 11.00 -15.01 N | 119.68 11.99 -4.99 N | 156.72 9.22 -67.65 N | 120.77 4.74 -71.31 N | 122.60 4.57 -76.07 N |
| BARRETT_IC_6 23709 | 44.56 2.33 -18.07 N | 97.89 -0.38 -102.37 N | 47.70 1.88 -25.29 N | 28.82 0.58 -21.02 N | 18.80 0.83 -7.66 N | 100.72 -0.38 -107.76 N | 98.55 1.62 -76.55 N | 57.96 2.39 -28.08 N | 37.89 3.43 0.00 N | 102.32 2.05 -82.01 N | 122.14 2.59 -97.92 N | 111.25 2.16 -89.75 N | 116.44 3.44 -84.75 N | 116.46 3.59 -83.27 N | 113.53 3.10 -83.98 N | 116.51 11.62 -0.88 N | 118.97 10.19 -16.14 N | 123.70 10.53 -14.15 N | 121.80 11.19 -5.48 N | 125.34 11.00 -15.01 N | 119.68 11.99 -4.99 N | 156.72 9.22 -67.65 N | 120.77 4.74 -71.31 N | 122.60 4.57 -76.07 N |
| BARRETT_IC_7 23710 | 44.56 2.33 -18.07 N | 97.89 -0.38 -102.37 N | 47.70 1.88 -25.29 N | 28.82 0.58 -21.02 N | 18.80 0.83 -7.66 N | 100.72 -0.38 -107.76 N | 98.55 1.62 -76.55 N | 57.96 2.39 -28.08 N | 37.89 3.43 0.00 N | 102.32 2.05 -82.01 N | 122.14 2.59 -97.92 N | 111.25 2.16 -89.75 N | 116.44 3.44 -84.75 N | 116.46 3.59 -83.27 N | 113.53 3.10 -83.98 N | 116.51 11.62 -0.88 N | 118.97 10.19 -16.14 N | 123.70 10.53 -14.15 N | 121.80 11.19 -5.48 N | 125.34 11.00 -15.01 N | 119.68 11.99 -4.99 N | 156.72 9.22 -67.65 N | 120.77 4.74 -71.31 N | 122.60 4.57 -76.07 N |
| BARRETT_IC_8 23711 | 44.56 2.33 -18.07 N | 97.89 -0.38 -102.37 N | 47.70 1.88 -25.29 N | 28.82 0.58 -21.02 N | 18.80 0.83 -7.66 N | 100.72 -0.38 -107.76 N | 98.55 1.62 -76.55 N | 57.96 2.39 -28.08 N | 37.89 3.43 0.00 N | 102.32 2.05 -82.01 N | 122.14 2.59 -97.92 N | 111.25 2.16 -89.75 N | 116.44 3.44 -84.75 N | 116.46 3.59 -83.27 N | 113.53 3.10 -83.98 N | 116.51 11.62 -0.88 N | 118.97 10.19 -16.14 N | 123.70 10.53 -14.15 N | 121.80 11.19 -5.48 N | 125.34 11.00 -15.01 N | 119.68 11.99 -4.99 N | 156.72 9.22 -67.65 N | 120.77 4.74 -71.31 N | 122.60 4.57 -76.07 N |
| BARRETT_IC_9 23700 | 44.56 2.33 -18.07 N | 97.89 -0.38 -102.37 N | 47.70 1.88 -25.29 N | 28.82 0.58 -21.02 N | 18.80 0.83 -7.66 N | 100.72 -0.38 -107.76 N | 98.55 1.62 -76.55 N | 57.96 2.39 -28.08 N | 37.89 3.43 0.00 N | 102.32 2.05 -82.01 N | 122.14 2.59 -97.92 N | 111.25 2.16 -89.75 N | 116.44 3.44 -84.75 N | 116.46 3.59 -83.27 N | 113.53 3.10 -83.98 N | 116.51 11.62 -0.88 N | 118.97 10.19 -16.14 N | 123.70 10.53 -14.15 N | 121.80 11.19 -5.48 N | 125.34 11.00 -15.01 N | 119.68 11.99 -4.99 N | 156.72 9.22 -67.65 N | 120.77 4.74 -71.31 N | 122.60 4.57 -76.07 N |
| BARRETT___1 23545 | 44.56 2.33 -18.07 N | 97.89 -0.38 -102.37 N | 47.70 1.88 -25.29 N | 28.82 0.58 -21.02 N | 18.80 0.83 -7.66 N | 100.72 -0.38 -107.76 N | 98.55 1.62 -76.55 N | 57.96 2.39 -28.08 N | 37.89 3.43 0.00 N | 102.32 2.05 -82.01 N | 122.14 2.59 -97.92 N | 111.25 2.16 -89.75 N | 116.44 3.44 -84.75 N | 116.46 3.59 -83.27 N | 113.53 3.10 -83.98 N | 116.51 11.62 -0.88 N | 118.97 10.19 -16.14 N | 123.70 10.53 -14.15 N | 121.80 11.19 -5.48 N | 125.34 11.00 -15.01 N | 119.68 11.99 -4.99 N | 156.72 9.22 -67.65 N | 120.77 4.74 -71.31 N | 122.60 4.57 -76.07 N |
| BARRETT___2 23546 | 44.56 2.33 -18.07 N | 97.89 -0.38 -102.37 N | 47.70 1.88 -25.29 N | 28.82 0.58 -21.02 N | 18.80 0.83 -7.66 N | 100.72 -0.38 -107.76 N | 98.55 1.62 -76.55 N | 57.96 2.39 -28.08 N | 37.89 3.43 0.00 N | 102.32 2.05 -82.01 N | 122.14 2.59 -97.92 N | 111.25 2.16 -89.75 N | 116.44 3.44 -84.75 N | 116.46 3.59 -83.27 N | 113.53 3.10 -83.98 N | 116.51 11.62 -0.88 N | 118.97 10.19 -16.14 N | 123.70 10.53 -14.15 N | 121.80 11.19 -5.48 N | 125.34 11.00 -15.01 N | 119.68 11.99 -4.99 N | 156.72 9.22 -67.65 N | 120.77 4.74 -71.31 N | 122.60 4.57 -76.07 N |
| BEAVER RIVER___HYD 24048 | 24.04 -0.54 -0.42 N | -1.60 0.10 -2.41 N | 20.64 -0.48 -0.59 N | 7.56 -0.16 -0.49 N | 10.25 -0.23 -0.18 N | -3.98 0.15 -2.53 N | 21.72 -0.46 -1.80 N | 27.59 -0.56 -0.66 N | 33.85 -0.61 0.00 N | 19.88 -0.27 -1.89 N | 23.54 -0.34 -2.25 N | 21.17 -0.27 -2.11 N | 29.85 -0.37 -1.97 N | 30.05 -0.40 -0.85 N | 27.61 -0.54 -1.70 N | 94.53 -3.18 6.29 N | 86.81 -3.14 2.68 N | 96.22 -2.79 0.00 N | 102.41 -2.73 0.00 N | 96.45 -2.89 0.00 N | 98.51 -3.06 1.13 N | 79.87 -1.55 -1.57 N | 45.74 -0.63 -1.65 N | 43.06 -0.67 -1.76 N |
| BEEBEE_GT_13 23619 | 25.97 -0.68 -2.49 N | 10.05 0.05 -14.11 N | 23.35 -0.67 -3.49 N | 9.87 -0.25 -2.90 N | 11.01 -0.36 -1.06 N | 8.42 0.23 -14.85 N | 30.09 -0.85 -10.55 N | 30.14 -1.22 -3.87 N | 33.12 -1.33 0.00 N | 28.50 -0.83 -11.07 N | 33.76 -1.04 -13.17 N | 30.70 -1.00 -12.37 N | 38.29 -1.49 -11.52 N | 33.25 -1.43 -5.09 N | 35.06 -1.52 -10.13 N | 82.95 -6.69 14.37 N | 81.00 -5.52 6.12 N | 94.48 -4.53 0.00 N | 100.11 -5.02 0.00 N | 94.15 -5.19 0.00 N | 88.51 -6.19 8.01 N | 84.66 -4.55 -9.36 N | 52.17 -2.42 -9.87 N | 50.67 -1.82 -10.52 N |
| BETHLEHEM___GRP 23843 | 48.48 1.41 -22.91 N | 125.45 -0.23 -129.79 N | 53.79 1.19 -32.06 N | 34.27 0.40 -26.65 N | 20.59 0.57 -9.72 N | 129.58 -0.39 -136.63 N | 118.64 1.20 -97.06 N | 64.81 1.71 -35.61 N | 36.70 2.25 0.00 N | 121.33 1.20 -101.87 N | 144.22 1.46 -121.13 N | 134.42 1.29 -113.79 N | 136.38 1.92 -106.20 N | 78.28 1.97 -46.71 N | 121.20 1.77 -92.97 N | 109.04 6.76 1.73 N | 97.58 5.68 0.73 N | 104.98 5.97 0.00 N | 111.28 6.14 0.00 N | 105.39 6.05 0.00 N | 108.94 6.55 0.31 N | 171.24 5.41 -85.97 N | 138.49 3.14 -90.63 N | 141.29 2.89 -96.44 N |

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|-----------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| BETHLEHEM___GS1 323560 | 48.48 1.41 -22.91 N | 125.45 -0.23 -129.79 N | 53.79 1.19 -32.06 N | 34.27 0.40 -26.65 N | 20.59 0.57 -9.72 N | 129.58 -0.39 -136.63 N | 118.64 1.20 -97.06 N | 64.81 1.71 -35.61 N | 36.70 2.25 0.00 N | 121.33 1.20 -101.87 N | 144.22 1.46 -121.13 N | 134.42 1.29 -113.79 N | 136.38 1.92 -106.20 N | 78.28 1.97 -46.71 N | 121.20 1.77 -92.97 N | 109.04 6.76 1.73 N | 97.58 5.68 0.73 N | 104.98 5.97 0.00 N | 111.28 6.14 0.00 N | 105.39 6.05 0.00 N | 108.94 6.55 0.31 N | 171.24 5.41 -85.97 N | 138.49 3.14 -90.63 N | 141.29 2.89 -96.44 N |
| BETHLEHEM___GS2 323561 | 48.48 1.41 -22.91 N | 125.45 -0.23 -129.79 N | 53.79 1.19 -32.06 N | 34.27 0.40 -26.65 N | 20.59 0.57 -9.72 N | 129.58 -0.39 -136.63 N | 118.64 1.20 -97.06 N | 64.81 1.71 -35.61 N | 36.70 2.25 0.00 N | 121.33 1.20 -101.87 N | 144.22 1.46 -121.13 N | 134.42 1.29 -113.79 N | 136.38 1.92 -106.20 N | 78.28 1.97 -46.71 N | 121.20 1.77 -92.97 N | 109.04 6.76 1.73 N | 97.58 5.68 0.73 N | 104.98 5.97 0.00 N | 111.28 6.14 0.00 N | 105.39 6.05 0.00 N | 108.94 6.55 0.31 N | 171.24 5.41 -85.97 N | 138.49 3.14 -90.63 N | 141.29 2.89 -96.44 N |
| BETHLEHEM___GS3 323562 | 48.48 1.41 -22.91 N | 125.45 -0.23 -129.79 N | 53.79 1.19 -32.06 N | 34.27 0.40 -26.65 N | 20.59 0.57 -9.72 N | 129.58 -0.39 -136.63 N | 118.64 1.20 -97.06 N | 64.81 1.71 -35.61 N | 36.70 2.25 0.00 N | 121.33 1.20 -101.87 N | 144.22 1.46 -121.13 N | 134.42 1.29 -113.79 N | 136.38 1.92 -106.20 N | 78.28 1.97 -46.71 N | 121.20 1.77 -92.97 N | 109.04 6.76 1.73 N | 97.58 5.68 0.73 N | 104.98 5.97 0.00 N | 111.28 6.14 0.00 N | 105.39 6.05 0.00 N | 108.94 6.55 0.31 N | 171.24 5.41 -85.97 N | 138.49 3.14 -90.63 N | 141.29 2.89 -96.44 N |
| BETHLEHEM___STEEL 23779 | 25.50 -1.96 -3.30 N | 14.92 0.31 -18.72 N | 23.45 -1.71 -4.62 N | 10.46 -0.60 -3.84 N | 10.78 -0.93 -1.40 N | 13.68 0.63 -19.71 N | 32.30 -2.09 -14.00 N | 29.55 -3.08 -5.14 N | 30.74 -3.72 0.00 N | 30.71 -2.25 -14.69 N | 36.60 -2.50 -17.47 N | 33.36 -2.39 -16.41 N | 40.12 -3.43 -15.29 N | 32.75 -3.58 -6.74 N | 36.36 -3.51 -13.41 N | 76.72 -13.95 13.33 N | 75.11 -11.85 5.68 N | 87.39 -11.62 0.00 N | 92.77 -12.36 0.00 N | 87.49 -11.84 0.00 N | 82.62 -13.15 6.93 N | 83.02 -9.24 -12.41 N | 52.93 -4.86 -13.08 N | 52.30 -3.60 -13.94 N |
| BETHPAGE_CC_5 323564 | 44.61 2.38 -18.07 N | 97.87 -0.39 -102.37 N | 47.74 1.92 -25.29 N | 28.83 0.59 -21.02 N | 18.82 0.85 -7.66 N | 100.74 -0.37 -107.76 N | 98.57 1.64 -76.55 N | 57.99 2.42 -28.08 N | 37.96 3.50 0.00 N | 102.35 2.08 -82.01 N | 122.16 2.61 -97.92 N | 111.30 2.21 -89.75 N | 116.55 3.54 -84.75 N | 116.57 3.70 -83.27 N | 113.65 3.22 -83.98 N | 116.91 12.02 -0.88 N | 119.30 10.52 -16.14 N | 124.19 11.02 -14.15 N | 122.43 11.82 -5.48 N | 125.98 11.63 -15.01 N | 120.30 12.62 -4.99 N | 157.06 9.56 -67.65 N | 120.93 4.90 -71.31 N | 122.73 4.69 -76.07 N |
| BINGHAMTON___COGEN 23790 | 30.39 0.08 -6.15 N | 30.84 0.07 -34.87 N | 29.21 0.06 -8.61 N | 14.35 -0.03 -7.16 N | 12.85 -0.06 -2.61 N | 30.08 0.03 -36.71 N | 46.46 0.00 -26.08 N | 36.97 -0.09 -9.57 N | 34.48 0.03 0.00 N | 45.61 -0.02 -27.37 N | 54.32 0.14 -32.54 N | 49.88 -0.03 -30.57 N | 56.72 -0.02 -28.49 N | 42.12 -0.01 -12.54 N | 51.26 -0.15 -24.95 N | 93.48 -0.86 9.67 N | 87.79 -0.73 4.12 N | 98.50 -0.51 0.00 N | 104.85 -0.28 0.00 N | 99.03 -9.03 0.00 N | 100.00 -0.55 2.16 N | 102.99 0.07 -23.07 N | 69.25 0.21 -24.32 N | 68.27 0.37 -25.93 N |
| BLACK RIVER___HYD 24047 | 24.51 -0.47 -0.83 N | 0.70 0.10 -4.70 N | 21.24 -0.46 -1.16 N | 8.04 -0.15 -0.97 N | 10.44 -0.22 -0.35 N | -1.57 0.14 -4.95 N | 23.48 -0.42 -3.52 N | 28.30 -0.48 -1.29 N | 33.98 -0.48 0.00 N | 21.79 -0.16 -3.69 N | 25.83 -0.19 -4.39 N | 23.29 -0.17 -4.13 N | 31.89 -0.21 -3.85 N | 31.03 -0.23 -1.67 N | 29.27 -0.50 -3.31 N | 91.05 -3.64 9.32 N | 85.01 -3.66 3.97 N | 95.96 -3.05 0.00 N | 102.22 -2.92 0.00 N | 96.26 -3.07 0.00 N | 97.76 -3.27 1.67 N | 81.59 -1.33 -3.06 N | 47.54 -0.41 -3.23 N | 44.98 -0.43 -3.44 N |
| BLISS_WT_PWR 323608 | 26.48 -1.12 -3.44 N | 15.64 0.24 -19.51 N | 24.32 -1.03 -4.82 N | 10.82 -0.40 -4.01 N | 11.13 -0.64 -1.46 N | 14.28 0.40 -20.54 N | 33.72 -1.25 -14.59 N | 30.93 -1.91 -5.35 N | 32.32 -2.13 0.00 N | 32.26 -1.32 -15.31 N | 38.59 -1.26 -18.21 N | 35.06 -1.39 -17.11 N | 42.27 -1.93 -15.94 N | 34.58 -2.04 -7.02 N | 38.31 -2.13 -13.98 N | 82.30 -8.56 13.15 N | 79.97 -7.06 5.60 N | 92.79 -6.22 0.00 N | 98.90 -6.23 0.00 N | 93.27 -6.06 0.00 N | 88.67 -7.38 6.64 N | 88.06 -4.72 -12.93 N | 55.86 -2.49 -13.63 N | 54.80 -1.69 -14.53 N |
| BLUE_CIRC_CHEM_DRP 24182 | 47.93 1.12 -22.65 N | 124.05 -0.18 -128.34 N | 53.21 0.98 -31.70 N | 33.90 0.33 -26.35 N | 20.38 0.46 -9.61 N | 128.13 -0.31 -135.10 N | 117.30 0.95 -95.97 N | 64.07 1.37 -35.21 N | 36.24 1.78 0.00 N | 119.88 0.89 -100.72 N | 142.50 1.09 -119.77 N | 132.82 0.97 -112.52 N | 134.69 1.41 -105.02 N | 77.26 1.47 -46.20 N | 119.68 1.28 -91.94 N | 107.02 4.75 1.73 N | 95.88 3.98 0.74 N | 103.08 4.07 0.00 N | 109.26 4.12 0.00 N | 103.46 4.13 0.00 N | 107.05 4.66 0.31 N | 168.71 3.84 -85.02 N | 136.83 2.48 -89.62 N | 139.62 2.29 -95.36 N |
| BOC_GAS_DRP 24189 | 48.13 1.09 -22.88 N | 125.36 -0.18 -129.64 N | 53.49 0.94 -32.02 N | 34.16 0.32 -26.62 N | 20.46 0.45 -9.70 N | 129.52 -0.29 -136.47 N | 118.24 0.91 -96.94 N | 64.36 1.30 -35.57 N | 36.16 1.70 0.00 N | 120.92 0.91 -101.75 N | 143.74 1.12 -120.99 N | 133.99 0.99 -113.66 N | 135.82 1.44 -106.12 N | 77.77 1.50 -46.68 N | 120.67 1.32 -92.90 N | 107.19 4.90 1.72 N | 95.96 4.06 0.73 N | 103.11 4.09 0.00 N | 109.32 4.19 0.00 N | 103.55 4.21 0.00 N | 107.12 4.73 0.31 N | 169.72 3.96 -85.90 N | 137.66 2.38 -90.56 N | 140.50 2.20 -96.33 N |
| BORALEX_4TH_BRANCH 23824 | 48.56 1.52 -22.88 N | 125.22 -0.29 -129.62 N | 53.72 1.17 -32.02 N | 34.24 0.41 -26.62 N | 20.57 0.56 -9.70 N | 129.37 -0.42 -136.45 N | 118.58 1.27 -96.93 N | 64.89 1.84 -35.56 N | 36.90 2.45 0.00 N | 121.35 1.36 -101.73 N | 144.25 1.65 -120.97 N | 134.47 1.49 -113.64 N | 136.64 2.36 -106.02 N | 78.53 2.30 -46.63 N | 121.43 2.17 -92.81 N | 110.74 8.46 1.73 N | 98.62 6.72 0.73 N | 106.21 7.19 0.00 N | 112.41 7.27 0.00 N | 106.55 7.22 0.00 N | 110.28 7.88 0.31 N | 172.42 6.75 -85.82 N | 138.93 3.75 -90.46 N | 141.60 3.32 -96.32 N |
| BOWLINE___1 23526 | 43.63 1.84 -17.63 N | 95.49 -0.29 -99.89 N | 46.72 1.51 -24.67 N | 28.20 0.47 -20.51 N | 18.45 0.67 -7.48 N | 98.07 -0.42 -105.15 N | 96.52 1.44 -74.69 N | 57.00 2.11 -27.40 N | 37.31 2.85 0.00 N | 98.24 1.59 -78.39 N | 116.86 2.00 -93.22 N | 108.69 1.78 -87.58 N | 112.52 2.71 -81.55 N | 68.26 2.80 -35.86 N | 100.22 2.38 -71.38 N | 110.65 8.74 2.09 N | 99.40 7.65 0.89 N | 107.12 8.11 0.00 N | 113.79 8.65 0.00 N | 107.92 8.58 0.00 N | 111.60 9.35 0.45 N | 153.39 7.53 -66.00 N | 118.31 4.02 -69.58 N | 119.88 3.69 -74.22 N |
| BOWLINE___2 23595 | 43.63 1.84 -17.63 N | 95.50 -0.29 -99.90 N | 46.72 1.51 -24.68 N | 28.20 0.47 -20.51 N | 18.45 0.67 -7.48 N | 98.08 -0.42 -105.16 N | 96.53 1.44 -74.70 N | 57.01 2.11 -27.41 N | 37.31 2.86 0.00 N | 98.25 1.59 -78.40 N | 116.87 2.01 -93.23 N | 108.70 1.78 -87.59 N | 112.52 2.71 -81.56 N | 68.26 2.80 -35.87 N | 100.21 2.37 -71.39 N | 110.64 8.73 2.09 N | 99.36 7.61 0.89 N | 107.06 8.05 0.00 N | 113.73 8.60 0.00 N | 107.86 8.53 0.00 N | 111.55 9.29 0.45 N | 153.37 7.50 -66.01 N | 118.29 3.99 -69.59 N | 119.88 3.69 -74.23 N |
| BROOKHAVEN___DRP 24191 | 44.61 2.39 -18.07 N | 97.86 -0.40 -102.37 N | 47.81 1.99 -25.29 N | 28.85 0.61 -21.02 N | 18.85 0.89 -7.66 N | 100.80 -0.31 -107.76 N | 98.50 1.57 -76.55 N | 57.81 2.23 -28.08 N | 37.86 3.40 0.00 N | 102.35 2.08 -82.01 N | 122.06 2.51 -97.92 N | 111.15 2.06 -89.75 N | 116.42 3.41 -84.75 N | 116.43 3.56 -83.27 N | 113.57 3.13 -83.98 N | 116.46 11.57 -0.88 N | 118.85 10.07 -16.14 N | 123.70 10.53 -14.15 N | 121.89 11.28 -5.48 N | 125.47 11.13 -15.01 N | 119.84 12.15 -4.99 N | 156.52 9.02 -67.65 N | 120.53 4.50 -71.31 N | 122.48 4.45 -76.07 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|----------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------|-----------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---|
| BROOKLYN_NAVY_YARD 23515 | 44.21 1.98 -18.07 N | 97.93 -0.31 -102.35 N | 47.43 1.61 -25.28 N | 28.73 0.50 -21.02 N | 18.67 0.70 -7.66 N | 100.65 -0.44 -107.74 N | 98.48 1.56 -76.54 N | 57.84 2.26 -28.08 N | 37.53 3.07 0.00 N | 100.31 1.72 -80.33 N | 119.33 2.18 -95.52 N | 111.03 1.96 -89.73 N | 114.83 3.01 -83.56 N | 69.46 3.11 -36.75 N | 102.26 2.66 -73.14 N | 111.77 9.83 2.07 N | 100.41 8.65 0.88 N | 108.17 9.16 0.00 N | 114.78 9.65 0.00 N | 108.94 9.61 0.00 N | 112.82 10.56 0.44 N | 156.02 8.54 -67.63 N | 120.56 4.55 -71.29 N | 122.15 4.13 -76.05 N | |
| BROOKLYN___ARMY_DRP 323595 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N | |
| BROOME___LFGE 323600 | 30.39 0.08 -6.15 N | 30.84 0.07 -34.87 N | 29.21 0.06 -8.61 N | 14.35 -0.03 -7.16 N | 12.85 -0.06 -2.61 N | 30.08 0.03 -36.71 N | 46.46 0.00 -26.08 N | 36.97 -0.09 -9.57 N | 34.48 0.03 0.00 N | 45.61 -0.02 -27.37 N | 54.32 0.14 -32.54 N | 49.88 -0.03 -30.57 N | 56.72 -0.02 -28.49 N | 42.12 -0.01 -12.54 N | 51.26 -0.15 -24.95 N | 93.48 -0.86 9.67 N | 87.79 -0.73 4.12 N | 98.50 -0.51 0.00 N | 104.85 -0.28 0.00 N | 99.03 -0.31 0.00 N | 100.00 -0.55 2.16 N | 102.99 0.07 -23.07 N | 69.25 0.21 -24.32 N | 68.27 0.37 -25.93 N | |
| BURROWS___LYONSDAL 23803 | 24.01 -0.15 0.00 N | -4.07 0.03 0.00 N | 20.37 -0.16 0.00 N | 7.17 -0.06 0.00 N | 10.23 -0.08 0.00 N | -6.61 0.05 0.00 N | 20.24 -0.14 0.00 N | 27.35 -0.14 0.00 N | 34.36 -0.10 0.00 N | 18.25 -0.01 0.00 N | 21.61 -0.02 0.00 N | 19.34 0.00 0.00 N | 28.26 0.00 0.00 N | 29.60 0.01 0.00 N | 26.34 -0.11 0.00 N | 98.03 -1.02 4.96 N | 89.53 -1.00 2.11 N | 98.34 -0.67 0.00 N | 104.62 -0.51 0.00 N | 98.65 -0.68 0.00 N | 100.94 -0.87 0.89 N | 79.56 -0.29 0.00 N | 44.67 -0.05 0.00 N | 41.88 -0.08 0.00 N | |
| CALPINE_BETH_PAGE_GT4 24209 | 44.64 2.41 -18.07 N | 97.88 -0.38 -102.37 N | 47.76 1.94 -25.29 N | 28.84 0.59 -21.02 N | 18.83 0.86 -7.66 N | 100.72 -0.39 -107.76 N | 98.61 1.68 -76.55 N | 58.04 2.46 -28.08 N | 38.00 3.54 0.00 N | 102.38 2.11 -82.01 N | 122.19 2.64 -97.92 N | 111.34 2.25 -89.75 N | 116.60 3.59 -84.75 N | 116.61 3.75 -83.27 N | 113.70 3.27 -83.98 N | 117.11 12.22 -0.88 N | 119.49 10.71 -16.14 N | 124.44 11.27 -14.15 N | 122.68 12.07 -5.48 N | 126.18 11.84 -15.01 N | 120.51 12.82 -4.99 N | 157.28 9.78 -67.65 N | 121.04 5.01 -71.31 N | 122.80 4.77 -76.07 N | |
| CALPINE_BETH_PAGE_GT_4 323586 | 44.64 2.41 -18.07 N | 97.88 -0.38 -102.37 N | 47.76 1.94 -25.29 N | 28.84 0.59 -21.02 N | 18.83 0.86 -7.66 N | 100.72 -0.39 -107.76 N | 98.61 1.68 -76.55 N | 58.04 2.46 -28.08 N | 38.00 3.54 0.00 N | 102.38 2.11 -82.01 N | 122.19 2.64 -97.92 N | 111.34 2.25 -89.75 N | 116.60 3.59 -84.75 N | 116.61 3.75 -83.27 N | 113.70 3.27 -83.98 N | 117.11 12.22 -0.88 N | 119.49 10.71 -16.14 N | 124.44 11.27 -14.15 N | 122.68 12.07 -5.48 N | 126.18 11.84 -15.01 N | 120.51 12.82 -4.99 N | 157.28 9.78 -67.65 N | 121.04 5.01 -71.31 N | 122.80 4.77 -76.07 N | |
| CALPINE_BP_GT1 23823 | 44.64 2.41 -18.07 N | 97.88 -0.38 -102.37 N | 47.76 1.94 -25.29 N | 28.84 0.59 -21.02 N | 18.83 0.86 -7.66 N | 100.72 -0.39 -107.76 N | 98.61 1.68 -76.55 N | 58.04 2.46 -28.08 N | 38.00 3.54 0.00 N | 102.38 2.11 -82.01 N | 122.19 2.64 -97.92 N | 111.34 2.25 -89.75 N | 116.60 3.59 -84.75 N | 116.61 3.75 -83.27 N | 113.70 3.27 -83.98 N | 117.11 12.22 -0.88 N | 119.49 10.71 -16.14 N | 124.44 11.27 -14.15 N | 122.68 12.07 -5.48 N | 126.18 11.84 -15.01 N | 120.51 12.82 -4.99 N | 157.28 9.78 -67.65 N | 121.04 5.01 -71.31 N | 122.80 4.77 -76.07 N | |
| CALSPAN___DRP 24200 | 25.50 -1.96 -3.30 N | 14.92 0.31 -18.72 N | 23.45 -1.71 -4.62 N | 10.46 -0.60 -3.84 N | 10.78 -0.93 -1.40 N | 13.68 0.63 -19.71 N | 32.30 -2.09 -14.00 N | 29.55 -3.08 -5.14 N | 30.74 -3.72 0.00 N | 30.71 -2.25 -14.69 N | 36.60 -2.50 -17.47 N | 33.36 -2.39 -16.41 N | 40.12 -3.43 -15.29 N | 32.75 -3.58 -6.74 N | 36.36 -3.51 -13.41 N | 76.72 -13.95 13.33 N | 75.11 -11.85 5.68 N | 87.39 -11.62 0.00 N | 92.77 -12.36 0.00 N | 87.49 -11.84 0.00 N | 82.62 -13.15 6.93 N | 83.02 -9.24 -12.41 N | 52.93 -4.86 -13.08 N | 52.30 -3.60 -13.94 N | |
| CARR STREET_E__SYR 24060 | 25.54 -0.45 -1.83 N | 6.33 0.08 -10.36 N | 22.69 -0.40 -2.56 N | 9.20 -0.15 -2.13 N | 10.85 -0.23 -0.78 N | 4.40 0.15 -10.90 N | 27.64 -0.49 -7.74 N | 29.56 -0.77 -2.84 N | 33.48 -0.98 0.00 N | 25.80 -0.59 -8.13 N | 30.64 -0.66 -9.67 N | 27.79 -0.62 -9.08 N | 35.82 -0.90 -8.46 N | 32.40 -0.93 -3.74 N | 32.94 -0.96 -7.44 N | 85.78 -4.29 13.93 N | 83.11 -3.60 5.93 N | 95.55 -3.46 0.00 N | 101.53 -3.60 0.00 N | 95.84 -3.49 0.00 N | 96.37 -3.89 2.44 N | 83.88 -2.85 -6.88 N | 50.64 -1.33 -7.25 N | 48.70 -1.00 -7.73 N | |
| CARTHAGE___PAPER 23857 | 24.38 -0.49 -0.72 N | 0.05 0.10 -4.06 N | 21.08 -0.46 -1.00 N | 7.91 -0.15 -0.83 N | 10.40 -0.21 -0.30 N | -2.25 0.14 -4.27 N | 23.00 -0.42 -3.04 N | 28.12 -0.48 -1.11 N | 33.96 -0.50 0.00 N | 21.27 -0.18 -3.19 N | 25.19 -0.23 -3.79 N | 22.70 -0.19 -3.56 N | 31.34 -0.24 -3.32 N | 30.77 -0.26 -1.44 N | 28.76 -0.55 -2.86 N | 91.52 -4.01 8.48 N | 84.75 -4.28 3.61 N | 95.16 -3.85 0.00 N | 101.34 -3.79 0.00 N | 95.41 -3.92 0.00 N | 97.17 -4.01 1.52 N | 81.04 -1.46 -2.64 N | 47.07 -0.43 -2.79 N | 44.44 -0.49 -2.97 N | |
| CE_DUNWOOD___DRP 24194 | 44.12 1.92 -18.04 N | 97.77 -0.31 -102.18 N | 47.35 1.58 -25.24 N | 28.70 0.49 -20.98 N | 18.65 0.70 -7.65 N | 100.47 -0.44 -107.57 N | 98.31 1.51 -76.41 N | 57.72 2.20 -28.03 N | 37.43 2.98 0.00 N | 100.12 1.66 -80.20 N | 119.11 2.11 -95.36 N | 110.79 1.86 -89.59 N | 114.53 2.85 -83.43 N | 69.23 2.95 -36.69 N | 102.00 2.52 -73.02 N | 111.30 9.36 2.07 N | 99.96 8.20 0.88 N | 107.69 8.68 0.00 N | 114.35 9.22 0.00 N | 108.45 9.11 0.00 N | 112.20 9.95 0.44 N | 155.40 8.02 -67.52 N | 120.17 4.28 -71.18 N | 121.82 3.92 -75.93 N | |
| CE_MILLWOOD___DRP 24193 | 44.01 1.87 -17.98 N | 97.47 -0.30 -101.88 N | 47.24 1.54 -25.16 N | 28.62 0.48 -20.92 N | 18.61 0.68 -7.63 N | 100.15 -0.43 -107.24 N | 98.04 1.47 -76.18 N | 57.58 2.15 -27.95 N | 37.36 2.91 0.00 N | 99.83 1.62 -79.96 N | 118.76 2.05 -95.08 N | 110.48 1.82 -89.32 N | 114.20 2.77 -83.17 N | 69.04 2.87 -36.58 N | 101.72 2.46 -72.80 N | 111.05 9.12 2.07 N | 99.71 7.95 0.88 N | 107.45 8.44 0.00 N | 114.07 8.93 0.00 N | 108.21 8.87 0.00 N | 111.93 9.67 0.44 N | 154.97 7.80 -67.32 N | 119.83 4.15 -70.96 N | 121.49 3.82 -75.70 N | |
| CE_NYC2_DRP 24202 | 44.32 2.10 -18.07 N | 97.92 -0.33 -102.36 N | 47.54 1.73 -25.28 N | 28.77 0.53 -21.02 N | 18.72 0.76 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.65 -76.54 N | 57.96 2.39 -28.08 N | 37.67 3.22 0.00 N | 100.38 1.79 -80.33 N | 119.45 2.29 -95.53 N | 111.10 2.02 -89.74 N | 114.91 3.08 -83.57 N | 69.56 3.22 -36.75 N | 102.34 2.74 -73.14 N | 112.06 10.12 2.07 N | 100.66 8.90 0.88 N | 108.39 9.37 0.00 N | 115.01 9.88 0.00 N | 109.09 9.75 0.00 N | 112.94 10.68 0.44 N | 156.12 8.64 -67.64 N | 120.57 4.55 -71.30 N | 122.23 4.20 -76.06 N | |
| CE_NYC_DRP | 44.28 | 97.91 | 47.49 | 28.76 | 18.70 | 100.62 | 98.54 | 57.91 | 37.62 | 100.36 | 119.41 | 111.08 | 114.90 | 69.54 | 102.33 | 112.07 | 100.66 | 108.41 | 115.03 | 109.17 | 113.08 | 156.24 | 120.66 | 122.27 | |

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| 24195 | 2.06 -18.06 N | -0.33 -102.35 N | 1.68 -25.28 N | 0.52 -21.02 N | 0.74 -7.66 N | -0.47 -107.74 N | 1.62 -76.54 N | 2.34 -28.08 N | 3.16 0.00 N | 1.77 -80.33 N | 2.26 -95.52 N | 2.02 -89.73 N | 3.08 -83.56 N | 3.19 -36.75 N | 2.73 -73.14 N | 10.13 2.07 N | 8.90 0.88 N | 9.40 0.00 N | 9.90 0.00 N | 9.84 0.00 N | 10.82 0.44 N | 8.75 -67.63 N | 4.65 -71.29 N | 4.25 -76.05 N |
| CHAFEE____LFGE 323603 | 26.02 -1.51 -3.37 N | 15.25 0.26 -19.10 N | 23.89 -1.36 -4.72 N | 10.65 -0.49 -3.92 N | 10.96 -0.77 -1.43 N | 13.97 0.51 -20.11 N | 33.01 -1.66 -14.28 N | 30.25 -2.48 -5.24 N | 31.54 -2.91 0.00 N | 31.48 -1.78 -14.99 N | 37.58 -1.88 -17.83 N | 34.19 -1.89 -16.75 N | 41.19 -2.67 -15.61 N | 33.68 -2.80 -6.88 N | 37.34 -2.81 -13.69 N | 79.56 -9.41 5.64 N | 77.59 -8.82 0.00 N | 90.20 -9.16 0.00 N | 95.97 -8.82 0.00 N | 90.52 -8.82 0.00 N | 85.78 -10.12 6.79 N | 85.63 -6.87 -12.66 N | 54.44 -3.62 -13.34 N | 53.58 -2.61 -14.22 N |
| CHAT_HIGH_FALL_HYD 323578 | 23.66 -0.50 0.00 N | -4.03 0.08 0.00 N | 20.11 -0.42 0.00 N | 7.10 -0.12 0.00 N | 10.13 -0.18 0.00 N | -6.53 0.13 0.00 N | 19.97 -0.42 0.00 N | 27.00 -0.50 0.00 N | 33.81 -0.64 0.00 N | 17.95 -0.31 0.00 N | 21.17 -0.46 0.00 N | 18.97 -0.37 0.00 N | 27.74 -0.51 0.00 N | 29.07 -0.53 0.00 N | 26.08 -0.38 0.00 N | 101.95 -1.05 1.01 N | 91.42 -0.79 0.43 N | 98.36 -0.65 0.00 N | 104.49 -0.64 0.00 N | 98.50 -0.83 0.00 N | 101.56 -0.96 0.18 N | 78.67 -1.19 0.00 N | 43.90 -0.82 0.00 N | 41.00 -0.96 0.00 N |
| CH_MIDHUDSON____DRP 24192 | 45.12 1.87 -19.10 N | 103.79 -0.30 -108.20 N | 48.80 1.54 -26.73 N | 29.93 0.49 -22.22 N | 19.10 0.70 -8.10 N | 106.81 -0.44 -113.90 N | 102.77 1.48 -80.91 N | 59.31 2.13 -29.68 N | 37.32 2.87 0.00 N | 104.77 1.59 -84.92 N | 124.61 2.00 -100.98 N | 115.97 1.76 -94.86 N | 119.12 2.65 -88.22 N | 71.14 2.76 -38.79 N | 106.04 2.38 -77.20 N | 110.85 8.85 2.00 N | 99.48 7.69 0.85 N | 107.18 8.16 0.00 N | 113.78 8.64 0.00 N | 107.89 8.56 0.00 N | 111.58 9.30 0.43 N | 158.78 7.54 -71.39 N | 124.04 4.07 -75.25 N | 126.12 3.76 -80.40 N |
| CH_MISC_IPPS 23765 | 44.21 1.63 -18.42 N | 100.00 -0.25 -104.36 N | 47.60 1.30 -25.78 N | 29.05 0.40 -21.43 N | 18.72 0.60 -7.81 N | 102.86 -0.34 -109.86 N | 99.64 1.21 -78.04 N | 57.91 1.79 -28.63 N | 36.94 2.49 0.00 N | 101.55 1.38 -81.91 N | 120.78 1.75 -97.40 N | 112.40 1.56 -91.50 N | 115.74 2.37 -85.11 N | 69.48 2.46 -37.42 N | 103.04 2.09 -74.49 N | 109.65 7.69 2.04 N | 98.51 6.74 0.87 N | 106.22 7.21 0.00 N | 112.81 7.67 0.00 N | 106.95 7.61 0.00 N | 110.58 8.32 0.44 N | 155.45 6.72 -68.88 N | 120.88 3.55 -72.61 N | 122.77 3.25 -77.55 N |
| CH_RES_BVR_FALLS 23983 | 23.13 -0.13 0.90 N | -9.15 0.03 5.07 N | 19.18 -0.10 1.25 N | 6.15 -0.03 1.04 N | 9.89 -0.03 0.38 N | -11.97 0.02 5.34 N | 16.49 -0.10 3.79 N | 25.98 -0.12 1.39 N | 34.29 -0.16 0.00 N | 14.19 -0.09 3.98 N | 16.77 -0.13 4.74 N | 14.77 -0.12 4.45 N | 23.89 -0.24 4.13 N | 27.51 -0.27 1.82 N | 22.56 -0.28 3.62 N | 102.52 -0.64 0.85 N | 91.72 -0.56 0.36 N | 98.63 -0.38 0.00 N | 104.53 -0.60 0.00 N | 98.68 -0.66 0.00 N | 101.49 -1.06 0.15 N | 75.54 -0.96 3.35 N | 40.66 -0.54 3.53 N | 37.65 -0.55 3.77 N |
| CH_RES_NIAGARA 23895 | 24.92 -2.31 -3.07 N | 13.57 0.30 -17.37 N | 22.82 -2.00 -4.29 N | 10.12 -0.67 -3.57 N | 10.58 -1.02 -1.30 N | 12.35 0.72 -18.29 N | 30.91 -2.46 -12.99 N | 28.65 -3.61 -4.77 N | 30.02 -4.43 0.00 N | 29.21 -2.69 -13.63 N | 34.75 -3.09 -16.22 N | 31.69 -2.88 -15.23 N | 38.30 -4.15 -14.19 N | 31.53 -4.32 -6.25 N | 34.73 -4.18 -12.45 N | 73.76 -16.61 13.63 N | 72.71 -14.13 5.81 N | 84.92 -14.09 0.00 N | 89.86 -15.27 0.00 N | 84.75 -14.59 0.00 N | 79.44 -15.99 7.28 N | 79.94 -11.43 -11.51 N | 50.82 -6.04 -12.14 N | 50.43 -4.48 -12.94 N |
| CH_RES_SYRACUSE 23985 | 25.86 -0.36 -2.06 N | 7.62 0.05 -11.67 N | 23.11 -0.30 -2.88 N | 9.50 -0.12 -2.40 N | 11.00 -0.18 -0.87 N | 5.75 0.12 -12.29 N | 28.72 -0.39 -8.73 N | 30.08 -0.61 -3.20 N | 33.68 -0.78 0.00 N | 26.94 -0.48 -9.16 N | 31.98 -0.54 -10.89 N | 29.06 -0.51 -10.23 N | 37.05 -0.74 -9.53 N | 33.18 -0.71 -4.29 N | 34.28 -0.75 -8.58 N | 85.75 -3.50 14.75 N | 83.52 -2.84 6.28 N | 96.36 -2.65 0.00 N | 102.39 -2.74 0.00 N | 96.63 -2.71 0.00 N | 97.05 -3.09 2.56 N | 85.52 -2.26 -7.93 N | 52.06 -1.02 -8.36 N | 50.18 -0.70 -8.91 N |
| CLITON_WT_PWR 323605 | 23.68 -0.48 0.00 N | -4.03 0.07 0.00 N | 20.12 -0.42 0.00 N | 7.10 -0.12 0.00 N | 10.12 -0.18 0.00 N | -6.53 0.13 0.00 N | 19.96 -0.42 0.00 N | 26.99 -0.51 0.00 N | 33.81 -0.65 0.00 N | 17.95 -0.31 0.00 N | 21.16 -0.47 0.00 N | 18.96 -0.37 0.00 N | 27.74 -0.52 0.00 N | 29.07 -0.53 0.00 N | 26.06 -0.39 0.00 N | 101.99 -1.16 0.86 N | 91.34 -0.94 0.36 N | 98.23 -0.79 0.00 N | 104.30 -0.83 0.00 N | 98.36 -0.97 0.00 N | 101.45 -1.09 0.15 N | 78.60 -1.25 0.00 N | 43.89 -0.83 0.00 N | 41.02 -0.95 0.00 N |
| COLONIE_LFGE____ 323577 | 48.51 1.38 -22.98 N | 125.83 -0.25 -130.19 N | 53.82 1.12 -32.16 N | 34.34 0.39 -26.73 N | 20.59 0.54 -9.75 N | 129.99 -0.40 -137.05 N | 118.94 1.20 -97.35 N | 64.95 1.75 -35.72 N | 36.78 2.32 0.00 N | 121.72 1.28 -102.18 N | 144.69 1.55 -121.50 N | 134.84 1.36 -114.14 N | 136.86 2.10 -106.51 N | 78.55 2.11 -46.85 N | 121.65 1.96 -93.24 N | 109.83 7.55 1.72 N | 98.09 6.19 0.73 N | 105.67 6.66 0.00 N | 111.94 6.80 0.00 N | 106.00 6.66 0.00 N | 109.63 7.24 0.31 N | 172.11 6.04 -86.22 N | 138.96 3.36 -90.89 N | 141.71 3.01 -96.74 N |
| CORNELL____ 23752 | 27.48 -0.26 -3.59 N | 16.24 0.01 -20.34 N | 25.45 -0.10 -5.03 N | 11.32 -0.07 -4.18 N | 11.72 -0.10 -1.52 N | 14.79 0.04 -21.41 N | 35.28 -0.31 -15.21 N | 32.36 -0.71 -5.58 N | 33.55 -0.90 0.00 N | 33.63 -0.59 -15.96 N | 39.93 -0.69 -18.98 N | 36.50 -0.67 -17.83 N | 43.89 -0.98 -16.62 N | 35.88 -1.05 -7.33 N | 39.92 -1.14 -14.60 N | 87.49 -4.80 11.72 N | 84.02 -3.63 4.99 N | 95.83 -3.18 0.00 N | 102.06 -3.08 0.00 N | 96.26 -3.08 0.00 N | 96.60 -3.86 2.24 N | 90.50 -2.86 -13.50 N | 57.35 -1.61 -14.23 N | 55.84 -1.30 -15.17 N |
| COXSACKIE____GT 23611 | 46.49 2.13 -20.20 N | 110.01 -0.34 -114.46 N | 50.61 1.81 -28.27 N | 31.33 0.60 -23.50 N | 19.73 0.86 -8.57 N | 113.27 -0.57 -120.49 N | 107.79 1.81 -85.59 N | 61.45 2.56 -31.40 N | 37.84 3.39 0.00 N | 109.94 1.85 -89.83 N | 130.76 2.30 -106.83 N | 121.72 2.03 -100.36 N | 122.88 2.92 -91.70 N | 72.86 3.02 -40.25 N | 109.21 2.65 -80.11 N | 112.16 10.10 1.95 N | 100.69 8.89 0.83 N | 108.77 9.75 0.00 N | 115.54 10.40 0.00 N | 109.32 9.99 0.00 N | 112.84 10.55 0.42 N | 162.37 8.45 -74.07 N | 127.52 4.72 -78.09 N | 131.35 4.33 -85.05 N |
| CRESCENT____HYD 24018 | 48.51 1.38 -22.98 N | 125.83 -0.25 -130.19 N | 53.82 1.12 -32.16 N | 34.34 0.39 -26.73 N | 20.59 0.54 -9.75 N | 129.99 -0.40 -137.05 N | 118.94 1.20 -97.35 N | 64.95 1.75 -35.72 N | 36.78 2.32 0.00 N | 121.72 1.28 -102.18 N | 144.69 1.55 -121.50 N | 134.84 1.36 -114.14 N | 136.86 2.10 -106.51 N | 78.55 2.11 -46.85 N | 121.65 1.96 -93.24 N | 109.83 7.55 1.72 N | 98.09 6.19 0.73 N | 105.67 6.66 0.00 N | 111.94 6.80 0.00 N | 106.00 6.66 0.00 N | 109.63 7.24 0.31 N | 172.11 6.04 -86.22 N | 138.96 3.36 -90.89 N | 141.71 3.01 -96.74 N |
| CRUCIBLE_METL_DRP 24180 | 25.86 -0.36 -2.06 N | 7.62 0.05 -11.67 N | 23.11 -0.30 -2.88 N | 9.50 -0.12 -2.40 N | 11.00 -0.18 -0.87 N | 5.75 0.12 -12.29 N | 28.72 -0.39 -8.73 N | 30.08 -0.61 -3.20 N | 33.68 -0.78 0.00 N | 26.94 -0.48 -9.16 N | 31.98 -0.54 -10.89 N | 29.06 -0.51 -10.23 N | 37.05 -0.74 -9.53 N | 33.18 -0.71 -4.29 N | 34.28 -0.75 -8.58 N | 85.75 -3.50 14.75 N | 83.52 -2.84 6.28 N | 96.36 -2.65 0.00 N | 102.39 -2.74 0.00 N | 96.63 -2.71 0.00 N | 97.05 -3.09 2.56 N | 85.52 -2.26 -7.93 N | 52.06 -1.02 -8.36 N | 50.18 -0.70 -8.91 N |

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| DANSKAMMER___1 23586 | 44.21 1.63 -18.42 N | 100.00 -0.25 -104.36 N | 47.60 1.30 -25.78 N | 29.05 0.40 -21.43 N | 18.72 0.60 -7.81 N | 102.86 -0.34 -109.86 N | 99.64 1.21 -78.04 N | 57.91 1.79 -28.63 N | 36.94 2.49 0.00 N | 101.55 1.38 -81.91 N | 120.78 1.75 -97.40 N | 112.40 1.56 -91.50 N | 115.74 2.37 -85.11 N | 69.48 2.46 -37.42 N | 103.04 2.09 -74.49 N | 109.65 7.69 2.04 N | 98.51 6.74 0.87 N | 106.22 7.21 0.00 N | 112.81 7.67 0.00 N | 106.95 7.61 0.00 N | 110.58 8.32 0.44 N | 155.45 6.72 -68.88 N | 120.88 3.55 -72.61 N | 122.77 3.25 -77.55 N |
| DANSKAMMER___2 23589 | 44.21 1.63 -18.42 N | 100.00 -0.25 -104.36 N | 47.60 1.30 -25.78 N | 29.05 0.40 -21.43 N | 18.72 0.60 -7.81 N | 102.86 -0.34 -109.86 N | 99.64 1.21 -78.04 N | 57.91 1.79 -28.63 N | 36.94 2.49 0.00 N | 101.55 1.38 -81.91 N | 120.78 1.75 -97.40 N | 112.40 1.56 -91.50 N | 115.74 2.37 -85.11 N | 69.48 2.46 -37.42 N | 103.04 2.09 -74.49 N | 109.65 7.69 2.04 N | 98.51 6.74 0.87 N | 106.22 7.21 0.00 N | 112.81 7.67 0.00 N | 106.95 7.61 0.00 N | 110.58 8.32 0.44 N | 155.45 6.72 -68.88 N | 120.88 3.55 -72.61 N | 122.77 3.25 -77.55 N |
| DANSKAMMER___3 23590 | 44.21 1.63 -18.42 N | 100.00 -0.25 -104.36 N | 47.60 1.30 -25.78 N | 29.05 0.40 -21.43 N | 18.72 0.60 -7.81 N | 102.86 -0.34 -109.86 N | 99.64 1.21 -78.04 N | 57.91 1.79 -28.63 N | 36.94 2.49 0.00 N | 101.55 1.38 -81.91 N | 120.78 1.75 -97.40 N | 112.40 1.56 -91.50 N | 115.74 2.37 -85.11 N | 69.48 2.46 -37.42 N | 103.04 2.09 -74.49 N | 109.65 7.69 2.04 N | 98.51 6.74 0.87 N | 106.22 7.21 0.00 N | 112.81 7.67 0.00 N | 106.95 7.61 0.00 N | 110.58 8.32 0.44 N | 155.45 6.72 -68.88 N | 120.88 3.55 -72.61 N | 122.77 3.25 -77.55 N |
| DANSKAMMER___4 23591 | 44.21 1.63 -18.42 N | 100.00 -0.25 -104.36 N | 47.60 1.30 -25.78 N | 29.05 0.40 -21.43 N | 18.72 0.60 -7.81 N | 102.86 -0.34 -109.86 N | 99.64 1.21 -78.04 N | 57.91 1.79 -28.63 N | 36.94 2.49 0.00 N | 101.55 1.38 -81.91 N | 120.78 1.75 -97.40 N | 112.40 1.56 -91.50 N | 115.74 2.37 -85.11 N | 69.48 2.46 -37.42 N | 103.04 2.09 -74.49 N | 109.65 7.69 2.04 N | 98.51 6.74 0.87 N | 106.22 7.21 0.00 N | 112.81 7.67 0.00 N | 106.95 7.61 0.00 N | 110.58 8.32 0.44 N | 155.45 6.72 -68.88 N | 120.88 3.55 -72.61 N | 122.77 3.25 -77.55 N |
| DANSKAMMER___DIESEL 23592 | 44.21 1.63 -18.42 N | 100.00 -0.25 -104.36 N | 47.60 1.30 -25.78 N | 29.05 0.40 -21.43 N | 18.72 0.60 -7.81 N | 102.86 -0.34 -109.86 N | 99.64 1.21 -78.04 N | 57.91 1.79 -28.63 N | 36.94 2.49 0.00 N | 101.55 1.38 -81.91 N | 120.78 1.75 -97.40 N | 112.40 1.56 -91.50 N | 115.74 2.37 -85.11 N | 69.48 2.46 -37.42 N | 103.04 2.09 -74.49 N | 109.65 7.69 2.04 N | 98.51 6.74 0.87 N | 106.22 7.21 0.00 N | 112.81 7.67 0.00 N | 106.95 7.61 0.00 N | 110.58 8.32 0.44 N | 155.45 6.72 -68.88 N | 120.88 3.55 -72.61 N | 122.77 3.25 -77.55 N |
| DASHVILLE___HYD 23610 | 44.67 1.91 -18.60 N | 100.97 -0.30 -105.38 N | 48.11 1.55 -26.03 N | 29.34 0.48 -21.64 N | 18.89 0.69 -7.89 N | 103.86 -0.42 -110.93 N | 100.61 1.43 -78.80 N | 58.48 2.09 -28.91 N | 37.30 2.85 0.00 N | 102.57 1.60 -82.71 N | 122.00 2.02 -98.35 N | 113.51 1.78 -92.39 N | 116.48 2.59 -85.63 N | 69.93 2.69 -37.64 N | 103.67 2.31 -74.91 N | 110.50 8.53 2.04 N | 99.25 7.48 0.87 N | 106.91 7.90 0.00 N | 113.46 8.33 0.00 N | 107.59 8.26 0.00 N | 111.30 9.04 0.44 N | 156.46 7.34 -69.27 N | 121.67 3.93 -73.02 N | 124.06 3.78 -78.31 N |
| DOGLEVILLE___HYD 23807 | 25.27 1.52 0.40 N | -6.63 -0.23 2.29 N | 21.24 1.28 0.57 N | 7.17 0.42 0.47 N | 10.74 0.61 0.17 N | -9.48 -0.41 2.41 N | 19.96 1.29 1.71 N | 28.65 1.79 0.63 N | 36.92 2.47 0.00 N | 17.81 1.35 1.80 N | 21.13 1.63 2.14 N | 18.79 1.46 2.01 N | 28.58 2.19 1.86 N | 31.04 2.26 0.82 N | 26.88 2.05 1.63 N | 110.08 7.69 1.62 N | 98.49 6.54 0.69 N | 106.02 7.01 0.00 N | 112.49 7.35 0.00 N | 106.38 7.04 0.00 N | 109.81 7.40 0.29 N | 84.36 6.01 1.51 N | 46.67 3.54 1.59 N | 43.49 3.23 1.70 N |
| DUNKIRK___1 23563 | 25.33 -2.37 -3.54 N | 16.45 0.48 -20.07 N | 23.45 -2.04 -4.96 N | 10.55 -0.80 -4.12 N | 10.62 -1.19 -1.50 N | 15.22 0.74 -21.13 N | 33.14 -2.25 -15.01 N | 29.66 -3.34 -5.51 N | 30.49 -3.96 0.00 N | 31.75 -2.27 -15.75 N | 37.98 -2.38 -18.73 N | 34.52 -2.42 -17.60 N | 41.25 -3.40 -16.40 N | 33.22 -3.60 -7.22 N | 37.35 -3.49 -14.38 N | 77.09 -13.89 13.02 N | 75.04 -12.05 5.55 N | 87.00 -12.01 0.00 N | 92.79 -12.34 0.00 N | 87.56 -11.77 0.00 N | 83.15 -13.10 6.45 N | 84.11 -9.05 -13.30 N | 53.94 -4.80 -14.02 N | 53.00 -3.91 -14.94 N |
| DUNKIRK___2 23564 | 25.33 -2.37 -3.54 N | 16.45 0.48 -20.07 N | 23.45 -2.04 -4.96 N | 10.55 -0.80 -4.12 N | 10.62 -1.19 -1.50 N | 15.22 0.74 -21.13 N | 33.14 -2.25 -15.01 N | 29.66 -3.34 -5.51 N | 30.49 -3.96 0.00 N | 31.75 -2.27 -15.75 N | 37.98 -2.38 -18.73 N | 34.52 -2.42 -17.60 N | 41.25 -3.40 -16.40 N | 33.22 -3.60 -7.22 N | 37.35 -3.49 -14.38 N | 77.09 -13.89 13.02 N | 75.04 -12.05 5.55 N | 87.00 -12.01 0.00 N | 92.79 -12.34 0.00 N | 87.56 -11.77 0.00 N | 83.15 -13.10 6.45 N | 84.11 -9.05 -13.30 N | 53.94 -4.80 -14.02 N | 53.00 -3.91 -14.94 N |
| DUNKIRK___3 23565 | 25.58 -2.13 -3.55 N | 16.44 0.44 -20.11 N | 23.67 -1.83 -4.97 N | 10.64 -0.71 -4.13 N | 10.74 -1.07 -1.51 N | 15.19 0.68 -21.17 N | 33.35 -2.07 -15.03 N | 29.93 -3.08 -5.52 N | 30.80 -3.66 0.00 N | 31.92 -2.12 -15.78 N | 38.17 -2.23 -18.76 N | 34.71 -2.26 -17.63 N | 41.49 -3.19 -16.43 N | 33.46 -3.37 -7.24 N | 37.58 -3.28 -14.40 N | 77.93 -13.06 13.02 N | 75.80 -11.30 5.54 N | 87.80 -11.21 0.00 N | 93.58 -11.55 0.00 N | 88.26 -11.07 0.00 N | 83.91 -12.34 6.45 N | 84.72 -8.46 -13.32 N | 54.30 -4.46 -14.04 N | 53.41 -3.52 -14.97 N |
| DUNKIRK___4 23566 | 25.58 -2.13 -3.55 N | 16.44 0.44 -20.11 N | 23.67 -1.83 -4.97 N | 10.64 -0.71 -4.13 N | 10.74 -1.07 -1.51 N | 15.19 0.68 -21.17 N | 33.35 -2.07 -15.03 N | 29.93 -3.08 -5.52 N | 30.80 -3.66 0.00 N | 31.92 -2.12 -15.78 N | 38.17 -2.23 -18.76 N | 34.71 -2.26 -17.63 N | 41.49 -3.19 -16.43 N | 33.46 -3.37 -7.24 N | 37.58 -3.28 -14.40 N | 77.93 -13.06 13.02 N | 75.80 -11.30 5.54 N | 87.80 -11.21 0.00 N | 93.58 -11.55 0.00 N | 88.26 -11.07 0.00 N | 83.91 -12.34 6.45 N | 84.72 -8.46 -13.32 N | 54.30 -4.46 -14.04 N | 53.41 -3.52 -14.97 N |
| EAST HAMPTON___GT 23717 | 45.60 3.37 -18.07 N | 97.71 -0.55 -102.37 N | 48.61 2.79 -25.29 N | 29.13 0.88 -21.02 N | 19.25 1.28 -7.66 N | 100.53 -0.57 -107.76 N | 99.37 2.44 -76.55 N | 59.01 3.43 -28.08 N | 39.52 5.07 0.00 N | 103.29 3.02 -82.01 N | 123.24 3.68 -97.92 N | 112.18 3.09 -89.75 N | 117.90 4.89 -84.75 N | 117.92 5.05 -83.27 N | 114.88 4.45 -83.98 N | 121.74 16.85 -0.88 N | 123.85 15.07 -16.14 N | 129.80 16.64 -14.15 N | 128.48 17.87 -5.48 N | 131.50 17.15 -15.01 N | 125.81 18.12 -4.99 N | 160.97 13.47 -67.65 N | 122.80 6.77 -71.31 N | 124.42 6.38 -76.07 N |
| EAST RIVER___6 23660 | 44.26 2.04 -18.07 N | 97.92 -0.32 -102.35 N | 47.49 1.67 -25.28 N | 28.75 0.51 -21.02 N | 18.70 0.73 -7.66 N | 100.62 -0.46 -107.74 N | 98.52 1.60 -76.54 N | 57.89 2.32 -28.08 N | 37.60 3.15 0.00 N | 100.36 1.77 -80.33 N | 119.41 2.26 -95.52 N | 111.08 2.01 -89.73 N | 114.90 3.07 -83.56 N | 69.53 3.19 -36.75 N | 102.33 2.73 -73.14 N | 112.05 10.11 2.07 N | 100.65 8.89 0.88 N | 108.41 9.40 0.00 N | 115.03 9.90 0.00 N | 109.17 9.84 0.00 N | 113.08 10.82 0.44 N | 156.24 8.75 -67.63 N | 120.66 4.65 -71.29 N | 122.24 4.22 -76.05 N |
| EAST RIVER___7 23524 | 44.26 2.04 -18.07 N | 97.92 -0.32 -102.35 N | 47.49 1.67 -25.28 N | 28.75 0.51 -21.02 N | 18.70 0.73 -7.66 N | 100.62 -0.46 -107.74 N | 98.52 1.60 -76.54 N | 57.89 2.32 -28.08 N | 37.60 3.15 0.00 N | 100.36 1.77 -80.33 N | 119.41 2.26 -95.52 N | 111.08 2.01 -89.73 N | 114.90 3.07 -83.56 N | 69.53 3.19 -36.75 N | 102.33 2.73 -73.14 N | 112.05 10.11 2.07 N | 100.65 8.89 0.88 N | 108.41 9.40 0.00 N | 115.03 9.90 0.00 N | 109.17 9.84 0.00 N | 113.08 10.82 0.44 N | 156.24 8.75 -67.63 N | 120.66 4.65 -71.29 N | 122.24 4.22 -76.05 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|---|
| EAST_HAMPTON___DIESEL 23722 | 45.60 3.37 -18.07 N | 97.71 -0.55 -102.37 N | 48.61 2.79 -25.29 N | 29.13 0.88 -21.02 N | 19.25 1.28 -7.66 N | 100.53 -0.57 -107.76 N | 99.37 2.44 -76.55 N | 59.01 3.43 -28.08 N | 39.52 5.07 0.00 N | 103.29 3.02 -82.01 N | 123.24 3.68 -97.92 N | 112.18 3.09 -89.75 N | 117.90 4.89 -84.75 N | 117.92 5.05 -83.27 N | 114.88 4.45 -83.98 N | 121.74 16.85 -0.88 N | 123.85 15.07 -16.14 N | 129.80 16.64 -14.15 N | 128.48 17.87 -5.48 N | 131.50 17.15 -15.01 N | 125.81 18.12 -4.99 N | 160.97 13.47 -67.65 N | 122.80 6.77 -71.31 N | 124.42 6.38 -76.07 N | |
| EAST_RIVER___1 323558 | 44.28 2.06 -18.06 N | 97.91 -0.33 -102.35 N | 47.49 1.68 -25.28 N | 28.76 0.52 -21.02 N | 18.70 0.74 -7.66 N | 100.62 -0.47 -107.74 N | 98.54 1.62 -76.54 N | 57.91 2.34 -28.08 N | 37.62 3.16 0.00 N | 100.36 1.77 -80.33 N | 119.41 2.26 -95.52 N | 111.08 2.02 -89.73 N | 114.90 3.08 -83.56 N | 69.54 3.19 -36.75 N | 102.33 2.73 -73.14 N | 112.07 10.13 2.07 N | 100.66 8.90 0.88 N | 108.41 9.40 0.00 N | 115.03 9.90 0.00 N | 109.17 9.84 0.00 N | 113.08 10.82 0.44 N | 156.24 8.75 -67.63 N | 120.66 4.65 -71.29 N | 122.27 4.25 -76.05 N | |
| EAST_RIVER___2 323559 | 44.26 2.04 -18.07 N | 97.92 -0.32 -102.35 N | 47.49 1.67 -25.28 N | 28.75 0.51 -21.02 N | 18.70 0.73 -7.66 N | 100.62 -0.46 -107.74 N | 98.52 1.60 -76.54 N | 57.89 2.32 -28.08 N | 37.60 3.15 0.00 N | 100.36 1.77 -80.33 N | 119.41 2.26 -95.52 N | 111.08 2.01 -89.73 N | 114.90 3.07 -83.56 N | 69.53 3.19 -36.75 N | 102.33 2.73 -73.14 N | 112.05 10.11 2.07 N | 100.65 8.89 0.88 N | 108.41 9.40 0.00 N | 115.03 9.90 0.00 N | 109.17 9.84 0.00 N | 113.08 10.82 0.44 N | 156.24 8.75 -67.63 N | 120.66 4.65 -71.29 N | 122.24 4.22 -76.05 N | |
| EAST___DELAWARE_HYD 23607 | 41.15 1.34 -15.66 N | 84.40 -0.20 -88.71 N | 43.54 1.09 -21.91 N | 25.78 0.34 -18.21 N | 17.44 0.49 -6.64 N | 86.41 -0.32 -93.38 N | 87.78 1.06 -66.33 N | 53.38 1.55 -24.34 N | 36.59 2.14 0.00 N | 89.09 1.21 -69.62 N | 105.96 1.54 -82.79 N | 98.46 1.35 -77.77 N | 102.52 1.97 -72.29 N | 63.43 2.06 -31.78 N | 91.47 1.75 -63.26 N | 108.22 6.43 2.22 N | 97.44 5.74 0.95 N | 105.29 6.27 0.00 N | 111.86 6.72 0.00 N | 105.87 6.53 0.00 N | 109.15 6.93 0.47 N | 143.93 5.58 -58.50 N | 109.38 2.99 -61.67 N | 110.79 2.91 -65.92 N | |
| ELEC_TRO_TEK 24086 | 44.37 2.14 -18.07 N | 97.91 -0.35 -102.37 N | 47.54 1.72 -25.29 N | 28.76 0.52 -21.02 N | 18.73 0.76 -7.66 N | 100.76 -0.35 -107.76 N | 98.41 1.48 -76.55 N | 57.77 2.19 -28.08 N | 37.60 3.14 0.00 N | 102.14 1.87 -82.01 N | 121.92 2.37 -97.92 N | 111.11 2.02 -89.75 N | 116.22 3.21 -84.75 N | 116.22 3.35 -83.27 N | 113.33 2.90 -83.98 N | 115.66 10.78 -0.88 N | 118.18 9.40 -16.14 N | 123.02 9.85 -14.15 N | 121.16 10.55 -5.48 N | 124.76 10.42 -15.01 N | 119.00 11.31 -4.99 N | 156.19 8.69 -67.65 N | 120.49 4.46 -71.31 N | 122.27 4.23 -76.07 N | |
| ELLENBURG_WT_PWR 323604 | 23.68 -0.48 0.00 N | -4.03 0.07 0.00 N | 20.12 -0.42 0.00 N | 7.10 -0.12 0.00 N | 10.12 -0.18 0.00 N | -6.53 0.13 0.00 N | 19.96 -0.42 0.00 N | 26.99 -0.51 0.00 N | 33.81 -0.65 0.00 N | 17.95 -0.31 0.00 N | 21.16 -0.47 0.00 N | 18.96 -0.37 0.00 N | 27.74 -0.52 0.00 N | 29.07 -0.53 0.00 N | 26.06 -0.39 0.00 N | 101.99 -1.16 0.86 N | 91.34 -0.94 0.36 N | 98.23 -0.79 0.00 N | 104.30 -0.83 0.00 N | 98.36 -0.97 0.00 N | 101.45 -1.09 0.15 N | 78.60 -1.25 0.00 N | 43.89 -0.83 0.00 N | 41.02 -0.95 0.00 N | |
| E_CANADA_CAP_HY 24051 | 54.01 0.82 -29.03 N | 160.25 -0.13 -164.49 N | 61.82 0.65 -40.63 N | 41.23 0.23 -33.78 N | 22.93 0.31 -12.31 N | 166.31 -0.19 -173.16 N | 144.02 0.63 -123.00 N | 73.53 0.91 -45.13 N | 35.71 1.26 0.00 N | 148.07 0.71 -129.10 N | 176.06 0.91 -153.52 N | 164.35 0.79 -144.22 N | 163.88 1.12 -134.51 N | 89.93 1.17 -59.16 N | 145.12 0.92 -117.75 N | 105.29 3.87 2.58 N | 95.47 3.93 1.10 N | 103.92 4.91 0.00 N | 110.49 5.36 0.00 N | 104.21 4.87 0.00 N | 106.83 4.67 0.55 N | 192.14 3.41 -108.88 N | 161.05 1.56 -114.78 N | 165.72 1.52 -122.23 N | |
| E_CANADA_MHWK_HY 24050 | 25.27 1.52 0.40 N | -6.63 -0.23 2.29 N | 21.24 1.28 0.57 N | 7.17 0.42 0.47 N | 10.74 0.61 0.17 N | -9.48 -0.41 2.41 N | 19.96 1.29 1.71 N | 28.65 1.79 0.63 N | 36.92 2.47 0.00 N | 17.81 1.35 1.80 N | 21.13 1.63 2.14 N | 18.79 1.46 2.01 N | 28.58 2.19 1.86 N | 31.04 2.26 0.82 N | 26.88 2.05 1.63 N | 110.08 7.69 1.62 N | 98.49 6.54 0.69 N | 106.02 7.01 0.00 N | 112.49 7.35 0.00 N | 106.38 7.04 0.00 N | 109.81 7.40 0.29 N | 84.36 6.01 1.51 N | 46.67 3.54 1.59 N | 43.49 3.23 1.70 N | |
| E_FISHKILL___LBMP 23776 | 44.30 1.79 -18.35 N | 99.58 -0.29 -103.98 N | 47.69 1.48 -25.68 N | 29.04 0.47 -21.35 N | 18.75 0.66 -7.78 N | 102.38 -0.42 -109.45 N | 99.55 1.42 -77.75 N | 58.08 2.06 -28.53 N | 37.22 2.77 0.00 N | 101.40 1.54 -81.61 N | 120.60 1.93 -97.04 N | 112.20 1.71 -91.16 N | 115.74 2.59 -84.89 N | 69.62 2.69 -37.33 N | 103.08 2.33 -74.30 N | 110.59 8.64 2.05 N | 99.23 7.46 0.87 N | 106.92 7.91 0.00 N | 113.48 8.35 0.00 N | 107.64 8.31 0.00 N | 111.32 9.05 0.44 N | 155.91 7.35 -68.71 N | 121.10 3.95 -72.43 N | 122.86 3.63 -77.26 N | |
| FAR ROCKAWAY___4 23548 | 44.92 2.70 -18.07 N | 97.83 -0.44 -102.37 N | 47.98 2.17 -25.29 N | 28.92 0.67 -21.02 N | 18.94 0.97 -7.66 N | 100.62 -0.48 -107.76 N | 98.85 1.92 -76.55 N | 58.37 2.79 -28.08 N | 38.42 3.97 0.00 N | 102.60 2.34 -82.01 N | 122.51 2.96 -97.92 N | 111.60 2.51 -89.75 N | 116.95 3.94 -84.75 N | 117.00 4.13 -83.27 N | 114.01 3.57 -83.98 N | 118.38 13.49 -0.88 N | 120.72 11.94 -16.14 N | 125.50 12.33 -14.15 N | 123.94 13.33 -5.48 N | 127.74 13.39 -15.01 N | 122.07 14.38 -4.99 N | 158.54 11.04 -67.65 N | 121.72 5.69 -71.31 N | 123.37 5.33 -76.07 N | |
| FARRAGUT___LBMP 323566 | 44.24 2.02 -18.07 N | 97.92 -0.32 -102.35 N | 47.47 1.66 -25.28 N | 28.75 0.51 -21.02 N | 18.69 0.73 -7.66 N | 100.63 -0.46 -107.74 N | 98.51 1.59 -76.54 N | 57.89 2.31 -28.08 N | 37.57 3.12 0.00 N | 100.34 1.75 -80.33 N | 119.39 2.24 -95.52 N | 111.07 1.99 -89.73 N | 114.86 3.04 -83.56 N | 69.50 3.16 -36.75 N | 102.30 2.70 -73.14 N | 111.93 9.99 2.07 N | 100.55 8.79 0.88 N | 108.30 9.28 0.00 N | 114.91 9.77 0.00 N | 109.05 9.72 0.00 N | 112.94 10.68 0.44 N | 156.16 8.68 -67.63 N | 120.62 4.61 -71.29 N | 122.23 4.21 -76.05 N | |
| FENNER___WINDPWR 24204 | 25.43 0.19 -1.08 N | 2.03 -0.01 -6.14 N | 22.19 0.14 -1.52 N | 8.52 0.04 -1.26 N | 10.81 0.05 -0.46 N | -0.23 -0.04 -6.47 N | 25.06 0.08 -4.59 N | 29.24 0.06 -1.69 N | 34.57 0.11 0.00 N | 23.12 0.04 -4.82 N | 27.41 0.04 -5.74 N | 24.75 0.03 -5.39 N | 33.34 0.06 -5.02 N | 31.88 0.06 -2.22 N | 30.83 -0.05 -4.42 N | 95.34 -0.57 8.10 N | 88.90 -0.29 3.45 N | 99.15 0.13 0.00 N | 105.47 0.33 0.00 N | 99.53 0.19 0.00 N | 101.11 -0.14 1.45 N | 83.93 -0.01 -4.09 N | 49.15 0.12 -4.31 N | 46.80 0.25 -4.59 N | |
| FIBERTEK___ENERGY 23856 | 25.86 -0.36 -2.06 N | 7.62 0.05 -11.67 N | 23.11 -0.30 -2.88 N | 9.50 -0.12 -2.40 N | 11.00 -0.18 -0.87 N | 5.75 0.12 -12.29 N | 28.72 -0.39 -8.73 N | 30.08 -0.61 -3.20 N | 33.68 -0.78 0.00 N | 26.94 -0.48 -9.16 N | 31.98 -0.54 -10.89 N | 29.06 -0.51 -10.23 N | 37.05 -0.74 -9.53 N | 33.18 -0.71 -4.29 N | 34.28 -0.75 -8.58 N | 85.75 -3.50 14.75 N | 83.52 -2.84 6.28 N | 96.36 -2.65 0.00 N | 102.39 -2.74 0.00 N | 96.63 -2.71 0.00 N | 97.05 -3.09 2.56 N | 85.52 -2.26 -7.93 N | 52.06 -1.02 -8.36 N | 50.18 -0.70 -8.91 N | |
| FITZPATRICK____ | 24.68 | 3.74 | 21.71 | 8.55 | 10.51 | 1.70 | 25.35 | 28.45 | 32.95 | 23.45 | 27.81 | 25.18 | 33.21 | 30.97 | 30.63 | 76.02 | 78.12 | 93.83 | 99.60 | 94.07 | 93.17 | 80.71 | 48.00 | 45.97 | |

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| 23598 | -0.83 -1.36 N | 0.14 -7.71 N | -0.72 -1.90 N | -0.26 -1.58 N | -0.37 -0.58 N | 0.25 -8.11 N | -0.80 -5.76 N | -1.16 -2.11 N | -1.50 0.00 N | -0.86 -6.05 N | -1.02 -7.19 N | -0.92 -6.76 N | -1.34 -6.30 N | -1.39 -2.77 N | -1.33 -5.50 N | -5.79 22.19 N | -5.06 9.45 N | -5.19 0.00 N | -5.54 0.00 N | -5.26 0.00 N | -5.62 3.92 N | -4.23 -5.09 N | -2.09 -5.36 N | -1.72 -5.72 N |
| FORT ORANGE____ 23900 | 48.16 1.53 -22.48 N | 122.98 -0.26 -127.35 N | 53.27 1.28 -31.46 N | 33.80 0.43 -26.15 N | 20.45 0.61 -9.53 N | 126.98 -0.41 -134.05 N | 116.90 1.29 -95.23 N | 64.27 1.85 -34.94 N | 36.87 2.41 0.00 N | 119.45 1.24 -99.95 N | 141.93 1.45 -118.85 N | 132.25 1.27 -111.65 N | 134.30 1.88 -104.16 N | 77.35 1.94 -45.81 N | 119.37 1.73 -91.18 N | 108.85 6.60 1.76 N | 97.40 5.51 0.75 N | 104.85 5.84 0.00 N | 111.15 6.02 0.00 N | 105.28 5.95 0.00 N | 108.85 6.46 0.31 N | 169.51 5.34 -84.32 N | 136.90 3.30 -88.89 N | 139.72 3.13 -94.63 N |
| FORT_DRUM_COGEN 23780 | 24.44 -0.52 -0.80 N | 0.54 0.11 -4.54 N | 21.17 -0.48 -1.12 N | 8.00 -0.16 -0.93 N | 10.41 -0.23 -0.34 N | -1.74 0.14 -4.78 N | 23.32 -0.45 -3.39 N | 28.21 -0.52 -1.25 N | 33.93 -0.53 0.00 N | 21.63 -0.19 -3.56 N | 25.63 -0.23 -4.23 N | 23.11 -0.21 -3.98 N | 31.71 -0.26 -3.71 N | 30.92 -0.28 -1.61 N | 29.11 -0.54 -3.20 N | 91.16 -3.74 9.10 N | 85.03 -3.73 3.88 N | 95.86 -3.15 0.00 N | 102.10 -3.03 0.00 N | 96.15 -3.19 0.00 N | 97.69 -3.38 1.63 N | 81.35 -1.46 -2.95 N | 47.36 -0.48 -3.11 N | 44.78 -0.51 -3.32 N |
| FPL_FAR_ROCK_GT1 24212 | 44.92 2.70 -18.07 N | 97.83 -0.44 -102.37 N | 47.98 2.17 -25.29 N | 28.92 0.67 -21.02 N | 18.94 0.97 -7.66 N | 100.62 -0.48 -107.76 N | 98.85 1.92 -76.55 N | 58.37 2.79 -28.08 N | 38.42 3.97 0.00 N | 102.60 2.34 -82.01 N | 122.51 2.96 -97.92 N | 111.60 2.51 -89.75 N | 116.95 3.94 -84.75 N | 117.00 4.13 -83.27 N | 114.01 3.57 -83.98 N | 118.38 13.49 -0.88 N | 120.72 11.94 -16.14 N | 125.50 12.33 -14.15 N | 123.94 13.33 -5.48 N | 127.74 13.39 -15.01 N | 122.07 14.38 -4.99 N | 158.54 11.04 -67.65 N | 121.72 5.69 -71.31 N | 123.37 5.33 -76.07 N |
| FPL_FAR_ROCK_GT2 23815 | 44.92 2.70 -18.07 N | 97.83 -0.44 -102.37 N | 47.98 2.17 -25.29 N | 28.92 0.67 -21.02 N | 18.94 0.97 -7.66 N | 100.62 -0.48 -107.76 N | 98.85 1.92 -76.55 N | 58.37 2.79 -28.08 N | 38.42 3.97 0.00 N | 102.60 2.34 -82.01 N | 122.51 2.96 -97.92 N | 111.60 2.51 -89.75 N | 116.95 3.94 -84.75 N | 117.00 4.13 -83.27 N | 114.01 3.57 -83.98 N | 118.38 13.49 -0.88 N | 120.72 11.94 -16.14 N | 125.50 12.33 -14.15 N | 123.94 13.33 -5.48 N | 127.74 13.39 -15.01 N | 122.07 14.38 -4.99 N | 158.54 11.04 -67.65 N | 121.72 5.69 -71.31 N | 123.37 5.33 -76.07 N |
| FRANKLIN_FALL_HYD 24054 | 23.99 -0.16 0.00 N | -4.09 0.02 0.00 N | 20.37 -0.17 0.00 N | 7.19 -0.03 0.00 N | 10.25 -0.05 0.00 N | -6.62 0.04 0.00 N | 20.25 -0.13 0.00 N | 27.41 -0.08 0.00 N | 34.39 -0.06 0.00 N | 18.28 0.02 0.00 N | 21.58 -0.06 0.00 N | 19.32 -0.01 0.00 N | 28.27 0.01 0.00 N | 29.61 0.02 0.00 N | 26.54 0.08 1.39 N | 103.42 0.80 0.59 N | 92.95 0.90 0.00 N | 100.30 1.29 0.00 N | 106.59 1.46 0.00 N | 100.44 1.11 0.00 N | 103.42 0.97 0.25 N | 80.12 0.27 0.00 N | 44.72 0.00 0.00 N | 41.72 -0.24 0.00 N |
| FREEPORT_EQUS_GT1 23764 | 44.65 2.43 -18.07 N | 97.87 -0.40 -102.37 N | 47.77 1.95 -25.29 N | 28.84 0.60 -21.02 N | 18.83 0.87 -7.66 N | 100.71 -0.40 -107.76 N | 98.63 1.69 -76.55 N | 58.06 2.49 -28.08 N | 38.03 3.58 0.00 N | 102.39 2.13 -82.01 N | 122.22 2.67 -97.92 N | 111.36 2.27 -89.75 N | 116.62 3.61 -84.75 N | 116.64 3.77 -83.27 N | 113.71 3.28 -83.98 N | 117.16 12.28 -0.88 N | 119.56 10.78 -16.14 N | 124.28 11.11 -14.15 N | 122.52 11.91 -5.48 N | 126.08 11.73 -15.01 N | 120.63 12.94 -4.99 N | 157.39 9.89 -67.65 N | 121.09 5.06 -71.31 N | 122.84 4.81 -76.07 N |
| FULTON COGEN____ 23766 | 25.25 -0.61 -1.70 N | 5.62 0.10 -9.63 N | 22.36 -0.56 -2.38 N | 9.00 -0.20 -1.98 N | 10.72 -0.30 -0.72 N | 3.69 0.20 -10.14 N | 26.95 -0.64 -7.20 N | 29.20 -0.93 -2.64 N | 33.27 -1.19 0.00 N | 25.14 -0.69 -7.56 N | 29.84 -0.79 -8.99 N | 27.08 -0.70 -8.45 N | 35.11 -1.01 -7.87 N | 31.93 -1.07 -3.40 N | 32.12 -1.08 -6.74 N | 82.87 -4.86 16.27 N | 81.55 -4.16 6.93 N | 94.89 -4.13 0.00 N | 100.73 -4.41 0.00 N | 95.11 -4.22 0.00 N | 95.24 -4.61 2.85 N | 82.66 -3.43 -6.24 N | 49.62 -1.67 -6.57 N | 47.65 -1.32 -7.01 N |
| Freeport____CT2 23818 | 44.65 2.43 -18.07 N | 97.87 -0.40 -102.37 N | 47.77 1.95 -25.29 N | 28.84 0.60 -21.02 N | 18.83 0.87 -7.66 N | 100.71 -0.40 -107.76 N | 98.63 1.69 -76.55 N | 58.06 2.49 -28.08 N | 38.03 3.58 0.00 N | 102.39 2.13 -82.01 N | 122.22 2.67 -97.92 N | 111.36 2.27 -89.75 N | 116.62 3.61 -84.75 N | 116.64 3.77 -83.27 N | 113.71 3.28 -83.98 N | 117.16 12.28 -0.88 N | 119.56 10.78 -16.14 N | 124.28 11.11 -14.15 N | 122.52 11.91 -5.48 N | 126.08 11.73 -15.01 N | 120.63 12.94 -4.99 N | 157.39 9.89 -67.65 N | 121.09 5.06 -71.31 N | 122.84 4.81 -76.07 N |
| G.F.CEMENT____DRP 24184 | 48.43 0.79 -23.48 N | 128.74 -0.19 -133.04 N | 54.08 0.68 -32.86 N | 34.79 0.25 -27.32 N | 20.62 0.35 -9.96 N | 133.09 -0.30 -140.04 N | 120.72 0.86 -99.48 N | 65.32 1.33 -36.50 N | 36.27 1.81 0.00 N | 123.74 1.07 -104.41 N | 147.11 1.32 -124.16 N | 137.03 1.05 -116.64 N | 138.77 1.70 -108.81 N | 79.14 1.68 -47.86 N | 123.37 1.66 -95.26 N | 108.87 6.58 1.71 N | 97.11 5.20 0.73 N | 104.73 5.71 0.00 N | 111.04 5.90 0.00 N | 105.12 5.79 0.00 N | 108.71 6.31 0.31 N | 173.24 5.31 -88.08 N | 140.25 2.68 -92.86 N | 143.05 2.23 -98.85 N |
| GARDENVILLE____LBMP 24039 | 25.39 -2.03 -3.26 N | 14.71 0.32 -18.49 N | 23.34 -1.77 -4.57 N | 10.39 -0.63 -3.80 N | 10.72 -0.96 -1.39 N | 13.46 0.65 -19.47 N | 32.08 -2.13 -13.83 N | 29.41 -3.15 -5.08 N | 30.65 -3.80 0.00 N | 30.49 -2.29 -14.52 N | 36.35 -2.54 -17.26 N | 33.12 -2.44 -16.22 N | 39.88 -3.49 -15.11 N | 32.60 -3.65 -6.66 N | 36.15 -3.56 -13.25 N | 76.44 -14.19 13.38 N | 74.88 -12.07 5.70 N | 87.12 -11.90 0.00 N | 92.49 -12.64 0.00 N | 87.23 -12.10 0.00 N | 82.20 -13.44 7.06 N | 82.68 -9.43 -12.26 N | 52.67 -4.97 -12.92 N | 52.02 -3.72 -13.77 N |
| GENERAL____MILLS 23808 | 25.50 -1.96 -3.30 N | 14.92 0.31 -18.72 N | 23.45 -1.71 -4.62 N | 10.46 -0.60 -3.84 N | 10.78 -0.93 -1.40 N | 13.68 0.63 -19.71 N | 32.30 -2.09 -14.00 N | 29.55 -3.08 -5.14 N | 30.74 -3.72 0.00 N | 30.71 -2.25 -14.69 N | 36.60 -2.50 -17.47 N | 33.36 -2.39 -16.41 N | 40.12 -3.43 -15.29 N | 32.75 -3.58 -6.74 N | 36.36 -3.51 -13.41 N | 76.72 -13.95 13.33 N | 75.11 -11.85 5.68 N | 87.39 -11.62 0.00 N | 92.77 -12.36 0.00 N | 87.49 -11.84 0.00 N | 82.62 -13.15 6.93 N | 83.02 -9.24 -12.41 N | 52.93 -4.86 -13.08 N | 52.30 -3.60 -13.94 N |
| GE_PLASTICS____DRP 24183 | 47.92 1.06 -22.70 N | 124.32 -0.17 -128.60 N | 53.21 0.91 -31.77 N | 33.94 0.31 -26.41 N | 20.37 0.43 -9.63 N | 128.43 -0.29 -135.37 N | 117.44 0.90 -96.16 N | 64.06 1.29 -35.28 N | 36.14 1.68 0.00 N | 120.09 0.90 -100.93 N | 142.76 1.11 -120.02 N | 133.06 0.98 -112.75 N | 135.10 1.38 -105.46 N | 77.39 1.40 -46.40 N | 120.04 1.24 -92.35 N | 106.88 4.60 1.73 N | 95.68 3.77 0.73 N | 102.82 3.81 0.00 N | 109.02 3.88 0.00 N | 103.25 3.91 0.00 N | 106.85 4.46 0.31 N | 168.96 3.71 -85.39 N | 137.08 2.34 -90.02 N | 139.71 2.18 -95.56 N |
| GILBOA____I 23756 | 42.81 1.02 -17.64 N | 95.68 -0.14 -99.92 N | 46.15 0.93 -24.68 N | 28.06 0.32 -20.52 N | 18.24 0.45 -7.48 N | 98.25 -0.28 -105.19 N | 95.94 0.83 -74.72 N | 56.09 1.19 -27.41 N | 36.03 1.58 0.00 N | 97.54 0.85 -78.42 N | 115.96 1.07 -93.25 N | 107.87 0.93 -87.61 N | 111.21 1.31 -81.65 N | 66.93 1.43 -35.91 N | 99.12 1.20 -71.47 N | 105.89 4.36 2.48 N | 95.17 3.59 1.06 N | 102.28 3.27 0.00 N | 108.54 3.41 0.00 N | 102.83 3.50 0.00 N | 106.26 4.09 0.53 N | 149.41 3.47 -66.09 N | 116.60 2.22 -69.67 N | 118.30 2.08 -74.25 N |

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|--------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------|-----------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|
| GILBOA____2 23757 | 42.81 1.02 -17.64 N | 95.68 -0.14 -99.92 N | 46.15 0.93 -24.68 N | 28.06 0.32 -20.52 N | 18.24 0.45 -7.48 N | 98.25 -0.28 -105.19 N | 95.94 0.83 -74.72 N | 56.09 1.19 -27.41 N | 36.03 1.58 0.00 N | 97.54 0.85 -78.42 N | 115.96 1.07 -93.25 N | 107.87 0.93 -87.61 N | 111.21 1.31 -81.65 N | 66.93 1.43 -35.91 N | 99.12 1.20 -71.47 N | 105.89 4.36 2.48 N | 95.17 3.59 1.06 N | 102.28 3.27 0.00 N | 108.54 3.41 0.00 N | 102.83 3.50 0.00 N | 106.26 4.09 0.53 N | 149.41 3.47 -66.09 N | 116.60 2.22 -69.67 N | 118.30 2.08 -74.25 N |
| GILBOA____3 23758 | 42.81 1.02 -17.64 N | 95.68 -0.14 -99.92 N | 46.15 0.93 -24.68 N | 28.06 0.32 -20.52 N | 18.24 0.45 -7.48 N | 98.25 -0.28 -105.19 N | 95.94 0.83 -74.72 N | 56.09 1.19 -27.41 N | 36.03 1.58 0.00 N | 97.54 0.85 -78.42 N | 115.96 1.07 -93.25 N | 107.87 0.93 -87.61 N | 111.21 1.31 -81.65 N | 66.93 1.43 -35.91 N | 99.12 1.20 -71.47 N | 105.89 4.36 2.48 N | 95.17 3.59 1.06 N | 102.28 3.27 0.00 N | 108.54 3.41 0.00 N | 102.83 3.50 0.00 N | 106.26 4.09 0.53 N | 149.41 3.47 -66.09 N | 116.60 2.22 -69.67 N | 118.30 2.08 -74.25 N |
| GILBOA____4 23759 | 42.81 1.02 -17.64 N | 95.68 -0.14 -99.92 N | 46.15 0.93 -24.68 N | 28.06 0.32 -20.52 N | 18.24 0.45 -7.48 N | 98.25 -0.28 -105.19 N | 95.94 0.83 -74.72 N | 56.09 1.19 -27.41 N | 36.03 1.58 0.00 N | 97.54 0.85 -78.42 N | 115.96 1.07 -93.25 N | 107.87 0.93 -87.61 N | 111.21 1.31 -81.65 N | 66.93 1.43 -35.91 N | 99.12 1.20 -71.47 N | 105.89 4.36 2.48 N | 95.17 3.59 1.06 N | 102.28 3.27 0.00 N | 108.54 3.41 0.00 N | 102.83 3.50 0.00 N | 106.26 4.09 0.53 N | 149.41 3.47 -66.09 N | 116.60 2.22 -69.67 N | 118.30 2.08 -74.25 N |
| GILBOA____ 23599 | 42.81 1.02 -17.64 N | 95.68 -0.14 -99.92 N | 46.15 0.93 -24.68 N | 28.06 0.32 -20.52 N | 18.24 0.45 -7.48 N | 98.25 -0.28 -105.19 N | 95.94 0.83 -74.72 N | 56.09 1.19 -27.41 N | 36.03 1.58 0.00 N | 97.54 0.85 -78.42 N | 115.96 1.07 -93.25 N | 107.87 0.93 -87.61 N | 111.21 1.31 -81.65 N | 66.93 1.43 -35.91 N | 99.12 1.20 -71.47 N | 105.89 4.36 2.48 N | 95.17 3.59 1.06 N | 102.28 3.27 0.00 N | 108.54 3.41 0.00 N | 102.83 3.50 0.00 N | 106.26 4.09 0.53 N | 149.41 3.47 -66.09 N | 116.60 2.22 -69.67 N | 118.30 2.08 -74.25 N |
| GINNA____ 23603 | 24.47 -2.15 -2.47 N | 10.18 0.31 -13.97 N | 22.11 -1.88 -3.45 N | 9.44 -0.65 -2.87 N | 10.39 -0.95 -1.05 N | 8.68 0.63 -14.71 N | 28.75 -2.08 -10.45 N | 28.42 -2.90 -3.83 N | 30.90 -3.56 0.00 N | 27.19 -2.04 -10.97 N | 32.27 -2.41 -13.04 N | 29.40 -2.19 -12.25 N | 36.48 -3.20 -11.42 N | 31.34 -3.29 -5.04 N | 33.34 -3.15 -10.03 N | 76.75 -12.86 14.40 N | 75.53 -10.97 6.13 N | 88.27 -10.74 0.00 N | 93.55 -11.58 0.00 N | 88.11 -11.22 0.00 N | 82.40 -12.26 8.04 N | 79.90 -9.23 -9.27 N | 49.49 -5.01 -9.78 N | 48.20 -4.18 -10.42 N |
| GLEN PARK____ 23778 | 24.68 -0.38 -0.90 N | 1.10 0.08 -5.12 N | 21.41 -0.38 -1.27 N | 8.15 -0.12 -1.05 N | 10.51 -0.18 -0.38 N | -1.15 0.11 -5.39 N | 23.86 -0.35 -3.83 N | 28.51 -0.39 -1.41 N | 34.12 -0.34 0.00 N | 22.19 -0.09 -4.02 N | 26.31 -0.10 -4.78 N | 23.74 -0.09 -4.49 N | 32.36 -0.08 -4.19 N | 31.32 -0.10 -1.82 N | 29.69 -0.37 -3.60 N | 91.08 -3.05 9.87 N | 85.44 -3.00 4.21 N | 96.69 -2.32 0.00 N | 103.03 -2.11 0.00 N | 96.93 -2.41 0.00 N | 98.18 -2.75 1.77 N | 82.20 -0.99 -3.34 N | 47.98 -0.25 -3.52 N | 45.43 -0.27 -3.75 N |
| GLENWOOD_IC_1_G5 23712 | 44.49 2.26 -18.07 N | 97.90 -0.36 -102.37 N | 47.65 1.83 -25.29 N | 28.81 0.57 -21.02 N | 18.78 0.82 -7.66 N | 100.67 -0.44 -107.76 N | 98.60 1.67 -76.55 N | 58.00 2.43 -28.08 N | 37.85 3.40 0.00 N | 102.23 1.97 -82.01 N | 122.05 2.49 -97.92 N | 111.25 2.16 -89.75 N | 116.37 3.36 -84.75 N | 116.37 3.50 -83.27 N | 113.45 3.02 -83.98 N | 116.19 11.30 -0.88 N | 118.71 9.93 -16.14 N | 123.70 10.53 -14.15 N | 121.87 11.26 -5.48 N | 125.39 11.05 -15.01 N | 119.62 11.94 -4.99 N | 156.88 9.38 -67.65 N | 120.89 4.86 -71.31 N | 122.57 4.53 -76.07 N |
| GLENWOOD_IC_2_G1 23688 | 44.36 2.13 -18.07 N | 97.92 -0.34 -102.37 N | 47.56 1.74 -25.29 N | 28.78 0.54 -21.02 N | 18.74 0.77 -7.66 N | 100.67 -0.43 -107.76 N | 98.53 1.60 -76.55 N | 57.90 2.32 -28.08 N | 37.68 3.22 0.00 N | 102.12 1.85 -82.01 N | 121.89 2.34 -97.92 N | 111.13 2.04 -89.75 N | 116.17 3.16 -84.75 N | 116.16 3.29 -83.27 N | 113.27 2.83 -83.98 N | 115.48 10.59 -0.88 N | 118.04 9.25 -16.14 N | 122.95 9.78 -14.15 N | 121.04 10.44 -5.48 N | 124.61 10.27 -15.01 N | 118.84 11.16 -4.99 N | 156.31 8.81 -67.65 N | 120.63 4.60 -71.31 N | 122.32 4.28 -76.07 N |
| GLENWOOD_IC_3_G1 23689 | 44.36 2.13 -18.07 N | 97.92 -0.34 -102.37 N | 47.56 1.74 -25.29 N | 28.78 0.54 -21.02 N | 18.74 0.77 -7.66 N | 100.67 -0.43 -107.76 N | 98.53 1.60 -76.55 N | 57.90 2.32 -28.08 N | 37.68 3.22 0.00 N | 102.12 1.85 -82.01 N | 121.89 2.34 -97.92 N | 111.13 2.04 -89.75 N | 116.17 3.16 -84.75 N | 116.16 3.29 -83.27 N | 113.27 2.83 -83.98 N | 115.48 10.59 -0.88 N | 118.04 9.25 -16.14 N | 122.95 9.78 -14.15 N | 121.04 10.44 -5.48 N | 124.61 10.27 -15.01 N | 118.84 11.16 -4.99 N | 156.31 8.81 -67.65 N | 120.63 4.60 -71.31 N | 122.32 4.28 -76.07 N |
| GLENWOOD____4 23550 | 44.49 2.26 -18.07 N | 97.90 -0.36 -102.37 N | 47.65 1.83 -25.29 N | 28.81 0.57 -21.02 N | 18.78 0.82 -7.66 N | 100.67 -0.44 -107.76 N | 98.60 1.67 -76.55 N | 58.00 2.43 -28.08 N | 37.85 3.40 0.00 N | 102.23 1.97 -82.01 N | 122.05 2.49 -97.92 N | 111.25 2.16 -89.75 N | 116.37 3.36 -84.75 N | 116.38 3.51 -83.27 N | 113.45 3.02 -83.98 N | 116.20 11.31 -0.88 N | 118.71 9.93 -16.14 N | 123.71 10.55 -14.15 N | 121.87 11.26 -5.48 N | 125.39 11.05 -15.01 N | 119.62 11.94 -4.99 N | 156.88 9.38 -67.65 N | 120.89 4.86 -71.31 N | 122.57 4.53 -76.07 N |
| GLENWOOD____5 23614 | 44.49 2.26 -18.07 N | 97.90 -0.36 -102.37 N | 47.65 1.83 -25.29 N | 28.81 0.57 -21.02 N | 18.78 0.82 -7.66 N | 100.67 -0.44 -107.76 N | 98.60 1.67 -76.55 N | 58.00 2.43 -28.08 N | 37.85 3.40 0.00 N | 102.23 1.97 -82.01 N | 122.05 2.49 -97.92 N | 111.25 2.16 -89.75 N | 116.37 3.36 -84.75 N | 116.38 3.51 -83.27 N | 113.45 3.02 -83.98 N | 116.20 11.31 -0.88 N | 118.71 9.93 -16.14 N | 123.71 10.55 -14.15 N | 121.87 11.26 -5.48 N | 125.39 11.05 -15.01 N | 119.62 11.94 -4.99 N | 156.88 9.38 -67.65 N | 120.89 4.86 -71.31 N | 122.57 4.53 -76.07 N |
| GLOBAL GREEN_PORT_GT1 23814 | 45.61 3.39 -18.07 N | 97.70 -0.56 -102.37 N | 48.62 2.80 -25.29 N | 29.13 0.88 -21.02 N | 19.25 1.29 -7.66 N | 100.53 -0.57 -107.76 N | 99.37 2.44 -76.55 N | 59.02 3.44 -28.08 N | 39.54 5.08 0.00 N | 103.30 3.03 -82.01 N | 123.25 3.69 -97.92 N | 112.19 3.10 -89.75 N | 117.92 4.91 -84.75 N | 117.94 5.07 -83.27 N | 114.89 4.46 -83.98 N | 121.76 16.87 -0.88 N | 123.88 15.10 -16.14 N | 129.82 16.65 -14.15 N | 128.50 17.89 -5.48 N | 131.51 17.17 -15.01 N | 125.82 18.14 -4.99 N | 161.00 13.50 -67.65 N | 122.83 6.80 -71.31 N | 124.43 6.40 -76.07 N |
| GOETHSLN____LBMP 323567 | 44.14 1.92 -18.07 N | 97.94 -0.30 -102.35 N | 47.39 1.57 -25.28 N | 28.72 0.48 -21.02 N | 18.65 0.68 -7.66 N | 100.65 -0.44 -107.74 N | 98.44 1.52 -76.54 N | 57.78 2.21 -28.08 N | 37.43 2.98 0.00 N | 100.27 1.68 -80.33 N | 119.31 2.15 -95.52 N | 111.00 1.93 -89.73 N | 114.78 2.96 -83.56 N | 69.41 3.06 -36.75 N | 102.20 2.61 -73.14 N | 111.56 9.63 2.07 N | 100.27 8.52 0.88 N | 107.97 8.96 0.00 N | 114.57 9.44 0.00 N | 108.78 9.44 0.00 N | 112.74 10.48 0.44 N | 156.01 8.53 -67.63 N | 120.53 4.52 -71.29 N | 122.12 4.10 -76.05 N |
| GOUDEY____7 23579 | 30.34 0.06 -6.12 N | 30.62 0.07 -34.65 N | 29.14 0.05 -8.56 N | 14.30 -0.04 -7.12 N | 12.82 -0.08 -2.59 N | 29.86 0.04 -36.48 N | 46.28 -0.01 -25.91 N | 36.89 -0.11 -9.51 N | 34.46 0.00 0.00 N | 45.42 -0.04 -27.20 N | 54.10 0.13 -32.34 N | 49.66 -0.06 -30.38 N | 56.50 -0.06 -28.31 N | 42.00 -0.05 -12.46 N | 51.08 -0.18 -24.80 N | 93.28 -1.01 9.71 N | 87.65 -0.85 4.14 N | 98.36 -0.66 0.00 N | 104.71 -0.42 0.00 N | 98.92 -0.41 0.00 N | 99.82 -0.70 2.19 N | 102.76 -0.02 -22.93 N | 69.06 0.17 -24.17 N | 68.07 0.34 -25.77 N |

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|---------------|-------|-------------------------|---------------------------|-------------------------|-------------------------|------------------------|----------------------------|-------------------------|-------------------------|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|----------------------------|
| 24118 | | 2.15 -18.07 | -0.34 -102.36 | 2.76 -25.28 | 0.54 -21.02 | 0.77 -7.66 | -0.48 -107.75 | 1.69 -76.54 | 2.45 -28.08 | 3.28 0.00 | 1.86 -80.33 | 2.37 -95.53 | 2.11 -89.74 | 3.22 -83.57 | 3.35 -36.75 | 2.82 -73.14 | 10.49 2.07 | 9.31 0.88 | 9.80 -0.01 | 10.33 -0.01 | 10.19 -0.01 | 11.13 0.44 | 8.99 -67.64 | 4.76 -71.30 | 4.35 -76.06 |
| GOWANUS_GT2_6 | 24119 | 44.37 2.15 -18.07 | 97.91 -0.34 -102.36 | 47.57 1.76 -25.28 | 28.78 0.54 -21.02 | 18.73 0.77 -7.66 | 100.61 -0.48 -107.75 | 98.61 1.69 -76.54 | 58.02 2.45 -28.08 | 37.74 3.28 0.00 | 100.45 1.86 -80.33 | 119.53 2.37 -95.53 | 111.19 2.11 -89.74 | 115.05 3.22 -83.57 | 69.70 3.35 -36.75 | 102.42 2.82 -73.14 | 112.43 10.49 2.07 | 101.07 9.31 0.88 | 108.82 9.80 -0.01 | 115.48 10.33 -0.01 | 109.53 10.19 -0.01 | 113.39 11.13 0.44 | 156.48 8.99 -67.64 | 120.78 4.76 -71.30 | 122.37 4.35 -76.06 |
| GOWANUS_GT2_7 | 24120 | 44.37 2.15 -18.07 | 97.91 -0.34 -102.36 | 47.57 1.76 -25.28 | 28.78 0.54 -21.02 | 18.73 0.77 -7.66 | 100.61 -0.48 -107.75 | 98.61 1.69 -76.54 | 58.02 2.45 -28.08 | 37.74 3.28 0.00 | 100.45 1.86 -80.33 | 119.53 2.37 -95.53 | 111.19 2.11 -89.74 | 115.05 3.22 -83.57 | 69.70 3.35 -36.75 | 102.42 2.82 -73.14 | 112.43 10.49 2.07 | 101.07 9.31 0.88 | 108.82 9.80 -0.01 | 115.48 10.33 -0.01 | 109.53 10.19 -0.01 | 113.39 11.13 0.44 | 156.48 8.99 -67.64 | 120.78 4.76 -71.30 | 122.37 4.35 -76.06 |
| GOWANUS_GT2_8 | 24121 | 44.37 2.15 -18.07 | 97.91 -0.34 -102.36 | 47.57 1.76 -25.28 | 28.78 0.54 -21.02 | 18.73 0.77 -7.66 | 100.61 -0.48 -107.75 | 98.61 1.69 -76.54 | 58.02 2.45 -28.08 | 37.74 3.28 0.00 | 100.45 1.86 -80.33 | 119.53 2.37 -95.53 | 111.19 2.11 -89.74 | 115.05 3.22 -83.57 | 69.70 3.35 -36.75 | 102.42 2.82 -73.14 | 112.43 10.49 2.07 | 101.07 9.31 0.88 | 108.82 9.80 -0.01 | 115.48 10.33 -0.01 | 109.53 10.19 -0.01 | 113.39 11.13 0.44 | 156.48 8.99 -67.64 | 120.78 4.76 -71.30 | 122.37 4.35 -76.06 |
| GOWANUS_GT3_1 | 24122 | 44.37 2.15 -18.07 | 97.91 -0.34 -102.36 | 47.58 1.76 -25.28 | 28.78 0.54 -21.02 | 18.73 0.77 -7.66 | 100.61 -0.48 -107.75 | 98.61 1.69 -76.54 | 58.02 2.45 -28.08 | 37.74 3.28 0.00 | 100.45 1.86 -80.33 | 119.53 2.37 -95.53 | 111.19 2.11 -89.74 | 115.05 3.22 -83.57 | 69.70 3.35 -36.75 | 102.42 2.82 -73.14 | 112.43 10.49 2.07 | 101.07 9.31 0.88 | 108.83 9.81 -0.01 | 115.48 10.33 -0.01 | 109.53 10.19 -0.01 | 113.39 11.13 0.44 | 156.48 8.99 -67.64 | 120.78 4.76 -71.30 | 122.37 4.35 -76.06 |
| GOWANUS_GT3_2 | 24123 | 44.37 2.15 -18.07 | 97.91 -0.34 -102.36 | 47.58 1.76 -25.28 | 28.78 0.54 -21.02 | 18.73 0.77 -7.66 | 100.61 -0.48 -107.75 | 98.61 1.69 -76.54 | 58.02 2.45 -28.08 | 37.74 3.28 0.00 | 100.45 1.86 -80.33 | 119.53 2.37 -95.53 | 111.19 2.11 -89.74 | 115.05 3.22 -83.57 | 69.70 3.35 -36.75 | 102.42 2.82 -73.14 | 112.43 10.49 2.07 | 101.07 9.31 0.88 | 108.83 9.81 -0.01 | 115.48 10.33 -0.01 | 109.53 10.19 -0.01 | 113.39 11.13 0.44 | 156.48 8.99 -67.64 | 120.78 4.76 -71.30 | 122.37 4.35 -76.06 |
| GOWANUS_GT3_3 | 24124 | 44.37 2.15 -18.07 | 97.91 -0.34 -102.36 | 47.58 1.76 -25.28 | 28.78 0.54 -21.02 | 18.73 0.77 -7.66 | 100.61 -0.48 -107.75 | 98.61 1.69 -76.54 | 58.02 2.45 -28.08 | 37.74 3.28 0.00 | 100.45 1.86 -80.33 | 119.53 2.37 -95.53 | 111.19 2.11 -89.74 | 115.05 3.22 -83.57 | 69.70 3.35 -36.75 | 102.42 2.82 -73.14 | 112.43 10.49 2.07 | 101.07 9.31 0.88 | 108.83 9.81 -0.01 | 115.48 10.33 -0.01 | 109.53 10.19 -0.01 | 113.39 11.13 0.44 | 156.48 8.99 -67.64 | 120.78 4.76 -71.30 | 122.37 4.35 -76.06</ |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------|-----------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| GOWANUS_GT4_3 24132 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| GOWANUS_GT4_4 24133 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| GOWANUS_GT4_5 24134 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| GOWANUS_GT4_6 24135 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| GOWANUS_GT4_7 24136 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| GOWANUS_GT4_8 24137 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| GREENIDGE___3 23582 | 27.26 -0.65 -3.75 N | 17.28 0.15 -21.24 N | 25.21 -0.57 -5.25 N | 11.33 -0.25 -4.36 N | 11.47 -0.42 -1.59 N | 15.97 0.27 -22.36 N | 35.41 -0.85 -15.88 N | 32.01 -1.31 -5.83 N | 33.00 -1.46 0.00 N | 34.01 -0.91 -16.67 N | 40.36 -1.09 -19.82 N | 36.83 -1.12 -18.62 N | 43.95 -1.66 -17.35 N | 35.56 -1.69 -7.65 N | 39.94 -1.75 -15.23 N | 84.09 -7.34 12.58 N | 81.14 -6.14 5.36 N | 93.16 -5.85 0.00 N | 99.10 -6.03 0.00 N | 93.44 -5.89 0.00 N | 93.62 -6.75 2.34 N | 89.17 -4.77 -14.09 N | 57.05 -2.52 -14.85 N | 55.83 -1.96 -15.83 N |
| GREENIDGE___4 23583 | 27.26 -0.65 -3.75 N | 17.28 0.15 -21.24 N | 25.21 -0.57 -5.25 N | 11.33 -0.25 -4.36 N | 11.47 -0.42 -1.59 N | 15.97 0.27 -22.36 N | 35.41 -0.85 -15.88 N | 32.01 -1.31 -5.83 N | 33.00 -1.46 0.00 N | 34.01 -0.91 -16.67 N | 40.36 -1.09 -19.82 N | 36.83 -1.12 -18.62 N | 43.95 -1.66 -17.35 N | 35.56 -1.69 -7.65 N | 39.94 -1.75 -15.23 N | 84.09 -7.34 12.58 N | 81.14 -6.14 5.36 N | 93.16 -5.85 0.00 N | 99.10 -6.03 0.00 N | 93.44 -5.89 0.00 N | 93.62 -6.75 2.34 N | 89.17 -4.77 -14.09 N | 57.05 -2.52 -14.85 N | 55.83 -1.96 -15.83 N |
| GROVEVILLE___HYD 323602 | 44.41 1.79 -18.47 N | 100.25 -0.28 -104.64 N | 47.82 1.44 -25.85 N | 29.16 0.45 -21.49 N | 18.80 0.66 -7.83 N | 103.10 -0.39 -110.15 N | 100.00 1.37 -78.24 N | 58.20 2.00 -28.70 N | 37.20 2.74 0.00 N | 101.91 1.52 -82.13 N | 121.22 1.93 -97.66 N | 112.79 1.71 -91.74 N | 116.20 2.59 -85.35 N | 69.82 2.70 -37.53 N | 103.45 2.30 -74.69 N | 110.48 8.52 2.04 N | 99.26 7.49 0.87 N | 107.01 8.00 0.00 N | 113.65 8.51 0.00 N | 107.74 8.41 0.00 N | 111.40 9.13 0.44 N | 156.29 7.37 -69.07 N | 121.42 3.89 -72.81 N | 123.30 3.58 -77.75 N |
| HAMPSHIRE___PAPER_HYD 323593 | 23.33 -0.82 0.00 N | -3.97 0.14 0.00 N | 19.81 -0.72 0.00 N | 6.99 -0.23 0.00 N | 9.97 -0.33 0.00 N | -6.44 0.22 0.00 N | 19.67 -0.71 0.00 N | 26.60 -0.89 0.00 N | 33.40 -1.06 0.00 N | 17.75 -0.51 0.00 N | 20.97 -0.67 0.00 N | 18.82 -0.52 0.00 N | 27.53 -0.73 0.00 N | 28.83 -0.76 0.00 N | 25.68 -0.77 0.00 N | 96.12 -3.47 4.43 N | 87.57 -3.19 1.88 N | 96.00 -3.01 0.00 N | 102.10 -3.03 0.00 N | 96.10 -3.23 0.00 N | 98.48 -3.43 0.79 N | 77.53 -2.32 0.00 N | 43.56 -1.16 0.00 N | 40.73 -1.23 0.00 N |
| HARZA MOOSE___RIVER 24016 | 24.01 -0.15 0.00 N | -4.07 0.03 0.00 N | 20.37 -0.16 0.00 N | 7.17 -0.06 0.00 N | 10.23 -0.08 0.00 N | -6.61 0.05 0.00 N | 20.24 -0.14 0.00 N | 27.35 -0.14 0.00 N | 34.36 -0.10 0.00 N | 18.25 -0.01 0.00 N | 21.61 -0.02 0.00 N | 19.34 0.00 0.00 N | 28.26 0.00 0.00 N | 29.60 0.01 0.00 N | 26.34 -0.11 0.00 N | 98.03 -1.02 4.96 N | 89.53 -1.00 2.11 N | 98.34 -0.67 0.00 N | 104.62 -0.51 0.00 N | 98.65 -0.68 0.00 N | 100.94 -0.87 0.89 N | 79.56 -0.29 0.00 N | 44.67 -0.05 0.00 N | 41.88 -0.08 0.00 N |
| HEMPSTEAD___ 23647 | 44.50 2.27 -18.07 N | 97.90 -0.37 -102.37 N | 47.65 1.83 -25.29 N | 28.81 0.56 -21.02 N | 18.78 0.81 -7.66 N | 100.72 -0.38 -107.76 N | 98.54 1.61 -76.55 N | 57.94 2.36 -28.08 N | 37.84 3.38 0.00 N | 102.27 2.00 -82.01 N | 122.07 2.52 -97.92 N | 111.24 2.15 -89.75 N | 116.42 3.41 -84.75 N | 116.43 3.56 -83.27 N | 113.52 3.08 -83.98 N | 116.40 11.51 -0.88 N | 118.87 10.08 -16.14 N | 123.78 10.61 -14.15 N | 121.98 11.37 -5.48 N | 125.50 11.16 -15.01 N | 119.82 12.13 -4.99 N | 156.83 9.34 -67.65 N | 120.82 4.80 -71.31 N | 122.57 4.53 -76.07 N |
| HICKLING___1 23621 | 29.17 0.22 -4.80 N | 23.18 0.12 -27.17 N | 27.41 0.17 -6.71 N | 12.76 -0.04 -5.58 N | 12.24 -0.10 -2.03 N | 21.97 0.03 -28.60 N | 40.78 0.08 -20.32 N | 34.86 -0.08 -7.45 N | 34.61 0.15 0.00 N | 39.60 0.02 -21.32 N | 47.30 0.31 -25.36 N | 43.16 0.00 -23.82 N | 50.49 0.03 -22.20 N | 39.39 0.02 -9.77 N | 45.74 -0.18 -19.46 N | 91.91 -0.84 11.25 N | 87.33 -0.51 4.79 N | 99.12 0.10 0.00 N | 105.82 0.69 0.00 N | 99.77 0.43 0.00 N | 99.90 -0.28 2.52 N | 98.52 0.67 -17.99 N | 64.20 0.51 -18.97 N | 62.96 0.78 -20.22 N |
| HICKLING___2 23622 | 29.17 0.22 -4.80 N | 23.18 0.12 -27.17 N | 27.41 0.17 -6.71 N | 12.76 -0.04 -5.58 N | 12.24 -0.10 -2.03 N | 21.97 0.03 -28.60 N | 40.78 0.08 -20.32 N | 34.86 -0.08 -7.45 N | 34.61 0.15 0.00 N | 39.60 0.02 -21.32 N | 47.30 0.31 -25.36 N | 43.16 0.00 -23.82 N | 50.49 0.03 -22.20 N | 39.39 0.02 -9.77 N | 45.74 -0.18 -19.46 N | 91.91 -0.84 11.25 N | 87.33 -0.51 4.79 N | 99.12 0.10 0.00 N | 105.82 0.69 0.00 N | 99.77 0.43 0.00 N | 99.90 -0.28 2.52 N | 98.52 0.67 -17.99 N | 64.20 0.51 -18.97 N | 62.96 0.78 -20.22 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 |
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| HIGH FALLS___HY 23754 | 44.38 2.03 -18.19 N | 98.61 -0.32 -103.04 N | 47.65 1.67 -25.45 N | 28.91 0.53 -21.16 N | 18.78 0.76 -7.71 N | 101.35 -0.46 -108.47 N | 98.98 1.55 -77.05 N | 58.01 2.25 -28.27 N | 37.53 3.08 0.00 N | 100.85 1.72 -80.87 N | 119.97 2.17 -96.16 N | 111.58 1.91 -90.34 N | 114.72 2.76 -83.70 N | 69.25 2.87 -36.79 N | 102.13 2.45 -73.22 N | 111.10 9.16 2.06 N | 99.90 8.14 0.88 N | 107.77 8.76 0.00 N | 114.41 9.28 0.00 N | 108.38 9.04 0.00 N | 112.02 9.76 0.44 N | 155.48 7.92 -67.71 N | 120.36 4.26 -71.38 N | 122.60 4.07 -76.56 N | | |
| HILLBURN___GT 23639 | 43.39 1.90 -17.34 N | 93.85 -0.30 -98.26 N | 46.36 1.56 -24.27 N | 27.88 0.48 -20.18 N | 18.34 0.68 -7.35 N | 96.34 -0.44 -103.43 N | 95.36 1.50 -73.47 N | 56.63 2.19 -26.96 N | 37.41 2.95 0.00 N | 97.02 1.64 -77.12 N | 115.41 2.08 -91.70 N | 107.33 1.85 -86.14 N | 111.29 2.81 -80.22 N | 67.77 2.90 -35.27 N | 99.13 2.46 -70.21 N | 110.93 9.04 2.11 N | 99.67 7.93 0.90 N | 107.45 8.44 0.00 N | 114.15 9.02 0.00 N | 108.28 8.95 0.00 N | 111.96 9.71 0.45 N | 152.60 7.83 -64.92 N | 117.31 4.15 -68.44 N | 118.82 3.84 -73.01 N | | |
| HOLTSVILLE_IC_1 23690 | 44.54 2.32 -18.07 N | 97.88 -0.38 -102.37 N | 47.72 1.90 -25.29 N | 28.82 0.58 -21.02 N | 18.81 0.85 -7.66 N | 100.82 -0.29 -107.76 N | 98.45 1.52 -76.55 N | 57.78 2.21 -28.08 N | 37.80 3.34 0.00 N | 102.31 2.04 -82.01 N | 122.02 2.46 -97.92 N | 111.11 2.02 -89.75 N | 116.36 3.36 -84.75 N | 116.37 3.49 -83.27 N | 113.51 3.08 -83.98 N | 116.24 11.35 -0.88 N | 118.62 9.84 -16.14 N | 123.39 10.22 -14.15 N | 121.56 10.95 -5.48 N | 125.17 10.83 -15.01 N | 119.56 11.87 -4.99 N | 156.32 8.82 -67.65 N | 120.45 4.42 -71.31 N | 122.41 4.38 -76.07 N | | |
| HOLTSVILLE_IC_10 23699 | 44.71 2.49 -18.07 N | 97.85 -0.41 -102.37 N | 47.87 2.05 -25.29 N | 28.87 0.63 -21.02 N | 18.88 0.92 -7.66 N | 100.78 -0.33 -107.76 N | 98.59 1.66 -76.55 N | 57.98 2.40 -28.08 N | 38.05 3.60 0.00 N | 102.44 2.17 -82.01 N | 122.17 2.61 -97.92 N | 111.26 2.17 -89.75 N | 116.60 3.59 -84.75 N | 116.60 3.73 -83.27 N | 113.73 3.30 -83.98 N | 117.09 12.20 -0.88 N | 119.38 10.60 -16.14 N | 124.25 11.08 -14.15 N | 122.55 11.94 -5.48 N | 126.09 11.75 -15.01 N | 120.50 12.81 -4.99 N | 157.01 9.52 -67.65 N | 120.81 4.79 -71.31 N | 122.77 4.74 -76.07 N | | |
| HOLTSVILLE_IC_2 23691 | 44.54 2.32 -18.07 N | 97.88 -0.38 -102.37 N | 47.72 1.90 -25.29 N | 28.82 0.58 -21.02 N | 18.81 0.85 -7.66 N | 100.82 -0.29 -107.76 N | 98.45 1.52 -76.55 N | 57.78 2.21 -28.08 N | 37.80 3.34 0.00 N | 102.31 2.04 -82.01 N | 122.02 2.46 -97.92 N | 111.11 2.02 -89.75 N | 116.36 3.36 -84.75 N | 116.37 3.49 -83.27 N | 113.51 3.08 -83.98 N | 116.24 11.35 -0.88 N | 118.62 9.84 -16.14 N | 123.39 10.22 -14.15 N | 121.56 10.95 -5.48 N | 125.17 10.83 -15.01 N | 119.56 11.87 -4.99 N | 156.32 8.82 -67.65 N | 120.45 4.42 -71.31 N | 122.41 4.38 -76.07 N | | |
| HOLTSVILLE_IC_3 23692 | 44.54 2.32 -18.07 N | 97.88 -0.38 -102.37 N | 47.72 1.90 -25.29 N | 28.82 0.58 -21.02 N | 18.81 0.85 -7.66 N | 100.82 -0.29 -107.76 N | 98.45 1.52 -76.55 N | 57.78 2.21 -28.08 N | 37.80 3.34 0.00 N | 102.31 2.04 -82.01 N | 122.02 2.46 -97.92 N | 111.11 2.02 -89.75 N | 116.36 3.36 -84.75 N | 116.37 3.49 -83.27 N | 113.51 3.08 -83.98 N | 116.24 11.35 -0.88 N | 118.62 9.84 -16.14 N | 123.39 10.22 -14.15 N | 121.56 10.95 -5.48 N | 125.17 10.83 -15.01 N | 119.56 11.87 -4.99 N | 156.32 8.82 -67.65 N | 120.45 4.42 -71.31 N | 122.41 4.38 -76.07 N | | |
| HOLTSVILLE_IC_4 23693 | 44.54 2.32 -18.07 N | 97.88 -0.38 -102.37 N | 47.72 1.90 -25.29 N | 28.82 0.58 -21.02 N | 18.81 0.85 -7.66 N | 100.82 -0.29 -107.76 N | 98.45 1.52 -76.55 N | 57.78 2.21 -28.08 N | 37.80 3.34 0.00 N | 102.31 2.04 -82.01 N | 122.02 2.46 -97.92 N | 111.11 2.02 -89.75 N | 116.36 3.36 -84.75 N | 116.37 3.49 -83.27 N | 113.51 3.08 -83.98 N | 116.24 11.35 -0.88 N | 118.62 9.84 -16.14 N | 123.39 10.22 -14.15 N | 121.56 10.95 -5.48 N | 125.17 10.83 -15.01 N | 119.56 11.87 -4.99 N | 156.32 8.82 -67.65 N | 120.45 4.42 -71.31 N | 122.41 4.38 -76.07 N | | |
| HOLTSVILLE_IC_5 23694 | 44.54 2.32 -18.07 N | 97.88 -0.38 -102.37 N | 47.72 1.90 -25.29 N | 28.82 0.58 -21.02 N | 18.81 0.85 -7.66 N | 100.82 -0.29 -107.76 N | 98.45 1.52 -76.55 N | 57.78 2.21 -28.08 N | 37.80 3.34 0.00 N | 102.31 2.04 -82.01 N | 122.02 2.46 -97.92 N | 111.11 2.02 -89.75 N | 116.36 3.36 -84.75 N | 116.37 3.49 -83.27 N | 113.51 3.08 -83.98 N | 116.24 11.35 -0.88 N | 118.62 9.84 -16.14 N | 123.39 10.22 -14.15 N | 121.56 10.95 -5.48 N | 125.17 10.83 -15.01 N | 119.56 11.87 -4.99 N | 156.32 8.82 -67.65 N | 120.45 4.42 -71.31 N | 122.41 4.38 -76.07 N | | |
| HOLTSVILLE_IC_6 23695 | 44.71 2.49 -18.07 N | 97.85 -0.41 -102.37 N | 47.87 2.05 -25.29 N | 28.87 0.63 -21.02 N | 18.88 0.92 -7.66 N | 100.78 -0.33 -107.76 N | 98.59 1.66 -76.55 N | 57.98 2.40 -28.08 N | 38.05 3.60 0.00 N | 102.44 2.17 -82.01 N | 122.17 2.61 -97.92 N | 111.26 2.17 -89.75 N | 116.60 3.59 -84.75 N | 116.60 3.73 -83.27 N | 113.73 3.30 -83.98 N | 117.09 12.20 -0.88 N | 119.38 10.60 -16.14 N | 124.25 11.08 -14.15 N | 122.55 11.94 -5.48 N | 126.09 11.75 -15.01 N | 120.50 12.81 -4.99 N | 157.01 9.52 -67.65 N | 120.81 4.79 -71.31 N | 122.77 4.74 -76.07 N | | |
| HOLTSVILLE_IC_7 23696 | 44.71 2.49 -18.07 N | 97.85 -0.41 -102.37 N | 47.87 2.05 -25.29 N | 28.87 0.63 -21.02 N | 18.88 0.92 -7.66 N | 100.78 -0.33 -107.76 N | 98.59 1.66 -76.55 N | 57.98 2.40 -28.08 N | 38.05 3.60 0.00 N | 102.44 2.17 -82.01 N | 122.17 2.61 -97.92 N | 111.26 2.17 -89.75 N | 116.60 3.59 -84.75 N | 116.60 3.73 -83.27 N | 113.73 3.30 -83.98 N | 117.09 12.20 -0.88 N | 119.38 10.60 -16.14 N | 124.25 11.08 -14.15 N | 122.55 11.94 -5.48 N | 126.09 11.75 -15.01 N | 120.50 12.81 -4.99 N | 157.01 9.52 -67.65 N | 120.81 4.79 -71.31 N | 122.77 4.74 -76.07 N | | |
| HOLTSVILLE_IC_8 23697 | 44.71 2.49 -18.07 N | 97.85 -0.41 -102.37 N | 47.87 2.05 -25.29 N | 28.87 0.63 -21.02 N | 18.88 0.92 -7.66 N | 100.78 -0.33 -107.76 N | 98.59 1.66 -76.55 N | 57.98 2.40 -28.08 N | 38.05 3.60 0.00 N | 102.44 2.17 -82.01 N | 122.17 2.61 -97.92 N | 111.26 2.17 -89.75 N | 116.60 3.59 -84.75 N | 116.60 3.73 -83.27 N | 113.73 3.30 -83.98 N | 117.09 12.20 -0.88 N | 119.38 10.60 -16.14 N | 124.25 11.08 -14.15 N | 122.55 11.94 -5.48 N | 126.09 11.75 -15.01 N | 120.50 12.81 -4.99 N | 157.01 9.52 -67.65 N | 120.81 4.79 -71.31 N | 122.77 4.74 -76.07 N | | |
| HOLTSVILLE_IC_9 23698 | 44.71 2.49 -18.07 N | 97.85 -0.41 -102.37 N | 47.87 2.05 -25.29 N | 28.87 0.63 -21.02 N | 18.88 0.92 -7.66 N | 100.78 -0.33 -107.76 N | 98.59 1.66 -76.55 N | 57.98 2.40 -28.08 N | 38.05 3.60 0.00 N | 102.44 2.17 -82.01 N | 122.17 2.61 -97.92 N | 111.26 2.17 -89.75 N | 116.60 3.59 -84.75 N | 116.60 3.73 -83.27 N | 113.73 3.30 -83.98 N | 117.09 12.20 -0.88 N | 119.38 10.60 -16.14 N | 124.25 11.08 -14.15 N | 122.55 11.94 -5.48 N | 126.09 11.75 -15.01 N | 120.50 12.81 -4.99 N | 157.01 9.52 -67.65 N | 120.81 4.79 -71.31 N | 122.77 4.74 -76.07 N | | |
| HQ_GEN_CEDARS 23644 | 23.74 -0.42 0.00 N | -4.04 0.07 0.00 N | 20.17 -0.36 0.00 N | 7.11 -0.11 0.00 N | 10.16 -0.15 0.00 N | -6.55 0.11 0.00 N | 20.02 -0.37 0.00 N | 27.00 -0.49 0.00 N | 33.79 -0.67 0.00 N | 17.92 -0.34 0.00 N | 21.15 -0.48 0.00 N | 19.01 -0.33 0.00 N | 27.77 -0.48 0.00 N | 29.10 -0.49 0.00 N | 26.09 -0.36 0.00 N | 101.78 -0.90 1.32 N | 91.41 -0.66 0.56 N | 98.36 -0.65 0.00 N | 104.54 -0.59 0.00 N | 98.35 -0.98 0.00 N | 101.33 -1.13 0.24 N | 78.69 -1.17 0.00 N | 43.97 -0.75 0.00 N | 41.16 -0.81 0.00 N | | |
| HQ_GEN_IMPORT | 23.73 | -4.05 | 20.18 | 7.12 | 10.17 | 4.38 | 20.09 | 27.09 | 33.88 | 17.97 | 21.24 | 19.01 | 27.77 | 29.09 | 26.10 | 109.82 | 92.05 | 69.00 | 69.00 | 98.51 | 101.79 | 78.82 | 55.50 | -4.14 | | |

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|---------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|
| 323601 | -0.43 0.00 N | 0.06 0.00 N | -0.35 0.00 N | -0.10 0.00 N | -0.14 0.00 N | -0.20 13.96 N | -0.29 0.00 N | -0.40 0.00 N | -0.57 0.00 N | -0.29 0.00 N | -0.39 0.00 N | -0.33 0.00 N | -0.49 0.00 N | -0.50 0.00 N | -0.35 0.00 N | -0.54 -3.12 N | -0.59 0.00 N | -0.95 38.75 N | -0.50 41.64 N | -0.82 0.00 N | -0.92 0.00 N | -1.04 0.00 N | -1.23 1.38 N | -0.09 7.74 N |
| HQ_GEN_WHEEL 23651 | 23.73 -0.43 0.00 N | -4.05 0.06 0.00 N | 20.18 -0.35 0.00 N | 7.12 -0.10 0.00 N | 10.17 -0.14 0.00 N | 4.38 -0.20 13.96 N | 20.09 -0.29 0.00 N | 27.09 -0.40 0.00 N | 33.88 -0.57 0.00 N | 17.97 -0.29 0.00 N | 21.24 -0.39 0.00 N | 19.01 -0.33 0.00 N | 27.77 -0.49 0.00 N | 29.09 -0.50 0.00 N | 26.10 -0.35 0.00 N | 109.82 -0.54 -3.12 N | 92.05 -0.59 0.00 N | 98.33 -0.68 0.00 N | 104.47 -0.66 0.00 N | 98.51 -0.82 0.00 N | 101.79 -0.92 0.00 N | 78.82 -1.04 0.00 N | 43.94 -0.78 0.00 N | -4.14 -0.09 0.00 N |
| HUDSON_AVE_GT_3 23810 | 44.28 2.06 -18.07 N | 97.92 -0.32 -102.35 N | 47.50 1.69 -25.28 N | 28.76 0.52 -21.02 N | 18.71 0.74 -7.66 N | 100.62 -0.47 -107.74 N | 98.54 1.62 -76.54 N | 57.92 2.35 -28.08 N | 37.64 3.18 0.00 N | 100.37 1.78 -80.33 N | 119.43 2.27 -95.52 N | 111.10 2.03 -89.73 N | 114.92 3.10 -83.56 N | 69.56 3.21 -36.75 N | 102.35 2.75 -73.14 N | 112.13 10.20 2.07 N | 100.74 8.98 0.88 N | 108.49 9.48 0.00 N | 115.13 10.00 0.00 N | 109.27 9.94 0.00 N | 113.18 10.92 0.44 N | 156.32 8.84 -67.63 N | 120.71 4.70 -71.29 N | 122.30 4.28 -76.05 N |
| HUDSON_AVE_GT_4 23540 | 44.28 2.06 -18.07 N | 97.92 -0.32 -102.35 N | 47.50 1.69 -25.28 N | 28.76 0.52 -21.02 N | 18.71 0.74 -7.66 N | 100.62 -0.47 -107.74 N | 98.54 1.62 -76.54 N | 57.92 2.35 -28.08 N | 37.64 3.18 0.00 N | 100.37 1.78 -80.33 N | 119.43 2.27 -95.52 N | 111.10 2.03 -89.73 N | 114.92 3.10 -83.56 N | 69.56 3.21 -36.75 N | 102.35 2.75 -73.14 N | 112.13 10.20 2.07 N | 100.74 8.98 0.88 N | 108.49 9.48 0.00 N | 115.13 10.00 0.00 N | 109.27 9.94 0.00 N | 113.18 10.92 0.44 N | 156.32 8.84 -67.63 N | 120.71 4.70 -71.29 N | 122.30 4.28 -76.05 N |
| HUDSON_AVE_GT_5 23657 | 44.28 2.06 -18.07 N | 97.92 -0.32 -102.35 N | 47.50 1.69 -25.28 N | 28.76 0.52 -21.02 N | 18.71 0.74 -7.66 N | 100.62 -0.47 -107.74 N | 98.54 1.62 -76.54 N | 57.92 2.35 -28.08 N | 37.64 3.18 0.00 N | 100.37 1.78 -80.33 N | 119.43 2.27 -95.52 N | 111.10 2.03 -89.73 N | 114.92 3.10 -83.56 N | 69.56 3.21 -36.75 N | 102.35 2.75 -73.14 N | 112.13 10.20 2.07 N | 100.74 8.98 0.88 N | 108.49 9.48 0.00 N | 115.13 10.00 0.00 N | 109.27 9.94 0.00 N | 113.18 10.92 0.44 N | 156.32 8.84 -67.63 N | 120.71 4.70 -71.29 N | 122.30 4.28 -76.05 N |
| HUDSON_AVE_10 24168 | 44.21 1.98 -18.07 N | 97.93 -0.31 -102.35 N | 47.43 1.61 -25.28 N | 28.73 0.50 -21.02 N | 18.67 0.70 -7.66 N | 100.65 -0.44 -107.74 N | 98.48 1.56 -76.54 N | 57.84 2.26 -28.08 N | 37.53 3.07 0.00 N | 100.31 1.72 -80.33 N | 119.33 2.18 -95.52 N | 111.03 1.96 -89.73 N | 114.83 3.01 -83.56 N | 69.46 3.11 -36.75 N | 102.26 2.66 -73.14 N | 111.77 9.83 2.07 N | 100.41 8.65 0.88 N | 108.17 9.16 0.00 N | 114.78 9.65 0.00 N | 108.94 9.61 0.00 N | 112.82 10.56 0.44 N | 156.02 8.54 -67.63 N | 120.56 4.55 -71.29 N | 122.15 4.13 -76.05 N |
| HUNTLEY___63 23557 | 25.39 -1.89 -3.13 N | 13.86 0.26 -17.71 N | 23.25 -1.66 -4.37 N | 10.30 -0.56 -3.64 N | 10.75 -0.87 -1.33 N | 12.59 0.60 -18.64 N | 31.55 -2.08 -13.24 N | 29.27 -3.08 -4.86 N | 30.73 -3.73 0.00 N | 29.87 -2.29 -13.90 N | 35.58 -2.59 -16.53 N | 32.42 -2.44 -15.53 N | 39.22 -3.51 -14.47 N | 32.32 -3.65 -6.37 N | 35.56 -3.58 -12.69 N | 76.21 -14.24 13.56 N | 74.85 -12.02 5.77 N | 87.31 -11.70 0.00 N | 92.53 -12.60 0.00 N | 87.22 -12.11 0.00 N | 82.03 -13.48 7.19 N | 82.10 -9.48 -11.74 N | 52.10 -4.99 -12.37 N | 51.55 -3.60 -13.19 N |
| HUNTLEY___64 23558 | 25.39 -1.89 -3.13 N | 13.86 0.26 -17.71 N | 23.25 -1.66 -4.37 N | 10.30 -0.56 -3.64 N | 10.75 -0.87 -1.33 N | 12.59 0.60 -18.64 N | 31.55 -2.08 -13.24 N | 29.27 -3.08 -4.86 N | 30.73 -3.73 0.00 N | 29.87 -2.29 -13.90 N | 35.58 -2.59 -16.53 N | 32.42 -2.44 -15.53 N | 39.22 -3.51 -14.47 N | 32.32 -3.65 -6.37 N | 35.56 -3.58 -12.69 N | 76.21 -14.24 13.56 N | 74.85 -12.02 5.77 N | 87.31 -11.70 0.00 N | 92.53 -12.60 0.00 N | 87.22 -12.11 0.00 N | 82.03 -13.48 7.19 N | 82.10 -9.48 -11.74 N | 52.10 -4.99 -12.37 N | 51.55 -3.60 -13.19 N |
| HUNTLEY___65 23559 | 25.39 -1.89 -3.13 N | 13.86 0.26 -17.71 N | 23.25 -1.66 -4.37 N | 10.30 -0.56 -3.64 N | 10.75 -0.87 -1.33 N | 12.59 0.60 -18.64 N | 31.55 -2.08 -13.24 N | 29.27 -3.08 -4.86 N | 30.73 -3.73 0.00 N | 29.87 -2.29 -13.90 N | 35.58 -2.59 -16.53 N | 32.42 -2.44 -15.53 N | 39.22 -3.51 -14.47 N | 32.32 -3.65 -6.37 N | 35.56 -3.58 -12.69 N | 76.21 -14.24 13.56 N | 74.85 -12.02 5.77 N | 87.31 -11.70 0.00 N | 92.53 -12.60 0.00 N | 87.22 -12.11 0.00 N | 82.03 -13.48 7.19 N | 82.10 -9.48 -11.74 N | 52.10 -4.99 -12.37 N | 51.55 -3.60 -13.19 N |
| HUNTLEY___66 23560 | 25.39 -1.89 -3.13 N | 13.86 0.26 -17.71 N | 23.25 -1.66 -4.37 N | 10.30 -0.56 -3.64 N | 10.75 -0.87 -1.33 N | 12.59 0.60 -18.64 N | 31.55 -2.08 -13.24 N | 29.27 -3.08 -4.86 N | 30.73 -3.73 0.00 N | 29.87 -2.29 -13.90 N | 35.58 -2.59 -16.53 N | 32.42 -2.44 -15.53 N | 39.22 -3.51 -14.47 N | 32.32 -3.65 -6.37 N | 35.56 -3.58 -12.69 N | 76.21 -14.24 13.56 N | 74.85 -12.02 5.77 N | 87.31 -11.70 0.00 N | 92.53 -12.60 0.00 N | 87.22 -12.11 0.00 N | 82.03 -13.48 7.19 N | 82.10 -9.48 -11.74 N | 52.10 -4.99 -12.37 N | 51.55 -3.60 -13.19 N |
| HUNTLEY___67 23561 | 25.07 -2.27 -3.19 N | 14.27 0.33 -18.05 N | 23.02 -1.97 -4.46 N | 10.25 -0.68 -3.71 N | 10.62 -1.04 -1.35 N | 13.06 0.71 -19.00 N | 31.51 -2.37 -13.50 N | 28.96 -3.48 -4.95 N | 30.22 -4.24 0.00 N | 29.89 -2.55 -14.17 N | 35.60 -2.88 -16.85 N | 32.45 -2.72 -15.83 N | 39.10 -3.91 -14.75 N | 32.02 -4.07 -6.50 N | 35.44 -3.96 -12.94 N | 74.82 -15.71 13.48 N | 73.50 -13.39 5.74 N | 85.67 -13.34 0.00 N | 90.85 -14.28 0.00 N | 85.69 -13.65 0.00 N | 80.56 -15.00 7.14 N | 81.13 -10.68 -11.96 N | 51.68 -5.65 -12.61 N | 51.15 -4.26 -13.44 N |
| HUNTLEY___68 23562 | 25.07 -2.27 -3.19 N | 14.27 0.33 -18.05 N | 23.02 -1.97 -4.46 N | 10.25 -0.68 -3.71 N | 10.62 -1.04 -1.35 N | 13.06 0.71 -19.00 N | 31.51 -2.37 -13.50 N | 28.96 -3.48 -4.95 N | 30.22 -4.24 0.00 N | 29.89 -2.55 -14.17 N | 35.60 -2.88 -16.85 N | 32.45 -2.72 -15.83 N | 39.10 -3.91 -14.75 N | 32.02 -4.07 -6.50 N | 35.44 -3.96 -12.94 N | 74.82 -15.71 13.48 N | 73.50 -13.39 5.74 N | 85.67 -13.34 0.00 N | 90.85 -14.28 0.00 N | 85.69 -13.65 0.00 N | 80.56 -15.00 7.14 N | 81.13 -10.68 -11.96 N | 51.68 -5.65 -12.61 N | 51.15 -4.26 -13.44 N |
| INDECK___CORINTH 23802 | 48.15 0.27 -23.73 N | 130.21 -0.10 -134.42 N | 53.98 0.24 -33.20 N | 34.93 0.11 -27.60 N | 20.50 0.13 -10.06 N | 134.69 -0.16 -141.50 N | 121.32 0.41 -100.52 N | 65.10 0.74 -36.88 N | 35.55 1.09 0.00 N | 124.44 0.68 -105.50 N | 147.94 0.85 -125.46 N | 137.83 0.64 -117.85 N | 139.32 1.11 -109.95 N | 79.04 1.08 -48.36 N | 123.82 1.12 -96.25 N | 106.78 4.49 1.71 N | 95.28 3.37 0.73 N | 102.79 3.78 0.00 N | 109.01 3.87 0.00 N | 103.18 3.85 0.00 N | 106.66 4.27 0.31 N | 172.55 3.69 -89.00 N | 140.28 1.74 -93.82 N | 143.17 1.32 -99.88 N |
| INDECK___ILION 23567 | 24.55 0.80 0.40 N | -6.52 -0.12 2.29 N | 20.63 0.66 0.57 N | 6.97 0.22 0.47 N | 10.45 0.32 0.17 N | -9.28 -0.21 2.41 N | 19.34 0.67 1.71 N | 27.80 0.94 0.63 N | 35.74 1.28 0.00 N | 17.16 0.70 1.80 N | 20.34 0.85 2.14 N | 18.09 0.76 2.01 N | 27.52 1.13 1.86 N | 29.95 1.17 0.82 N | 25.89 1.06 1.63 N | 106.34 3.95 1.62 N | 95.33 3.38 0.69 N | 102.64 3.63 0.00 N | 108.97 3.84 0.00 N | 103.00 3.67 0.00 N | 106.25 3.84 0.29 N | 81.44 3.10 1.51 N | 44.94 1.81 1.59 N | 41.91 1.65 1.70 N |

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| INDECK____OLEAN 23982 | 26.60 -1.14 -3.58 N | 16.47 0.30 -20.27 N | 24.47 -1.07 -5.01 N | 10.93 -0.46 -4.16 N | 11.12 -0.70 -1.52 N | 15.11 0.42 -21.34 N | 34.35 -1.19 -15.16 N | 31.22 -1.83 -5.56 N | 32.48 -1.98 0.00 N | 33.01 -1.17 -15.91 N | 39.56 -0.99 -18.92 N | 35.92 -1.19 -17.77 N | 43.19 -1.63 -16.56 N | 35.15 -1.74 -7.30 N | 39.14 -1.85 -14.53 N | 83.61 -7.42 12.98 N | 80.91 -6.21 5.53 N | 93.75 -5.26 0.00 N | 100.14 -4.99 0.00 N | 94.49 -4.84 0.00 N | 90.18 -6.16 6.37 N | 89.56 -3.72 -13.43 N | 56.89 -1.99 -14.16 N | 55.63 -1.43 -15.09 N |
| INDECK____OSWEGO 23783 | 25.07 -0.70 -1.62 N | 5.17 0.12 -9.16 N | 22.18 -0.62 -2.26 N | 8.88 -0.22 -1.88 N | 10.66 -0.33 -0.69 N | 3.20 0.21 -9.64 N | 26.54 -0.69 -6.85 N | 29.00 -1.00 -2.51 N | 33.16 -1.29 0.00 N | 24.71 -0.74 -7.19 N | 29.32 -0.86 -8.55 N | 26.60 -0.77 -8.03 N | 34.62 -1.12 -7.48 N | 31.59 -1.20 -3.19 N | 31.58 -1.20 -6.32 N | 81.78 -5.41 16.82 N | 80.75 -4.72 7.16 N | 94.24 -4.77 0.00 N | 100.06 -5.07 0.00 N | 94.50 -4.84 0.00 N | 94.54 -5.20 2.96 N | 81.84 -3.85 -5.84 N | 49.04 -1.84 -6.16 N | 47.04 -1.49 -6.57 N |
| INDECK____YERKES 23781 | 25.39 -1.89 -3.13 N | 13.86 0.26 -17.71 N | 23.25 -1.66 -4.37 N | 10.30 -0.56 -3.64 N | 10.75 -0.87 -1.33 N | 12.59 0.60 -18.64 N | 31.55 -2.08 -13.24 N | 29.27 -3.08 -4.86 N | 30.73 -3.73 0.00 N | 29.87 -2.29 -13.90 N | 35.58 -2.59 -16.53 N | 32.42 -2.44 -15.53 N | 39.22 -3.51 -14.47 N | 32.32 -3.65 -6.37 N | 35.56 -3.58 -12.69 N | 76.21 -14.24 13.56 N | 74.85 -12.02 5.77 N | 87.31 -11.70 0.00 N | 92.53 -12.60 0.00 N | 87.22 -12.11 0.00 N | 82.03 -13.48 7.19 N | 82.10 -9.48 -11.74 N | 52.10 -4.99 -12.37 N | 51.55 -3.60 -13.19 N |
| INDIAN POINT_GT_1 24139 | 43.91 1.84 -17.92 N | 97.12 -0.30 -101.53 N | 47.11 1.50 -25.08 N | 28.54 0.47 -20.85 N | 18.57 0.66 -7.60 N | 99.80 -0.42 -106.87 N | 97.74 1.44 -75.92 N | 57.44 2.10 -27.85 N | 37.30 2.85 0.00 N | 99.53 1.59 -79.68 N | 118.40 2.01 -94.75 N | 110.13 1.79 -89.01 N | 113.88 2.73 -82.89 N | 68.87 2.82 -36.45 N | 101.42 2.41 -72.55 N | 110.85 8.93 2.08 N | 99.55 7.79 0.89 N | 107.26 8.25 0.00 N | 113.92 8.78 0.00 N | 108.05 8.71 0.00 N | 111.74 9.48 0.44 N | 154.61 7.68 -67.09 N | 119.51 4.07 -70.72 N | 121.16 3.75 -75.44 N |
| INDIAN POINT_GT_2 23659 | 43.91 1.84 -17.92 N | 97.12 -0.30 -101.53 N | 47.11 1.50 -25.08 N | 28.54 0.47 -20.85 N | 18.57 0.66 -7.60 N | 99.80 -0.42 -106.87 N | 97.74 1.44 -75.92 N | 57.44 2.10 -27.85 N | 37.30 2.85 0.00 N | 99.53 1.59 -79.68 N | 118.40 2.01 -94.75 N | 110.13 1.79 -89.01 N | 113.88 2.73 -82.89 N | 68.87 2.82 -36.45 N | 101.42 2.41 -72.55 N | 110.85 8.93 2.08 N | 99.55 7.79 0.89 N | 107.26 8.25 0.00 N | 113.92 8.78 0.00 N | 108.05 8.71 0.00 N | 111.74 9.48 0.44 N | 154.61 7.68 -67.09 N | 119.51 4.07 -70.72 N | 121.16 3.75 -75.44 N |
| INDIAN POINT_GT_3 24019 | 43.91 1.84 -17.92 N | 97.12 -0.30 -101.53 N | 47.11 1.50 -25.08 N | 28.54 0.47 -20.85 N | 18.57 0.66 -7.60 N | 99.80 -0.42 -106.87 N | 97.74 1.44 -75.92 N | 57.44 2.10 -27.85 N | 37.30 2.85 0.00 N | 99.53 1.59 -79.68 N | 118.40 2.01 -94.75 N | 110.13 1.79 -89.01 N | 113.88 2.73 -82.89 N | 68.87 2.82 -36.45 N | 101.42 2.41 -72.55 N | 110.85 8.93 2.08 N | 99.55 7.79 0.89 N | 107.26 8.25 0.00 N | 113.92 8.78 0.00 N | 108.05 8.71 0.00 N | 111.74 9.48 0.44 N | 154.61 7.68 -67.09 N | 119.51 4.07 -70.72 N | 121.16 3.75 -75.44 N |
| INDIAN POINT____2 23530 | 43.68 1.79 -17.73 N | 96.04 -0.29 -100.44 N | 46.81 1.46 -24.81 N | 28.30 0.45 -20.62 N | 18.47 0.64 -7.52 N | 98.66 -0.41 -105.73 N | 96.89 1.40 -75.11 N | 57.10 2.06 -27.55 N | 37.24 2.79 0.00 N | 98.65 1.56 -78.83 N | 117.34 1.97 -93.74 N | 109.14 1.75 -88.06 N | 112.93 2.67 -82.00 N | 68.42 2.76 -36.06 N | 100.58 2.35 -71.77 N | 110.55 8.63 2.09 N | 99.31 7.56 0.89 N | 107.02 8.01 0.00 N | 113.64 8.51 0.00 N | 107.80 8.46 0.00 N | 111.50 9.24 0.45 N | 153.69 7.47 -66.37 N | 118.65 3.97 -69.96 N | 120.23 3.64 -74.63 N |
| INDIAN POINT____3 23531 | 43.84 1.76 -17.93 N | 97.17 -0.29 -101.56 N | 47.06 1.45 -25.09 N | 28.52 0.44 -20.85 N | 18.54 0.63 -7.60 N | 99.85 -0.40 -106.91 N | 97.71 1.38 -75.95 N | 57.37 2.02 -27.86 N | 37.20 2.74 0.00 N | 99.50 1.53 -79.71 N | 118.36 1.94 -94.78 N | 110.10 1.72 -89.04 N | 113.80 2.62 -82.92 N | 68.77 2.71 -36.47 N | 101.35 2.32 -72.58 N | 110.45 8.53 2.08 N | 99.21 7.45 0.89 N | 106.87 7.86 0.00 N | 113.50 8.37 0.00 N | 107.65 8.32 0.00 N | 111.33 9.07 0.44 N | 154.32 7.36 -67.11 N | 119.37 3.90 -70.75 N | 121.02 3.59 -75.47 N |
| IP CORINTH____1 23988 | 48.31 0.42 -23.73 N | 130.19 -0.13 -134.42 N | 54.10 0.36 -33.20 N | 34.97 0.14 -27.60 N | 20.55 0.18 -10.06 N | 134.65 -0.19 -141.50 N | 121.42 0.51 -100.52 N | 65.22 0.85 -36.88 N | 35.65 1.20 0.00 N | 124.51 0.74 -105.50 N | 148.02 0.93 -125.46 N | 137.93 0.74 -117.85 N | 139.47 1.26 -109.95 N | 79.18 1.22 -48.36 N | 123.95 1.24 -96.25 N | 107.26 4.96 1.71 N | 95.65 3.74 0.73 N | 103.18 4.17 0.00 N | 109.47 4.34 0.00 N | 103.63 4.29 0.00 N | 107.17 4.77 0.31 N | 172.95 4.10 -89.00 N | 140.53 1.99 -93.82 N | 143.43 1.58 -99.88 N |
| IP____TICONDEROGA 23804 | 48.65 1.56 -22.93 N | 125.43 -0.36 -129.90 N | 53.98 1.36 -32.09 N | 34.42 0.52 -26.67 N | 20.72 0.69 -9.72 N | 129.53 -0.55 -136.74 N | 119.10 1.58 -97.14 N | 65.43 2.30 -35.64 N | 37.42 2.97 0.00 N | 121.90 1.68 -101.95 N | 144.83 1.96 -121.23 N | 134.89 1.66 -113.89 N | 137.16 2.67 -106.23 N | 79.03 2.72 -46.72 N | 122.22 2.77 -92.99 N | 113.45 11.18 1.74 N | 100.50 8.60 0.74 N | 108.08 9.07 0.00 N | 114.50 9.37 0.00 N | 108.50 9.17 0.00 N | 112.25 9.86 0.31 N | 174.37 8.53 -85.99 N | 139.83 4.47 -90.64 N | 142.34 3.85 -96.53 N |
| JARVIS____ 23743 | 23.97 0.22 0.40 N | -6.44 -0.04 2.29 N | 20.16 0.20 0.57 N | 6.82 0.07 0.47 N | 10.22 0.09 0.17 N | -9.13 -0.06 2.41 N | 18.87 0.20 1.71 N | 27.14 0.28 0.63 N | 34.83 0.38 0.00 N | 16.66 0.20 1.80 N | 19.73 0.24 2.14 N | 17.54 0.21 2.01 N | 26.70 0.30 1.86 N | 29.08 0.30 0.82 N | 25.09 0.27 1.63 N | 103.35 0.97 1.62 N | 92.78 0.84 0.69 N | 99.90 0.89 0.00 N | 106.06 0.93 0.00 N | 100.23 0.89 0.00 N | 103.34 0.92 0.29 N | 79.13 0.78 1.51 N | 43.58 0.45 1.59 N | 40.69 0.42 1.70 N |
| JENNISON____1 23625 | 31.40 0.91 -6.33 N | 31.68 -0.09 -35.88 N | 30.19 0.79 -8.86 N | 14.84 0.25 -7.37 N | 13.33 0.34 -2.69 N | 30.87 -0.24 -37.77 N | 48.01 0.79 -26.83 N | 38.34 1.01 -9.84 N | 35.88 1.42 0.00 N | 47.14 0.72 -28.16 N | 56.07 0.95 -33.49 N | 51.53 0.74 -31.46 N | 58.66 1.09 -29.31 N | 43.60 1.11 -12.90 N | 52.96 0.82 -25.68 N | 98.52 8.86 2.35 N | 91.98 2.90 3.56 N | 102.58 3.57 0.00 N | 109.37 4.23 0.00 N | 103.16 3.83 0.00 N | 104.43 3.50 1.78 N | 106.66 3.05 -23.75 N | 71.52 1.77 -25.03 N | 70.44 1.79 -26.68 N |
| JENNISON____2 23626 | 31.36 0.87 -6.33 N | 31.68 -0.08 -35.88 N | 30.16 0.76 -8.86 N | 14.82 0.23 -7.37 N | 13.31 0.32 -2.69 N | 30.88 -0.23 -37.77 N | 47.98 0.76 -26.83 N | 38.30 0.97 -9.84 N | 35.82 1.36 0.00 N | 47.10 0.68 -28.16 N | 56.03 0.91 -33.49 N | 51.50 0.71 -31.46 N | 58.61 1.04 -29.31 N | 43.55 1.05 -12.90 N | 52.91 0.77 -25.68 N | 98.34 2.68 8.35 N | 91.82 2.74 3.56 N | 102.39 3.38 0.00 N | 109.15 4.02 0.00 N | 102.98 3.64 0.00 N | 104.25 3.33 1.78 N | 106.51 2.91 -23.75 N | 71.44 1.68 -25.03 N | 70.37 1.72 -26.68 N |
| KEDC PORT_JEFF_GT2 24210 | 44.63 2.41 -18.07 N | 97.87 -0.40 -102.37 N | 47.80 1.98 -25.29 N | 28.85 0.60 -21.02 N | 18.85 0.89 -7.66 N | 100.82 -0.29 -107.76 N | 98.51 1.58 -76.55 N | 57.89 2.31 -28.08 N | 37.95 3.49 0.00 N | 102.37 2.10 -82.01 N | 122.05 2.49 -97.92 N | 111.14 2.05 -89.75 N | 116.46 3.45 -84.75 N | 116.46 3.59 -83.27 N | 113.62 3.19 -83.98 N | 116.56 11.68 -0.88 N | 118.84 10.06 -16.14 N | 123.55 10.38 -14.15 N | 121.81 11.20 -5.48 N | 125.41 11.07 -15.01 N | 119.86 12.18 -4.99 N | 156.49 8.99 -67.65 N | 120.53 4.50 -71.31 N | 122.60 4.56 -76.07 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|------------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---|
| KEDC_PORT_JEFF_GT3 24211 | 44.63 2.41 -18.07 | 97.87 -0.40 -102.37 | 47.80 1.98 -25.29 | 28.85 0.60 -21.02 | 18.85 0.89 -7.66 | 100.82 -0.29 -107.76 | 98.51 1.58 -76.55 | 57.89 2.31 -28.08 | 37.95 3.49 0.00 | 102.37 2.10 -82.01 | 122.05 2.49 -97.92 | 111.14 2.05 -89.75 | 116.46 3.45 -84.75 | 116.46 3.59 -83.27 | 113.62 3.19 -83.98 | 116.56 11.68 -0.88 | 118.84 10.06 -16.14 | 123.55 10.38 -14.15 | 121.81 11.20 -5.48 | 125.41 11.07 -15.01 | 119.86 12.18 -4.99 | 156.49 8.99 -67.65 | 120.53 4.50 -71.31 | 122.60 4.56 -76.07 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| KEDC_GLWD_GT4 24219 | 44.49 2.26 -18.07 | 97.90 -0.36 -102.37 | 47.65 1.83 -25.29 | 28.81 0.57 -21.02 | 18.78 0.82 -7.66 | 100.67 -0.44 -107.76 | 98.60 1.67 -76.55 | 58.00 2.43 -28.08 | 37.85 3.40 0.00 | 102.23 1.97 -82.01 | 122.05 2.49 -97.92 | 111.25 2.16 -89.75 | 116.37 3.36 -84.75 | 116.37 3.50 -83.27 | 113.45 3.02 -83.98 | 116.19 11.30 -0.88 | 118.71 9.93 -16.14 | 123.70 10.53 -14.15 | 121.87 11.26 -5.48 | 125.39 11.05 -15.01 | 119.62 11.94 -4.99 | 156.88 9.38 -67.65 | 120.89 4.86 -71.31 | 122.57 4.53 -76.07 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| KEDC_GLWD_GT5 24220 | 44.49 2.26 -18.07 | 97.90 -0.36 -102.37 | 47.65 1.83 -25.29 | 28.81 0.57 -21.02 | 18.78 0.82 -7.66 | 100.67 -0.44 -107.76 | 98.60 1.67 -76.55 | 58.00 2.43 -28.08 | 37.85 3.40 0.00 | 102.23 1.97 -82.01 | 122.05 2.49 -97.92 | 111.25 2.16 -89.75 | 116.37 3.36 -84.75 | 116.37 3.50 -83.27 | 113.45 3.02 -83.98 | 116.19 11.30 -0.88 | 118.71 9.93 -16.14 | 123.70 10.53 -14.15 | 121.87 11.26 -5.48 | 125.39 11.05 -15.01 | 119.62 11.94 -4.99 | 156.88 9.38 -67.65 | 120.89 4.86 -71.31 | 122.57 4.53 -76.07 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| KENSICO____ 23655 | 44.12 1.92 -18.04 | 97.77 -0.31 -102.18 | 47.35 1.58 -25.24 | 28.70 0.49 -20.98 | 18.65 0.70 -7.65 | 100.47 -0.44 -107.57 | 98.31 1.51 -76.41 | 57.72 2.20 -28.03 | 37.43 2.98 0.00 | 100.12 1.66 -80.20 | 119.11 2.11 -95.36 | 110.79 1.86 -89.59 | 114.53 2.85 -83.43 | 69.23 2.95 -36.69 | 102.00 2.52 -73.02 | 111.30 9.36 2.07 | 99.96 8.20 0.88 | 107.69 8.68 0.00 | 114.35 9.22 0.00 | 108.45 9.11 0.00 | 112.20 9.95 0.44 | 155.40 8.02 -67.52 | 120.17 4.28 -71.18 | 121.82 3.92 -75.93 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| KIAC_JFK_GT1 23816 | 440.37 2.02 -414.20 | 144.64 -0.32 -149.06 | 144.32 1.63 -122.16 | 150.48 0.50 -142.75 | 150.33 0.71 -139.32 | 138.19 -0.44 -145.29 | 240.10 1.57 -218.14 | 143.03 2.28 -113.26 | 322.98 3.12 -285.41 | 206.17 1.72 -186.19 | 141.15 2.17 -117.35 | 330.52 1.99 -309.20 | 207.75 3.04 -176.45 | 290.35 3.15 -257.60 | 277.03 2.71 -247.86 | 360.67 9.92 -246.75 | 330.03 8.77 -228.63 | 415.42 9.36 -307.05 | 361.61 9.87 -246.61 | 367.44 9.79 -258.32 | 314.43 10.68 -201.05 | 327.68 8.60 -239.22 | 378.37 4.62 -329.03 | 485.48 4.19 -439.32 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| KIAC_JFK_GT2 23817 | 440.37 2.02 -414.20 | 144.64 -0.32 -149.06 | 144.32 1.63 -122.16 | 150.48 0.50 -142.75 | 150.33 0.71 -139.32 | 138.19 -0.44 -145.29 | 240.10 1.57 -218.14 | 143.03 2.28 -113.26 | 322.98 3.12 -285.41 | 206.17 1.72 -186.19 | 141.15 2.17 -117.35 | 330.52 1.99 -309.20 | 207.75 3.04 -176.45 | 290.35 3.15 -257.60 | 277.03 2.71 -247.86 | 360.67 9.92 -246.75 | 330.03 8.77 -228.63 | 415.42 9.36 -307.05 | 361.61 9.87 -246.61 | 367.44 9.79 -258.32 | 314.43 10.68 -201.05 | 327.68 8.60 -239.22 | 378.37 4.62 -329.03 | 485.48 4.19 -439.32 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| KINTIGH____ 23543 | 24.47 -2.41 -2.73 | 11.66 0.33 -15.44 | 22.27 -2.07 -3.81 | 9.68 -0.71 -3.17 | 10.40 -1.06 -1.16 | 10.32 0.72 -16.25 | 29.47 -2.46 -11.55 | 28.19 -3.54 -4.24 | 30.09 -4.36 0.00 | 27.81 -2.57 -12.12 | 33.04 -3.00 -14.41 | 30.11 -2.76 -13.54 | 36.87 -4.00 -12.62 | 31.00 -4.16 -5.56 | 33.54 -3.99 -11.07 | 73.95 -15.98 14.07 | 72.97 -13.68 5.99 | 85.24 -13.77 0.00 | 90.29 -14.84 0.00 | 85.16 -14.17 0.00 | 79.63 -15.42 7.65 | 78.85 -11.24 -10.24 | 49.53 -5.98 -10.79 | 48.78 -4.69 -11.50 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| LEDERLE____ 23769 | 43.69 2.06 -17.47 | 94.57 -0.33 -99.01 | 46.68 1.69 -24.46 | 28.08 0.52 -20.33 | 18.46 0.75 -7.41 | 97.09 -0.48 -104.22 | 96.04 1.62 -74.04 | 57.00 2.35 -27.16 | 37.62 3.17 0.00 | 97.72 1.75 -77.71 | 116.25 2.21 -92.40 | 108.10 1.97 -86.80 | 112.07 2.99 -80.83 | 68.22 3.08 -35.55 | 99.83 2.63 -70.75 | 111.61 9.71 2.11 | 100.26 8.52 0.90 | 108.09 9.08 0.00 | 114.87 9.74 0.00 | 108.95 9.62 0.00 | 112.64 10.39 0.45 | 153.63 8.36 -65.42 | 118.14 4.46 -68.96 | 119.63 4.10 -73.57 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| LINDEN COGEN____ 23786 | 44.14 1.92 -18.07 | 97.94 -0.30 -102.35 | 47.38 1.57 -25.28 | 28.72 0.48 -21.02 | 18.64 0.68 -7.66 | 100.66 -0.43 -107.74 | 98.42 1.50 -76.54 | 57.76 2.19 -28.08 | 37.41 2.95 0.00 | 100.26 1.67 -80.33 | 119.29 2.14 -95.52 | 110.99 1.92 -89.73 | 114.76 2.93 -83.56 | 69.38 3.04 -36.75 | 102.19 2.60 -73.14 | 111.54 9.60 2.07 | 100.22 8.46 0.88 | 107.94 8.93 0.00 | 114.53 9.39 0.00 | 108.73 9.40 0.00 | 112.74 10.48 0.44 | 156.01 8.52 -67.63 | 120.53 4.51 -71.29 | 122.11 4.09 -76.05 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| LIPA_MISC_IPP 23656 | 44.61 2.39 -18.07 | 97.86 -0.40 -102.37 | 47.81 1.99 -25.29 | 28.85 0.61 -21.02 | 18.85 0.89 -7.66 | 100.80 -0.31 -107.76 | 98.50 1.57 -76.55 | 57.81 2.23 -28.08 | 37.86 3.40 0.00 | 102.35 2.08 -82.01 | 122.06 2.51 -97.92 | 111.15 2.06 -89.75 | 116.42 3.41 -84.75 | 116.43 3.56 -83.27 | 113.57 3.13 -83.98 | 116.46 11.57 -0.88 | 118.85 10.07 -16.14 | 123.70 10.53 -14.15 | 121.89 11.28 -5.48 | 125.47 11.13 -15.01 | 119.84 12.15 -4.99 | 156.52 9.02 -67.65 | 120.53 4.50 -71.31 | 122.48 4.45 -76.07 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| LITTLE FALLS____HYD 24013 | 25.27 1.52 0.40 | -6.63 -0.23 2.29 | 21.24 1.28 0.57 | 7.17 0.42 0.47 | 10.74 0.61 0.17 | -9.48 -0.41 2.41 | 19.96 1.29 1.71 | 28.65 1.79 0.63 | 36.92 2.47 0.00 | 17.81 1.35 1.80 | 21.13 1.63 2.14 | 18.79 1.46 2.01 | 28.58 2.19 1.86 | 31.04 2.26 0.82 | 26.88 2.05 1.63 | 110.08 7.69 1.62 | 98.49 6.54 0.69 | 106.02 7.01 0.00 | 112.49 7.35 0.00 | 106.38 7.04 0.00 | 109.81 7.40 0.29 | 84.36 6.01 1.51 | 46.67 3.54 1.59 | 43.49 3.23 1.70 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| LONG_LAKE_PHOENIX 24014 | 25.26 -0.59 -1.69 | 5.58 0.10 -9.59 | 22.36 -0.54 -2.37 | 8.99 -0.20 -1.97 | 10.73 -0.29 -0.72 | 3.63 0.19 -10.09 | 26.93 -0.62 -7.17 | 29.21 -0.91 -2.63 | 33.30 -1.16 0.00 | 25.11 -0.67 -7.52 | 29.81 -0.77 -8.95 | 27.06 -0.68 -8.41 | 35.10 -0.99 -7.83 | 31.94 -1.04 -3.38 | 32.09 -1.06 -6.70 | 82.85 -4.77 16.38 | 81.59 -4.07 6.98 | 94.98 -4.04 0.00 | 100.83 -4.30 0.00 | 95.20 -4.13 0.00 | 95.32 -4.51 2.87 | 82.69 -3.36 -6.19 | 49.62 -1.63 -6.53 | 47.64 -1.29 -6.96 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| LOVETT____3 23632 | 43.32 1.62 -17.55 | 95.04 -0.26 -99.41 | 46.41 1.33 -24.56 | 28.03 0.40 -20.41 | 18.32 0.57 -7.44 | 97.64 -0.35 -104.65 | 95.93 1.21 -74.34 | 56.55 1.78 -27.27 | 36.92 2.46 0.00 | 97.64 1.36 -78.02 | 116.15 1.74 -92.78 | 108.03 1.54 -87.15 | 111.78 2.36 -81.16 | 67.73 2.44 -35.69 | 99.54 2.05 -71.03 | 109.35 7.45 2.10 | 98.21 6.47 0.90 | 105.82 6.81 0.00 | 112.37 7.24 0.00 | 106.58 7.24 0.00 | 110.27 8.02 0.45 | 152.03 6.49 -65.69 | 117.39 3.43 -69.24 | 118.99 3.16 -73.87 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| LOVETT____4 | 43.54 | 95.04 | 46.60 | 28.10 | 18.41 | 97.62 | 96.14 | 56.82 | 37.24 | 97.85 | 116.39 | 108.26 | 112.09 | 68.03 | 99.83 | 110.39 | 99.14 | 106.87 | 113.50 | 107.66 | 111.32 | 152.89 | 117.87 | 119.45 | |

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| 23642 | 1.83 -17.55 N | -0.29 -99.44 N | 1.51 -24.56 N | 0.46 -20.42 N | 0.66 -7.44 N | -0.41 -104.68 N | 1.40 -74.36 N | 2.04 -27.28 N | 2.78 0.00 N | 1.54 -78.05 N | 1.95 -92.81 N | 1.74 -87.19 N | 2.64 -81.19 N | 2.73 -35.70 N | 2.31 -71.06 N | 8.48 2.10 N | 7.40 0.89 N | 7.85 0.00 N | 8.37 0.00 N | 8.32 0.00 N | 9.07 0.45 N | 7.33 -65.71 N | 3.88 -69.27 N | 3.59 -73.90 N |
| LOVETT___5 23593 | 43.54 1.83 -17.55 N | 95.04 -0.29 -99.44 N | 46.60 1.51 -24.56 N | 28.10 0.46 -20.42 N | 18.41 0.66 -7.44 N | 97.62 -0.41 -104.68 N | 96.14 1.40 -74.36 N | 56.82 2.04 -27.28 N | 37.24 2.78 0.00 N | 97.85 1.54 -78.05 N | 116.39 1.95 -92.81 N | 108.26 1.74 -87.19 N | 112.09 2.64 -81.19 N | 68.03 2.73 -35.70 N | 99.83 2.31 -71.06 N | 110.39 8.48 2.10 N | 99.14 7.40 0.89 N | 106.87 7.85 0.00 N | 113.50 8.37 0.00 N | 107.66 8.32 0.00 N | 111.32 9.07 0.45 N | 152.89 7.33 -65.71 N | 117.87 3.88 -69.27 N | 119.45 3.59 -73.90 N |
| LOWER RAQUET___HYD 24057 | 23.19 -0.97 0.00 N | -3.95 0.16 0.00 N | 19.71 -0.82 0.00 N | 6.96 -0.26 0.00 N | 9.94 -0.37 0.00 N | -6.40 0.25 0.00 N | 19.58 -0.80 0.00 N | 26.48 -1.01 0.00 N | 33.19 -1.26 0.00 N | 17.63 -0.63 0.00 N | 20.77 -0.86 0.00 N | 18.69 -0.64 0.00 N | 27.34 -0.91 0.00 N | 28.65 -0.94 0.00 N | 25.66 -0.79 0.00 N | 98.78 -2.80 2.43 N | 89.21 -2.39 1.04 N | 96.63 -2.37 0.00 N | 102.69 -2.44 0.00 N | 96.54 -2.79 0.00 N | 99.31 -2.95 0.44 N | 77.31 -2.54 0.00 N | 43.26 -1.46 0.00 N | 40.36 -1.61 0.00 N |
| LOWER___HUDSON 24059 | 48.51 1.38 -22.98 N | 125.83 -0.25 -130.19 N | 53.82 1.12 -32.16 N | 34.34 0.39 -26.73 N | 20.59 0.54 -9.75 N | 129.99 -0.40 -137.05 N | 118.94 1.20 -97.35 N | 64.95 1.75 -35.72 N | 36.78 2.32 0.00 N | 121.72 1.28 -102.18 N | 144.69 1.55 -121.50 N | 134.84 1.36 -114.14 N | 136.86 2.10 -106.51 N | 78.55 2.11 -46.85 N | 121.65 1.96 -93.24 N | 109.83 7.55 1.72 N | 98.09 6.19 0.73 N | 105.67 6.66 0.00 N | 111.94 6.80 0.00 N | 106.00 6.66 0.00 N | 109.63 7.24 0.31 N | 172.11 6.04 -86.22 N | 138.96 3.36 -90.89 N | 141.71 3.01 -96.74 N |
| LWR___OSWEGATCHIE_HYD 23850 | 23.33 -0.82 0.00 N | -3.97 0.14 0.00 N | 19.81 -0.72 0.00 N | 6.99 -0.23 0.00 N | 9.97 -0.33 0.00 N | -6.44 0.22 0.00 N | 19.67 -0.71 0.00 N | 26.60 -0.89 0.00 N | 33.40 -1.06 0.00 N | 17.75 -0.51 0.00 N | 20.97 -0.67 0.00 N | 18.82 -0.52 0.00 N | 27.53 -0.73 0.00 N | 28.83 -0.76 0.00 N | 25.68 -0.77 0.00 N | 96.12 -3.47 4.43 N | 87.57 -3.19 1.88 N | 96.00 -3.01 0.00 N | 102.10 -3.03 0.00 N | 96.10 -3.23 0.00 N | 98.48 -3.43 0.79 N | 77.53 -2.32 0.00 N | 43.56 -1.16 0.00 N | 40.73 -1.23 0.00 N |
| LYONS_FALL_HYD 23570 | 24.01 -0.15 0.00 N | -4.07 0.03 0.00 N | 20.37 -0.16 0.00 N | 7.17 -0.06 0.00 N | 10.23 -0.08 0.00 N | -6.61 0.05 0.00 N | 20.24 -0.14 0.00 N | 27.35 -0.14 0.00 N | 34.36 -0.10 0.00 N | 18.25 -0.01 0.00 N | 21.61 -0.02 0.00 N | 19.34 0.00 0.00 N | 28.26 0.00 0.00 N | 29.60 0.01 0.00 N | 26.34 -0.11 0.00 N | 98.03 -1.02 4.96 N | 89.53 -1.00 2.11 N | 98.34 -0.67 0.00 N | 104.62 -0.51 0.00 N | 98.65 -0.68 0.00 N | 100.94 -0.87 0.89 N | 79.56 -0.29 0.00 N | 44.67 -0.05 0.00 N | 41.88 -0.08 0.00 N |
| MAPLE RIDGE_WT_1 323574 | 23.09 -0.08 0.98 N | -9.65 0.02 5.56 N | 19.10 -0.06 1.37 N | 6.07 -0.02 1.14 N | 9.87 -0.02 0.42 N | -12.49 0.02 5.85 N | 16.17 -0.06 4.15 N | 25.90 -0.06 1.52 N | 34.36 -0.09 0.00 N | 13.85 -0.05 4.36 N | 16.36 -0.08 5.18 N | 14.38 -0.09 4.87 N | 23.51 -0.22 4.53 N | 27.34 -0.27 1.99 N | 22.20 -0.29 3.96 N | 102.46 -0.69 0.86 N | 91.67 -0.61 0.37 N | 98.65 -0.36 0.00 N | 104.49 -0.64 0.00 N | 98.62 -0.71 0.00 N | 101.32 -1.23 0.15 N | 75.08 -1.11 3.66 N | 40.28 -0.58 3.86 N | 37.25 -0.59 4.13 N |
| MAPLE RIDGE_WT_2 323611 | 23.09 -0.08 0.98 N | -9.65 0.02 5.56 N | 19.10 -0.06 1.37 N | 6.07 -0.02 1.14 N | 9.87 -0.02 0.42 N | -12.49 0.02 5.85 N | 16.17 -0.06 4.15 N | 25.90 -0.06 1.52 N | 34.36 -0.09 0.00 N | 13.85 -0.05 4.36 N | 16.36 -0.08 5.18 N | 14.38 -0.09 4.87 N | 23.51 -0.22 4.53 N | 27.34 -0.27 1.99 N | 22.20 -0.29 3.96 N | 102.46 -0.69 0.86 N | 91.67 -0.61 0.37 N | 98.65 -0.36 0.00 N | 104.49 -0.64 0.00 N | 98.62 -0.71 0.00 N | 101.32 -1.23 0.15 N | 75.08 -1.11 3.66 N | 40.28 -0.58 3.86 N | 37.25 -0.59 4.13 N |
| MG INDUSTRY___DRP 24185 | 47.93 1.12 -22.65 N | 124.05 -0.18 -128.34 N | 53.21 0.98 -31.70 N | 33.90 0.33 -26.35 N | 20.38 0.46 -9.61 N | 128.13 -0.31 -135.10 N | 117.30 0.95 -95.97 N | 64.07 1.37 -35.21 N | 36.24 1.78 0.00 N | 119.88 0.89 -100.72 N | 142.50 1.09 -119.77 N | 132.82 0.97 -112.52 N | 134.69 1.41 -105.02 N | 77.26 1.47 -46.20 N | 119.68 1.28 -91.94 N | 107.02 4.75 1.73 N | 95.88 3.98 0.74 N | 103.08 4.07 0.00 N | 109.26 4.12 0.00 N | 103.46 4.13 0.00 N | 107.05 4.66 0.31 N | 168.71 3.84 -85.02 N | 136.83 2.48 -89.62 N | 139.62 2.29 -95.36 N |
| MID___OSWEGATCHIE_HYD 23849 | 23.33 -0.82 0.00 N | -3.97 0.14 0.00 N | 19.81 -0.72 0.00 N | 6.99 -0.23 0.00 N | 9.97 -0.33 0.00 N | -6.44 0.22 0.00 N | 19.67 -0.71 0.00 N | 26.60 -0.89 0.00 N | 33.40 -1.06 0.00 N | 17.75 -0.51 0.00 N | 20.97 -0.67 0.00 N | 18.82 -0.52 0.00 N | 27.53 -0.73 0.00 N | 28.83 -0.76 0.00 N | 25.68 -0.77 0.00 N | 96.12 -3.47 4.43 N | 87.57 -3.19 1.88 N | 96.00 -3.01 0.00 N | 102.10 -3.03 0.00 N | 96.10 -3.23 0.00 N | 98.48 -3.43 0.79 N | 77.53 -2.32 0.00 N | 43.56 -1.16 0.00 N | 40.73 -1.23 0.00 N |
| MID___RAQUETTE_HYD 23851 | 23.19 -0.97 0.00 N | -3.95 0.16 0.00 N | 19.71 -0.82 0.00 N | 6.96 -0.26 0.00 N | 9.94 -0.37 0.00 N | -6.40 0.25 0.00 N | 19.58 -0.80 0.00 N | 26.48 -1.01 0.00 N | 33.19 -1.26 0.00 N | 17.63 -0.63 0.00 N | 20.77 -0.86 0.00 N | 18.69 -0.64 0.00 N | 27.34 -0.91 0.00 N | 28.65 -0.94 0.00 N | 25.66 -0.79 0.00 N | 98.78 -2.80 2.43 N | 89.21 -2.39 1.04 N | 96.63 -2.37 0.00 N | 102.69 -2.44 0.00 N | 96.54 -2.79 0.00 N | 99.31 -2.95 0.44 N | 77.31 -2.54 0.00 N | 43.26 -1.46 0.00 N | 40.36 -1.61 0.00 N |
| MILLIKEN___1 23584 | 26.59 -0.87 -3.30 N | 14.69 0.08 -18.71 N | 24.60 -0.56 -4.62 N | 10.83 -0.23 -3.84 N | 11.38 -0.32 -1.40 N | 13.21 0.17 -19.70 N | 33.53 -0.85 -13.99 N | 31.12 -1.51 -5.13 N | 32.48 -1.97 0.00 N | 31.77 -1.18 -14.69 N | 37.68 -1.42 -17.46 N | 34.43 -1.31 -16.41 N | 41.63 -1.92 -15.29 N | 34.32 -2.03 -6.75 N | 37.90 -2.01 -13.45 N | 83.50 -8.27 12.24 N | 80.69 -6.73 5.21 N | 92.46 -6.55 0.00 N | 98.46 -6.67 0.00 N | 92.89 -6.45 0.00 N | 93.18 -7.26 2.27 N | 86.73 -5.56 -12.44 N | 54.71 -3.12 -13.11 N | 53.24 -2.70 -13.97 N |
| MILLIKEN___2 23585 | 26.59 -0.87 -3.30 N | 14.69 0.08 -18.71 N | 24.60 -0.56 -4.62 N | 10.83 -0.23 -3.84 N | 11.38 -0.32 -1.40 N | 13.21 0.17 -19.70 N | 33.53 -0.85 -13.99 N | 31.12 -1.51 -5.13 N | 32.48 -1.97 0.00 N | 31.77 -1.18 -14.69 N | 37.68 -1.42 -17.46 N | 34.43 -1.31 -16.41 N | 41.63 -1.92 -15.29 N | 34.32 -2.03 -6.75 N | 37.90 -2.01 -13.45 N | 83.50 -8.27 12.24 N | 80.69 -6.73 5.21 N | 92.46 -6.55 0.00 N | 98.46 -6.67 0.00 N | 92.89 -6.45 0.00 N | 93.18 -7.26 2.27 N | 86.73 -5.56 -12.44 N | 54.71 -3.12 -13.11 N | 53.24 -2.70 -13.97 N |
| MILLIKEN___DIESEL 23629 | 26.59 -0.87 -3.30 N | 14.69 0.08 -18.71 N | 24.60 -0.56 -4.62 N | 10.83 -0.23 -3.84 N | 11.38 -0.32 -1.40 N | 13.21 0.17 -19.70 N | 33.53 -0.85 -13.99 N | 31.12 -1.51 -5.13 N | 32.48 -1.97 0.00 N | 31.77 -1.18 -14.69 N | 37.68 -1.42 -17.46 N | 34.43 -1.31 -16.41 N | 41.63 -1.92 -15.29 N | 34.32 -2.03 -6.75 N | 37.90 -2.01 -13.45 N | 83.50 -8.27 12.24 N | 80.69 -6.73 5.21 N | 92.46 -6.55 0.00 N | 98.46 -6.67 0.00 N | 92.89 -6.45 0.00 N | 93.18 -7.26 2.27 N | 86.73 -5.56 -12.44 N | 54.71 -3.12 -13.11 N | 53.24 -2.70 -13.97 N |

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| MILLSEAT___LFGE 323607 | 25.42 -1.68 -2.94 N | 12.77 0.22 -16.66 N | 23.15 -1.49 -4.11 N | 10.13 -0.51 -3.42 N | 10.76 -0.79 -1.25 N | 11.42 0.54 -17.54 N | 30.96 -1.89 -12.46 N | 29.27 -2.79 -4.57 N | 31.10 -3.36 0.00 N | 29.26 -2.07 -13.07 N | 34.84 -2.34 -15.55 N | 31.73 -2.21 -14.61 N | 38.70 -3.16 -13.61 N | 32.30 -3.30 -6.00 N | 35.14 -3.26 -11.94 N | 77.19 -13.02 13.80 N | 75.86 -10.90 5.88 N | 88.64 -10.37 0.00 N | 93.98 -11.15 0.00 N | 88.59 -10.75 0.00 N | 83.15 -12.10 7.45 N | 82.36 -8.53 -11.04 N | 51.83 -4.53 -11.64 N | 51.15 -3.23 -12.41 N |
| MODEL_CITY_ENERGY 24167 | 25.03 -2.19 -3.07 N | 13.56 0.30 -17.37 N | 22.91 -1.91 -4.29 N | 10.14 -0.65 -3.57 N | 10.61 -0.99 -1.30 N | 12.32 0.68 -18.29 N | 31.02 -2.35 -12.99 N | 28.80 -3.46 -4.77 N | 30.23 -4.23 0.00 N | 29.33 -2.56 -13.63 N | 34.91 -2.94 -16.22 N | 31.83 -2.74 -15.23 N | 38.51 -3.94 -14.19 N | 31.74 -4.11 -6.25 N | 34.91 -3.99 -12.45 N | 74.48 -15.90 13.63 N | 73.37 -13.35 5.81 N | 85.67 -10.35 0.00 N | 90.72 -14.41 0.00 N | 85.56 -13.77 0.00 N | 80.24 -15.19 7.28 N | 80.54 -10.82 -11.52 N | 51.14 -5.71 -12.14 N | 50.68 -4.22 -12.94 N |
| MODERN_LFGE___ 323580 | 25.03 -2.19 -3.07 N | 13.56 0.30 -17.37 N | 22.91 -1.91 -4.29 N | 10.14 -0.65 -3.57 N | 10.61 -0.99 -1.30 N | 12.32 0.68 -18.29 N | 31.02 -2.35 -12.99 N | 28.80 -3.46 -4.77 N | 30.23 -4.23 0.00 N | 29.33 -2.56 -13.63 N | 34.91 -2.94 -16.22 N | 31.83 -2.74 -15.23 N | 38.51 -3.94 -14.19 N | 31.74 -4.11 -6.25 N | 34.91 -3.99 -12.45 N | 74.48 -15.90 13.63 N | 73.37 -13.46 5.81 N | 85.67 -13.35 0.00 N | 90.72 -14.41 0.00 N | 85.56 -13.77 0.00 N | 80.24 -15.19 7.28 N | 80.54 -10.82 -11.52 N | 51.14 -5.71 -12.14 N | 50.68 -4.22 -12.94 N |
| MOHAWK_PAPER___DRP 24187 | 49.00 1.55 -23.30 N | 127.65 -0.27 -132.02 N | 54.42 1.28 -32.61 N | 34.77 0.44 -27.11 N | 20.81 0.62 -9.88 N | 131.89 -0.43 -138.97 N | 120.42 1.32 -98.72 N | 65.59 1.88 -36.22 N | 36.94 2.48 0.00 N | 123.22 1.35 -103.61 N | 146.47 1.63 -123.21 N | 136.54 1.46 -115.75 N | 138.43 2.16 -108.01 N | 79.33 2.22 -47.51 N | 123.02 2.00 -94.56 N | 110.04 7.75 1.71 N | 98.45 6.54 0.73 N | 106.05 7.04 0.00 N | 112.40 7.27 0.00 N | 106.40 7.06 0.00 N | 109.95 7.56 0.31 N | 173.46 6.17 -87.44 N | 140.38 3.49 -92.17 N | 143.25 3.18 -98.10 N |
| MONGAUP___HYD 23641 | 42.65 1.94 -16.55 N | 89.36 -0.30 -93.77 N | 45.29 1.59 -23.16 N | 26.98 0.51 -19.26 N | 18.04 0.72 -7.02 N | 91.59 -0.47 -98.71 N | 92.06 1.56 -70.12 N | 55.46 2.24 -25.73 N | 37.23 2.77 0.00 N | 93.31 1.45 -73.60 N | 110.90 1.75 -87.51 N | 103.10 1.55 -82.21 N | 107.16 2.35 -76.55 N | 65.69 2.43 -33.67 N | 95.53 2.07 -67.00 N | 109.51 7.67 2.16 N | 98.51 6.79 0.92 N | 106.40 7.38 0.00 N | 113.07 7.94 0.00 N | 107.20 7.86 0.00 N | 111.36 9.12 0.46 N | 149.44 7.63 -61.96 N | 114.35 4.31 -65.31 N | 115.64 3.99 -69.68 N |
| MONTAUK___DIESEL 23721 | 45.60 3.37 -18.07 N | 97.71 -0.55 -102.37 N | 48.61 2.79 -25.29 N | 29.13 0.88 -21.02 N | 19.25 1.28 -7.66 N | 100.53 -0.57 -107.76 N | 99.37 2.44 -76.55 N | 59.01 3.43 -28.08 N | 39.52 5.07 0.00 N | 103.29 3.02 -82.01 N | 123.24 3.68 -97.92 N | 112.18 3.09 -89.75 N | 117.90 4.89 -84.75 N | 117.92 5.05 -83.27 N | 114.88 4.45 -83.98 N | 121.74 16.85 -0.88 N | 123.85 15.07 -16.14 N | 129.80 16.64 -14.15 N | 128.48 17.87 -5.48 N | 131.50 17.15 -15.01 N | 125.81 18.12 -4.99 N | 160.97 13.47 -67.65 N | 122.80 6.77 -71.31 N | 124.42 6.38 -76.07 N |
| MUNSVILLE_WIND_PWR 323609 | 30.63 1.01 -5.46 N | 26.73 -0.12 -30.95 N | 29.07 0.89 -7.65 N | 13.90 0.32 -6.36 N | 13.05 0.43 -2.32 N | 25.58 -0.34 -32.58 N | 44.53 1.00 -23.14 N | 37.16 1.18 -8.49 N | 35.98 1.52 0.00 N | 43.25 0.70 -24.29 N | 51.39 0.87 -28.89 N | 47.14 0.67 -27.14 N | 54.54 0.99 -25.29 N | 41.66 0.93 -11.13 N | 49.22 0.60 -22.17 N | 96.53 1.91 9.39 N | 91.17 2.53 4.00 N | 102.45 3.44 0.00 N | 109.47 4.34 0.00 N | 103.05 3.71 0.00 N | 103.79 3.01 1.92 N | 102.98 2.63 -20.50 N | 67.84 1.51 -21.61 N | 66.72 1.72 -23.03 N |
| N SALMON___HYD 24042 | 23.99 -0.16 0.00 N | -4.09 0.02 0.00 N | 20.37 -0.17 0.00 N | 7.19 -0.03 0.00 N | 10.25 -0.05 0.00 N | -6.62 0.04 0.00 N | 20.25 -0.13 0.00 N | 27.41 -0.08 0.00 N | 34.39 -0.06 0.00 N | 18.28 0.02 0.00 N | 21.58 -0.06 0.00 N | 19.32 -0.01 0.00 N | 28.27 0.01 0.00 N | 29.61 0.02 0.00 N | 26.54 0.08 0.00 N | 103.42 0.80 1.39 N | 92.95 0.90 0.59 N | 100.30 1.29 0.00 N | 106.59 1.46 0.00 N | 100.44 1.11 0.00 N | 103.42 0.97 0.25 N | 80.12 0.27 0.00 N | 44.72 0.00 0.00 N | 41.72 -0.24 0.00 N |
| N.E._GEN_SANDY PD 24062 | 47.08 1.49 -21.43 N | 117.02 -0.28 -121.40 N | 51.77 1.25 -29.99 N | 32.58 0.42 -24.93 N | 19.98 0.59 -9.09 N | 65.00 1.12 -45.33 N | 112.45 1.28 -90.78 N | 62.64 1.85 -33.31 N | 36.86 2.40 0.00 N | 114.87 1.32 -95.28 N | 136.53 1.60 -113.30 N | 127.19 1.41 -106.44 N | 129.64 2.17 -99.22 N | 75.45 2.22 -43.64 N | 115.35 2.05 -86.85 N | 115.00 8.04 0.27 N | 98.21 6.35 0.77 N | 105.64 6.63 0.00 N | 111.94 6.81 0.00 N | 106.12 6.78 0.00 N | 109.75 7.44 0.39 N | 166.46 6.30 -80.31 N | 132.84 3.46 -84.66 N | 125.35 0.27 -121.38 N |
| NARROWS_GT1_1 24228 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NARROWS_GT1_2 24229 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NARROWS_GT1_3 24230 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NARROWS_GT1_4 24231 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NARROWS_GT1_5 24232 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NARROWS_GT1_6 24233 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NARROWS_GT1_7 24234 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NARROWS_GT1_8 24235 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NARROWS_GT2_1 24236 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NARROWS_GT2_2 24237 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NARROWS_GT2_3 24238 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NARROWS_GT2_4 24239 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NARROWS_GT2_5 24240 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NARROWS_GT2_6 24241 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NARROWS_GT2_7 24242 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NARROWS_GT2_8 24243 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N |
| NEG CAPITAL___MECHNVIL 23645 | 48.60 1.36 -23.08 N | 126.42 -0.25 -130.79 N | 53.95 1.12 -32.30 N | 34.47 0.39 -26.85 N | 20.64 0.54 -9.79 N | 130.61 -0.40 -137.67 N | 119.40 1.22 -97.80 N | 65.18 1.80 -35.88 N | 36.88 2.42 0.00 N | 122.26 1.35 -102.64 N | 145.34 1.65 -122.06 N | 135.44 1.44 -114.66 N | 137.46 2.21 -106.99 N | 78.88 2.22 -47.06 N | 122.18 2.06 -93.66 N | 110.32 8.04 1.72 N | 98.56 6.66 0.73 N | 106.31 7.30 0.00 N | 112.63 7.50 0.00 N | 106.61 7.27 0.00 N | 110.21 7.82 0.31 N | 172.89 6.43 -86.61 N | 139.50 3.49 -91.30 N | 142.25 3.11 -97.18 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 24.99 -1.61 -2.45 N | 10.00 0.22 -13.88 N | 22.55 -1.42 -3.43 N | 9.58 -0.49 -2.85 N | 10.62 -0.73 -1.04 N | 8.45 0.49 -14.61 N | 29.13 -1.64 -10.38 N | 28.98 -2.33 -3.81 N | 31.60 -2.86 0.00 N | 27.49 -1.67 -10.90 N | 32.64 -1.95 -12.96 N | 29.72 -1.79 -12.17 N | 37.00 -2.60 -11.34 N | 31.91 -2.69 -5.00 N | 33.82 -2.61 -9.96 N | 78.89 -10.71 14.41 N | 77.41 -9.09 6.14 N | 90.15 -8.86 0.00 N | 95.62 -9.51 0.00 N | 90.15 -9.19 0.00 N | 90.39 -10.12 2.19 N | 81.57 -7.50 -9.21 N | 50.44 -4.00 -9.71 N | 49.10 -3.22 -10.35 N |
| NEG CENTRAL___DRP | 26.16 | 10.72 | 23.66 | 10.04 | 11.08 | 9.04 | 30.71 | 30.48 | 33.25 | 29.06 | 34.50 | 31.39 | 39.03 | 33.65 | 35.75 | 84.13 | 81.93 | 94.59 | 100.54 | 94.83 | 95.12 | 85.98 | 53.17 | 51.56 |

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| 24199 | -0.59 -2.60 N | 0.11 -14.72 N | -0.51 -3.64 N | -0.20 -3.02 N | -0.33 -1.10 N | 0.21 -15.49 N | -0.68 -11.01 N | -1.05 -4.04 N | -1.21 0.00 N | -0.75 -11.55 N | -0.87 -13.74 N | -0.85 -12.90 N | -1.25 -12.03 N | -1.27 -5.33 N | -1.32 -10.62 N | -5.61 14.26 N | -4.63 6.07 N | -4.42 0.00 N | -4.60 0.00 N | -4.50 0.00 N | -5.16 2.43 N | -3.68 -9.82 N | -1.90 -10.35 N | -1.44 -11.03 N |
| NEG CENTRAL___INDECK 23768 | 27.11 -0.45 -3.41 N | 15.30 0.09 -19.31 N | 24.84 -0.46 -4.77 N | 11.00 -0.19 -3.97 N | 11.43 -0.32 -1.45 N | 13.88 0.21 -20.33 N | 34.14 -0.69 -14.44 N | 31.72 -1.07 -5.30 N | 33.33 -1.12 0.00 N | 32.67 -0.75 -15.16 N | 38.93 -0.72 -18.02 N | 35.50 -0.77 -16.93 N | 42.93 -1.11 -15.78 N | 35.40 -1.15 -6.95 N | 39.00 -1.30 -13.84 N | 85.48 -5.38 13.14 N | 82.85 -4.19 5.60 N | 95.72 -3.29 0.00 N | 101.79 -3.34 0.00 N | 95.91 -3.42 0.00 N | 96.11 -4.50 2.10 N | 89.80 -2.85 -12.80 N | 56.74 -1.47 -13.49 N | 55.53 -0.82 -14.38 N |
| NEG CENTRAL___SENECA 23627 | 26.40 -0.63 -2.88 N | 12.30 0.12 -16.29 N | 24.00 -0.56 -4.02 N | 10.33 -0.23 -3.34 N | 11.15 -0.38 -1.22 N | 10.73 0.24 -17.15 N | 31.77 -0.79 -12.18 N | 30.77 -1.19 -4.47 N | 33.13 -1.33 0.00 N | 30.22 -0.83 -12.79 N | 35.88 -0.96 -15.20 N | 32.64 -0.98 -14.28 N | 40.14 -1.43 -13.31 N | 34.02 -1.46 -5.88 N | 36.64 -1.53 -11.71 N | 83.80 -6.37 13.84 N | 81.48 -5.27 5.89 N | 94.07 -4.94 0.00 N | 100.01 -5.12 0.00 N | 94.31 -5.02 0.00 N | 94.57 -5.81 2.33 N | 86.58 -4.10 -10.83 N | 53.98 -2.15 -11.41 N | 52.51 -1.62 -12.17 N |
| NEG CENTRAL___STATE_STREET 24147 | 26.30 -0.40 -2.54 N | 10.35 0.05 -14.41 N | 23.80 -0.29 -3.56 N | 10.05 -0.13 -2.96 N | 11.18 -0.21 -1.08 N | 8.63 0.12 -15.17 N | 30.68 -0.47 -10.77 N | 30.64 -0.80 -3.95 N | 33.49 -0.96 0.00 N | 28.96 -0.61 -11.31 N | 34.38 -0.69 -13.45 N | 31.29 -0.68 -12.63 N | 39.04 -0.98 -11.77 N | 33.78 -1.03 -5.22 N | 35.75 -1.11 -10.40 N | 84.99 -4.83 14.18 N | 82.82 -3.78 6.04 N | 95.62 -3.39 0.00 N | 101.68 -3.45 0.00 N | 95.93 -3.41 0.00 N | 96.26 -4.01 2.43 N | 86.51 -2.96 -9.62 N | 53.31 -1.55 -10.14 N | 51.60 -1.17 -10.81 N |
| NEG MILLWOOD___DRP 24198 | 44.69 2.06 -18.47 N | 100.19 -0.33 -104.62 N | 48.06 1.69 -25.84 N | 29.24 0.53 -21.48 N | 18.90 0.77 -7.83 N | 103.00 -0.48 -110.13 N | 100.24 1.62 -78.23 N | 58.56 2.36 -28.70 N | 37.66 3.21 0.00 N | 102.15 1.78 -82.11 N | 121.51 2.24 -97.64 N | 113.06 2.00 -91.72 N | 116.64 3.02 -85.36 N | 70.26 3.13 -37.54 N | 103.86 2.70 -74.71 N | 112.04 10.08 2.04 N | 100.67 8.90 0.87 N | 108.52 9.51 0.00 N | 115.29 10.16 0.00 N | 109.33 9.99 0.00 N | 113.05 10.78 0.44 N | 157.60 8.66 -69.09 N | 122.15 4.60 -72.83 N | 123.92 4.22 -77.74 N |
| NEG NORTH_FLCN_SEA 23793 | 23.48 -0.68 0.00 N | -4.00 0.11 0.00 N | 19.95 -0.58 0.00 N | 7.04 -0.18 0.00 N | 10.03 -0.27 0.00 N | -6.48 0.18 0.00 N | 19.77 -0.62 0.00 N | 26.76 -0.73 0.00 N | 33.54 -0.91 0.00 N | 17.81 -0.45 0.00 N | 20.99 -0.64 0.00 N | 18.81 -0.53 0.00 N | 27.53 -0.73 0.00 N | 28.83 -0.77 0.00 N | 25.86 -0.60 0.00 N | 101.04 -2.09 0.88 N | 90.49 -1.78 0.37 N | 97.40 -1.61 0.00 N | 103.44 -1.70 0.00 N | 97.58 -1.75 0.00 N | 100.71 -1.84 0.16 N | 77.92 -1.93 0.00 N | 43.54 -1.18 0.00 N | 40.68 -1.29 0.00 N |
| NEG NORTH_KES_CHATEGAY 23792 | 23.66 -0.50 0.00 N | -4.03 0.08 0.00 N | 20.11 -0.42 0.00 N | 7.10 -0.12 0.00 N | 10.13 -0.18 0.00 N | -6.53 0.13 0.00 N | 19.97 -0.42 0.00 N | 27.00 -0.50 0.00 N | 33.81 -0.64 0.00 N | 17.95 -0.31 0.00 N | 21.17 -0.46 0.00 N | 18.97 -0.37 0.00 N | 27.74 -0.51 0.00 N | 29.07 -0.53 0.00 N | 26.08 -0.38 0.00 N | 101.95 -1.05 1.01 N | 91.42 -0.79 0.43 N | 98.36 -0.65 0.00 N | 104.49 -0.64 0.00 N | 98.50 -0.83 0.00 N | 101.56 -0.96 0.18 N | 78.67 -1.19 0.00 N | 43.90 -0.82 0.00 N | 41.00 -0.96 0.00 N |
| NEG NORTH___ALICE_FALLS 23915 | 23.76 -0.40 0.00 N | -4.04 0.07 0.00 N | 20.19 -0.34 0.00 N | 7.12 -0.09 0.00 N | 10.15 -0.16 0.00 N | -6.55 0.10 0.00 N | 20.02 -0.36 0.00 N | 27.10 -0.39 0.00 N | 33.98 -0.48 0.00 N | 18.04 -0.21 0.00 N | 21.27 -0.36 0.00 N | 19.06 -0.27 0.00 N | 27.89 -0.37 0.00 N | 29.21 -0.38 0.00 N | 26.20 -0.26 0.00 N | 102.37 -0.74 0.90 N | 91.73 -0.52 0.38 N | 98.79 -0.22 0.00 N | 104.93 -0.21 0.00 N | 98.99 -0.34 0.00 N | 102.11 -0.43 0.16 N | 79.00 -0.86 0.00 N | 44.11 -0.61 0.00 N | 41.20 -0.77 0.00 N |
| NEG NORTH___LWR_SARANAC 23913 | 23.76 -0.40 0.00 N | -4.04 0.07 0.00 N | 20.19 -0.34 0.00 N | 7.12 -0.09 0.00 N | 10.15 -0.16 0.00 N | -6.55 0.10 0.00 N | 20.02 -0.36 0.00 N | 27.10 -0.39 0.00 N | 33.98 -0.48 0.00 N | 18.04 -0.21 0.00 N | 21.27 -0.36 0.00 N | 19.06 -0.27 0.00 N | 27.89 -0.37 0.00 N | 29.21 -0.38 0.00 N | 26.20 -0.26 0.00 N | 102.37 -0.74 0.90 N | 91.73 -0.52 0.38 N | 98.79 -0.22 0.00 N | 104.93 -0.21 0.00 N | 98.99 -0.34 0.00 N | 102.11 -0.43 0.16 N | 79.00 -0.86 0.00 N | 44.11 -0.61 0.00 N | 41.20 -0.77 0.00 N |
| NEG NORTH___PLATTSBURG 23628 | 23.76 -0.40 0.00 N | -4.04 0.07 0.00 N | 20.19 -0.34 0.00 N | 7.12 -0.09 0.00 N | 10.15 -0.16 0.00 N | -6.55 0.10 0.00 N | 20.02 -0.36 0.00 N | 27.10 -0.39 0.00 N | 33.98 -0.48 0.00 N | 18.04 -0.21 0.00 N | 21.27 -0.36 0.00 N | 19.06 -0.27 0.00 N | 27.89 -0.37 0.00 N | 29.21 -0.38 0.00 N | 26.20 -0.26 0.00 N | 102.37 -0.74 0.90 N | 91.73 -0.52 0.38 N | 98.79 -0.22 0.00 N | 104.93 -0.21 0.00 N | 98.99 -0.34 0.00 N | 102.11 -0.43 0.16 N | 79.00 -0.86 0.00 N | 44.11 -0.61 0.00 N | 41.20 -0.77 0.00 N |
| NEG WEST_LEA_LOCKPORT 23791 | 25.08 -2.12 -3.04 N | 13.42 0.29 -17.24 N | 22.94 -1.85 -4.26 N | 10.13 -0.63 -3.54 N | 10.63 -0.96 -1.29 N | 12.15 0.67 -18.14 N | 30.99 -2.28 -12.89 N | 28.86 -3.36 -4.73 N | 30.36 -4.10 0.00 N | 29.30 -2.49 -13.53 N | 34.88 -2.84 -16.09 N | 31.78 -2.66 -15.11 N | 38.51 -3.83 -14.08 N | 31.81 -3.99 -6.20 N | 34.93 -3.89 -12.36 N | 74.88 -15.46 13.66 N | 73.73 -13.09 5.82 N | 86.09 -12.92 0.00 N | 91.23 -13.90 0.00 N | 86.01 -13.32 0.00 N | 80.63 -14.73 7.34 N | 80.84 -10.44 -11.42 N | 51.24 -5.52 -12.04 N | 50.74 -4.06 -12.84 N |
| NEG WEST___LANCASTER 23811 | 26.11 -1.60 -3.55 N | 16.34 0.35 -20.10 N | 24.09 -1.41 -4.96 N | 10.80 -0.55 -4.13 N | 10.96 -0.85 -1.51 N | 15.04 0.54 -21.16 N | 33.76 -1.65 -15.03 N | 30.49 -2.51 -5.51 N | 31.51 -2.95 0.00 N | 32.27 -1.76 -15.77 N | 38.58 -1.81 -18.76 N | 35.09 -1.87 -17.62 N | 42.02 -2.66 -16.42 N | 34.03 -2.80 -7.23 N | 38.08 -2.78 -14.40 N | 79.95 -11.03 13.02 N | 77.65 -9.45 5.55 N | 89.89 -9.12 0.00 N | 95.82 -9.31 0.00 N | 90.33 -9.01 0.00 N | 86.06 -10.21 6.44 N | 86.37 -6.80 -13.32 N | 55.22 -3.53 -14.04 N | 54.33 -2.60 -14.96 N |
| NEG_PENN_ALLEGHNY 23528 | 30.46 0.15 -6.15 N | 30.81 0.07 -34.85 N | 29.26 0.12 -8.61 N | 14.37 -0.01 -7.16 N | 12.88 -0.04 -2.61 N | 30.04 0.01 -36.69 N | 46.50 0.06 -26.06 N | 37.06 0.01 -9.56 N | 34.60 0.15 0.00 N | 45.66 0.05 -27.35 N | 54.38 0.22 -32.53 N | 49.93 0.04 -30.55 N | 56.81 0.08 -28.47 N | 42.22 0.09 -12.53 N | 51.33 -0.06 -24.94 N | 93.84 -0.50 9.67 N | 88.15 -0.37 4.12 N | 98.91 -0.10 0.00 N | 105.31 0.17 0.00 N | 99.43 0.10 0.00 N | 100.40 -0.14 2.16 N | 103.28 0.37 -23.06 N | 69.40 0.37 -24.31 N | 68.39 0.51 -25.92 N |
| NEG___GEN_MONROE 24207 | 25.56 -1.21 -2.62 N | 10.86 0.15 -14.82 N | 23.10 -1.09 -3.66 N | 9.89 -0.38 -3.04 N | 10.84 -0.58 -1.11 N | 9.34 0.39 -15.60 N | 30.09 -1.38 -11.08 N | 29.55 -2.01 -4.07 N | 32.06 -2.40 0.00 N | 28.43 -1.46 -11.63 N | 33.79 -1.67 -13.83 N | 30.76 -1.57 -12.99 N | 38.11 -2.26 -12.11 N | 32.61 -2.32 -5.34 N | 34.75 -2.33 -10.63 N | 80.23 -9.56 14.22 N | 78.66 -7.92 6.05 N | 91.71 -7.30 0.00 N | 97.32 -7.81 0.00 N | 91.70 -7.64 0.00 N | 86.08 -8.77 7.85 N | 83.40 -6.28 -9.83 N | 51.76 -3.33 -10.36 N | 50.59 -2.42 -11.05 N |

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|----------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|
| NEPA__ENERGY 23901 | 26.68 -1.40 -3.93 N | 18.62 0.46 -22.27 N | 24.84 -1.20 -5.50 N | 11.23 -0.57 -4.57 N | 11.11 -0.86 -1.67 N | 17.28 0.49 -23.44 N | 35.78 -1.26 -16.65 N | 31.58 -2.02 -6.11 N | 32.18 -2.28 0.00 N | 34.44 -1.30 -17.48 N | 41.33 -1.09 -20.78 N | 37.48 -1.38 -19.52 N | 44.54 -1.91 -18.19 N | 35.56 -2.05 -8.01 N | 40.36 -2.05 -15.95 N | 83.29 -8.18 12.53 N | 80.01 -7.29 5.34 N | 91.88 -7.13 0.00 N | 98.34 -6.79 0.00 N | 92.75 -6.58 0.00 N | 89.37 -7.67 5.66 N | 90.00 -4.60 -14.75 N | 57.98 -2.29 -15.55 N | 56.75 -1.79 -16.57 N |
| NEVERSINK__HYD 23608 | 41.16 1.39 -15.61 N | 84.13 -0.21 -88.44 N | 43.53 1.15 -21.85 N | 25.75 0.36 -18.16 N | 17.44 0.51 -6.62 N | 86.12 -0.33 -93.10 N | 87.64 1.12 -66.14 N | 53.37 1.61 -24.26 N | 36.67 2.22 0.00 N | 88.92 1.25 -69.41 N | 105.76 1.59 -82.54 N | 98.26 1.38 -77.54 N | 102.36 2.03 -72.08 N | 63.40 2.11 -31.69 N | 91.32 1.79 -63.08 N | 108.42 6.64 2.22 N | 97.62 5.93 0.95 N | 105.49 6.47 0.00 N | 112.07 6.93 0.00 N | 106.05 6.72 0.00 N | 109.34 7.11 0.47 N | 143.90 5.73 -58.33 N | 109.29 3.08 -61.49 N | 110.66 2.98 -65.72 N |
| NEWTON__FALLS_HYD 23847 | 23.33 -0.82 0.00 N | -3.97 0.14 0.00 N | 19.81 -0.72 0.00 N | 6.99 -0.23 0.00 N | 9.97 -0.33 0.00 N | -6.44 0.22 0.00 N | 19.67 -0.71 0.00 N | 26.60 -0.89 0.00 N | 33.40 -1.06 0.00 N | 17.75 -0.51 0.00 N | 20.97 -0.67 0.00 N | 18.82 -0.52 0.00 N | 27.53 -0.73 0.00 N | 28.83 -0.76 0.00 N | 25.68 -0.77 0.00 N | 96.12 -3.47 4.43 N | 87.57 -3.19 1.88 N | 96.00 -3.01 0.00 N | 102.10 -3.03 0.00 N | 96.10 -3.23 0.00 N | 98.48 -3.43 0.79 N | 77.53 -2.32 0.00 N | 43.56 -1.16 0.00 N | 40.73 -1.23 0.00 N |
| NIAGARA____ 23760 | 24.72 -2.45 -3.02 N | 13.31 0.33 -17.09 N | 22.63 -2.12 -4.22 N | 10.02 -0.72 -3.51 N | 10.50 -1.09 -1.28 N | 12.08 0.75 -17.99 N | 30.59 -2.58 -12.78 N | 28.41 -3.77 -4.69 N | 29.82 -4.64 0.00 N | 28.89 -2.79 -13.41 N | 34.36 -3.22 -15.95 N | 31.34 -2.98 -14.98 N | 37.92 -4.30 -13.96 N | 31.26 -4.48 -6.15 N | 34.38 -4.33 -12.25 N | 73.11 -17.20 13.70 N | 72.13 -14.67 5.83 N | 84.27 -14.74 0.00 N | 89.20 -15.93 0.00 N | 152.00 -15.20 0.00 N | 166.00 -16.61 7.34 N | 111.93 -11.93 -11.33 N | 50.35 -6.31 -11.94 N | 49.95 -4.74 -12.73 N |
| NINE_MILE_1 23575 | 24.73 -0.84 -1.42 N | 4.05 0.14 -8.02 N | 21.79 -0.73 -1.98 N | 8.61 -0.26 -1.65 N | 10.53 -0.38 -0.60 N | 2.03 0.25 -8.44 N | 25.57 -0.81 -5.99 N | 28.52 -1.17 -2.20 N | 32.94 -1.51 0.00 N | 23.68 -0.87 -6.29 N | 28.09 -1.02 -7.48 N | 25.44 -0.92 -7.03 N | 33.45 -1.35 -6.55 N | 31.07 -1.40 -2.88 N | 30.83 -1.35 -5.72 N | 77.26 -5.83 20.91 N | 78.61 -5.12 8.90 N | 93.76 -5.25 0.00 N | 99.54 -5.59 0.00 N | 94.00 -5.33 0.00 N | 93.36 -5.66 3.68 N | 80.87 -4.27 -5.29 N | 48.19 -2.11 -5.58 N | 46.18 -1.73 -5.95 N |
| NINE_MILE_2 23744 | 24.72 -0.84 -1.40 N | 3.95 0.14 -7.92 N | 21.77 -0.72 -1.96 N | 8.59 -0.26 -1.63 N | 10.52 -0.37 -0.59 N | 1.92 0.25 -8.33 N | 25.51 -0.80 -5.92 N | 28.51 -1.16 -2.17 N | 32.95 -1.51 0.00 N | 23.61 -0.86 -6.21 N | 28.00 -1.02 -7.39 N | 25.36 -0.92 -6.94 N | 33.38 -1.35 -6.47 N | 31.04 -1.40 -2.84 N | 30.78 -1.33 -5.65 N | 76.98 -5.81 21.22 N | 78.50 -5.10 9.04 N | 93.80 -5.21 0.00 N | 99.59 -5.54 0.00 N | 94.04 -5.29 0.00 N | 93.33 -5.63 3.74 N | 80.84 -4.24 -5.23 N | 48.14 -2.09 -5.51 N | 46.12 -1.72 -5.87 N |
| NM_CAPITAL__DRP 24208 | 48.75 1.49 -23.10 N | 126.51 -0.26 -130.88 N | 54.12 1.26 -32.33 N | 34.53 0.43 -26.87 N | 20.70 0.60 -9.80 N | 130.70 1.27 -137.77 N | 119.52 1.82 -97.86 N | 65.22 2.40 -35.90 N | 36.85 1.29 0.00 N | 122.27 1.56 -102.72 N | 145.33 1.39 -122.14 N | 135.47 2.06 -114.74 N | 137.40 2.12 -107.08 N | 78.82 1.91 -47.10 N | 122.11 7.34 -93.74 N | 109.63 6.15 1.72 N | 98.06 6.56 0.73 N | 105.57 6.74 0.00 N | 111.87 6.58 0.00 N | 105.92 6.58 0.00 N | 109.52 7.12 0.31 N | 172.38 5.84 -86.68 N | 139.45 3.35 -91.38 N | 142.28 3.07 -97.25 N |
| NM_CENTRAL__DRP 24181 | 25.48 -0.44 -1.76 N | 5.96 0.08 -9.99 N | 22.61 -0.39 -2.47 N | 9.12 -0.15 -2.05 N | 10.83 -0.23 -0.75 N | 4.01 0.15 -10.52 N | 27.37 -0.49 -7.47 N | 29.46 -0.77 -2.74 N | 33.49 -0.97 0.00 N | 25.52 -0.58 -7.84 N | 30.30 -0.66 -9.32 N | 27.47 -0.62 -8.76 N | 35.52 -0.90 -8.16 N | 32.28 -0.92 -3.60 N | 32.67 -0.95 -7.17 N | 85.98 -4.29 13.74 N | 83.19 -3.60 5.85 N | 95.57 -3.44 0.00 N | 101.57 -3.57 0.00 N | 95.86 -3.48 0.00 N | 96.42 -3.88 2.40 N | 83.66 -2.82 -6.63 N | 50.39 -1.32 -6.99 N | 48.42 -0.99 -7.45 N |
| NM_FRONTIER__DRP 24179 | 24.89 -2.33 -3.06 N | 13.54 0.31 -17.34 N | 22.79 -2.02 -4.28 N | 10.11 -0.68 -3.56 N | 10.57 -1.03 -1.30 N | 12.32 0.72 -18.26 N | 30.86 -2.49 -12.97 N | 28.60 -3.65 -4.76 N | 29.98 -4.47 0.00 N | 29.16 -2.71 -13.61 N | 34.69 -3.13 -16.19 N | 31.64 -2.90 -15.21 N | 38.25 -4.18 -14.17 N | 31.48 -4.36 -6.24 N | 34.67 -4.22 -12.43 N | 73.60 -16.76 13.64 N | 72.59 -14.24 5.81 N | 84.78 -14.23 0.00 N | 89.72 -15.41 0.00 N | 84.60 -14.73 0.00 N | 79.28 -16.14 7.28 N | 79.78 -11.56 -11.49 N | 50.73 -6.10 -12.12 N | 50.35 -4.53 -12.92 N |
| NM_ST_REGIS__HYD 24053 | 23.39 -0.77 0.00 N | -3.99 0.12 0.00 N | 19.87 -0.66 0.00 N | 7.02 -0.20 0.00 N | 10.01 -0.29 0.00 N | -6.46 0.20 0.00 N | 19.75 -0.64 0.00 N | 26.72 -0.77 0.00 N | 33.50 -0.96 0.00 N | 17.79 -0.47 0.00 N | 20.97 -0.66 0.00 N | 18.85 -0.48 0.00 N | 27.58 -0.68 0.00 N | 28.90 -0.70 0.00 N | 25.89 -0.57 0.00 N | 99.88 -1.87 2.26 N | 90.17 -1.51 0.96 N | 97.55 -1.46 0.00 N | 103.70 -1.44 0.00 N | 97.53 -1.80 0.00 N | 100.35 -1.95 0.40 N | 78.04 -1.81 0.00 N | 43.62 -1.10 0.00 N | 40.69 -1.27 0.00 N |
| NORTHPORT__1 23551 | 44.41 2.18 -18.07 N | 97.91 -0.35 -102.37 N | 47.57 1.75 -25.29 N | 28.77 0.53 -21.02 N | 18.74 0.77 -7.66 N | 100.84 -0.26 -107.76 N | 98.34 1.40 -76.55 N | 57.69 2.12 -28.08 N | 37.63 3.17 0.00 N | 102.18 1.91 -82.01 N | 121.89 2.33 -97.92 N | 111.01 1.93 -89.75 N | 116.21 3.20 -84.75 N | 116.21 3.34 -83.27 N | 113.36 2.93 -83.98 N | 115.71 10.82 -0.88 N | 118.09 9.31 -16.14 N | 122.60 9.43 -14.15 N | 120.70 10.09 -5.48 N | 124.45 10.11 -15.01 N | 118.86 11.18 -4.99 N | 155.83 8.33 -67.65 N | 120.20 4.18 -71.31 N | 122.20 4.17 -76.07 N |
| NORTHPORT__2 23552 | 44.41 2.18 -18.07 N | 97.91 -0.35 -102.37 N | 47.57 1.75 -25.29 N | 28.77 0.53 -21.02 N | 18.74 0.77 -7.66 N | 100.84 -0.26 -107.76 N | 98.34 1.40 -76.55 N | 57.69 2.12 -28.08 N | 37.63 3.17 0.00 N | 102.18 1.91 -82.01 N | 121.89 2.33 -97.92 N | 111.01 1.93 -89.75 N | 116.21 3.20 -84.75 N | 116.21 3.34 -83.27 N | 113.36 2.93 -83.98 N | 115.71 10.82 -0.88 N | 118.09 9.31 -16.14 N | 122.60 9.43 -14.15 N | 120.70 10.09 -5.48 N | 124.45 10.11 -15.01 N | 118.86 11.18 -4.99 N | 155.83 8.33 -67.65 N | 120.20 4.18 -71.31 N | 122.20 4.17 -76.07 N |
| NORTHPORT__3 23553 | 44.40 2.17 -18.07 N | 97.92 -0.34 -102.37 N | 47.57 1.75 -25.29 N | 28.77 0.52 -21.02 N | 18.74 0.77 -7.66 N | 100.85 -0.26 -107.76 N | 98.36 1.43 -76.55 N | 57.71 2.14 -28.08 N | 37.62 3.16 0.00 N | 102.14 1.87 -82.01 N | 121.84 2.29 -97.92 N | 111.00 1.91 -89.75 N | 116.19 3.18 -84.75 N | 116.18 3.31 -83.27 N | 113.36 2.93 -83.98 N | 115.57 10.69 -0.88 N | 117.89 9.10 -16.14 N | 122.39 9.22 -14.15 N | 120.55 9.94 -5.48 N | 124.31 9.97 -15.01 N | 118.73 11.04 -4.99 N | 155.72 8.22 -67.65 N | 120.21 4.18 -71.31 N | 122.25 4.21 -76.07 N |
| NORTHPORT__4 23650 | 44.40 2.17 -18.07 N | 97.92 -0.34 -102.37 N | 47.57 1.75 -25.29 N | 28.77 0.52 -21.02 N | 18.74 0.77 -7.66 N | 100.85 -0.26 -107.76 N | 98.36 1.43 -76.55 N | 57.71 2.14 -28.08 N | 37.62 3.16 0.00 N | 102.14 1.87 -82.01 N | 121.84 2.29 -97.92 N | 111.00 1.91 -89.75 N | 116.19 3.18 -84.75 N | 116.18 3.31 -83.27 N | 113.36 2.93 -83.98 N | 115.57 10.69 -0.88 N | 117.89 9.10 -16.14 N | 122.39 9.22 -14.15 N | 120.55 9.94 -5.48 N | 124.31 9.97 -15.01 N | 118.73 11.04 -4.99 N | 155.72 8.22 -67.65 N | 120.21 4.18 -71.31 N | 122.25 4.21 -76.07 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|---|
| NORTHPORT___IC 23718 | 44.41 2.18 -18.07 N | 97.91 -0.35 -102.37 N | 47.57 1.75 -25.29 N | 28.77 0.53 -21.02 N | 18.74 0.77 -7.66 N | 100.84 -0.26 -107.76 N | 98.34 1.40 -76.55 N | 57.69 2.12 -28.08 N | 37.63 3.17 0.00 N | 102.18 1.91 -82.01 N | 121.89 2.33 -97.92 N | 111.01 1.93 -89.75 N | 116.21 3.20 -84.75 N | 116.21 3.34 -83.27 N | 113.36 2.93 -83.98 N | 115.71 10.82 -0.88 N | 118.09 9.31 -16.14 N | 122.60 9.43 -14.15 N | 120.70 10.09 -5.48 N | 124.45 10.11 -15.01 N | 118.86 11.18 -4.99 N | 155.83 8.33 -67.65 N | 120.20 4.18 -71.31 N | 122.20 4.17 -76.07 N | |
| NPX_GEN_1385_PROXY 323591 | 44.44 2.22 -18.07 N | 97.91 -0.35 -102.37 N | 47.61 1.79 -25.29 N | 28.79 0.54 -21.02 N | 18.76 0.79 -7.66 N | 55.66 1.07 -36.04 N | 98.38 1.44 -76.55 N | 57.74 2.16 -28.08 N | 37.68 3.23 0.00 N | 102.22 1.95 -82.01 N | 121.92 2.37 -97.92 N | 111.05 1.96 -89.75 N | 116.25 3.24 -84.75 N | 116.27 3.40 -83.27 N | 113.41 2.98 -83.98 N | 117.62 11.15 0.76 N | 118.26 9.47 -16.14 N | 122.77 9.60 -14.15 N | 120.88 10.27 -5.48 N | 124.64 10.30 -15.01 N | 119.04 11.36 -4.99 N | 155.95 8.46 -67.65 N | 120.28 4.25 -71.31 N | 105.04 0.33 -101.02 N | |
| NPX_GEN_CSC 323557 | 44.57 2.34 -18.07 N | 97.86 -0.41 -102.37 N | 47.79 1.97 -25.29 N | 28.85 0.60 -21.02 N | 18.85 0.88 -7.66 N | 55.71 1.12 -36.04 N | 98.46 1.52 -76.55 N | 57.69 2.12 -28.08 N | 37.71 3.26 0.00 N | 102.27 2.00 -82.01 N | 121.97 2.41 -97.92 N | 111.07 1.98 -89.75 N | 116.32 3.31 -84.75 N | 116.31 3.44 -83.27 N | 113.46 3.03 -83.98 N | 118.16 11.69 0.76 N | 118.48 9.70 -16.14 N | 123.30 10.14 -14.15 N | 121.50 10.88 -5.48 N | 125.07 10.73 -15.01 N | 119.45 11.76 -4.99 N | 156.21 8.72 -67.65 N | 120.35 4.32 -71.31 N | 105.03 0.32 -101.02 N | |
| NSINS_S__GLNS_FALLS 23858 | 48.42 0.69 -23.57 N | 129.29 -0.17 -133.57 N | 54.13 0.61 -32.99 N | 34.88 0.23 -27.43 N | 20.62 0.31 -10.00 N | 133.67 -0.27 -140.60 N | 121.04 0.78 -99.88 N | 65.36 1.23 -36.64 N | 36.15 1.70 0.00 N | 124.09 1.01 -104.83 N | 147.53 1.24 -124.65 N | 137.42 0.98 -117.10 N | 139.11 1.60 -109.25 N | 79.22 1.58 -48.05 N | 123.66 1.57 -95.63 N | 108.51 6.22 1.71 N | 96.81 4.90 0.73 N | 104.43 5.42 0.00 N | 110.72 5.59 0.00 N | 104.81 5.48 0.00 N | 108.39 6.00 0.31 N | 173.33 5.05 -88.43 N | 140.45 2.50 -93.22 N | 143.28 2.06 -99.25 N | |
| NUCOR_STEEL____DRP 24197 | 26.16 -0.51 -2.52 N | 10.22 0.06 -14.27 N | 23.70 -0.36 -3.52 N | 10.00 -0.15 -2.93 N | 11.14 -0.24 -1.07 N | 8.50 0.13 -15.03 N | 30.51 -0.55 -10.67 N | 30.48 -0.93 -3.91 N | 33.31 -1.15 0.00 N | 28.74 -0.72 -11.20 N | 34.13 -0.82 -13.32 N | 31.06 -0.79 -12.51 N | 38.77 -1.15 -11.66 N | 33.57 -1.20 -5.17 N | 35.50 -1.27 -10.31 N | 84.41 -5.45 14.15 N | 82.32 -4.29 6.03 N | 95.03 -3.98 0.00 N | 101.01 -4.13 0.00 N | 95.25 -4.08 0.00 N | 95.62 -4.65 2.43 N | 85.92 -3.47 -9.53 N | 52.95 -1.82 -10.05 N | 51.26 -1.42 -10.71 N | |
| NYISO_LBMP_REFERENCE 24008 | 24.16 0.00 0.00 N | -4.11 0.00 0.00 N | 20.53 0.00 0.00 N | 7.22 0.00 0.00 N | 10.31 0.00 0.00 N | -6.66 0.00 0.00 N | 20.38 0.00 0.00 N | 27.49 0.00 0.00 N | 34.45 0.00 0.00 N | 18.26 0.00 0.00 N | 21.63 0.00 0.00 N | 19.34 0.00 0.00 N | 28.26 0.00 0.00 N | 29.60 0.00 0.00 N | 26.46 0.00 0.00 N | 104.00 0.00 0.00 N | 92.64 0.00 0.00 N | 99.01 0.00 0.00 N | 105.13 0.00 0.00 N | 99.33 0.00 0.00 N | 102.70 0.00 0.00 N | 79.85 0.00 0.00 N | 44.72 0.00 0.00 N | 41.96 0.00 0.00 N | |
| NYPA_BRENTWD____GT 24164 | 44.71 2.48 -18.07 N | 97.86 -0.40 -102.37 N | 47.81 2.00 -25.29 N | 28.85 0.61 -21.02 N | 18.86 0.89 -7.66 N | 100.77 -0.34 -107.76 N | 98.58 1.64 -76.55 N | 57.99 2.42 -28.08 N | 38.05 3.59 0.00 N | 102.43 2.16 -82.01 N | 122.19 2.64 -97.92 N | 111.29 2.20 -89.75 N | 116.62 3.61 -84.75 N | 116.64 3.77 -83.27 N | 113.75 3.31 -83.98 N | 117.18 12.29 -0.88 N | 119.49 10.70 -16.14 N | 124.04 10.88 -14.15 N | 122.34 11.73 -5.48 N | 125.97 11.63 -15.01 N | 120.66 12.97 -4.99 N | 157.19 9.69 -67.65 N | 120.92 4.89 -71.31 N | 122.82 4.78 -76.07 N | |
| NYPA_GOWANUS____GT5 24156 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N | |
| NYPA_GOWANUS____GT6 24157 | 44.37 2.15 -18.07 N | 97.91 -0.34 -102.36 N | 47.57 1.76 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.77 -7.66 N | 100.61 -0.48 -107.75 N | 98.61 1.69 -76.54 N | 58.02 2.45 -28.08 N | 37.74 3.28 0.00 N | 100.45 1.86 -80.33 N | 119.53 2.37 -95.53 N | 111.19 2.11 -89.74 N | 115.05 3.22 -83.57 N | 69.70 3.35 -36.75 N | 102.42 2.82 -73.14 N | 112.43 10.49 2.07 N | 101.07 9.31 0.88 N | 108.82 9.80 -0.01 N | 115.48 10.33 -0.01 N | 109.53 10.19 -0.01 N | 113.39 11.13 0.44 N | 156.48 8.99 -67.64 N | 120.78 4.76 -71.30 N | 122.37 4.35 -76.06 N | |
| NYPA_HARLEM__RVR__GT1 24160 | 44.31 2.08 -18.07 N | 97.92 -0.33 -102.36 N | 47.56 1.74 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.76 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.65 -76.54 N | 57.97 2.40 -28.08 N | 37.65 3.19 0.00 N | 100.42 1.82 -80.33 N | 119.49 2.33 -95.53 N | 111.11 2.03 -89.74 N | 114.91 3.09 -83.57 N | 69.57 3.22 -36.75 N | 102.31 2.71 -73.14 N | 112.06 10.12 2.07 N | 100.71 8.95 0.88 N | 108.37 9.36 0.00 N | 115.02 9.89 0.00 N | 109.10 9.77 0.00 N | 113.04 10.78 0.44 N | 156.24 8.76 -67.64 N | 120.61 4.59 -71.30 N | 122.28 4.25 -76.06 N | |
| NYPA_HARLEM__RVR__GT2 24161 | 44.31 2.08 -18.07 N | 97.92 -0.33 -102.36 N | 47.56 1.74 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.76 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.65 -76.54 N | 57.97 2.40 -28.08 N | 37.65 3.19 0.00 N | 100.42 1.82 -80.33 N | 119.49 2.33 -95.53 N | 111.11 2.03 -89.74 N | 114.91 3.09 -83.57 N | 69.57 3.22 -36.75 N | 102.31 2.71 -73.14 N | 112.06 10.12 2.07 N | 100.71 8.95 0.88 N | 108.37 9.36 0.00 N | 115.02 9.89 0.00 N | 109.10 9.77 0.00 N | 113.04 10.78 0.44 N | 156.24 8.76 -67.64 N | 120.61 4.59 -71.30 N | 122.28 4.25 -76.06 N | |
| NYPA_KENT____GT 24152 | 44.35 2.13 -18.07 N | 97.92 -0.34 -102.36 N | 47.56 1.74 -25.28 N | 28.78 0.54 -21.02 N | 18.73 0.76 -7.66 N | 100.61 -0.48 -107.75 N | 98.59 1.67 -76.54 N | 57.99 2.42 -28.08 N | 37.70 3.25 0.00 N | 100.42 1.83 -80.33 N | 119.49 2.33 -95.53 N | 111.14 2.07 -89.74 N | 114.98 3.16 -83.57 N | 69.63 3.29 -36.75 N | 102.38 2.78 -73.14 N | 112.25 10.31 2.07 N | 100.89 9.13 0.88 N | 108.62 9.60 0.00 N | 115.25 10.11 0.00 N | 109.32 9.98 0.00 N | 113.18 10.92 0.44 N | 156.32 8.83 -67.64 N | 120.69 4.67 -71.30 N | 122.32 4.29 -76.06 N | |
| NYPA_POUCH1____GT 24155 | 44.31 2.09 -18.07 N | 97.92 -0.33 -102.36 N | 47.52 1.71 -25.28 N | 28.77 0.53 -21.02 N | 18.71 0.75 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.65 -76.54 N | 57.95 2.38 -28.08 N | 37.65 3.20 0.00 N | 100.41 1.82 -80.33 N | 119.48 2.32 -95.53 N | 111.15 2.08 -89.74 N | 114.99 3.17 -83.57 N | 69.63 3.28 -36.75 N | 102.34 2.74 -73.14 N | 112.13 10.20 2.07 N | 100.85 9.09 0.88 N | 108.61 9.59 -0.01 N | 115.25 10.11 -0.01 N | 109.32 9.98 -0.01 N | 113.15 10.89 0.44 N | 156.31 8.82 -67.64 N | 120.67 4.65 -71.30 N | 122.25 4.23 -76.06 N | |
| NYPA_VERNON____GT2 | 44.33 | 97.92 | 47.54 | 28.77 | 18.72 | 100.62 | 98.57 | 57.96 | 37.67 | 100.39 | 119.45 | 111.10 | 114.91 | 69.58 | 102.34 | 112.07 | 100.69 | 108.42 | 115.04 | 109.11 | 112.97 | 156.16 | 120.60 | 122.24 | |

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| 24162 | 2.10 -18.07 N | -0.33 -102.36 N | 1.73 -25.28 N | 0.53 -21.02 N | 0.76 -7.66 N | -0.47 -107.75 N | 1.65 -76.54 N | 2.39 -28.08 N | 3.22 0.00 N | 1.79 -80.33 N | 2.29 -95.53 N | 2.03 -89.74 N | 3.09 -83.57 N | 3.23 -36.75 N | 2.74 -73.14 N | 10.13 2.07 N | 8.94 0.88 N | 9.41 0.00 N | 9.90 0.00 N | 9.78 0.00 N | 10.71 0.44 N | 8.67 -67.64 N | 4.58 -71.30 N | 4.21 -76.06 N |
| NYPA_VERNON____GT3 24163 | 44.33 2.10 -18.07 N | 97.92 -0.33 -102.36 N | 47.54 1.73 -25.28 N | 28.77 0.53 -21.02 N | 18.72 0.76 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.65 -76.54 N | 57.96 2.39 -28.08 N | 37.67 3.22 0.00 N | 100.39 1.79 -80.33 N | 119.45 2.29 -95.53 N | 111.10 2.03 -89.74 N | 114.91 3.09 -83.57 N | 69.58 3.23 -36.75 N | 102.34 2.74 -73.14 N | 112.07 10.13 2.07 N | 100.69 8.94 0.88 N | 108.42 9.41 0.00 N | 115.04 9.90 0.00 N | 109.11 9.78 0.00 N | 112.97 10.71 0.44 N | 156.16 8.67 -67.64 N | 120.60 4.58 -71.30 N | 122.24 4.21 -76.06 N |
| NYPA____ASTORIA_CC1 323568 | 44.31 2.08 -18.07 N | 97.91 -0.34 -102.36 N | 47.54 1.72 -25.28 N | 28.77 0.53 -21.02 N | 18.72 0.75 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.64 -76.54 N | 57.95 2.38 -28.08 N | 37.65 3.20 0.00 N | 100.37 1.78 -80.33 N | 119.43 2.27 -95.53 N | 111.09 2.01 -89.74 N | 114.88 3.06 -83.57 N | 69.55 3.21 -36.75 N | 102.31 2.71 -73.14 N | 111.98 10.04 2.07 N | 100.58 8.83 0.88 N | 108.30 9.29 0.00 N | 114.93 9.79 0.00 N | 109.00 9.67 0.00 N | 112.85 10.60 0.44 N | 156.06 8.57 -67.64 N | 120.53 4.52 -71.30 N | 122.21 4.19 -76.06 N |
| NYPA____ASTORIA_CC2 323569 | 44.31 2.08 -18.07 N | 97.91 -0.34 -102.36 N | 47.54 1.72 -25.28 N | 28.77 0.53 -21.02 N | 18.72 0.75 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.64 -76.54 N | 57.95 2.38 -28.08 N | 37.65 3.20 0.00 N | 100.37 1.78 -80.33 N | 119.43 2.27 -95.53 N | 111.09 2.01 -89.74 N | 114.88 3.06 -83.57 N | 69.55 3.21 -36.75 N | 102.31 2.71 -73.14 N | 111.98 10.04 2.07 N | 100.58 8.83 0.88 N | 108.30 9.29 0.00 N | 114.93 9.79 0.00 N | 109.00 9.67 0.00 N | 112.85 10.60 0.44 N | 156.06 8.57 -67.64 N | 120.53 4.52 -71.30 N | 122.21 4.19 -76.06 N |
| NYPA____HOLTSVILL 23794 | 44.54 2.31 -18.07 N | 97.88 -0.38 -102.37 N | 47.72 1.90 -25.29 N | 28.82 0.57 -21.02 N | 18.81 0.84 -7.66 N | 100.82 -0.29 -107.76 N | 98.44 1.51 -76.55 N | 57.77 2.20 -28.08 N | 37.78 3.33 0.00 N | 102.31 2.04 -82.01 N | 122.01 2.46 -97.92 N | 111.10 2.01 -89.75 N | 116.35 3.35 -84.75 N | 116.36 3.49 -83.27 N | 113.50 3.07 -83.98 N | 116.21 11.32 -0.88 N | 118.58 9.80 -16.14 N | 123.34 10.17 -14.15 N | 121.53 10.92 -5.48 N | 125.14 10.79 -15.01 N | 119.54 11.85 -4.99 N | 156.30 8.80 -67.65 N | 120.43 4.41 -71.31 N | 122.40 4.37 -76.07 N |
| NYPA____HELLGATE_GT1 24158 | 44.28 2.06 -18.07 N | 97.92 -0.33 -102.36 N | 47.54 1.72 -25.28 N | 28.77 0.53 -21.02 N | 18.72 0.75 -7.66 N | 100.62 -0.47 -107.75 N | 98.56 1.64 -76.54 N | 57.95 2.37 -28.08 N | 37.62 3.17 0.00 N | 100.40 1.80 -80.33 N | 119.47 2.31 -95.53 N | 111.09 2.02 -89.74 N | 114.90 3.07 -83.57 N | 69.54 3.20 -36.75 N | 102.30 2.70 -73.14 N | 111.98 10.04 2.07 N | 100.65 8.89 0.88 N | 108.32 9.30 0.00 N | 114.96 9.83 0.00 N | 109.04 9.70 0.00 N | 112.97 10.71 0.44 N | 156.19 8.70 -67.64 N | 120.58 4.56 -71.30 N | 122.26 4.24 -76.06 N |
| NYPA____HELLGATE_GT2 24159 | 44.28 2.06 -18.07 N | 97.92 -0.33 -102.36 N | 47.54 1.72 -25.28 N | 28.77 0.53 -21.02 N | 18.72 0.75 -7.66 N | 100.62 -0.47 -107.75 N | 98.56 1.64 -76.54 N | 57.95 2.37 -28.08 N | 37.62 3.17 0.00 N | 100.40 1.80 -80.33 N | 119.47 2.31 -95.53 N | 111.09 2.02 -89.74 N | 114.90 3.07 -83.57 N | 69.54 3.20 -36.75 N | 102.30 2.70 -73.14 N | 111.98 10.04 2.07 N | 100.65 8.89 0.88 N | 108.32 9.30 0.00 N | 114.96 9.83 0.00 N | 109.04 9.70 0.00 N | 112.97 10.71 0.44 N | 156.19 8.70 -67.64 N | 120.58 4.56 -71.30 N | 122.26 4.24 -76.06 N |
| NYS_BARGE____HYD 23848 | 25.12 -2.06 -3.02 N | 13.31 0.28 -17.14 N | 22.97 -1.80 -4.23 N | 10.13 -0.61 -3.52 N | 10.65 -0.94 -1.28 N | 12.03 0.65 -18.04 N | 30.97 -2.23 -12.81 N | 28.90 -3.30 -4.70 N | 30.45 -4.01 0.00 N | 29.26 -2.45 -13.45 N | 34.84 -2.78 -15.99 N | 31.75 -2.61 -15.02 N | 38.50 -3.75 -14.00 N | 31.86 -3.91 -6.17 N | 34.92 -3.82 -12.28 N | 75.13 -15.19 13.68 N | 73.97 -12.84 5.83 N | 86.38 -12.63 0.00 N | 91.55 -13.58 0.00 N | 86.31 -13.02 0.00 N | 80.94 -14.42 7.34 N | 80.97 -10.24 -11.36 N | 51.29 -5.40 -11.97 N | 50.78 -3.95 -12.76 N |
| O.H_GEN_BRUCE 24063 | 24.68 -2.45 -2.97 N | 13.07 0.33 -16.84 N | 22.57 -2.12 -4.16 N | 9.97 -0.72 -3.46 N | 10.48 -1.09 -1.26 N | 10.47 -2.34 5.74 N | 30.41 -2.57 -12.60 N | 28.38 -3.74 -4.62 N | 29.86 -4.59 0.00 N | 28.72 -2.76 -13.22 N | 34.17 -3.19 -15.72 N | 31.15 -2.95 -14.77 N | 37.76 -4.26 -13.76 N | 31.22 -4.44 -6.06 N | 34.24 -4.29 -12.07 N | 37.98 -19.27 49.98 N | 72.26 -14.53 5.86 N | 84.40 -14.61 0.00 N | 89.35 -15.79 0.00 N | 84.28 -15.06 0.00 N | 78.87 -16.44 7.39 N | 79.19 -11.82 -11.16 N | 50.23 -6.26 -11.77 N | 13.52 -0.37 -10.21 N |
| OAK_ORCHARD____HYD 24046 | 25.32 -1.36 -2.52 N | 10.37 0.18 -14.30 N | 22.85 -1.21 -3.53 N | 9.74 -0.42 -2.94 N | 10.74 -0.63 -1.07 N | 8.82 0.43 -15.05 N | 29.61 -1.46 -10.69 N | 29.31 -2.10 -3.92 N | 31.90 -2.56 0.00 N | 27.95 -1.53 -11.22 N | 33.19 -1.79 -13.34 N | 30.22 -1.65 -12.53 N | 37.55 -2.39 -11.68 N | 32.30 -2.45 -5.15 N | 34.29 -2.42 -10.26 N | 79.71 -9.96 14.33 N | 78.15 -8.39 6.11 N | 91.01 -8.01 0.00 N | 96.48 -8.65 0.00 N | 90.95 -8.39 0.00 N | 85.33 -9.41 7.96 N | 82.48 -6.87 -9.49 N | 51.10 -3.62 -10.00 N | 49.85 -2.78 -10.66 N |
| OCC_CHEM____DRP 24175 | 24.92 -2.31 -3.07 N | 13.57 0.30 -17.37 N | 22.82 -2.00 -4.29 N | 10.12 -0.67 -3.57 N | 10.58 -1.02 -1.30 N | 12.35 0.72 -18.29 N | 30.91 -2.46 -12.99 N | 28.65 -3.61 -4.77 N | 30.02 -4.43 0.00 N | 29.21 -2.69 -13.63 N | 34.75 -3.09 -16.22 N | 31.69 -2.88 -15.23 N | 38.30 -4.15 -14.19 N | 31.53 -4.32 -6.25 N | 34.73 -4.18 -12.45 N | 73.76 -16.61 13.63 N | 72.71 -14.13 5.81 N | 84.92 -14.09 0.00 N | 89.86 -15.27 0.00 N | 84.75 -14.59 0.00 N | 79.44 -15.99 7.28 N | 79.94 -11.43 -11.51 N | 50.82 -6.04 -12.14 N | 50.43 -4.48 -12.94 N |
| OLIN_CORP_DRP 24177 | 25.01 -2.25 -3.11 N | 13.79 0.31 -17.60 N | 22.93 -1.95 -4.35 N | 10.18 -0.66 -3.61 N | 10.61 -1.01 -1.32 N | 12.56 0.70 -18.52 N | 31.15 -2.39 -13.16 N | 28.80 -3.52 -4.83 N | 30.15 -4.30 0.00 N | 29.46 -2.61 -13.81 N | 35.07 -2.99 -16.42 N | 31.97 -2.79 -15.43 N | 38.61 -4.02 -14.38 N | 31.74 -4.19 -6.33 N | 35.00 -4.07 -12.61 N | 74.27 -16.16 13.58 N | 73.13 -13.72 5.78 N | 85.35 -13.66 0.00 N | 90.38 -14.75 0.00 N | 85.22 -14.11 0.00 N | 79.97 -15.51 7.21 N | 80.44 -11.07 -11.66 N | 51.18 -5.83 -12.29 N | 50.75 -4.32 -13.10 N |
| ONONDAGA_REF_OCCRA 23987 | 25.87 -0.28 -1.99 N | 7.22 0.05 -11.28 N | 23.06 -0.25 -2.79 N | 9.44 -0.10 -2.32 N | 10.99 -0.16 -0.84 N | 5.31 0.10 -11.87 N | 28.48 -0.34 -8.43 N | 30.03 -0.55 -3.09 N | 33.76 -0.70 0.00 N | 26.68 -0.43 -8.85 N | 31.68 -0.48 -10.53 N | 28.77 -0.46 -9.89 N | 36.82 -0.66 -9.21 N | 33.03 -0.66 -4.10 N | 33.92 -0.71 -8.17 N | 86.71 -3.29 14.01 N | 84.00 -2.67 5.97 N | 96.56 -2.45 0.00 N | 102.63 -2.51 0.00 N | 96.89 -2.45 0.00 N | 97.39 -2.86 2.45 N | 85.33 -2.08 -7.56 N | 51.75 -0.94 -7.96 N | 49.79 -0.66 -8.49 N |
| ONONDAGA____COGEN 23986 | 25.86 -0.36 -2.06 N | 7.62 0.05 -11.67 N | 23.11 -0.30 -2.88 N | 9.50 -0.12 -2.40 N | 11.00 -0.18 -0.87 N | 5.75 0.12 -12.29 N | 28.72 -0.39 -8.73 N | 30.08 -0.61 -3.20 N | 33.68 -0.78 0.00 N | 26.94 -0.48 -9.16 N | 31.98 -0.54 -10.89 N | 29.06 -0.51 -10.23 N | 37.05 -0.74 -9.53 N | 33.18 -0.71 -4.29 N | 34.28 -0.75 -8.58 N | 85.75 -3.50 14.75 N | 83.52 -2.84 6.28 N | 96.36 -2.65 0.00 N | 102.39 -2.74 0.00 N | 96.63 -2.71 0.00 N | 97.05 -3.09 2.56 N | 85.52 -2.26 -7.93 N | 52.06 -1.02 -8.36 N | 50.18 -0.70 -8.91 N |

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| ONTARIO___LFGE 23819 | 26.40 -0.63 -2.88 N | 12.30 0.12 -16.29 N | 24.00 -0.56 -4.02 N | 10.33 -0.23 -3.34 N | 11.15 -0.38 -1.22 N | 10.73 0.24 -17.15 N | 31.77 -0.79 -12.18 N | 30.77 -1.19 -4.47 N | 33.13 -1.33 0.00 N | 30.22 -0.83 -12.79 N | 35.88 -0.96 -15.20 N | 32.64 -0.98 -14.28 N | 40.14 -1.43 -13.31 N | 34.02 -1.46 -5.88 N | 36.64 -1.53 -11.71 N | 83.80 -6.37 13.84 N | 81.48 -5.27 5.89 N | 94.07 -4.94 0.00 N | 100.01 -5.12 0.00 N | 94.31 -5.02 0.00 N | 94.57 -5.81 2.33 N | 86.58 -4.10 -10.83 N | 53.98 -2.15 -11.41 N | 52.51 -1.62 -12.17 N |
| OSWEGATCHIE___HYD 24044 | 23.33 -0.82 0.00 N | -3.97 0.14 0.00 N | 19.81 -0.72 0.00 N | 6.99 -0.23 0.00 N | 9.97 -0.33 0.00 N | -6.44 0.22 0.00 N | 19.67 -0.71 0.00 N | 26.60 -0.89 0.00 N | 33.40 -1.06 0.00 N | 17.75 -0.51 0.00 N | 20.97 -0.67 0.00 N | 18.82 -0.52 0.00 N | 27.53 -0.73 0.00 N | 28.83 -0.76 0.00 N | 25.68 -0.77 0.00 N | 96.12 -3.47 4.43 N | 87.57 -3.19 1.88 N | 96.00 -3.01 0.00 N | 102.10 -3.03 0.00 N | 96.10 -3.23 0.00 N | 98.48 -3.43 0.79 N | 77.53 -2.32 0.00 N | 43.56 -1.16 0.00 N | 40.73 -1.23 0.00 N |
| OSWEGO___5 23606 | 25.03 -0.69 -1.55 N | 4.81 0.12 -8.80 N | 22.11 -0.60 -2.17 N | 8.81 -0.21 -1.81 N | 10.65 -0.32 -0.66 N | 2.81 0.21 -9.26 N | 26.30 -0.67 -6.58 N | 28.93 -0.97 -2.42 N | 33.19 -1.26 0.00 N | 24.44 -0.73 -6.91 N | 28.99 -0.85 -8.21 N | 26.28 -0.77 -7.71 N | 34.32 -1.13 -7.19 N | 31.58 -1.17 -3.15 N | 31.58 -1.14 -6.27 N | 79.42 -4.99 19.59 N | 79.94 -4.35 8.34 N | 94.61 -4.41 0.00 N | 100.45 -4.69 0.00 N | 94.87 -4.46 0.00 N | 94.39 -4.80 3.52 N | 82.07 -3.58 -5.79 N | 49.07 -1.76 -6.11 N | 47.06 -1.42 -6.51 N |
| OSWEGO___6 23613 | 25.03 -0.69 -1.55 N | 4.81 0.12 -8.80 N | 22.11 -0.60 -2.17 N | 8.81 -0.21 -1.81 N | 10.65 -0.32 -0.66 N | 2.81 0.21 -9.26 N | 26.30 -0.67 -6.58 N | 28.93 -0.97 -2.42 N | 33.19 -1.26 0.00 N | 24.44 -0.73 -6.91 N | 28.99 -0.85 -8.21 N | 26.28 -0.77 -7.71 N | 34.32 -1.13 -7.19 N | 31.58 -1.17 -3.15 N | 31.58 -1.14 -6.27 N | 79.42 -4.99 19.59 N | 79.94 -4.35 8.34 N | 94.61 -4.41 0.00 N | 100.45 -4.69 0.00 N | 94.87 -4.46 0.00 N | 94.39 -4.80 3.52 N | 82.07 -3.58 -5.79 N | 49.07 -1.76 -6.11 N | 47.06 -1.42 -6.51 N |
| OUTOKUMPU-AB___DRP 24206 | 25.39 -1.89 -3.13 N | 13.86 0.26 -17.71 N | 23.25 -1.66 -4.37 N | 10.30 -0.56 -3.64 N | 10.75 -0.87 -1.33 N | 12.59 0.60 -18.64 N | 31.55 -2.08 -13.24 N | 29.27 -3.08 -4.86 N | 30.73 -3.73 0.00 N | 29.87 -2.29 -13.90 N | 35.58 -2.59 -16.53 N | 32.42 -2.44 -15.53 N | 39.22 -3.51 -14.47 N | 32.32 -3.65 -6.37 N | 35.56 -3.58 -12.69 N | 76.21 -14.24 13.56 N | 74.85 -12.02 5.77 N | 87.31 -11.70 0.00 N | 92.53 -12.60 0.00 N | 87.22 -12.11 0.00 N | 82.03 -13.48 7.19 N | 82.10 -9.48 -11.74 N | 52.10 -4.99 -12.37 N | 51.55 -3.60 -13.19 N |
| OXBOW___ 24026 | 25.21 -2.04 -3.10 N | 13.71 0.27 -17.55 N | 23.09 -1.78 -4.33 N | 10.22 -0.60 -3.60 N | 10.69 -0.93 -1.31 N | 12.46 0.65 -18.47 N | 31.29 -2.22 -13.12 N | 29.03 -3.28 -4.81 N | 30.46 -4.00 0.00 N | 29.59 -2.44 -13.77 N | 35.23 -2.78 -16.38 N | 32.11 -2.61 -15.38 N | 38.85 -3.74 -14.33 N | 32.01 -3.90 -6.32 N | 35.23 -3.81 -12.58 N | 75.25 -15.16 13.59 N | 74.05 -12.80 5.79 N | 86.42 -12.59 0.00 N | 91.55 -13.58 0.00 N | 86.31 -13.03 0.00 N | 81.05 -14.42 7.23 N | 81.25 -10.22 -11.63 N | 51.59 -5.38 -12.26 N | 51.10 -3.93 -13.07 N |
| PEEKSKILL___ 23653 | 43.91 1.84 -17.92 N | 97.12 -0.30 -101.53 N | 47.11 1.50 -25.08 N | 28.54 0.47 -20.85 N | 18.57 0.66 -7.60 N | 99.80 -0.42 -106.87 N | 97.74 1.44 -75.92 N | 57.44 2.10 -27.85 N | 37.30 2.85 0.00 N | 99.53 1.59 -79.68 N | 118.40 2.01 -94.75 N | 110.13 1.79 -89.01 N | 113.88 2.73 -82.89 N | 68.87 2.82 -36.45 N | 101.42 2.41 -72.55 N | 110.85 8.93 2.08 N | 99.55 7.79 0.89 N | 107.26 8.25 0.00 N | 113.92 8.78 0.00 N | 108.05 8.71 0.00 N | 111.74 9.48 0.44 N | 154.61 7.68 -67.09 N | 119.51 4.07 -70.72 N | 121.16 3.75 -75.44 N |
| PGE MADISON___WINDPWR 24146 | 30.63 1.01 -5.46 N | 26.73 -0.12 -30.95 N | 29.07 0.89 -7.65 N | 13.90 0.32 -6.36 N | 13.05 0.43 -2.32 N | 25.58 -0.34 -32.58 N | 44.53 1.00 -23.14 N | 37.16 1.18 -8.49 N | 35.98 1.52 0.00 N | 43.25 0.70 -24.29 N | 51.39 0.87 -28.89 N | 47.14 0.67 -27.14 N | 54.54 0.99 -25.29 N | 41.66 0.93 -11.13 N | 49.22 0.60 -22.17 N | 96.53 1.91 9.39 N | 91.17 2.53 4.00 N | 102.45 3.44 0.00 N | 109.47 4.34 0.00 N | 103.05 3.71 0.00 N | 103.79 3.01 1.92 N | 102.98 2.63 -20.50 N | 67.84 1.51 -21.61 N | 66.72 1.72 -23.03 N |
| PIERCEFIELD___HYD 23852 | 23.19 -0.97 0.00 N | -3.95 0.16 0.00 N | 19.71 -0.82 0.00 N | 6.96 -0.26 0.00 N | 9.94 -0.37 0.00 N | -6.40 0.25 0.00 N | 19.58 -0.80 0.00 N | 26.48 -1.01 0.00 N | 33.19 -1.26 0.00 N | 17.63 -0.63 0.00 N | 20.77 -0.86 0.00 N | 18.69 -0.64 0.00 N | 27.34 -0.91 0.00 N | 28.65 -0.94 0.00 N | 25.66 -0.79 0.00 N | 98.78 -2.80 2.43 N | 89.21 -2.39 1.04 N | 96.63 -2.37 0.00 N | 102.69 -2.44 0.00 N | 96.54 -2.79 0.00 N | 99.31 -2.95 0.44 N | 77.31 -2.54 0.00 N | 43.26 -1.46 0.00 N | 40.36 -1.61 0.00 N |
| PINELAWN_CC_1 323563 | 44.66 2.43 -18.07 N | 97.87 -0.39 -102.37 N | 47.77 1.95 -25.29 N | 28.84 0.59 -21.02 N | 18.83 0.86 -7.66 N | 100.75 -0.36 -107.76 N | 98.58 1.64 -76.55 N | 58.00 2.42 -28.08 N | 38.00 3.54 0.00 N | 102.38 2.12 -82.01 N | 122.18 2.63 -97.92 N | 111.32 2.23 -89.75 N | 116.60 3.59 -84.75 N | 116.61 3.75 -83.27 N | 113.70 3.27 -83.98 N | 117.10 12.21 -0.88 N | 119.44 10.65 -16.14 N | 124.34 11.18 -14.15 N | 122.67 12.06 -5.48 N | 126.20 11.86 -15.01 N | 120.54 12.86 -4.99 N | 157.23 9.73 -67.65 N | 120.97 4.94 -71.31 N | 122.80 4.76 -76.07 N |
| PJM_GEN_KEystone 24065 | 36.13 -1.12 -13.09 N | 70.50 0.42 -74.20 N | 37.90 -0.96 -18.33 N | 21.98 -0.48 -15.24 N | 15.13 -0.73 -5.55 N | 41.10 0.28 -22.27 N | 74.87 -1.00 -55.48 N | 46.21 -1.64 -20.35 N | 32.65 -1.80 0.00 N | 75.47 -1.02 -58.23 N | 90.09 -0.79 -69.24 N | 83.30 -1.09 -65.05 N | 87.73 -1.11 -60.58 N | 54.61 -1.64 -26.64 N | 77.84 -1.65 -53.03 N | 98.11 2.60 11.72 N | 84.37 -5.94 2.33 N | 94.52 -4.49 0.00 N | 99.80 -5.33 0.00 N | 94.13 -5.21 0.00 N | 94.67 -6.12 1.92 N | 125.37 -3.52 -49.04 N | 94.71 -1.70 -51.69 N | 75.00 0.21 -71.10 N |
| PJM_GEN_NEPTUNE_PROXY 323594 | 44.36 2.14 -18.07 N | 97.92 -0.34 -102.37 N | 47.54 1.72 -25.29 N | 28.76 0.52 -21.02 N | 18.72 0.76 -7.66 N | 55.64 1.06 -36.04 N | 98.38 1.45 -76.55 N | 57.72 2.14 -28.08 N | 37.58 3.12 0.00 N | 102.15 1.88 -82.01 N | 121.91 2.36 -97.92 N | 111.09 2.00 -89.75 N | 116.22 3.21 -84.75 N | 116.21 3.34 -83.27 N | 113.33 2.90 -83.98 N | 117.68 11.20 0.76 N | 118.13 9.35 -16.14 N | 122.89 9.72 -14.15 N | 121.02 10.41 -5.48 N | 124.65 10.31 -15.01 N | 118.89 11.20 -4.99 N | 156.02 8.52 -67.65 N | 120.38 4.36 -71.31 N | 105.06 0.35 -101.02 N |
| PLEASANTVLY___LBMP 24000 | 44.62 1.78 -18.69 N | 101.48 -0.29 -105.88 N | 48.16 1.47 -26.15 N | 29.43 0.47 -21.74 N | 18.89 0.66 -7.92 N | 104.38 -0.42 -111.46 N | 100.97 1.42 -79.17 N | 58.59 2.05 -29.05 N | 37.21 2.75 0.00 N | 102.88 1.52 -83.10 N | 122.36 1.91 -98.81 N | 113.86 1.69 -92.83 N | 117.28 2.57 -86.46 N | 70.28 2.67 -38.02 N | 104.43 2.31 -75.67 N | 110.58 8.61 2.03 N | 99.20 7.42 0.87 N | 106.84 7.82 0.00 N | 113.38 8.25 0.00 N | 107.54 8.21 0.00 N | 111.22 8.95 0.43 N | 157.10 7.28 -69.97 N | 122.40 3.92 -73.76 N | 124.25 3.60 -78.68 N |
| POLETTI___ 23519 | 44.24 2.01 -18.07 N | 97.93 -0.31 -102.35 N | 47.46 1.64 -25.28 N | 28.75 0.51 -21.02 N | 18.69 0.72 -7.66 N | 100.63 -0.46 -107.74 N | 98.50 1.58 -76.54 N | 57.87 2.30 -28.08 N | 37.56 3.10 0.00 N | 100.34 1.75 -80.33 N | 119.38 2.22 -95.52 N | 111.06 1.98 -89.73 N | 114.86 3.04 -83.56 N | 69.50 3.15 -36.75 N | 102.28 2.69 -73.14 N | 111.87 9.93 2.07 N | 100.45 8.70 0.88 N | 108.11 9.09 0.00 N | 114.66 9.53 0.00 N | 108.82 9.48 0.00 N | 112.82 10.56 0.44 N | 156.07 8.59 -67.63 N | 120.58 4.56 -71.29 N | 122.19 4.18 -76.05 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 |
| PORT_JEFF_3 23555 | 44.59 2.36 -18.07 N | 97.88 -0.39 -102.37 N | 47.76 1.94 -25.29 N | 28.83 0.59 -21.02 N | 18.83 0.87 -7.66 N | 100.84 -0.27 -107.76 N | 98.45 1.52 -76.55 N | 57.82 2.24 -28.08 N | 37.87 3.41 0.00 N | 102.31 2.04 -82.01 N | 121.96 2.41 -97.92 N | 111.06 1.97 -89.75 N | 116.35 3.34 -84.75 N | 116.36 3.49 -83.27 N | 113.53 3.10 -83.98 N | 116.21 11.32 -0.88 N | 118.46 9.68 -16.14 N | 123.05 9.88 -14.15 N | 121.25 10.64 -5.48 N | 124.92 10.57 -15.01 N | 119.37 11.68 -4.99 N | 156.10 8.61 -67.65 N | 120.33 4.30 -71.31 N | 122.44 4.40 -76.07 N | |
| PORT_JEFF_4 23616 | 44.59 2.36 -18.07 N | 97.88 -0.39 -102.37 N | 47.76 1.94 -25.29 N | 28.83 0.59 -21.02 N | 18.83 0.87 -7.66 N | 100.84 -0.27 -107.76 N | 98.45 1.52 -76.55 N | 57.82 2.24 -28.08 N | 37.87 3.41 0.00 N | 102.31 2.04 -82.01 N | 121.96 2.41 -97.92 N | 111.06 1.97 -89.75 N | 116.35 3.34 -84.75 N | 116.36 3.49 -83.27 N | 113.53 3.10 -83.98 N | 116.21 11.32 -0.88 N | 118.46 9.68 -16.14 N | 123.05 9.88 -14.15 N | 121.25 10.64 -5.48 N | 124.92 10.57 -15.01 N | 119.37 11.68 -4.99 N | 156.10 8.61 -67.65 N | 120.33 4.30 -71.31 N | 122.44 4.40 -76.07 N | |
| PORT_JEFF_IC 23713 | 44.63 2.41 -18.07 N | 97.87 -0.40 -102.37 N | 47.80 1.98 -25.29 N | 28.85 0.60 -21.02 N | 18.85 0.89 -7.66 N | 100.82 -0.29 -107.76 N | 98.51 1.58 -76.55 N | 57.89 2.31 -28.08 N | 37.95 3.49 0.00 N | 102.37 2.10 -82.01 N | 122.05 2.49 -97.92 N | 111.14 2.05 -89.75 N | 116.46 3.45 -84.75 N | 116.46 3.59 -83.27 N | 113.62 3.19 -83.98 N | 116.56 11.68 -0.88 N | 118.84 10.06 -16.14 N | 123.55 10.38 -14.15 N | 121.81 11.20 -5.48 N | 125.41 11.07 -15.01 N | 119.86 12.18 -4.99 N | 156.49 8.99 -67.65 N | 120.53 4.50 -71.31 N | 122.60 4.56 -76.07 N | |
| PPL_PILGRIM_ST_GT1 24216 | 44.71 2.48 -18.07 N | 97.86 -0.40 -102.37 N | 47.81 2.00 -25.29 N | 28.85 0.61 -21.02 N | 18.86 0.89 -7.66 N | 100.77 -0.34 -107.76 N | 98.58 1.64 -76.55 N | 57.99 2.42 -28.08 N | 38.05 3.59 0.00 N | 102.43 2.16 -82.01 N | 122.19 2.64 -97.92 N | 111.29 2.20 -89.75 N | 116.62 3.61 -84.75 N | 116.64 3.77 -83.27 N | 113.75 3.31 -83.98 N | 117.18 12.29 -0.88 N | 119.49 10.70 -16.14 N | 124.04 10.88 -14.15 N | 122.34 11.73 -5.48 N | 125.97 11.63 -15.01 N | 120.66 12.97 -4.99 N | 157.19 9.69 -67.65 N | 120.92 4.89 -71.31 N | 122.82 4.78 -76.07 N | |
| PPL_PILGRIM_ST_GT2 24217 | 44.71 2.48 -18.07 N | 97.86 -0.40 -102.37 N | 47.81 2.00 -25.29 N | 28.85 0.61 -21.02 N | 18.86 0.89 -7.66 N | 100.77 -0.34 -107.76 N | 98.58 1.64 -76.55 N | 57.99 2.42 -28.08 N | 38.05 3.59 0.00 N | 102.43 2.16 -82.01 N | 122.19 2.64 -97.92 N | 111.29 2.20 -89.75 N | 116.62 3.61 -84.75 N | 116.64 3.77 -83.27 N | 113.75 3.31 -83.98 N | 117.18 12.29 -0.88 N | 119.49 10.70 -16.14 N | 124.04 10.88 -14.15 N | 122.34 11.73 -5.48 N | 125.97 11.63 -15.01 N | 120.66 12.97 -4.99 N | 157.19 9.69 -67.65 N | 120.92 4.89 -71.31 N | 122.82 4.78 -76.07 N | |
| PPL_SHRM_GT3 24213 | 44.61 2.38 -18.07 N | 97.85 -0.41 -102.37 N | 47.83 2.02 -25.29 N | 28.85 0.61 -21.02 N | 18.87 0.90 -7.66 N | 100.81 -0.30 -107.76 N | 98.49 1.55 -76.55 N | 57.72 2.14 -28.08 N | 37.77 3.31 0.00 N | 102.30 2.03 -82.01 N | 122.00 2.45 -97.92 N | 111.10 2.01 -89.75 N | 116.36 3.35 -84.75 N | 116.36 3.49 -83.27 N | 113.51 3.08 -83.98 N | 116.22 11.33 -0.88 N | 118.65 9.86 -16.14 N | 123.50 10.33 -14.15 N | 121.70 11.09 -5.48 N | 125.27 10.93 -15.01 N | 119.62 11.94 -4.99 N | 156.33 8.83 -67.65 N | 120.42 4.39 -71.31 N | 122.38 4.35 -76.07 N | |
| PPL_SHRM_GT4 24214 | 44.61 2.38 -18.07 N | 97.85 -0.41 -102.37 N | 47.83 2.02 -25.29 N | 28.85 0.61 -21.02 N | 18.87 0.90 -7.66 N | 100.81 -0.30 -107.76 N | 98.49 1.55 -76.55 N | 57.72 2.14 -28.08 N | 37.77 3.31 0.00 N | 102.30 2.03 -82.01 N | 122.00 2.45 -97.92 N | 111.10 2.01 -89.75 N | 116.36 3.35 -84.75 N | 116.36 3.49 -83.27 N | 113.51 3.08 -83.98 N | 116.22 11.33 -0.88 N | 118.65 9.86 -16.14 N | 123.50 10.33 -14.15 N | 121.70 11.09 -5.48 N | 125.27 10.93 -15.01 N | 119.62 11.94 -4.99 N | 156.33 8.83 -67.65 N | 120.42 4.39 -71.31 N | 122.38 4.35 -76.07 N | |
| PROJECT___ORANGE 1 24174 | 25.51 -0.44 -1.80 N | 6.14 0.08 -10.17 N | 22.66 -0.39 -2.51 N | 9.16 -0.15 -2.09 N | 10.84 -0.23 -0.76 N | 4.20 0.15 -10.71 N | 27.50 -0.49 -7.61 N | 29.50 -0.78 -2.79 N | 33.47 -0.99 0.00 N | 25.65 -0.60 -7.98 N | 30.46 -0.67 -9.49 N | 27.63 -0.63 -8.92 N | 35.66 -0.91 -8.31 N | 32.33 -0.93 -3.67 N | 32.80 -0.96 -7.30 N | 85.83 -4.34 13.83 N | 83.12 -3.63 5.89 N | 95.51 -3.50 0.00 N | 101.49 -3.64 0.00 N | 95.81 -3.52 0.00 N | 96.33 -3.95 2.42 N | 83.74 -2.87 -6.75 N | 50.49 -1.35 -7.12 N | 48.56 -1.00 -7.59 N | |
| PROJECT___ORANGE 2 24166 | 25.51 -0.44 -1.80 N | 6.14 0.08 -10.17 N | 22.66 -0.39 -2.51 N | 9.16 -0.15 -2.09 N | 10.84 -0.23 -0.76 N | 4.20 0.15 -10.71 N | 27.50 -0.49 -7.61 N | 29.50 -0.78 -2.79 N | 33.47 -0.99 0.00 N | 25.65 -0.60 -7.98 N | 30.46 -0.67 -9.49 N | 27.63 -0.63 -8.92 N | 35.66 -0.91 -8.31 N | 32.33 -0.93 -3.67 N | 32.80 -0.96 -7.30 N | 85.83 -4.34 13.83 N | 83.12 -3.63 5.89 N | 95.51 -3.50 0.00 N | 101.49 -3.64 0.00 N | 95.81 -3.52 0.00 N | 96.33 -3.95 2.42 N | 83.74 -2.87 -6.75 N | 50.49 -1.35 -7.12 N | 48.56 -1.00 -7.59 N | |
| PYRITES___HYD 24023 | 23.47 -0.69 0.00 N | -4.00 0.11 0.00 N | 19.93 -0.60 0.00 N | 7.04 -0.18 0.00 N | 10.05 -0.26 0.00 N | -6.47 0.18 0.00 N | 19.81 -0.57 0.00 N | 26.82 -0.67 0.00 N | 33.64 -0.82 0.00 N | 17.86 -0.40 0.00 N | 21.06 -0.58 0.00 N | 18.95 -0.39 0.00 N | 27.73 -0.53 0.00 N | 29.05 -0.55 0.00 N | 26.02 -0.43 0.00 N | 100.37 -1.31 2.32 N | 90.61 -1.04 0.99 N | 98.10 -0.92 0.00 N | 104.33 -0.80 0.00 N | 98.07 -1.26 0.00 N | 100.86 -1.43 0.42 N | 78.46 -1.39 0.00 N | 43.82 -0.90 0.00 N | 40.86 -1.11 0.00 N | |
| RAMAPO___LBMP 323565 | 43.51 1.83 -17.51 N | 94.82 -0.29 -99.22 N | 46.55 1.51 -24.51 N | 28.06 0.47 -20.37 N | 18.39 0.66 -7.43 N | 97.37 -0.42 -104.45 N | 96.02 1.44 -74.19 N | 56.82 2.11 -27.22 N | 37.31 2.86 0.00 N | 97.72 1.59 -77.87 N | 116.24 2.01 -92.60 N | 108.11 1.78 -86.99 N | 111.97 2.70 -81.01 N | 68.01 2.79 -35.62 N | 99.73 2.37 -70.90 N | 110.62 8.72 2.10 N | 99.39 7.65 0.90 N | 107.10 8.09 0.00 N | 113.79 8.65 0.00 N | 107.90 8.57 0.00 N | 111.59 9.34 0.45 N | 152.93 7.52 -65.56 N | 117.85 4.02 -69.11 N | 119.39 3.69 -73.73 N | |
| RANKINE____ 23646 | 25.50 -1.96 -3.30 N | 14.92 0.31 -18.72 N | 23.45 -1.71 -4.62 N | 10.46 -0.60 -3.84 N | 10.78 -0.93 -1.40 N | 13.68 0.63 -19.71 N | 32.30 -2.08 -14.00 N | 29.55 -3.08 -5.14 N | 30.74 -3.72 0.00 N | 30.71 -2.25 -14.69 N | 36.61 -2.50 -17.47 N | 33.36 -2.39 -16.41 N | 40.12 -3.43 -15.29 N | 32.75 -3.58 -6.74 N | 36.36 -3.51 -13.41 N | 76.73 -11.85 13.33 N | 75.11 -11.85 5.68 N | 87.39 -11.62 0.00 N | 92.77 -12.36 0.00 N | 87.49 -11.84 0.00 N | 82.62 -13.15 6.93 N | 83.02 -9.24 -12.41 N | 52.93 -4.86 -13.08 N | 52.30 -3.60 -13.94 N | |
| RAVENSWOOD_GT2_1 24244 | 44.25 2.03 -18.07 N | 97.92 -0.33 -102.36 N | 47.48 1.66 -25.28 N | 28.76 0.52 -21.02 N | 18.70 0.73 -7.66 N | 100.63 -0.46 -107.75 N | 98.53 1.60 -76.54 N | 57.89 2.32 -28.08 N | 37.59 3.13 0.00 N | 100.35 1.75 -80.33 N | 119.39 2.23 -95.53 N | 111.06 1.98 -89.74 N | 114.85 3.02 -83.57 N | 69.50 3.15 -36.75 N | 102.29 2.69 -73.14 N | 111.89 9.96 2.07 N | 100.52 8.77 0.88 N | 108.28 9.27 0.00 N | 114.90 9.77 0.00 N | 109.00 9.67 0.00 N | 112.86 10.60 0.44 N | 156.08 8.59 -67.64 N | 120.58 4.56 -71.30 N | 122.20 4.17 -76.06 N | |
| RAVENSWOOD_GT2_2 | 44.25 | 97.92 | 47.48 | 28.76 | 18.70 | 100.63 | 98.53 | 57.89 | 37.59 | 100.35 | 119.39 | 111.06 | 114.85 | 69.50 | 102.29 | 111.89 | 100.52 | 108.28 | 114.90 | 109.00 | 112.86 | 156.08 | 120.58 | 122.20 | |

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|---------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|-----------------------------|---------------------------------|------------------------------|------------------------------|----------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 24245 | 2.03 -18.07 N | -0.33 -102.36 N | 1.66 -25.28 N | 0.52 -21.02 N | 0.73 -7.66 N | -0.46 -107.75 N | 1.60 -76.54 N | 2.32 -28.08 N | 3.13 0.00 N | 1.75 -80.33 N | 2.23 -95.53 N | 1.98 -89.74 N | 3.02 -83.57 N | 3.15 -36.75 N | 2.69 -73.14 N | 9.96 2.07 N | 8.77 0.88 N | 9.27 0.00 N | 9.77 0.00 N | 9.67 0.00 N | 10.60 0.44 N | 8.59 -67.64 N | 4.56 -71.30 N | 4.17 -76.06 N |
| RAVENSWOOD_GT2_3 24246 | 44.27 2.05 -18.07 N | 97.92 -0.33 -102.36 N | 47.49 1.68 -25.28 N | 28.76 0.52 -21.02 N | 18.71 0.74 -7.66 N | 100.63 -0.46 -107.75 N | 98.53 1.61 -76.54 N | 57.91 2.34 -28.08 N | 37.61 3.16 0.00 N | 100.36 1.77 -80.33 N | 119.41 2.25 -95.53 N | 111.08 2.00 -89.74 N | 114.88 3.05 -83.57 N | 69.52 3.18 -36.75 N | 102.31 2.71 -73.14 N | 112.00 10.06 2.07 N | 100.61 8.85 0.88 N | 108.38 9.37 0.00 N | 115.00 9.87 0.00 N | 109.09 9.76 0.00 N | 112.96 10.71 0.44 N | 156.15 8.66 -67.64 N | 120.63 4.60 -71.30 N | 122.24 4.21 -76.06 N |
| RAVENSWOOD_GT2_4 24247 | 44.27 2.05 -18.07 N | 97.92 -0.33 -102.36 N | 47.49 1.68 -25.28 N | 28.76 0.52 -21.02 N | 18.71 0.74 -7.66 N | 100.63 -0.46 -107.75 N | 98.53 1.61 -76.54 N | 57.91 2.34 -28.08 N | 37.61 3.16 0.00 N | 100.36 1.77 -80.33 N | 119.41 2.25 -95.53 N | 111.08 2.00 -89.74 N | 114.88 3.05 -83.57 N | 69.52 3.18 -36.75 N | 102.31 2.71 -73.14 N | 112.00 10.06 2.07 N | 100.61 8.85 0.88 N | 108.38 9.37 0.00 N | 115.00 9.87 0.00 N | 109.09 9.76 0.00 N | 112.96 10.71 0.44 N | 156.15 8.66 -67.64 N | 120.63 4.60 -71.30 N | 122.24 4.21 -76.06 N |
| RAVENSWOOD_GT3_1 24248 | 44.25 2.03 -18.07 N | 97.92 -0.33 -102.36 N | 47.48 1.66 -25.28 N | 28.76 0.52 -21.02 N | 18.70 0.73 -7.66 N | 100.63 -0.46 -107.75 N | 98.53 1.60 -76.54 N | 57.89 2.32 -28.08 N | 37.59 3.13 0.00 N | 100.35 1.75 -80.33 N | 119.39 2.23 -95.53 N | 111.06 1.98 -89.74 N | 114.85 3.02 -83.57 N | 69.50 3.15 -36.75 N | 102.29 2.69 -73.14 N | 111.89 9.96 2.07 N | 100.52 8.77 0.88 N | 108.28 9.27 0.00 N | 114.90 9.77 0.00 N | 109.01 9.68 0.00 N | 112.87 10.61 0.44 N | 156.08 8.59 -67.64 N | 120.58 4.56 -71.30 N | 122.20 4.17 -76.06 N |
| RAVENSWOOD_GT3_2 24249 | 44.25 2.03 -18.07 N | 97.92 -0.33 -102.36 N | 47.48 1.66 -25.28 N | 28.76 0.52 -21.02 N | 18.70 0.73 -7.66 N | 100.63 -0.46 -107.75 N | 98.53 1.60 -76.54 N | 57.89 2.32 -28.08 N | 37.59 3.13 0.00 N | 100.35 1.75 -80.33 N | 119.39 2.23 -95.53 N | 111.06 1.98 -89.74 N | 114.85 3.02 -83.57 N | 69.50 3.15 -36.75 N | 102.29 2.69 -73.14 N | 111.89 9.96 2.07 N | 100.52 8.77 0.88 N | 108.28 9.27 0.00 N | 114.90 9.77 0.00 N | 109.01 9.68 0.00 N | 112.87 10.61 0.44 N | 156.08 8.59 -67.64 N | 120.58 4.56 -71.30 N | 122.20 4.17 -76.06 N |
| RAVENSWOOD_GT3_3 24250 | 44.29 2.06 -18.07 N | 97.92 -0.33 -102.36 N | 47.51 1.70 -25.28 N | 28.76 0.52 -21.02 N | 18.71 0.75 -7.66 N | 100.62 -0.47 -107.75 N | 98.55 1.62 -76.54 N | 57.92 2.35 -28.08 N | 37.63 3.18 0.00 N | 100.38 1.78 -80.33 N | 119.42 2.26 -95.53 N | 111.09 2.02 -89.74 N | 114.90 3.07 -83.57 N | 69.54 3.20 -36.75 N | 102.33 2.73 -73.14 N | 112.08 10.14 2.07 N | 100.68 8.92 0.88 N | 108.42 9.41 0.00 N | 115.09 9.96 0.00 N | 109.18 9.85 0.00 N | 113.02 10.76 0.44 N | 156.20 8.71 -67.64 N | 120.64 4.62 -71.30 N | 122.26 4.24 -76.06 N |
| RAVENSWOOD_GT3_4 24251 | 44.29 2.06 -18.07 N | 97.92 -0.33 -102.36 N | 47.51 1.70 -25.28 N | 28.76 0.52 -21.02 N | 18.71 0.75 -7.66 N | 100.62 -0.47 -107.75 N | 98.55 1.62 -76.54 N | 57.92 2.35 -28.08 N | 37.63 3.18 0.00 N | 100.38 1.78 -80.33 N | 119.42 2.26 -95.53 N | 111.09 2.02 -89.74 N | 114.90 3.07 -83.57 N | 69.54 3.20 -36.75 N | 102.33 2.73 -73.14 N | 112.08 10.14 2.07 N | 100.68 8.92 0.88 N | 108.42 9.41 0.00 N | 115.09 9.96 0.00 N | 109.18 9.85 0.00 N | 113.02 10.76 0.44 N | 156.20 8.71 -67.64 N | 120.64 4.62 -71.30 N | 122.26 4.24 -76.06 N |
| RAVENSWOOD_GT_1 23729 | 44.33 2.10 -18.07 N | 97.92 -0.33 -102.36 N | 47.54 1.73 -25.28 N | 28.77 0.53 -21.02 N | 18.72 0.76 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.65 -76.54 N | 57.96 2.39 -28.08 N | 37.67 3.22 0.00 N | 100.39 1.79 -80.33 N | 119.45 2.29 -95.53 N | 111.10 2.03 -89.74 N | 114.91 3.09 -83.57 N | 69.58 3.23 -36.75 N | 102.34 2.74 -73.14 N | 112.07 10.13 2.07 N | 100.69 8.94 0.88 N | 108.42 9.41 0.00 N | 115.04 9.90 0.00 N | 109.11 9.78 0.00 N | 112.97 10.71 0.44 N | 156.16 8.67 -67.64 N | 120.60 4.58 -71.30 N | 122.24 4.21 -76.06 N |
| RAVENSWOOD_GT_10 24258 | 44.25 2.03 -18.07 N | 97.92 -0.33 -102.36 N | 47.48 1.66 -25.28 N | 28.76 0.52 -21.02 N | 18.70 0.73 -7.66 N | 100.63 -0.46 -107.75 N | 98.52 1.60 -76.54 N | 57.89 2.31 -28.08 N | 37.58 3.13 0.00 N | 100.35 1.75 -80.33 N | 119.39 2.23 -95.53 N | 111.06 1.98 -89.74 N | 114.85 3.02 -83.57 N | 69.50 3.15 -36.75 N | 102.29 2.69 -73.14 N | 111.89 9.96 2.07 N | 100.52 8.76 0.88 N | 108.28 9.27 0.00 N | 114.90 9.77 0.00 N | 109.01 9.68 0.00 N | 112.87 10.61 0.44 N | 156.08 8.59 -67.64 N | 120.58 4.56 -71.30 N | 122.20 4.17 -76.06 N |
| RAVENSWOOD_GT_11 24259 | 44.25 2.03 -18.07 N | 97.92 -0.33 -102.36 N | 47.48 1.66 -25.28 N | 28.76 0.52 -21.02 N | 18.70 0.73 -7.66 N | 100.63 -0.46 -107.75 N | 98.52 1.60 -76.54 N | 57.89 2.31 -28.08 N | 37.58 3.13 0.00 N | 100.35 1.75 -80.33 N | 119.39 2.23 -95.53 N | 111.06 1.98 -89.74 N | 114.85 3.02 -83.57 N | 69.50 3.15 -36.75 N | 102.29 2.69 -73.14 N | 111.89 9.96 2.07 N | 100.52 8.76 0.88 N | 108.28 9.27 0.00 N | 114.90 9.77 0.00 N | 109.01 9.68 0.00 N | 112.87 10.61 0.44 N | 156.08 8.59 -67.64 N | 120.58 4.56 -71.30 N | 122.20 4.17 -76.06 N |
| RAVENSWOOD_GT_4 24252 | 44.24 2.02 -18.07 N | 97.93 -0.32 -102.36 N | 47.47 1.65 -25.28 N | 28.75 0.51 -21.02 N | 18.69 0.73 -7.66 N | 100.63 -0.46 -107.75 N | 98.51 1.58 -76.54 N | 57.87 2.30 -28.08 N | 37.57 3.12 0.00 N | 100.34 1.75 -80.33 N | 119.38 2.22 -95.53 N | 111.05 1.98 -89.74 N | 114.84 3.02 -83.57 N | 69.48 3.13 -36.75 N | 102.28 2.68 -73.14 N | 111.88 9.95 2.07 N | 100.51 8.75 0.88 N | 108.28 9.26 0.00 N | 114.90 9.77 0.00 N | 109.01 9.68 0.00 N | 112.88 10.62 0.44 N | 156.08 8.60 -67.64 N | 120.58 4.56 -71.30 N | 122.20 4.17 -76.06 N |
| RAVENSWOOD_GT_5 24254 | 44.24 2.02 -18.07 N | 97.93 -0.32 -102.36 N | 47.47 1.65 -25.28 N | 28.75 0.51 -21.02 N | 18.69 0.73 -7.66 N | 100.63 -0.46 -107.75 N | 98.51 1.58 -76.54 N | 57.87 2.30 -28.08 N | 37.57 3.12 0.00 N | 100.34 1.75 -80.33 N | 119.38 2.22 -95.53 N | 111.05 1.98 -89.74 N | 114.84 3.02 -83.57 N | 69.48 3.13 -36.75 N | 102.28 2.68 -73.14 N | 111.88 9.95 2.07 N | 100.51 8.75 0.88 N | 108.28 9.26 0.00 N | 114.90 9.77 0.00 N | 109.01 9.68 0.00 N | 112.88 10.62 0.44 N | 156.08 8.60 -67.64 N | 120.58 4.56 -71.30 N | 122.20 4.17 -76.06 N |
| RAVENSWOOD_GT_6 24253 | 44.24 2.02 -18.07 N | 97.93 -0.32 -102.36 N | 47.47 1.65 -25.28 N | 28.75 0.51 -21.02 N | 18.69 0.73 -7.66 N | 100.63 -0.46 -107.75 N | 98.51 1.58 -76.54 N | 57.87 2.30 -28.08 N | 37.57 3.12 0.00 N | 100.34 1.75 -80.33 N | 119.38 2.22 -95.53 N | 111.05 1.98 -89.74 N | 114.84 3.02 -83.57 N | 69.48 3.13 -36.75 N | 102.28 2.68 -73.14 N | 111.88 9.95 2.07 N | 100.51 8.75 0.88 N | 108.28 9.26 0.00 N | 114.90 9.77 0.00 N | 109.01 9.68 0.00 N | 112.88 10.62 0.44 N | 156.08 8.60 -67.64 N | 120.58 4.56 -71.30 N | 122.20 4.17 -76.06 N |
| RAVENSWOOD_GT_7 24255 | 44.24 2.02 -18.07 N | 97.93 -0.32 -102.36 N | 47.47 1.65 -25.28 N | 28.75 0.51 -21.02 N | 18.69 0.73 -7.66 N | 100.63 -0.46 -107.75 N | 98.51 1.58 -76.54 N | 57.87 2.30 -28.08 N | 37.57 3.12 0.00 N | 100.34 1.75 -80.33 N | 119.38 2.22 -95.53 N | 111.05 1.98 -89.74 N | 114.84 3.02 -83.57 N | 69.48 3.13 -36.75 N | 102.28 2.68 -73.14 N | 111.88 9.95 2.07 N | 100.51 8.75 0.88 N | 108.28 9.26 0.00 N | 114.90 9.77 0.00 N | 109.01 9.68 0.00 N | 112.88 10.62 0.44 N | 156.08 8.60 -67.64 N | 120.58 4.56 -71.30 N | 122.20 4.17 -76.06 N |

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|-----------------------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 44.25 2.03 -18.07 N | 97.92 -0.33 -102.36 N | 47.48 1.66 -25.28 N | 28.76 0.52 -21.02 N | 18.70 0.73 -7.66 N | 100.63 -0.46 -107.75 N | 98.52 1.60 -76.54 N | 57.89 2.31 -28.08 N | 37.58 3.13 0.00 N | 100.35 1.75 -80.33 N | 119.39 2.23 -95.53 N | 111.06 1.98 -89.74 N | 114.85 3.02 -83.57 N | 69.50 3.15 -36.75 N | 102.29 2.69 -73.14 N | 111.89 9.96 2.07 N | 100.52 8.76 0.88 N | 108.28 9.27 0.00 N | 114.90 9.77 0.00 N | 109.01 9.68 0.00 N | 112.87 10.61 0.44 N | 156.08 8.59 -67.64 N | 120.58 4.56 -71.30 N | 122.20 4.17 -76.06 N |
| RAVENSWOOD_GT_9 24257 | 44.25 2.03 -18.07 N | 97.92 -0.33 -102.36 N | 47.48 1.66 -25.28 N | 28.76 0.52 -21.02 N | 18.70 0.73 -7.66 N | 100.63 -0.46 -107.75 N | 98.52 1.60 -76.54 N | 57.89 2.31 -28.08 N | 37.58 3.13 0.00 N | 100.35 1.75 -80.33 N | 119.39 2.23 -95.53 N | 111.06 1.98 -89.74 N | 114.85 3.02 -83.57 N | 69.50 3.15 -36.75 N | 102.29 2.69 -73.14 N | 111.89 9.96 2.07 N | 100.52 8.76 0.88 N | 108.28 9.27 0.00 N | 114.90 9.77 0.00 N | 109.01 9.68 0.00 N | 112.87 10.61 0.44 N | 156.08 8.59 -67.64 N | 120.58 4.56 -71.30 N | 122.20 4.17 -76.06 N |
| RAVENSWOOD___1 23533 | 44.33 2.10 -18.07 N | 97.92 -0.33 -102.36 N | 47.54 1.72 -25.28 N | 28.77 0.53 -21.02 N | 18.72 0.76 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.65 -76.54 N | 57.96 2.39 -28.08 N | 37.67 3.22 0.00 N | 100.38 1.79 -80.33 N | 119.45 2.29 -95.53 N | 111.10 2.02 -89.74 N | 114.91 3.08 -83.57 N | 69.56 3.22 -36.75 N | 102.34 2.74 -73.14 N | 112.07 10.13 2.07 N | 100.67 8.91 0.88 N | 108.40 9.38 0.00 N | 115.01 9.88 0.00 N | 109.09 9.75 0.00 N | 112.95 10.69 0.44 N | 156.12 8.64 -67.64 N | 120.57 4.56 -71.30 N | 122.23 4.20 -76.06 N |
| RAVENSWOOD___2 23534 | 44.33 2.10 -18.07 N | 97.92 -0.33 -102.36 N | 47.54 1.72 -25.28 N | 28.77 0.53 -21.02 N | 18.72 0.76 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.65 -76.54 N | 57.96 2.39 -28.08 N | 37.67 3.22 0.00 N | 100.38 1.79 -80.33 N | 119.45 2.29 -95.53 N | 111.10 2.02 -89.74 N | 114.91 3.08 -83.57 N | 69.56 3.22 -36.75 N | 102.34 2.74 -73.14 N | 112.06 10.12 2.07 N | 100.66 8.90 0.88 N | 108.36 9.34 0.00 N | 114.99 9.85 0.00 N | 109.06 9.72 0.00 N | 112.90 10.64 0.44 N | 156.09 8.60 -67.64 N | 120.57 4.55 -71.30 N | 122.22 4.20 -76.06 N |
| RAVENSWOOD___3 23535 | 44.25 2.03 -18.07 N | 97.93 -0.32 -102.36 N | 47.48 1.67 -25.28 N | 28.76 0.51 -21.02 N | 18.70 0.74 -7.66 N | 100.63 -0.46 -107.75 N | 98.53 1.60 -76.54 N | 57.89 2.32 -28.08 N | 37.59 3.13 0.00 N | 100.35 1.75 -80.33 N | 119.39 2.23 -95.53 N | 111.06 1.99 -89.74 N | 114.86 3.03 -83.57 N | 69.50 3.15 -36.75 N | 102.29 2.69 -73.14 N | 111.90 9.97 2.07 N | 100.53 8.77 0.88 N | 108.29 9.28 0.00 N | 114.91 9.77 0.00 N | 109.01 9.68 0.00 N | 112.88 10.62 0.44 N | 156.08 8.60 -67.64 N | 120.58 4.56 -71.30 N | 122.20 4.18 -76.06 N |
| RAVENSWOOD___4 23820 | 44.32 2.09 -18.07 N | 97.92 -0.33 -102.36 N | 47.54 1.72 -25.28 N | 28.77 0.53 -21.02 N | 18.72 0.76 -7.66 N | 100.62 -0.47 -107.75 N | 98.57 1.64 -76.54 N | 57.96 2.39 -28.08 N | 37.67 3.21 0.00 N | 100.38 1.79 -80.33 N | 119.45 2.29 -95.53 N | 111.10 2.02 -89.74 N | 114.91 3.08 -83.57 N | 69.56 3.21 -36.75 N | 102.34 2.74 -73.14 N | 112.06 10.12 2.07 N | 100.65 8.89 0.88 N | 108.34 9.33 0.00 N | 114.98 9.84 0.00 N | 109.02 9.69 0.00 N | 112.87 10.61 0.44 N | 156.08 8.59 -67.64 N | 120.57 4.55 -71.30 N | 122.22 4.20 -76.06 N |
| RCPL_TRUST___DRP 24196 | 44.28 2.06 -18.06 N | 97.91 -0.33 -102.34 N | 47.50 1.68 -25.28 N | 28.76 0.52 -21.01 N | 18.71 0.75 -7.66 N | 100.61 -0.47 -107.73 N | 98.54 1.62 -76.53 N | 57.92 2.35 -28.08 N | 37.63 3.17 0.00 N | 100.37 1.78 -80.32 N | 119.41 2.26 -95.51 N | 111.08 2.02 -89.73 N | 114.89 3.07 -83.56 N | 69.53 3.19 -36.75 N | 102.32 2.73 -73.13 N | 112.07 10.13 2.07 N | 100.68 8.92 0.88 N | 108.44 9.43 0.00 N | 115.09 9.96 0.00 N | 109.18 9.85 0.00 N | 113.07 10.81 0.44 N | 156.23 8.75 -67.63 N | 120.66 4.65 -71.29 N | 122.26 4.25 -76.05 N |
| RENSSELAER___COGEN 23796 | 48.39 1.45 -22.79 N | 124.74 -0.25 -129.10 N | 53.64 1.22 -31.89 N | 34.15 0.42 -26.51 N | 20.55 0.58 -9.66 N | 128.84 -0.40 -135.90 N | 118.15 1.24 -96.53 N | 64.67 1.77 -35.42 N | 36.77 2.31 0.00 N | 120.82 1.23 -101.32 N | 143.60 1.49 -120.48 N | 133.84 1.32 -113.18 N | 135.84 1.96 -105.62 N | 78.07 2.02 -46.46 N | 120.74 1.82 -92.46 N | 109.21 6.94 1.73 N | 97.68 5.78 0.74 N | 105.15 6.14 0.00 N | 111.43 6.30 0.00 N | 105.52 6.18 0.00 N | 109.12 6.73 0.31 N | 170.93 5.58 -85.50 N | 138.08 3.24 -90.13 N | 140.87 2.98 -95.92 N |
| REVERE_CPPR_DRP 24186 | 25.06 0.41 -0.49 N | -1.38 -0.05 -2.78 N | 21.54 0.32 -0.69 N | 7.89 0.10 -0.57 N | 10.66 0.15 -0.21 N | -3.83 -0.10 -2.93 N | 22.78 0.32 -2.08 N | 28.72 0.46 -0.76 N | 35.13 0.68 0.00 N | 20.82 0.38 -2.18 N | 24.68 0.46 -2.59 N | 22.18 0.40 -2.44 N | 31.14 0.61 -2.27 N | 31.25 0.65 -1.00 N | 28.94 0.49 -2.00 N | 99.30 1.48 6.19 N | 91.45 1.45 2.64 N | 101.04 2.02 0.00 N | 107.49 2.36 0.00 N | 101.38 2.05 0.00 N | 103.37 1.78 1.11 N | 83.13 1.43 -1.85 N | 47.54 0.87 -1.95 N | 44.87 0.83 -2.07 N |
| ROCHESTER_9_IC 23652 | 25.54 -1.13 -2.51 N | 10.25 0.13 -14.22 N | 23.02 -1.03 -3.51 N | 9.79 -0.36 -2.92 N | 10.82 -0.55 -1.06 N | 8.69 0.37 -14.97 N | 29.73 -1.29 -10.63 N | 29.54 -1.85 -3.90 N | 32.22 -2.23 0.00 N | 28.06 -1.36 -11.16 N | 33.35 -1.56 -13.27 N | 30.37 -1.44 -12.47 N | 37.81 -2.07 -11.62 N | 32.60 -2.12 -5.13 N | 34.53 -2.13 -10.21 N | 80.85 -8.80 14.35 N | 79.20 -7.33 6.11 N | 92.27 -6.74 0.00 N | 97.95 -7.18 0.00 N | 92.30 -7.03 0.00 N | 86.68 -8.04 7.97 N | 83.43 -5.85 -9.44 N | 51.58 -3.08 -9.95 N | 50.25 -2.32 -10.60 N |
| ROSETON___1 23587 | 43.86 1.72 -17.98 N | 97.51 -0.28 -101.89 N | 47.13 1.42 -25.17 N | 28.60 0.45 -20.92 N | 18.57 0.64 -7.63 N | 100.20 -0.40 -107.26 N | 97.94 1.37 -76.19 N | 57.42 1.98 -27.95 N | 37.11 2.66 0.00 N | 99.70 1.47 -79.97 N | 118.58 1.85 -95.09 N | 110.31 1.64 -89.33 N | 113.93 2.48 -83.18 N | 68.76 2.58 -36.58 N | 101.49 2.23 -72.81 N | 110.18 8.25 2.08 N | 98.92 7.16 0.88 N | 106.54 7.52 0.00 N | 113.13 7.99 0.00 N | 107.24 7.91 0.00 N | 110.90 8.64 0.44 N | 154.19 7.01 -67.33 N | 119.47 3.78 -70.97 N | 121.16 3.49 -75.71 N |
| ROSETON___2 23588 | 43.86 1.72 -17.98 N | 97.51 -0.28 -101.89 N | 47.13 1.42 -25.17 N | 28.60 0.45 -20.92 N | 18.57 0.64 -7.63 N | 100.20 -0.40 -107.26 N | 97.94 1.37 -76.19 N | 57.42 1.98 -27.95 N | 37.11 2.66 0.00 N | 99.70 1.47 -79.97 N | 118.58 1.85 -95.09 N | 110.31 1.64 -89.33 N | 113.93 2.48 -83.18 N | 68.76 2.58 -36.58 N | 101.49 2.23 -72.81 N | 110.18 8.25 2.08 N | 98.92 7.16 0.88 N | 106.54 7.52 0.00 N | 113.13 7.99 0.00 N | 107.24 7.91 0.00 N | 110.90 8.64 0.44 N | 154.19 7.01 -67.33 N | 119.47 3.78 -70.97 N | 121.16 3.49 -75.71 N |
| RUSSELL___1 23602 | 25.72 -0.93 -2.49 N | 10.08 0.07 -14.11 N | 23.15 -0.87 -3.49 N | 9.79 -0.33 -2.90 N | 10.91 -0.45 -1.06 N | 8.49 0.30 -14.86 N | 29.86 -1.08 -10.55 N | 29.81 -1.56 -3.87 N | 32.68 -1.78 0.00 N | 28.27 -1.07 -11.08 N | 33.40 -1.40 -13.17 N | 30.42 -1.29 -12.37 N | 37.78 -2.01 -11.53 N | 32.76 -1.92 -5.09 N | 34.63 -1.96 -10.13 N | 80.95 -8.69 14.37 N | 79.01 -7.51 6.12 N | 92.04 -6.97 0.00 N | 97.38 -7.75 0.00 N | 91.50 -7.83 0.00 N | 85.67 -9.03 8.00 N | 82.45 -6.77 -9.37 N | 51.11 -3.48 -9.87 N | 49.71 -2.78 -10.52 N |
| RUSSELL___2 23532 | 25.72 -0.93 -2.49 N | 10.08 0.07 -14.11 N | 23.15 -0.87 -3.49 N | 9.79 -0.33 -2.90 N | 10.91 -0.45 -1.06 N | 8.49 0.30 -14.86 N | 29.86 -1.08 -10.55 N | 29.81 -1.56 -3.87 N | 32.68 -1.78 0.00 N | 28.27 -1.07 -11.08 N | 33.40 -1.40 -13.17 N | 30.42 -1.29 -12.37 N | 37.78 -2.01 -11.53 N | 32.76 -1.92 -5.09 N | 34.63 -1.96 -10.13 N | 80.95 -8.69 14.37 N | 79.01 -7.51 6.12 N | 92.04 -6.97 0.00 N | 97.38 -7.75 0.00 N | 91.50 -7.83 0.00 N | 85.67 -9.03 8.00 N | 82.45 -6.77 -9.37 N | 51.11 -3.48 -9.87 N | 49.71 -2.78 -10.52 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|-----------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---|
| RUSSELL___3 23549 | 25.53 -1.14 -2.51 N | 10.23 0.12 -14.21 N | 23.01 -1.04 -3.51 N | 9.77 -0.37 -2.92 N | 10.83 -0.54 -1.06 N | 8.66 0.36 -14.96 N | 29.73 -1.27 -10.63 N | 29.57 -1.82 -3.90 N | 32.29 -2.17 0.00 N | 28.10 -1.31 -11.15 N | 33.33 -1.57 -13.26 N | 30.36 -1.44 -12.46 N | 37.74 -2.13 -11.61 N | 32.58 -2.14 -5.12 N | 34.50 -2.15 -10.20 N | 80.53 -9.12 14.35 N | 78.80 -7.73 6.11 N | 91.72 -7.29 0.00 N | 97.16 -7.97 0.00 N | 91.50 -7.83 0.00 N | 85.77 -8.95 7.97 N | 82.69 -6.59 -9.43 N | 51.21 -3.45 -9.94 N | 49.89 -2.67 -10.60 N | |
| RUSSELL___4 23556 | 25.71 -0.93 -2.49 N | 10.08 0.08 -14.11 N | 23.15 -0.87 -3.49 N | 9.79 -0.32 -2.90 N | 10.90 -0.46 -1.06 N | 8.50 0.30 -14.86 N | 29.86 -1.08 -10.55 N | 29.80 -1.56 -3.87 N | 32.66 -1.79 0.00 N | 28.26 -1.08 -11.08 N | 33.40 -1.41 -13.17 N | 30.41 -1.30 -12.37 N | 37.76 -2.02 -11.53 N | 32.75 -1.93 -5.09 N | 34.62 -1.96 -10.13 N | 80.93 -8.70 14.37 N | 78.97 -7.54 6.12 N | 92.04 -6.97 0.00 N | 97.37 -7.76 0.00 N | 91.50 -7.83 0.00 N | 85.67 -9.03 8.00 N | 82.45 -6.77 -9.37 N | 51.11 -3.48 -9.87 N | 49.71 -2.78 -10.52 N | |
| RUSSELL___STATION 23914 | 25.53 -1.14 -2.51 N | 10.23 0.12 -14.21 N | 23.01 -1.04 -3.51 N | 9.77 -0.37 -2.92 N | 10.83 -0.54 -1.06 N | 8.66 0.36 -14.96 N | 29.73 -1.27 -10.63 N | 29.57 -1.82 -3.90 N | 32.29 -2.17 0.00 N | 28.10 -1.31 -11.15 N | 33.33 -1.57 -13.26 N | 30.36 -1.44 -12.46 N | 37.74 -2.13 -11.61 N | 32.58 -2.14 -5.12 N | 34.50 -2.15 -10.20 N | 80.53 -9.12 14.35 N | 78.80 -7.73 6.11 N | 91.72 -7.29 0.00 N | 97.16 -7.97 0.00 N | 91.50 -7.83 0.00 N | 85.77 -8.95 7.97 N | 82.69 -6.59 -9.43 N | 51.21 -3.45 -9.94 N | 49.89 -2.67 -10.60 N | |
| S SALMON___HYD 24043 | 25.12 -0.50 -1.46 N | 4.27 0.08 -8.29 N | 22.13 -0.45 -2.05 N | 8.77 -0.16 -1.70 N | 10.69 -0.23 -0.62 N | 2.23 0.15 -8.73 N | 26.07 -0.51 -6.20 N | 29.05 -0.72 -2.28 N | 33.57 -0.89 0.00 N | 24.28 -0.49 -6.51 N | 28.82 -0.55 -7.74 N | 26.14 -0.47 -7.27 N | 34.36 -0.67 -6.78 N | 31.83 -0.71 -2.94 N | 31.47 -0.82 -5.84 N | 85.69 -4.25 14.06 N | 82.88 -3.77 5.99 N | 95.46 -3.56 0.00 N | 101.45 -3.69 0.00 N | 95.68 -3.66 0.00 N | 96.24 -4.00 2.46 N | 82.56 -2.69 -5.40 N | 49.31 -1.10 -5.69 N | 47.15 -0.88 -6.06 N | |
| SELKIRK___II 23799 | 47.92 1.06 -22.70 N | 124.32 -0.17 -128.60 N | 53.21 0.91 -31.77 N | 33.94 0.31 -26.41 N | 20.37 0.43 -9.63 N | 128.43 -0.29 -135.37 N | 117.44 0.90 -96.16 N | 64.06 1.29 -35.28 N | 36.14 1.68 0.00 N | 120.09 0.90 -100.93 N | 142.76 1.11 -120.02 N | 133.06 0.98 -112.75 N | 135.10 1.38 -105.46 N | 77.39 1.40 -46.40 N | 120.04 1.24 -92.35 N | 106.88 4.60 1.73 N | 95.68 3.77 0.73 N | 102.82 3.81 0.00 N | 109.02 3.88 0.00 N | 103.25 3.91 0.00 N | 106.85 4.46 0.31 N | 168.96 3.71 -85.39 N | 137.08 2.34 -90.02 N | 139.71 2.18 -95.56 N | |
| SELKIRK___I 23801 | 47.93 1.12 -22.65 N | 124.05 -0.18 -128.34 N | 53.21 0.98 -31.70 N | 33.90 0.33 -26.35 N | 20.38 0.46 -9.61 N | 128.13 -0.31 -135.10 N | 117.30 0.95 -95.97 N | 64.07 1.37 -35.21 N | 36.24 1.78 0.00 N | 119.88 0.89 -100.72 N | 142.50 1.09 -119.77 N | 132.82 0.97 -112.52 N | 134.69 1.41 -105.02 N | 77.26 1.47 -46.20 N | 119.68 1.28 -91.94 N | 107.02 4.75 1.73 N | 95.88 3.98 0.74 N | 103.08 4.07 0.00 N | 109.26 4.12 0.00 N | 103.46 4.13 0.00 N | 107.05 4.66 0.31 N | 168.71 3.84 -85.02 N | 136.83 2.48 -89.62 N | 139.62 2.29 -95.36 N | |
| SENECA OSWGO___HYD 24041 | 25.25 -0.61 -1.70 N | 5.62 0.10 -9.63 N | 22.36 -0.56 -2.38 N | 9.00 -0.20 -1.98 N | 10.72 -0.30 -0.72 N | 3.69 0.20 -10.14 N | 26.95 -0.64 -7.20 N | 29.20 -0.93 -2.64 N | 33.27 -1.19 0.00 N | 25.14 -0.69 -7.56 N | 29.84 -0.79 -8.99 N | 27.08 -0.70 -8.45 N | 35.11 -1.01 -7.87 N | 31.93 -1.07 -3.40 N | 32.12 -1.08 -6.74 N | 82.87 -4.86 16.27 N | 81.55 -4.16 6.93 N | 94.89 -4.13 0.00 N | 100.73 -4.41 0.00 N | 95.11 -4.22 0.00 N | 95.24 -4.61 2.85 N | 82.66 -3.43 -6.24 N | 49.62 -1.67 -6.57 N | 47.65 -1.32 -7.01 N | |
| SENECA___ENERGY 23797 | 26.10 -0.63 -2.57 N | 10.58 0.11 -14.58 N | 23.61 -0.52 -3.60 N | 10.01 -0.20 -2.99 N | 11.07 -0.32 -1.09 N | 8.89 0.20 -15.35 N | 30.59 -0.69 -10.90 N | 30.41 -1.08 -4.00 N | 33.18 -1.27 0.00 N | 28.92 -0.79 -11.44 N | 34.33 -0.91 -13.61 N | 31.23 -0.88 -12.78 N | 38.87 -1.29 -11.91 N | 33.54 -1.33 -5.28 N | 35.60 -1.38 -10.52 N | 83.96 -5.82 14.23 N | 81.83 -4.75 6.06 N | 94.48 -4.54 0.00 N | 100.32 -4.81 0.00 N | 94.58 -4.75 0.00 N | 94.89 -5.38 2.43 N | 85.69 -3.89 -9.73 N | 52.96 -2.02 -10.26 N | 51.34 -1.56 -10.93 N | |
| SHOEMAKER___GT 23640 | 42.28 1.58 -16.55 N | 89.41 -0.25 -93.77 N | 45.00 1.30 -23.16 N | 26.88 0.41 -19.26 N | 17.90 0.58 -7.02 N | 91.68 -0.37 -98.71 N | 91.75 1.25 -70.12 N | 55.03 1.82 -25.73 N | 36.91 2.45 0.00 N | 93.21 1.35 -73.60 N | 110.85 1.70 -87.51 N | 103.06 1.51 -82.21 N | 107.09 2.28 -76.55 N | 65.62 2.36 -33.67 N | 95.48 2.02 -67.00 N | 109.27 7.43 2.16 N | 98.22 6.50 0.92 N | 105.87 6.85 0.00 N | 112.46 7.32 0.00 N | 106.57 7.24 0.00 N | 110.12 7.88 0.46 N | 148.23 6.42 -61.96 N | 113.50 3.46 -65.31 N | 114.85 3.20 -69.68 N | |
| SHOREHAM_IC_1 23715 | 44.61 2.38 -18.07 N | 97.85 -0.41 -102.37 N | 47.83 2.02 -25.29 N | 28.85 0.61 -21.02 N | 18.87 0.90 -7.66 N | 100.81 -0.30 -107.76 N | 98.49 1.55 -76.55 N | 57.72 2.14 -28.08 N | 37.77 3.31 0.00 N | 102.30 2.03 -82.01 N | 122.00 2.45 -97.92 N | 111.10 2.01 -89.75 N | 116.36 3.35 -84.75 N | 116.36 3.49 -83.27 N | 113.51 3.08 -83.98 N | 116.22 11.33 -0.88 N | 118.65 9.86 -16.14 N | 123.50 10.33 -14.15 N | 121.70 11.09 -5.48 N | 125.27 10.93 -15.01 N | 119.62 11.94 -4.99 N | 156.33 8.83 -67.65 N | 120.42 4.39 -71.31 N | 122.38 4.35 -76.07 N | |
| SHOREHAM_IC_2 23716 | 44.61 2.38 -18.07 N | 97.85 -0.41 -102.37 N | 47.83 2.02 -25.29 N | 28.85 0.61 -21.02 N | 18.87 0.90 -7.66 N | 100.81 -0.30 -107.76 N | 98.49 1.55 -76.55 N | 57.72 2.14 -28.08 N | 37.77 3.31 0.00 N | 102.30 2.03 -82.01 N | 122.00 2.45 -97.92 N | 111.10 2.01 -89.75 N | 116.36 3.35 -84.75 N | 116.36 3.49 -83.27 N | 113.51 3.08 -83.98 N | 116.22 11.33 -0.88 N | 118.65 9.86 -16.14 N | 123.50 10.33 -14.15 N | 121.70 11.09 -5.48 N | 125.27 10.93 -15.01 N | 119.62 11.94 -4.99 N | 156.33 8.83 -67.65 N | 120.42 4.39 -71.31 N | 122.38 4.35 -76.07 N | |
| SISSONVILLE___ 23735 | 23.19 -0.97 0.00 N | -3.95 0.16 0.00 N | 19.71 -0.82 0.00 N | 6.96 -0.26 0.00 N | 9.94 -0.37 0.00 N | -6.40 0.25 0.00 N | 19.58 -0.80 0.00 N | 26.48 -1.01 0.00 N | 33.19 -1.26 0.00 N | 17.63 -0.63 0.00 N | 20.77 -0.86 0.00 N | 18.69 -0.64 0.00 N | 27.34 -0.91 0.00 N | 28.65 -0.94 0.00 N | 25.66 -0.79 0.00 N | 98.78 -2.80 2.43 N | 89.21 -2.39 1.04 N | 96.63 -2.37 0.00 N | 102.69 -2.44 0.00 N | 96.54 -2.79 0.00 N | 99.31 -2.95 0.44 N | 77.31 -2.54 0.00 N | 43.26 -1.46 0.00 N | 40.36 -1.61 0.00 N | |
| SITHE_IND_GS1 24169 | 24.76 -0.83 -1.44 N | 4.15 0.13 -8.13 N | 21.83 -0.71 -2.01 N | 8.64 -0.25 -1.67 N | 10.54 -0.37 -0.61 N | 2.15 0.25 -8.56 N | 25.67 -0.79 -6.08 N | 28.56 -1.16 -2.23 N | 32.92 -1.53 0.00 N | 23.77 -0.87 -6.38 N | 28.18 -1.04 -7.59 N | 25.53 -0.94 -7.13 N | 33.52 -1.37 -6.64 N | 31.09 -1.42 -2.92 N | 30.90 -1.36 -5.81 N | 77.48 -5.98 20.54 N | 78.64 -5.26 8.75 N | 93.64 -5.37 0.00 N | 99.40 -5.73 0.00 N | 93.89 -5.45 0.00 N | 93.28 -5.81 3.61 N | 80.84 -4.38 -5.37 N | 48.25 -2.13 -5.66 N | 46.26 -1.73 -6.03 N | |
| SITHE_IND_GS2 | 24.76 | 4.15 | 21.83 | 8.64 | 10.54 | 2.15 | 25.67 | 28.56 | 32.92 | 23.77 | 28.18 | 25.53 | 33.52 | 31.09 | 30.90 | 77.48 | 78.64 | 93.64 | 99.40 | 93.89 | 93.28 | 80.84 | 48.25 | 46.26 | |

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| 24170 | -0.83 -1.44 N | 0.13 -8.13 N | -0.71 -2.01 N | -0.25 -1.67 N | -0.37 -0.61 N | 0.25 -8.56 N | -0.79 -6.08 N | -1.16 -2.23 N | -1.53 0.00 N | -0.87 -6.38 N | -1.04 -7.59 N | -0.94 -7.13 N | -1.37 -6.64 N | -1.42 -2.92 N | -1.36 -5.81 N | -5.98 20.54 N | -5.26 8.75 N | -5.37 0.00 N | -5.73 0.00 N | -5.45 0.00 N | -5.81 3.61 N | -4.38 -5.37 N | -2.13 -5.66 N | -1.73 -6.03 N |
| SITHE_IND_GS3 24171 | 24.76 -0.83 -1.44 N | 4.15 0.13 -8.13 N | 21.83 -0.71 -2.01 N | 8.64 -0.25 -1.67 N | 10.54 -0.37 -0.61 N | 2.15 0.25 -8.56 N | 25.67 -0.79 -6.08 N | 28.56 -1.16 -2.23 N | 32.92 -1.53 0.00 N | 23.77 -0.87 -6.38 N | 28.18 -1.04 -7.59 N | 25.53 -0.94 -7.13 N | 33.52 -1.37 -6.64 N | 31.09 -1.42 -2.92 N | 30.90 -1.36 -5.81 N | 77.48 -5.98 20.54 N | 78.64 -5.26 8.75 N | 93.64 -5.37 0.00 N | 99.40 -5.73 0.00 N | 93.89 -5.45 0.00 N | 93.28 -5.81 3.61 N | 80.84 -4.38 -5.37 N | 48.25 -2.13 -5.66 N | 46.26 -1.73 -6.03 N |
| SITHE_IND_GS4 24172 | 24.76 -0.83 -1.44 N | 4.15 0.13 -8.13 N | 21.83 -0.71 -2.01 N | 8.64 -0.25 -1.67 N | 10.54 -0.37 -0.61 N | 2.15 0.25 -8.56 N | 25.67 -0.79 -6.08 N | 28.56 -1.16 -2.23 N | 32.92 -1.53 0.00 N | 23.77 -0.87 -6.38 N | 28.18 -1.04 -7.59 N | 25.53 -0.94 -7.13 N | 33.52 -1.37 -6.64 N | 31.09 -1.42 -2.92 N | 30.90 -1.36 -5.81 N | 77.48 -5.98 20.54 N | 78.64 -5.26 8.75 N | 93.64 -5.37 0.00 N | 99.40 -5.73 0.00 N | 93.89 -5.45 0.00 N | 93.28 -5.81 3.61 N | 80.84 -4.38 -5.37 N | 48.25 -2.13 -5.66 N | 46.26 -1.73 -6.03 N |
| SITHE___BATAVIA 24024 | 25.49 -1.53 -2.87 N | 12.36 0.20 -16.27 N | 23.18 -1.37 -4.02 N | 10.10 -0.46 -3.34 N | 10.80 -0.72 -1.22 N | 10.97 0.50 -17.13 N | 30.82 -1.73 -12.16 N | 29.38 -2.58 -4.46 N | 31.37 -3.09 0.00 N | 29.11 -1.92 -12.77 N | 34.66 -2.16 -15.18 N | 31.56 -2.04 -14.26 N | 38.63 -2.92 -13.29 N | 32.42 -3.03 -5.86 N | 35.10 -3.02 -11.67 N | 78.01 -12.11 13.89 N | 76.64 -10.08 5.91 N | 89.51 -9.50 0.00 N | 94.94 -10.19 0.00 N | 89.49 -9.85 0.00 N | 84.02 -11.14 7.53 N | 82.78 -7.86 -10.79 N | 51.91 -4.18 -11.37 N | 51.12 -2.96 -12.12 N |
| SITHE___INDEPEND 23800 | 24.76 -0.83 -1.44 N | 4.15 0.13 -8.13 N | 21.83 -0.71 -2.01 N | 8.64 -0.25 -1.67 N | 10.54 -0.37 -0.61 N | 2.15 0.25 -8.56 N | 25.67 -0.79 -6.08 N | 28.56 -1.16 -2.23 N | 32.92 -1.53 0.00 N | 23.77 -0.87 -6.38 N | 28.18 -1.04 -7.59 N | 25.53 -0.94 -7.13 N | 33.52 -1.37 -6.64 N | 31.09 -1.42 -2.92 N | 30.90 -1.36 -5.81 N | 77.48 -5.98 20.54 N | 78.64 -5.26 8.75 N | 93.64 -5.37 0.00 N | 99.40 -5.73 0.00 N | 93.89 -5.45 0.00 N | 93.28 -5.81 3.61 N | 80.84 -4.38 -5.37 N | 48.25 -2.13 -5.66 N | 46.26 -1.73 -6.03 N |
| SITHE___MASSENA 23902 | 23.74 -0.41 0.00 N | -4.05 0.06 0.00 N | 20.19 -0.34 0.00 N | 7.12 -0.10 0.00 N | 10.17 -0.14 0.00 N | -6.55 0.11 0.00 N | 20.04 -0.34 0.00 N | 27.05 -0.44 0.00 N | 33.85 -0.60 0.00 N | 17.95 -0.31 0.00 N | 21.19 -0.44 0.00 N | 19.00 -0.34 0.00 N | 27.80 -0.46 0.00 N | 29.14 -0.45 0.00 N | 26.13 -0.33 0.00 N | 102.19 -0.68 1.13 N | 91.68 -0.48 0.48 N | 98.54 -0.48 0.00 N | 104.67 -0.46 0.00 N | 98.51 -0.83 0.00 N | 101.53 -0.97 0.20 N | 78.82 -1.04 0.00 N | 44.00 -0.72 0.00 N | 41.12 -0.84 0.00 N |
| SITHE___OGDNSBRG 24021 | 23.88 -0.28 0.00 N | -4.07 0.04 0.00 N | 20.27 -0.26 0.00 N | 7.16 -0.06 0.00 N | 10.22 -0.08 0.00 N | -6.59 0.07 0.00 N | 20.16 -0.23 0.00 N | 27.25 -0.24 0.00 N | 34.16 -0.29 0.00 N | 18.13 -0.12 0.00 N | 21.40 -0.23 0.00 N | 19.23 -0.10 0.00 N | 28.13 -0.13 0.00 N | 29.48 -0.11 0.00 N | 26.44 -0.01 0.00 N | 102.73 0.51 1.78 N | 92.49 0.61 0.76 N | 99.81 0.80 0.00 N | 106.22 1.08 0.00 N | 99.86 0.53 0.00 N | 102.73 0.35 0.32 N | 79.78 -0.07 0.00 N | 44.47 -0.25 0.00 N | 41.48 -0.49 0.00 N |
| SITHE___STERLING 23777 | 25.09 0.28 -0.65 N | -0.43 -0.03 -3.71 N | 21.66 0.21 -0.92 N | 8.05 0.06 -0.76 N | 10.67 0.09 -0.28 N | -2.82 -0.06 -3.90 N | 23.34 0.18 -2.77 N | 28.74 0.23 -1.02 N | 34.80 0.35 0.00 N | 21.34 0.17 -2.91 N | 25.32 0.22 -3.46 N | 22.77 0.18 -3.25 N | 31.57 0.28 -3.03 N | 31.24 0.30 -1.34 N | 29.30 0.17 -2.67 N | 97.37 0.33 6.96 N | 90.13 0.46 2.97 N | 99.93 0.91 0.00 N | 106.27 1.14 0.00 N | 100.29 0.96 0.00 N | 102.12 0.67 1.25 N | 82.95 0.63 -2.47 N | 47.77 0.45 -2.60 N | 45.25 0.51 -2.77 N |
| SOUTH CAIRO___GT 23612 | 46.49 2.13 -20.20 N | 110.01 -0.34 -114.46 N | 50.61 1.81 -28.27 N | 31.33 0.60 -23.50 N | 19.73 0.86 -8.57 N | 113.27 -0.57 -120.49 N | 107.79 1.81 -85.59 N | 61.45 2.56 -31.40 N | 37.84 3.39 0.00 N | 109.94 1.85 -89.83 N | 130.76 2.30 -106.83 N | 121.72 2.03 -100.36 N | 122.88 2.92 -91.70 N | 72.86 3.02 -40.25 N | 109.21 2.65 -80.11 N | 112.16 10.10 1.95 N | 100.69 8.89 0.83 N | 108.77 9.75 0.00 N | 115.54 10.40 0.00 N | 109.32 9.99 0.00 N | 112.84 10.55 0.42 N | 162.37 8.45 -74.07 N | 127.52 4.72 -78.09 N | 131.35 4.33 -85.05 N |
| SOUTH HAMPTN___IC 23720 | 44.92 2.69 -18.07 N | 97.81 -0.45 -102.37 N | 48.07 2.25 -25.29 N | 28.94 0.69 -21.02 N | 18.99 1.02 -7.66 N | 100.72 -0.38 -107.76 N | 98.77 1.83 -76.55 N | 58.15 2.57 -28.08 N | 38.34 3.89 0.00 N | 102.63 2.36 -82.01 N | 122.42 2.86 -97.92 N | 111.45 2.36 -89.75 N | 116.86 3.85 -84.75 N | 116.87 4.00 -83.27 N | 113.96 3.53 -83.98 N | 118.02 13.13 -0.88 N | 120.35 11.57 -16.14 N | 125.57 12.40 -14.15 N | 123.89 13.28 -5.48 N | 127.23 12.89 -15.01 N | 121.58 13.89 -4.99 N | 157.81 10.32 -67.65 N | 121.20 5.17 -71.31 N | 123.05 5.01 -76.07 N |
| SOUTHOLD___IC 23719 | 45.61 3.39 -18.07 N | 97.70 -0.56 -102.37 N | 48.62 2.80 -25.29 N | 29.13 0.88 -21.02 N | 19.25 1.29 -7.66 N | 100.53 -0.57 -107.76 N | 99.37 2.44 -76.55 N | 59.02 3.44 -28.08 N | 39.54 5.08 0.00 N | 103.30 3.03 -82.01 N | 123.25 3.69 -97.92 N | 112.19 3.10 -89.75 N | 117.92 4.91 -84.75 N | 117.94 5.07 -83.27 N | 114.89 4.46 -83.98 N | 121.76 16.87 -0.88 N | 123.88 15.10 -16.14 N | 129.82 16.65 -14.15 N | 128.50 17.89 -5.48 N | 131.51 17.17 -15.01 N | 125.82 18.14 -4.99 N | 161.00 13.50 -67.65 N | 122.83 6.80 -71.31 N | 124.43 6.40 -76.07 N |
| ST LAWRENCE____ 23600 | 23.60 -0.56 0.00 N | -4.03 0.08 0.00 N | 20.07 -0.47 0.00 N | 7.08 -0.14 0.00 N | 10.11 -0.20 0.00 N | -6.51 0.15 0.00 N | 19.92 -0.46 0.00 N | 26.87 -0.62 0.00 N | 33.63 -0.83 0.00 N | 17.82 -0.44 0.00 N | 21.04 -0.59 0.00 N | 18.86 -0.47 0.00 N | 27.58 -0.68 0.00 N | 28.92 -0.68 0.00 N | 25.94 -0.52 0.00 N | 101.70 -1.43 0.87 N | 91.11 -1.16 0.37 N | 97.77 -1.24 0.00 N | 103.85 -1.28 0.00 N | 97.79 -1.55 0.00 N | 100.84 -1.71 0.16 N | 78.24 -1.61 0.00 N | 43.67 -1.05 0.00 N | 40.82 -1.15 0.00 N |
| STATION 5_MISC_HYD 23604 | 26.27 -0.37 -2.49 N | 9.98 0.00 -14.08 N | 23.58 -0.43 -3.48 N | 9.96 -0.16 -2.89 N | 11.12 -0.23 -1.05 N | 8.31 0.14 -14.83 N | 30.36 -0.56 -10.53 N | 30.58 -0.77 -3.86 N | 33.73 -0.73 0.00 N | 28.80 -0.52 -11.05 N | 34.16 -0.62 -13.14 N | 31.00 -0.69 -12.35 N | 38.77 -1.00 -11.51 N | 33.75 -0.92 -5.08 N | 35.51 -1.06 -10.11 N | 84.84 -4.79 14.38 N | 82.90 -3.61 6.12 N | 96.86 -2.15 0.00 N | 102.85 -2.28 0.00 N | 96.85 -2.49 0.00 N | 92.20 -2.49 8.01 N | 87.41 -1.79 -9.35 N | 53.50 -1.07 -9.85 N | 51.85 -0.62 -10.50 N |
| STEEL___WIND 323596 | 25.52 -1.94 -3.30 N | 14.92 0.31 -18.72 N | 23.46 -1.69 -4.62 N | 10.47 -0.60 -3.84 N | 10.79 -0.92 -1.40 N | 13.67 0.62 -19.71 N | 32.32 -2.06 -14.00 N | 29.57 -3.05 -5.14 N | 30.77 -3.68 0.00 N | 30.72 -2.23 -14.69 N | 36.62 -2.48 -17.47 N | 33.37 -2.38 -16.41 N | 40.14 -3.41 -15.29 N | 32.78 -3.55 -6.74 N | 36.38 -3.49 -13.41 N | 76.81 -13.87 13.33 N | 75.20 -11.76 5.68 N | 87.49 -11.53 0.00 N | 92.87 -12.26 0.00 N | 87.57 -11.76 0.00 N | 82.69 -13.08 6.93 N | 83.10 -9.16 -12.41 N | 52.97 -4.83 -13.08 N | 52.34 -3.57 -13.94 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| STURGEON_POOL_HYD 23609 | 44.63 1.93 -18.54 N | 100.63 -0.30 -105.04 N | 48.07 1.59 -25.95 N | 29.29 0.50 -21.57 N | 18.89 0.72 -7.86 N | 103.48 -0.43 -110.57 N | 100.38 1.45 -78.55 N | 58.42 2.12 -28.82 N | 37.33 2.88 0.00 N | 102.31 1.61 -82.44 N | 121.70 2.04 -98.03 N | 113.22 1.79 -92.09 N | 116.13 2.58 -85.29 N | 69.78 2.69 -37.49 N | 103.37 2.30 -74.61 N | 110.49 8.53 2.04 N | 99.29 7.52 0.87 N | 107.03 8.02 0.00 N | 113.61 8.48 0.00 N | 107.66 8.32 0.00 N | 111.36 9.09 0.44 N | 156.30 7.45 -68.99 N | 121.46 4.01 -72.73 N | 123.86 3.84 -78.05 N |
| SYRACUSE___ENERGY_ST1 323597 | 25.86 -0.36 -2.06 N | 7.62 0.05 -11.67 N | 23.11 -0.30 -2.88 N | 9.50 -0.12 -2.40 N | 11.00 -0.18 -0.87 N | 5.75 0.12 -12.29 N | 28.72 -0.39 -8.73 N | 30.08 -0.61 -3.20 N | 33.68 -0.78 0.00 N | 26.94 -0.48 -9.16 N | 31.98 -0.54 -10.89 N | 29.06 -0.51 -10.23 N | 37.05 -0.74 -9.53 N | 33.18 -0.71 -4.29 N | 34.28 -0.75 -8.58 N | 85.75 -3.50 14.75 N | 83.52 -2.84 6.28 N | 96.36 -2.65 0.00 N | 102.39 -2.74 0.00 N | 96.63 -2.71 0.00 N | 97.05 -3.09 2.56 N | 85.52 -2.26 -7.93 N | 52.06 -1.02 -8.36 N | 50.18 -0.70 -8.91 N |
| SYRACUSE___ENERGY_ST2 323598 | 25.86 -0.36 -2.06 N | 7.62 0.05 -11.67 N | 23.11 -0.30 -2.88 N | 9.50 -0.12 -2.40 N | 11.00 -0.18 -0.87 N | 5.75 0.12 -12.29 N | 28.72 -0.39 -8.73 N | 30.08 -0.61 -3.20 N | 33.68 -0.78 0.00 N | 26.94 -0.48 -9.16 N | 31.98 -0.54 -10.89 N | 29.06 -0.51 -10.23 N | 37.05 -0.74 -9.53 N | 33.18 -0.71 -4.29 N | 34.28 -0.75 -8.58 N | 85.75 -3.50 14.75 N | 83.52 -2.84 6.28 N | 96.36 -2.65 0.00 N | 102.39 -2.74 0.00 N | 96.63 -2.71 0.00 N | 97.05 -3.09 2.56 N | 85.52 -2.26 -7.93 N | 52.06 -1.02 -8.36 N | 50.18 -0.70 -8.91 N |
| SYRACUSE___POWER 24017 | 25.87 -0.28 -1.99 N | 7.22 0.05 -11.28 N | 23.06 -0.25 -2.79 N | 9.44 -0.10 -2.32 N | 10.99 -0.16 -0.84 N | 5.31 0.10 -11.87 N | 28.48 -0.34 -8.43 N | 30.03 -0.55 -3.09 N | 33.76 -0.70 0.00 N | 26.68 -0.43 -8.85 N | 31.68 -0.48 -10.53 N | 28.77 -0.46 -9.89 N | 36.82 -0.66 -9.21 N | 33.03 -0.66 -4.10 N | 33.92 -0.71 -8.17 N | 86.71 -3.29 14.01 N | 84.00 -2.67 5.97 N | 96.56 -2.45 0.00 N | 102.63 -2.51 0.00 N | 96.89 -2.45 0.00 N | 97.39 -2.86 2.45 N | 85.33 -2.08 -7.56 N | 51.75 -0.94 -7.96 N | 49.79 -0.66 -8.49 N |
| Stony___Brook 24151 | 44.63 2.41 -18.07 N | 97.87 -0.40 -102.37 N | 47.80 1.98 -25.29 N | 28.85 0.60 -21.02 N | 18.85 0.89 -7.66 N | 100.82 -0.29 -107.76 N | 98.51 1.58 -76.55 N | 57.89 2.31 -28.08 N | 37.95 3.49 0.00 N | 102.37 2.10 -82.01 N | 122.05 2.49 -97.92 N | 111.14 2.05 -89.75 N | 116.46 3.45 -84.75 N | 116.46 3.59 -83.27 N | 113.62 3.19 -83.98 N | 116.56 11.68 -0.88 N | 118.84 10.06 -16.14 N | 123.55 10.38 -14.15 N | 121.81 11.20 -5.48 N | 125.41 11.07 -15.01 N | 119.86 12.18 -4.99 N | 156.49 8.99 -67.65 N | 120.53 4.50 -71.31 N | 122.60 4.56 -76.07 N |
| UNION___PROCESSING_DRP 323587 | 25.32 -1.36 -2.52 N | 10.37 0.18 -14.30 N | 22.85 -1.21 -3.53 N | 9.74 -0.42 -2.94 N | 10.74 -0.63 -1.07 N | 8.82 0.43 -15.05 N | 29.61 -1.46 -10.69 N | 29.31 -2.10 -3.92 N | 31.90 -2.56 0.00 N | 27.95 -1.53 -11.22 N | 33.19 -1.79 -13.34 N | 30.22 -1.65 -12.53 N | 37.55 -2.39 -11.68 N | 32.30 -2.45 -5.15 N | 34.29 -2.42 -10.26 N | 79.71 -9.96 14.33 N | 78.15 -8.39 6.11 N | 91.01 -8.01 0.00 N | 96.48 -8.65 0.00 N | 90.95 -8.39 0.00 N | 85.33 -9.41 7.96 N | 82.48 -6.87 -9.49 N | 51.10 -3.62 -10.00 N | 49.85 -2.78 -10.66 N |
| UPPER HUDSON___HYD 24058 | 48.33 0.45 -23.73 N | 130.18 -0.13 -134.42 N | 54.14 0.40 -33.20 N | 34.98 0.16 -27.60 N | 20.58 0.21 -10.06 N | 134.64 -0.21 -141.50 N | 121.47 0.57 -100.52 N | 65.32 0.95 -36.88 N | 35.80 1.35 0.00 N | 124.58 0.82 -105.50 N | 148.11 1.02 -125.46 N | 137.98 0.78 -117.85 N | 139.53 1.32 -109.95 N | 79.26 1.30 -48.36 N | 124.02 1.31 -96.25 N | 107.54 5.25 1.71 N | 95.97 4.06 0.73 N | 103.54 4.53 0.00 N | 109.78 4.64 0.00 N | 103.91 4.58 0.00 N | 107.46 5.06 0.31 N | 173.13 4.28 -89.00 N | 140.62 2.08 -93.82 N | 143.50 1.65 -99.88 N |
| UPPER RAQUET___HYD 24056 | 23.19 -0.97 0.00 N | -3.95 0.16 0.00 N | 19.71 -0.82 0.00 N | 6.96 -0.26 0.00 N | 9.94 -0.37 0.00 N | -6.40 0.25 0.00 N | 19.58 -0.80 0.00 N | 26.48 -1.01 0.00 N | 33.19 -1.26 0.00 N | 17.63 -0.63 0.00 N | 20.77 -0.86 0.00 N | 18.69 -0.64 0.00 N | 27.34 -0.91 0.00 N | 28.65 -0.94 0.00 N | 25.66 -0.79 0.00 N | 98.78 -2.80 2.43 N | 89.21 -2.39 1.04 N | 96.63 -2.37 0.00 N | 102.69 -2.44 0.00 N | 96.54 -2.79 0.00 N | 99.31 -2.95 0.44 N | 77.31 -2.54 0.00 N | 43.26 -1.46 0.00 N | 40.36 -1.61 0.00 N |
| VISCHER___FERRY HYD 24020 | 48.51 1.38 -22.98 N | 125.83 -0.25 -130.19 N | 53.82 1.12 -32.16 N | 34.34 0.39 -26.73 N | 20.59 0.54 -9.75 N | 129.99 -0.40 -137.05 N | 118.94 1.20 -97.35 N | 64.95 1.75 -35.72 N | 36.78 2.32 0.00 N | 121.72 1.28 -102.18 N | 144.69 1.55 -121.50 N | 134.84 1.36 -114.14 N | 136.86 2.10 -106.51 N | 78.55 2.11 -46.85 N | 121.65 1.96 -93.24 N | 109.83 7.55 1.72 N | 98.09 6.19 0.73 N | 105.67 6.66 0.00 N | 111.94 6.80 0.00 N | 106.00 6.66 0.00 N | 109.63 7.24 0.31 N | 172.11 6.04 -86.22 N | 138.96 3.36 -90.89 N | 141.71 3.01 -96.74 N |
| WADING RIVER_IC_1 23522 | 44.57 2.34 -18.07 N | 97.86 -0.41 -102.37 N | 47.79 1.97 -25.29 N | 28.85 0.60 -21.02 N | 18.85 0.88 -7.66 N | 100.82 -0.29 -107.76 N | 98.46 1.52 -76.55 N | 57.70 2.12 -28.08 N | 37.72 3.27 0.00 N | 102.27 2.01 -82.01 N | 121.97 2.42 -97.92 N | 111.08 1.99 -89.75 N | 116.32 3.31 -84.75 N | 116.31 3.44 -83.27 N | 113.47 3.03 -83.98 N | 116.06 11.17 -0.88 N | 118.48 9.70 -16.14 N | 123.32 10.16 -14.15 N | 121.50 10.88 -5.48 N | 125.08 10.73 -15.01 N | 119.46 11.77 -4.99 N | 156.21 8.72 -67.65 N | 120.36 4.33 -71.31 N | 122.32 4.28 -76.07 N |
| WADING RIVER_IC_2 23547 | 44.57 2.34 -18.07 N | 97.86 -0.41 -102.37 N | 47.79 1.97 -25.29 N | 28.85 0.60 -21.02 N | 18.85 0.88 -7.66 N | 100.82 -0.29 -107.76 N | 98.46 1.52 -76.55 N | 57.70 2.12 -28.08 N | 37.72 3.27 0.00 N | 102.27 2.01 -82.01 N | 121.97 2.42 -97.92 N | 111.08 1.99 -89.75 N | 116.32 3.31 -84.75 N | 116.31 3.44 -83.27 N | 113.47 3.03 -83.98 N | 116.06 11.17 -0.88 N | 118.48 9.70 -16.14 N | 123.32 10.16 -14.15 N | 121.50 10.88 -5.48 N | 125.08 10.73 -15.01 N | 119.46 11.77 -4.99 N | 156.21 8.72 -67.65 N | 120.36 4.33 -71.31 N | 122.32 4.28 -76.07 N |
| WADING RIVER_IC_3 23601 | 44.57 2.34 -18.07 N | 97.86 -0.41 -102.37 N | 47.79 1.97 -25.29 N | 28.85 0.60 -21.02 N | 18.85 0.88 -7.66 N | 100.82 -0.29 -107.76 N | 98.46 1.52 -76.55 N | 57.70 2.12 -28.08 N | 37.72 3.27 0.00 N | 102.27 2.01 -82.01 N | 121.97 2.42 -97.92 N | 111.08 1.99 -89.75 N | 116.32 3.31 -84.75 N | 116.31 3.44 -83.27 N | 113.47 3.03 -83.98 N | 116.06 11.17 -0.88 N | 118.48 9.70 -16.14 N | 123.32 10.16 -14.15 N | 121.50 10.88 -5.48 N | 125.08 10.73 -15.01 N | 119.46 11.77 -4.99 N | 156.21 8.72 -67.65 N | 120.36 4.33 -71.31 N | 122.32 4.28 -76.07 N |
| WALDEN___HYDRO 24148 | 43.61 1.81 -17.65 N | 95.59 -0.28 -99.99 N | 46.71 1.48 -24.70 N | 28.21 0.46 -20.53 N | 18.45 0.66 -7.48 N | 98.19 -0.41 -105.25 N | 96.55 1.40 -74.77 N | 56.97 2.05 -27.43 N | 37.26 2.80 0.00 N | 98.29 1.56 -78.47 N | 116.92 1.98 -93.31 N | 108.75 1.75 -87.66 N | 112.45 2.63 -81.55 N | 68.20 2.74 -35.86 N | 100.17 2.34 -71.38 N | 110.55 8.64 2.09 N | 99.33 7.59 0.89 N | 107.14 8.13 0.00 N | 113.84 8.71 0.00 N | 107.92 8.59 0.00 N | 111.53 9.28 0.45 N | 153.33 7.48 -66.00 N | 118.28 3.99 -69.57 N | 119.93 3.67 -74.30 N |
| WARRENSBURG____ 23737 | 48.31 0.42 -23.73 N | 130.19 -0.13 -134.42 N | 54.10 0.36 -33.20 N | 34.97 0.14 -27.60 N | 20.55 0.18 -10.06 N | 134.65 -0.19 -141.50 N | 121.42 0.51 -100.52 N | 65.22 0.85 -36.88 N | 35.65 1.20 0.00 N | 124.51 0.74 -105.50 N | 148.02 0.93 -125.46 N | 137.93 0.74 -117.85 N | 139.47 1.26 -109.95 N | 79.18 1.22 -48.36 N | 123.95 1.24 -96.25 N | 107.26 4.96 1.71 N | 95.65 3.74 0.73 N | 103.18 4.17 0.00 N | 109.47 4.34 0.00 N | 103.63 4.29 0.00 N | 107.17 4.77 0.31 N | 172.95 4.10 -89.00 N | 140.53 1.99 -93.82 N | 143.43 1.58 -99.88 N |

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